



R32 **MULTI F**
MULTI F MAX
WITH **LGRED°**
OUTDOOR UNIT
PERFORMANCE DATA MANUAL



Dual-, Tri-, and
Quad-Zone Multi F



Five, Six, and Eight-Zone
Multi F MAX

Multi-Zone Heat Pump Outdoor Units
1.5 to 4 Tons

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MULTI F WITH LGRED COOLING CAPACITY TABLES

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Table 1: KUMXA181A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7 + 7	-4	13.76	0.74	14.62	0.77	15.47	0.79	16.09	0.80	17.18	0.82	18.04	0.83
		0	13.76	0.75	14.61	0.77	15.47	0.80	16.08	0.81	17.17	0.83	18.03	0.84
		5	13.75	0.76	14.60	0.79	15.45	0.82	16.07	0.83	17.16	0.84	18.01	0.86
		10	13.73	0.77	14.59	0.80	15.44	0.83	16.06	0.84	17.15	0.85	18.00	0.87
		14	13.72	0.78	14.58	0.81	15.43	0.84	16.04	0.85	17.13	0.87	17.99	0.88
		20	13.71	0.79	14.57	0.82	15.42	0.85	16.03	0.86	17.12	0.88	17.97	0.90
		25	13.70	0.80	14.55	0.83	15.41	0.86	16.02	0.87	17.11	0.89	17.96	0.91
		30	13.69	0.82	14.54	0.85	15.39	0.88	16.01	0.89	17.09	0.90	17.94	0.92
		35	13.68	0.83	14.53	0.86	15.38	0.89	16.00	0.90	17.08	0.92	17.93	0.93
		40	13.67	0.84	14.52	0.87	15.37	0.90	15.98	0.91	17.07	0.93	17.92	0.95
		45	13.66	0.85	14.51	0.88	15.36	0.91	15.97	0.92	17.06	0.94	17.90	0.96
		50	13.65	0.86	14.50	0.89	15.35	0.92	15.96	0.93	17.04	0.95	17.89	0.97
		55	13.64	0.87	14.49	0.90	15.33	0.94	15.95	0.95	17.03	0.96	17.88	0.98
		60	13.63	0.88	14.48	0.91	15.32	0.95	15.93	0.96	17.02	0.98	17.86	1.00
		65	13.62	0.89	14.47	0.93	15.31	0.96	15.92	0.97	17.00	0.99	17.85	1.01
		70	13.61	0.91	14.45	0.94	15.30	0.97	15.91	0.98	16.99	1.00	17.83	1.02
		75	13.28	0.95	14.12	0.99	14.97	1.02	15.58	1.04	16.65	1.06	17.50	1.08
		80	12.95	1.00	13.80	1.04	14.64	1.08	15.24	1.09	16.32	1.11	17.16	1.13
		85	12.63	1.05	13.47	1.09	14.31	1.13	14.91	1.14	15.99	1.16	16.82	1.19
		90	12.30	1.10	13.14	1.14	13.98	1.18	14.58	1.20	15.65	1.22	16.49	1.24
		95	11.95	1.15	12.79	1.19	13.62	1.23	14.00	1.25	15.28	1.27	16.12	1.30
		100	11.66	1.20	12.49	1.24	13.33	1.29	13.82	1.30	14.99	1.33	15.82	1.35
		105	11.37	1.25	12.20	1.29	13.04	1.34	13.64	1.36	14.70	1.38	15.53	1.41
		110	11.08	1.30	11.91	1.34	12.74	1.39	13.35	1.41	14.41	1.43	15.24	1.46
		115	10.79	1.34	11.62	1.39	12.45	1.44	13.06	1.46	14.12	1.49	14.95	1.52
		118	10.61	1.37	11.45	1.42	12.28	1.48	12.88	1.49	13.94	1.52	14.78	1.55
		122	10.56	1.41	11.39	1.46	12.22	1.52	12.82	1.54	13.89	1.56	14.72	1.60
	7 + 9	-4	15.73	0.76	16.71	0.79	17.68	0.82	18.39	0.83	19.64	0.84	20.61	0.86
		0	15.72	0.77	16.70	0.80	17.67	0.83	18.38	0.84	19.63	0.85	20.60	0.87
		5	15.71	0.78	16.68	0.81	17.66	0.84	18.36	0.85	19.61	0.87	20.59	0.89
		10	15.70	0.80	16.67	0.82	17.65	0.85	18.35	0.86	19.60	0.88	20.57	0.90
		14	15.68	0.81	16.66	0.84	17.63	0.87	18.34	0.88	19.58	0.89	20.56	0.91
		20	15.67	0.82	16.65	0.85	17.62	0.88	18.32	0.89	19.57	0.91	20.54	0.92
		25	15.66	0.83	16.63	0.86	17.61	0.89	18.31	0.90	19.55	0.92	20.52	0.94
		30	15.65	0.84	16.62	0.87	17.59	0.90	18.29	0.92	19.54	0.93	20.51	0.95
		35	15.64	0.85	16.61	0.88	17.58	0.92	18.28	0.93	19.52	0.95	20.49	0.96
		40	15.62	0.87	16.60	0.90	17.57	0.93	18.27	0.94	19.51	0.96	20.48	0.98
		45	15.61	0.88	16.58	0.91	17.55	0.94	18.25	0.95	19.49	0.97	20.46	0.99
		50	15.60	0.89	16.57	0.92	17.54	0.95	18.24	0.97	19.48	0.98	20.45	1.00
		55	15.59	0.90	16.56	0.93	17.53	0.97	18.22	0.98	19.46	1.00	20.43	1.02
		60	15.58	0.91	16.54	0.94	17.51	0.98	18.21	0.99	19.45	1.01	20.41	1.03
		65	15.57	0.92	16.53	0.96	17.50	0.99	18.20	1.00	19.43	1.02	20.40	1.04
		70	15.55	0.93	16.52	0.97	17.49	1.00	18.18	1.02	19.42	1.03	20.38	1.06
		75	15.18	0.99	16.14	1.02	17.11	1.06	17.80	1.07	19.03	1.09	20.00	1.11
		80	14.80	1.04	15.77	1.07	16.73	1.11	17.42	1.13	18.65	1.15	19.61	1.17
		85	14.43	1.09	15.39	1.13	16.35	1.17	17.04	1.18	18.27	1.20	19.23	1.23
		90	14.06	1.14	15.02	1.18	15.98	1.22	16.67	1.24	17.89	1.26	18.84	1.28
		95	13.66	1.19	14.61	1.23	15.56	1.28	16.00	1.29	17.47	1.31	18.42	1.34
		100	13.33	1.24	14.28	1.28	15.23	1.33	15.79	1.34	17.13	1.37	18.09	1.40
		105	12.99	1.29	13.95	1.33	14.90	1.38	15.59	1.40	16.80	1.43	17.75	1.45
		110	12.66	1.34	13.61	1.39	14.57	1.44	15.25	1.45	16.47	1.48	17.42	1.51
		115	12.33	1.39	13.28	1.44	14.23	1.49	14.92	1.51	16.14	1.54	17.09	1.57
		118	12.13	1.42	13.08	1.47	14.03	1.52	14.72	1.54	15.94	1.57	16.89	1.60
		122	12.06	1.46	13.02	1.51	13.97	1.57	14.65	1.59	15.87	1.62	16.82	1.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA181A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 2: KUMXA181A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	-4	17.70	0.79	18.80	0.82	19.89	0.85	20.69	0.86	22.09	0.87	23.19	0.89
		0	17.69	0.80	18.79	0.82	19.88	0.85	20.68	0.86	22.08	0.88	23.18	0.90
		5	17.67	0.81	18.77	0.84	19.87	0.87	20.66	0.88	22.06	0.89	23.16	0.91
		10	17.66	0.82	18.76	0.85	19.85	0.88	20.64	0.89	22.05	0.91	23.14	0.93
		14	17.65	0.83	18.74	0.86	19.84	0.89	20.63	0.90	22.03	0.92	23.12	0.94
		20	17.63	0.84	18.73	0.88	19.82	0.91	20.61	0.92	22.01	0.93	23.11	0.95
		25	17.62	0.86	18.71	0.89	19.81	0.92	20.60	0.93	22.00	0.95	23.09	0.97
		30	17.60	0.87	18.70	0.90	19.79	0.93	20.58	0.94	21.98	0.96	23.07	0.98
		35	17.59	0.88	18.68	0.91	19.78	0.95	20.57	0.96	21.96	0.97	23.05	0.99
		40	17.58	0.89	18.67	0.92	19.76	0.96	20.55	0.97	21.94	0.99	23.04	1.01
		45	17.56	0.90	18.66	0.94	19.75	0.97	20.53	0.98	21.93	1.00	23.02	1.02
		50	17.55	0.92	18.64	0.95	19.73	0.98	20.52	1.00	21.91	1.01	23.00	1.03
		55	17.54	0.93	18.63	0.96	19.72	1.00	20.50	1.01	21.89	1.03	22.98	1.05
		60	17.52	0.94	18.61	0.97	19.70	1.01	20.49	1.02	21.88	1.04	22.97	1.06
		65	17.51	0.95	18.60	0.99	19.69	1.02	20.47	1.03	21.86	1.05	22.95	1.08
		70	17.50	0.96	18.58	1.00	19.67	1.04	20.46	1.05	21.84	1.07	22.93	1.09
		75	17.08	1.02	18.16	1.05	19.24	1.09	20.03	1.10	21.41	1.12	22.50	1.15
		80	16.66	1.07	17.74	1.11	18.82	1.15	19.60	1.16	20.98	1.18	22.06	1.21
		85	16.24	1.12	17.32	1.16	18.40	1.20	19.17	1.22	20.55	1.24	21.63	1.26
		90	15.82	1.17	16.90	1.21	17.97	1.26	18.75	1.27	20.12	1.30	21.20	1.32
		95	15.37	1.22	16.44	1.27	17.51	1.31	18.00	1.33	19.65	1.35	20.72	1.38
		100	14.99	1.28	16.06	1.32	17.13	1.37	17.77	1.39	19.28	1.41	20.35	1.44
		105	14.62	1.33	15.69	1.38	16.76	1.43	17.53	1.44	18.90	1.47	19.97	1.50
		110	14.24	1.38	15.32	1.43	16.39	1.48	17.16	1.50	18.53	1.53	19.60	1.56
		115	13.87	1.43	14.94	1.48	16.01	1.54	16.79	1.56	18.15	1.59	19.22	1.62
		118	13.65	1.46	14.72	1.52	15.79	1.57	16.56	1.59	17.93	1.62	19.00	1.65
		122	13.57	1.50	14.64	1.56	15.71	1.62	16.49	1.64	17.85	1.67	18.92	1.70
	7 + 12	-4	17.70	0.79	18.80	0.82	19.89	0.85	20.69	0.86	22.09	0.87	23.19	0.89
		0	17.69	0.80	18.79	0.82	19.88	0.85	20.68	0.86	22.08	0.88	23.18	0.90
		5	17.67	0.81	18.77	0.84	19.87	0.87	20.66	0.88	22.06	0.89	23.16	0.91
		10	17.66	0.82	18.76	0.85	19.85	0.88	20.64	0.89	22.05	0.91	23.14	0.93
		14	17.65	0.83	18.74	0.86	19.84	0.89	20.63	0.90	22.03	0.92	23.12	0.94
		20	17.63	0.84	18.73	0.88	19.82	0.91	20.61	0.92	22.01	0.93	23.11	0.95
		25	17.62	0.86	18.71	0.89	19.81	0.92	20.60	0.93	22.00	0.95	23.09	0.97
		30	17.60	0.87	18.70	0.90	19.79	0.93	20.58	0.94	21.98	0.96	23.07	0.98
		35	17.59	0.88	18.68	0.91	19.78	0.95	20.57	0.96	21.96	0.97	23.05	0.99
		40	17.58	0.89	18.67	0.92	19.76	0.96	20.55	0.97	21.94	0.99	23.04	1.01
		45	17.56	0.90	18.66	0.94	19.75	0.97	20.53	0.98	21.93	1.00	23.02	1.02
		50	17.55	0.92	18.64	0.95	19.73	0.98	20.52	1.00	21.91	1.01	23.00	1.03
		55	17.54	0.93	18.63	0.96	19.72	1.00	20.50	1.01	21.89	1.03	22.98	1.05
		60	17.52	0.94	18.61	0.97	19.70	1.01	20.49	1.02	21.88	1.04	22.97	1.06
		65	17.51	0.95	18.60	0.99	19.69	1.02	20.47	1.03	21.86	1.05	22.95	1.08
		70	17.50	0.96	18.58	1.00	19.67	1.04	20.46	1.05	21.84	1.07	22.93	1.09
		75	17.08	1.02	18.16	1.05	19.24	1.09	20.03	1.10	21.41	1.12	22.50	1.15
		80	16.66	1.07	17.74	1.11	18.82	1.15	19.60	1.16	20.98	1.18	22.06	1.21
		85	16.24	1.12	17.32	1.16	18.40	1.20	19.17	1.22	20.55	1.24	21.63	1.26
		90	15.82	1.17	16.90	1.21	17.97	1.26	18.75	1.27	20.12	1.30	21.20	1.32
		95	15.37	1.22	16.44	1.27	17.51	1.31	18.00	1.33	19.65	1.35	20.72	1.38
		100	14.99	1.28	16.06	1.32	17.13	1.37	17.77	1.39	19.28	1.41	20.35	1.44
		105	14.62	1.33	15.69	1.38	16.76	1.43	17.53	1.44	18.90	1.47	19.97	1.50
		110	14.24	1.38	15.32	1.43	16.39	1.48	17.16	1.50	18.53	1.53	19.60	1.56
		115	13.87	1.43	14.94	1.48	16.01	1.54	16.79	1.56	18.15	1.59	19.22	1.62
		118	13.65	1.46	14.72	1.52	15.79	1.57	16.56	1.59	17.93	1.62	19.00	1.65
		122	13.57	1.50	14.64	1.56	15.71	1.62	16.49	1.64	17.85	1.67	18.92	1.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 3: KUMXA181A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 12	-4	17.70	0.79	18.80	0.82	19.89	0.85	20.69	0.86	22.09	0.87	23.19	0.89
		0	17.69	0.80	18.79	0.82	19.88	0.85	20.68	0.86	22.08	0.88	23.18	0.90
		5	17.67	0.81	18.77	0.84	19.87	0.87	20.66	0.88	22.06	0.89	23.16	0.91
		10	17.66	0.82	18.76	0.85	19.85	0.88	20.64	0.89	22.05	0.91	23.14	0.93
		14	17.65	0.83	18.74	0.86	19.84	0.89	20.63	0.90	22.03	0.92	23.12	0.94
		20	17.63	0.84	18.73	0.88	19.82	0.91	20.61	0.92	22.01	0.93	23.11	0.95
		25	17.62	0.86	18.71	0.89	19.81	0.92	20.60	0.93	22.00	0.95	23.09	0.97
		30	17.60	0.87	18.70	0.90	19.79	0.93	20.58	0.94	21.98	0.96	23.07	0.98
		35	17.59	0.88	18.68	0.91	19.78	0.95	20.57	0.96	21.96	0.97	23.05	0.99
		40	17.58	0.89	18.67	0.92	19.76	0.96	20.55	0.97	21.94	0.99	23.04	1.01
		45	17.56	0.90	18.66	0.94	19.75	0.97	20.53	0.98	21.93	1.00	23.02	1.02
		50	17.55	0.92	18.64	0.95	19.73	0.98	20.52	1.00	21.91	1.01	23.00	1.03
		55	17.54	0.93	18.63	0.96	19.72	1.00	20.50	1.01	21.89	1.03	22.98	1.05
		60	17.52	0.94	18.61	0.97	19.70	1.01	20.49	1.02	21.88	1.04	22.97	1.06
		65	17.51	0.95	18.60	0.99	19.69	1.02	20.47	1.03	21.86	1.05	22.95	1.08
		70	17.50	0.96	18.58	1.00	19.67	1.04	20.46	1.05	21.84	1.07	22.93	1.09
		75	17.08	1.02	18.16	1.05	19.24	1.09	20.03	1.10	21.41	1.12	22.50	1.15
		80	16.66	1.07	17.74	1.11	18.82	1.15	19.60	1.16	20.98	1.18	22.06	1.21
		85	16.24	1.12	17.32	1.16	18.40	1.20	19.17	1.22	20.55	1.24	21.63	1.26
		90	15.82	1.17	16.90	1.21	17.97	1.26	18.75	1.27	20.12	1.30	21.20	1.32
		95	15.37	1.22	16.44	1.27	17.51	1.31	18.00	1.33	19.65	1.35	20.72	1.38
		100	14.99	1.28	16.06	1.32	17.13	1.37	17.77	1.39	19.28	1.41	20.35	1.44
		105	14.62	1.33	15.69	1.38	16.76	1.43	17.53	1.44	18.90	1.47	19.97	1.50
		110	14.24	1.38	15.32	1.43	16.39	1.48	17.16	1.50	18.53	1.53	19.60	1.56
		115	13.87	1.43	14.94	1.48	16.01	1.54	16.79	1.56	18.15	1.59	19.22	1.62
		118	13.65	1.46	14.72	1.52	15.79	1.57	16.56	1.59	17.93	1.62	19.00	1.65
		122	13.57	1.50	14.64	1.56	15.71	1.62	16.49	1.64	17.85	1.67	18.92	1.70
	7 + 15	-4	17.70	0.79	18.80	0.82	19.89	0.85	20.69	0.86	22.09	0.87	23.19	0.89
		0	17.69	0.80	18.79	0.82	19.88	0.85	20.68	0.86	22.08	0.88	23.18	0.90
		5	17.67	0.81	18.77	0.84	19.87	0.87	20.66	0.88	22.06	0.89	23.16	0.91
		10	17.66	0.82	18.76	0.85	19.85	0.88	20.64	0.89	22.05	0.91	23.14	0.93
		14	17.65	0.83	18.74	0.86	19.84	0.89	20.63	0.90	22.03	0.92	23.12	0.94
		20	17.63	0.84	18.73	0.88	19.82	0.91	20.61	0.92	22.01	0.93	23.11	0.95
		25	17.62	0.86	18.71	0.89	19.81	0.92	20.60	0.93	22.00	0.95	23.09	0.97
		30	17.60	0.87	18.70	0.90	19.79	0.93	20.58	0.94	21.98	0.96	23.07	0.98
		35	17.59	0.88	18.68	0.91	19.78	0.95	20.57	0.96	21.96	0.97	23.05	0.99
		40	17.58	0.89	18.67	0.92	19.76	0.96	20.55	0.97	21.94	0.99	23.04	1.01
		45	17.56	0.90	18.66	0.94	19.75	0.97	20.53	0.98	21.93	1.00	23.02	1.02
		50	17.55	0.92	18.64	0.95	19.73	0.98	20.52	1.00	21.91	1.01	23.00	1.03
		55	17.54	0.93	18.63	0.96	19.72	1.00	20.50	1.01	21.89	1.03	22.98	1.05
		60	17.52	0.94	18.61	0.97	19.70	1.01	20.49	1.02	21.88	1.04	22.97	1.06
		65	17.51	0.95	18.60	0.99	19.69	1.02	20.47	1.03	21.86	1.05	22.95	1.08
		70	17.50	0.96	18.58	1.00	19.67	1.04	20.46	1.05	21.84	1.07	22.93	1.09
		75	17.08	1.02	18.16	1.05	19.24	1.09	20.03	1.10	21.41	1.12	22.50	1.15
		80	16.66	1.07	17.74	1.11	18.82	1.15	19.60	1.16	20.98	1.18	22.06	1.21
		85	16.24	1.12	17.32	1.16	18.40	1.20	19.17	1.22	20.55	1.24	21.63	1.26
		90	15.82	1.17	16.90	1.21	17.97	1.26	18.75	1.27	20.12	1.30	21.20	1.32
		95	15.37	1.22	16.44	1.27	17.51	1.31	18.00	1.33	19.65	1.35	20.72	1.38
		100	14.99	1.28	16.06	1.32	17.13	1.37	17.77	1.39	19.28	1.41	20.35	1.44
		105	14.62	1.33	15.69	1.38	16.76	1.43	17.53	1.44	18.90	1.47	19.97	1.50
		110	14.24	1.38	15.32	1.43	16.39	1.48	17.16	1.50	18.53	1.53	19.60	1.56
		115	13.87	1.43	14.94	1.48	16.01	1.54	16.79	1.56	18.15	1.59	19.22	1.62
		118	13.65	1.46	14.72	1.52	15.79	1.57	16.56	1.59	17.93	1.62	19.00	1.65
		122	13.57	1.50	14.64	1.56	15.71	1.62	16.49	1.64	17.85	1.67	18.92	1.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA181A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 4: KUMXA181A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 15	-4	17.70	0.79	18.80	0.82	19.89	0.85	20.69	0.86	22.09	0.87	23.19	0.89
		0	17.69	0.80	18.79	0.82	19.88	0.85	20.68	0.86	22.08	0.88	23.18	0.90
		5	17.67	0.81	18.77	0.84	19.87	0.87	20.66	0.88	22.06	0.89	23.16	0.91
		10	17.66	0.82	18.76	0.85	19.85	0.88	20.64	0.89	22.05	0.91	23.14	0.93
		14	17.65	0.83	18.74	0.86	19.84	0.89	20.63	0.90	22.03	0.92	23.12	0.94
		20	17.63	0.84	18.73	0.88	19.82	0.91	20.61	0.92	22.01	0.93	23.11	0.95
		25	17.62	0.86	18.71	0.89	19.81	0.92	20.60	0.93	22.00	0.95	23.09	0.97
		30	17.60	0.87	18.70	0.90	19.79	0.93	20.58	0.94	21.98	0.96	23.07	0.98
		35	17.59	0.88	18.68	0.91	19.78	0.95	20.57	0.96	21.96	0.97	23.05	0.99
		40	17.58	0.89	18.67	0.92	19.76	0.96	20.55	0.97	21.94	0.99	23.04	1.01
		45	17.56	0.90	18.66	0.94	19.75	0.97	20.53	0.98	21.93	1.00	23.02	1.02
		50	17.55	0.92	18.64	0.95	19.73	0.98	20.52	1.00	21.91	1.01	23.00	1.03
		55	17.54	0.93	18.63	0.96	19.72	1.00	20.50	1.01	21.89	1.03	22.98	1.05
		60	17.52	0.94	18.61	0.97	19.70	1.01	20.49	1.02	21.88	1.04	22.97	1.06
		65	17.51	0.95	18.60	0.99	19.69	1.02	20.47	1.03	21.86	1.05	22.95	1.08
		70	17.50	0.96	18.58	1.00	19.67	1.04	20.46	1.05	21.84	1.07	22.93	1.09
		75	17.08	1.02	18.16	1.05	19.24	1.09	20.03	1.10	21.41	1.12	22.50	1.15
		80	16.66	1.07	17.74	1.11	18.82	1.15	19.60	1.16	20.98	1.18	22.06	1.21
		85	16.24	1.12	17.32	1.16	18.40	1.20	19.17	1.22	20.55	1.24	21.63	1.26
		90	15.82	1.17	16.90	1.21	17.97	1.26	18.75	1.27	20.12	1.30	21.20	1.32
		95	15.37	1.22	16.44	1.27	17.51	1.31	18.00	1.33	19.65	1.35	20.72	1.38
		100	14.99	1.28	16.06	1.32	17.13	1.37	17.77	1.39	19.28	1.41	20.35	1.44
		105	14.62	1.33	15.69	1.38	16.76	1.43	17.53	1.44	18.90	1.47	19.97	1.50
		110	14.24	1.38	15.32	1.43	16.39	1.48	17.16	1.50	18.53	1.53	19.60	1.56
		115	13.87	1.43	14.94	1.48	16.01	1.54	16.79	1.56	18.15	1.59	19.22	1.62
		118	13.65	1.46	14.72	1.52	15.79	1.57	16.56	1.59	17.93	1.62	19.00	1.65
		122	13.57	1.50	14.64	1.56	15.71	1.62	16.49	1.64	17.85	1.67	18.92	1.70
	12 + 12	-4	17.70	0.79	18.80	0.82	19.89	0.85	20.69	0.86	22.09	0.87	23.19	0.89
		0	17.69	0.80	18.79	0.82	19.88	0.85	20.68	0.86	22.08	0.88	23.18	0.90
		5	17.67	0.81	18.77	0.84	19.87	0.87	20.66	0.88	22.06	0.89	23.16	0.91
		10	17.66	0.82	18.76	0.85	19.85	0.88	20.64	0.89	22.05	0.91	23.14	0.93
		14	17.65	0.83	18.74	0.86	19.84	0.89	20.63	0.90	22.03	0.92	23.12	0.94
		20	17.63	0.84	18.73	0.88	19.82	0.91	20.61	0.92	22.01	0.93	23.11	0.95
		25	17.62	0.86	18.71	0.89	19.81	0.92	20.60	0.93	22.00	0.95	23.09	0.97
		30	17.60	0.87	18.70	0.90	19.79	0.93	20.58	0.94	21.98	0.96	23.07	0.98
		35	17.59	0.88	18.68	0.91	19.78	0.95	20.57	0.96	21.96	0.97	23.05	0.99
		40	17.58	0.89	18.67	0.92	19.76	0.96	20.55	0.97	21.94	0.99	23.04	1.01
		45	17.56	0.90	18.66	0.94	19.75	0.97	20.53	0.98	21.93	1.00	23.02	1.02
		50	17.55	0.92	18.64	0.95	19.73	0.98	20.52	1.00	21.91	1.01	23.00	1.03
		55	17.54	0.93	18.63	0.96	19.72	1.00	20.50	1.01	21.89	1.03	22.98	1.05
		60	17.52	0.94	18.61	0.97	19.70	1.01	20.49	1.02	21.88	1.04	22.97	1.06
		65	17.51	0.95	18.60	0.99	19.69	1.02	20.47	1.03	21.86	1.05	22.95	1.08
		70	17.50	0.96	18.58	1.00	19.67	1.04	20.46	1.05	21.84	1.07	22.93	1.09
		75	17.08	1.02	18.16	1.05	19.24	1.09	20.03	1.10	21.41	1.12	22.50	1.15
		80	16.66	1.07	17.74	1.11	18.82	1.15	19.60	1.16	20.98	1.18	22.06	1.21
		85	16.24	1.12	17.32	1.16	18.40	1.20	19.17	1.22	20.55	1.24	21.63	1.26
		90	15.82	1.17	16.90	1.21	17.97	1.26	18.75	1.27	20.12	1.30	21.20	1.32
		95	15.37	1.22	16.44	1.27	17.51	1.31	18.00	1.33	19.65	1.35	20.72	1.38
		100	14.99	1.28	16.06	1.32	17.13	1.37	17.77	1.39	19.28	1.41	20.35	1.44
		105	14.62	1.33	15.69	1.38	16.76	1.43	17.53	1.44	18.90	1.47	19.97	1.50
		110	14.24	1.38	15.32	1.43	16.39	1.48	17.16	1.50	18.53	1.53	19.60	1.56
		115	13.87	1.43	14.94	1.48	16.01	1.54	16.79	1.56	18.15	1.59	19.22	1.62
		118	13.65	1.46	14.72	1.52	15.79	1.57	16.56	1.59	17.93	1.62	19.00	1.65
		122	13.57	1.50	14.64	1.56	15.71	1.62	16.49	1.64	17.85	1.67	18.92	1.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 5: KUMXA181A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	-4	16.91	0.85	17.96	0.88	19.01	0.91	19.77	0.92	21.11	0.94	22.16	0.96
		0	16.90	0.86	17.95	0.89	19.00	0.92	19.76	0.93	21.10	0.95	22.15	0.97
		5	16.89	0.87	17.94	0.90	18.98	0.93	19.74	0.94	21.08	0.96	22.13	0.98
		10	16.87	0.88	17.92	0.91	18.97	0.95	19.73	0.96	21.07	0.98	22.11	1.00
		14	16.86	0.89	17.91	0.93	18.96	0.96	19.71	0.97	21.05	0.99	22.10	1.01
		20	16.85	0.91	17.89	0.94	18.94	0.98	19.70	0.99	21.03	1.00	22.08	1.03
		25	16.84	0.92	17.88	0.95	18.93	0.99	19.68	1.00	21.02	1.02	22.06	1.04
		30	16.82	0.93	17.87	0.97	18.91	1.00	19.67	1.01	21.00	1.03	22.05	1.05
		35	16.81	0.95	17.85	0.98	18.90	1.02	19.65	1.03	20.99	1.05	22.03	1.07
		40	16.80	0.96	17.84	0.99	18.88	1.03	19.64	1.04	20.97	1.06	22.01	1.08
		45	16.78	0.97	17.83	1.01	18.87	1.04	19.62	1.06	20.95	1.08	22.00	1.10
		50	16.77	0.98	17.81	1.02	18.85	1.06	19.61	1.07	20.94	1.09	21.98	1.11
		55	16.76	1.00	17.80	1.03	18.84	1.07	19.59	1.08	20.92	1.10	21.96	1.13
		60	16.75	1.01	17.79	1.05	18.83	1.09	19.58	1.10	20.91	1.12	21.95	1.14
		65	16.73	1.02	17.77	1.06	18.81	1.10	19.56	1.11	20.89	1.13	21.93	1.16
		70	16.72	1.04	17.76	1.07	18.80	1.11	19.55	1.13	20.87	1.15	21.91	1.17
		75	16.32	1.09	17.35	1.13	18.39	1.17	19.14	1.19	20.46	1.21	21.50	1.23
		80	15.91	1.15	16.95	1.19	17.98	1.23	18.73	1.25	20.05	1.27	21.08	1.30
		85	15.52	1.20	16.55	1.25	17.58	1.29	18.32	1.31	19.64	1.33	20.67	1.36
		90	15.12	1.26	16.15	1.31	17.17	1.35	17.92	1.37	19.23	1.39	20.26	1.42
		95	14.68	1.32	15.71	1.36	16.73	1.41	17.20	1.43	18.78	1.46	19.80	1.49
		100	14.33	1.37	15.35	1.42	16.37	1.47	16.98	1.49	18.42	1.52	19.44	1.55
		105	13.97	1.43	14.99	1.48	16.02	1.53	16.75	1.55	18.06	1.58	19.08	1.61
		110	13.61	1.48	14.63	1.54	15.66	1.59	16.40	1.61	17.70	1.64	18.73	1.68
		115	13.25	1.54	14.28	1.60	15.30	1.65	16.04	1.67	17.35	1.70	18.37	1.74
		118	13.04	1.57	14.06	1.63	15.09	1.69	15.82	1.71	17.13	1.74	18.15	1.78
		122	12.97	1.62	13.99	1.68	15.01	1.74	15.75	1.76	17.06	1.79	18.08	1.83
	9 + 12*	-4	16.91	0.85	17.96	0.88	19.01	0.91	19.77	0.92	21.11	0.94	22.16	0.96
		0	16.90	0.86	17.95	0.89	19.00	0.92	19.76	0.93	21.10	0.95	22.15	0.97
		5	16.89	0.87	17.94	0.90	18.98	0.93	19.74	0.94	21.08	0.96	22.13	0.98
		10	16.87	0.88	17.92	0.91	18.97	0.95	19.73	0.96	21.07	0.98	22.11	1.00
		14	16.86	0.89	17.91	0.93	18.96	0.96	19.71	0.97	21.05	0.99	22.10	1.01
		20	16.85	0.91	17.89	0.94	18.94	0.98	19.70	0.99	21.03	1.00	22.08	1.03
		25	16.84	0.92	17.88	0.95	18.93	0.99	19.68	1.00	21.02	1.02	22.06	1.04
		30	16.82	0.93	17.87	0.97	18.91	1.00	19.67	1.01	21.00	1.03	22.05	1.05
		35	16.81	0.95	17.85	0.98	18.90	1.02	19.65	1.03	20.99	1.05	22.03	1.07
		40	16.80	0.96	17.84	0.99	18.88	1.03	19.64	1.04	20.97	1.06	22.01	1.08
		45	16.78	0.97	17.83	1.01	18.87	1.04	19.62	1.06	20.95	1.08	22.00	1.10
		50	16.77	0.98	17.81	1.02	18.85	1.06	19.61	1.07	20.94	1.09	21.98	1.11
		55	16.76	1.00	17.80	1.03	18.84	1.07	19.59	1.08	20.92	1.10	21.96	1.13
		60	16.75	1.01	17.79	1.05	18.83	1.09	19.58	1.10	20.91	1.12	21.95	1.14
		65	16.73	1.02	17.77	1.06	18.81	1.10	19.56	1.11	20.89	1.13	21.93	1.16
		70	16.72	1.04	17.76	1.07	18.80	1.11	19.55	1.13	20.87	1.15	21.91	1.17
		75	16.32	1.09	17.35	1.13	18.39	1.17	19.14	1.19	20.46	1.21	21.50	1.23
		80	15.91	1.15	16.95	1.19	17.98	1.23	18.73	1.25	20.05	1.27	21.08	1.30
		85	15.52	1.20	16.55	1.25	17.58	1.29	18.32	1.31	19.64	1.33	20.67	1.36
		90	15.12	1.26	16.15	1.31	17.17	1.35	17.92	1.37	19.23	1.39	20.26	1.42
		95	14.68	1.32	15.71	1.36	16.73	1.41	17.20	1.43	18.78	1.46	19.80	1.49
		100	14.33	1.37	15.35	1.42	16.37	1.47	16.98	1.49	18.42	1.52	19.44	1.55
		105	13.97	1.43	14.99	1.48	16.02	1.53	16.75	1.55	18.06	1.58	19.08	1.61
		110	13.61	1.48	14.63	1.54	15.66	1.59	16.40	1.61	17.70	1.64	18.73	1.68
		115	13.25	1.54	14.28	1.60	15.30	1.65	16.04	1.67	17.35	1.70	18.37	1.74
		118	13.04	1.57	14.06	1.63	15.09	1.69	15.82	1.71	17.13	1.74	18.15	1.78
		122	12.97	1.62	13.99	1.68	15.01	1.74	15.75	1.76	17.06	1.79	18.08	1.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA181A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 6: KUMXA181A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12" + 12"	-4	16.91	0.85	17.96	0.88	19.01	0.91	19.77	0.92	21.11	0.94	22.16	0.96
		0	16.90	0.86	17.95	0.89	19.00	0.92	19.76	0.93	21.10	0.95	22.15	0.97
		5	16.89	0.87	17.94	0.90	18.98	0.93	19.74	0.94	21.08	0.96	22.13	0.98
		10	16.87	0.88	17.92	0.91	18.97	0.95	19.73	0.96	21.07	0.98	22.11	1.00
		14	16.86	0.89	17.91	0.93	18.96	0.96	19.71	0.97	21.05	0.99	22.10	1.01
		20	16.85	0.91	17.89	0.94	18.94	0.98	19.70	0.99	21.03	1.00	22.08	1.03
		25	16.84	0.92	17.88	0.95	18.93	0.99	19.68	1.00	21.02	1.02	22.06	1.04
		30	16.82	0.93	17.87	0.97	18.91	1.00	19.67	1.01	21.00	1.03	22.05	1.05
		35	16.81	0.95	17.85	0.98	18.90	1.02	19.65	1.03	20.99	1.05	22.03	1.07
		40	16.80	0.96	17.84	0.99	18.88	1.03	19.64	1.04	20.97	1.06	22.01	1.08
		45	16.78	0.97	17.83	1.01	18.87	1.04	19.62	1.06	20.95	1.08	22.00	1.10
		50	16.77	0.98	17.81	1.02	18.85	1.06	19.61	1.07	20.94	1.09	21.98	1.11
		55	16.76	1.00	17.80	1.03	18.84	1.07	19.59	1.08	20.92	1.10	21.96	1.13
		60	16.75	1.01	17.79	1.05	18.83	1.09	19.58	1.10	20.91	1.12	21.95	1.14
		65	16.73	1.02	17.77	1.06	18.81	1.10	19.56	1.11	20.89	1.13	21.93	1.16
		70	16.72	1.04	17.76	1.07	18.80	1.11	19.55	1.13	20.87	1.15	21.91	1.17
		75	16.32	1.09	17.35	1.13	18.39	1.17	19.14	1.19	20.46	1.21	21.50	1.23
		80	15.91	1.15	16.95	1.19	17.98	1.23	18.73	1.25	20.05	1.27	21.08	1.30
		85	15.52	1.20	16.55	1.25	17.58	1.29	18.32	1.31	19.64	1.33	20.67	1.36
		90	15.12	1.26	16.15	1.31	17.17	1.35	17.92	1.37	19.23	1.39	20.26	1.42
		95	14.68	1.32	15.71	1.36	16.73	1.41	17.20	1.43	18.78	1.46	19.80	1.49
		100	14.33	1.37	15.35	1.42	16.37	1.47	16.98	1.49	18.42	1.52	19.44	1.55
		105	13.97	1.43	14.99	1.48	16.02	1.53	16.75	1.55	18.06	1.58	19.08	1.61
		110	13.61	1.48	14.63	1.54	15.66	1.59	16.40	1.61	17.70	1.64	18.73	1.68
		115	13.25	1.54	14.28	1.60	15.30	1.65	16.04	1.67	17.35	1.70	18.37	1.74
		118	13.04	1.57	14.06	1.63	15.09	1.69	15.82	1.71	17.13	1.74	18.15	1.78
		122	12.97	1.62	13.99	1.68	15.01	1.74	15.75	1.76	17.06	1.79	18.08	1.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 7: KUMXA181A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 9	-4	15.48	0.79	16.45	0.82	17.41	0.85	18.10	0.86	19.33	0.87	20.29	0.89
		0	15.48	0.80	16.44	0.83	17.40	0.86	18.09	0.87	19.32	0.88	20.28	0.90
		5	15.46	0.81	16.42	0.84	17.38	0.87	18.08	0.88	19.30	0.90	20.26	0.92
		10	15.45	0.82	16.41	0.85	17.37	0.88	18.06	0.89	19.29	0.91	20.25	0.93
		14	15.44	0.84	16.40	0.87	17.36	0.90	18.05	0.91	19.28	0.92	20.23	0.94
		20	15.43	0.85	16.39	0.88	17.34	0.91	18.04	0.92	19.26	0.94	20.22	0.96
		25	15.42	0.86	16.37	0.89	17.33	0.92	18.02	0.93	19.25	0.95	20.20	0.97
		30	15.40	0.87	16.36	0.90	17.32	0.94	18.01	0.95	19.23	0.96	20.19	0.98
		35	15.39	0.88	16.35	0.92	17.30	0.95	17.99	0.96	19.22	0.98	20.17	1.00
		40	15.38	0.90	16.34	0.93	17.29	0.96	17.98	0.97	19.20	0.99	20.16	1.01
		45	15.37	0.91	16.32	0.94	17.28	0.97	17.97	0.99	19.19	1.00	20.14	1.02
		50	15.36	0.92	16.31	0.95	17.26	0.99	17.95	1.00	19.17	1.02	20.13	1.04
		55	15.35	0.93	16.30	0.97	17.25	1.00	17.94	1.01	19.16	1.03	20.11	1.05
		60	15.33	0.94	16.29	0.98	17.24	1.01	17.93	1.03	19.14	1.04	20.10	1.07
		65	15.32	0.96	16.27	0.99	17.23	1.03	17.91	1.04	19.13	1.06	20.08	1.08
		70	15.31	0.97	16.26	1.00	17.21	1.04	17.90	1.05	19.11	1.07	20.06	1.09
		75	14.94	1.02	15.89	1.06	16.84	1.10	17.52	1.11	18.74	1.13	19.68	1.15
		80	14.57	1.07	15.52	1.11	16.47	1.15	17.15	1.16	18.36	1.19	19.30	1.21
		85	14.21	1.12	15.15	1.17	16.10	1.21	16.78	1.22	17.98	1.24	18.93	1.27
		90	13.84	1.18	14.78	1.22	15.73	1.26	16.41	1.28	17.61	1.30	18.55	1.33
		95	13.45	1.23	14.38	1.27	15.32	1.32	15.75	1.34	17.19	1.36	18.13	1.39
		100	13.12	1.28	14.06	1.33	14.99	1.38	15.55	1.39	16.87	1.42	17.80	1.45
		105	12.79	1.33	13.73	1.38	14.67	1.43	15.34	1.45	16.54	1.48	17.48	1.51
		110	12.46	1.39	13.40	1.44	14.34	1.49	15.01	1.51	16.21	1.53	17.15	1.56
		115	12.14	1.44	13.07	1.49	14.01	1.54	14.69	1.56	15.88	1.59	16.82	1.62
		118	11.94	1.47	12.88	1.52	13.81	1.58	14.49	1.60	15.69	1.63	16.62	1.66
		122	11.87	1.51	12.81	1.57	13.75	1.62	14.43	1.64	15.62	1.67	16.56	1.71
	9 + 9	-4	17.30	0.82	18.38	0.85	19.45	0.88	20.23	0.89	21.60	0.90	22.68	0.92
		0	17.29	0.83	18.37	0.86	19.44	0.89	20.22	0.90	21.59	0.91	22.66	0.93
		5	17.28	0.84	18.35	0.87	19.43	0.90	20.20	0.91	21.57	0.93	22.65	0.95
		10	17.27	0.85	18.34	0.88	19.41	0.91	20.19	0.93	21.56	0.94	22.63	0.96
		14	17.25	0.86	18.32	0.90	19.40	0.93	20.17	0.94	21.54	0.96	22.61	0.98
		20	17.24	0.88	18.31	0.91	19.38	0.94	20.15	0.95	21.52	0.97	22.59	0.99
		25	17.23	0.89	18.30	0.92	19.37	0.95	20.14	0.97	21.51	0.98	22.58	1.00
		30	17.21	0.90	18.28	0.93	19.35	0.97	20.12	0.98	21.49	1.00	22.56	1.02
		35	17.20	0.91	18.27	0.95	19.34	0.98	20.11	0.99	21.47	1.01	22.54	1.03
		40	17.19	0.93	18.25	0.96	19.32	0.99	20.09	1.01	21.46	1.02	22.52	1.05
		45	17.17	0.94	18.24	0.97	19.31	1.01	20.08	1.02	21.44	1.04	22.51	1.06
		50	17.16	0.95	18.23	0.99	19.29	1.02	20.06	1.03	21.42	1.05	22.49	1.07
		55	17.15	0.96	18.21	1.00	19.28	1.03	20.05	1.05	21.41	1.07	22.47	1.09
		60	17.13	0.98	18.20	1.01	19.26	1.05	20.03	1.06	21.39	1.08	22.46	1.10
		65	17.12	0.99	18.18	1.02	19.25	1.06	20.02	1.07	21.37	1.09	22.44	1.12
		70	17.11	1.00	18.17	1.04	19.23	1.07	20.00	1.09	21.36	1.11	22.42	1.13
		75	16.70	1.05	17.76	1.09	18.82	1.13	19.58	1.15	20.94	1.17	22.00	1.19
		80	16.29	1.11	17.34	1.15	18.40	1.19	19.16	1.20	20.51	1.23	21.57	1.25
		85	15.88	1.16	16.93	1.20	17.99	1.25	18.75	1.26	20.10	1.29	21.15	1.31
		90	15.47	1.22	16.52	1.26	17.57	1.31	18.33	1.32	19.68	1.35	20.73	1.37
		95	15.03	1.27	16.07	1.32	17.12	1.36	17.60	1.38	19.21	1.41	20.26	1.43
		100	14.66	1.32	15.71	1.37	16.75	1.42	17.37	1.44	18.85	1.47	19.89	1.50
		105	14.29	1.38	15.34	1.43	16.39	1.48	17.14	1.50	18.48	1.53	19.53	1.56
		110	13.93	1.43	14.98	1.48	16.02	1.54	16.78	1.56	18.12	1.59	19.16	1.62
		115	13.56	1.49	14.61	1.54	15.66	1.60	16.41	1.61	17.75	1.64	18.80	1.68
		118	13.34	1.52	14.39	1.57	15.44	1.63	16.19	1.65	17.53	1.68	18.58	1.71
		122	13.27	1.56	14.32	1.62	15.36	1.68	16.12	1.70	17.46	1.73	18.50	1.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA181A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 8: KUMXA181A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 12	-4	17.30	0.82	18.38	0.85	19.45	0.88	20.23	0.89	21.60	0.90	22.68	0.92
		0	17.29	0.83	18.37	0.86	19.44	0.89	20.22	0.90	21.59	0.91	22.66	0.93
		5	17.28	0.84	18.35	0.87	19.43	0.90	20.20	0.91	21.57	0.93	22.65	0.95
		10	17.27	0.85	18.34	0.88	19.41	0.91	20.19	0.93	21.56	0.94	22.63	0.96
		14	17.25	0.86	18.32	0.90	19.40	0.93	20.17	0.94	21.54	0.96	22.61	0.98
		20	17.24	0.88	18.31	0.91	19.38	0.94	20.15	0.95	21.52	0.97	22.59	0.99
		25	17.23	0.89	18.30	0.92	19.37	0.95	20.14	0.97	21.51	0.98	22.58	1.00
		30	17.21	0.90	18.28	0.93	19.35	0.97	20.12	0.98	21.49	1.00	22.56	1.02
		35	17.20	0.91	18.27	0.95	19.34	0.98	20.11	0.99	21.47	1.01	22.54	1.03
		40	17.19	0.93	18.25	0.96	19.32	0.99	20.09	1.01	21.46	1.02	22.52	1.05
		45	17.17	0.94	18.24	0.97	19.31	1.01	20.08	1.02	21.44	1.04	22.51	1.06
		50	17.16	0.95	18.23	0.99	19.29	1.02	20.06	1.03	21.42	1.05	22.49	1.07
		55	17.15	0.96	18.21	1.00	19.28	1.03	20.05	1.05	21.41	1.07	22.47	1.09
		60	17.13	0.98	18.20	1.01	19.26	1.05	20.03	1.06	21.39	1.08	22.46	1.10
		65	17.12	0.99	18.18	1.02	19.25	1.06	20.02	1.07	21.37	1.09	22.44	1.12
		70	17.11	1.00	18.17	1.04	19.23	1.07	20.00	1.09	21.36	1.11	22.42	1.13
		75	16.70	1.05	17.76	1.09	18.82	1.13	19.58	1.15	20.94	1.17	22.00	1.19
		80	16.29	1.11	17.34	1.15	18.40	1.19	19.16	1.20	20.51	1.23	21.57	1.25
		85	15.88	1.16	16.93	1.20	17.99	1.25	18.75	1.26	20.10	1.29	21.15	1.31
		90	15.47	1.22	16.52	1.26	17.57	1.31	18.33	1.32	19.68	1.35	20.73	1.37
		95	15.03	1.27	16.07	1.32	17.12	1.36	17.60	1.38	19.21	1.41	20.26	1.43
		100	14.66	1.32	15.71	1.37	16.75	1.42	17.37	1.44	18.85	1.47	19.89	1.50
		105	14.29	1.38	15.34	1.43	16.39	1.48	17.14	1.50	18.48	1.53	19.53	1.56
		110	13.93	1.43	14.98	1.48	16.02	1.54	16.78	1.56	18.12	1.59	19.16	1.62
		115	13.56	1.49	14.61	1.54	15.66	1.60	16.41	1.61	17.75	1.64	18.80	1.68
		118	13.34	1.52	14.39	1.57	15.44	1.63	16.19	1.65	17.53	1.68	18.58	1.71
		122	13.27	1.56	14.32	1.62	15.36	1.68	16.12	1.70	17.46	1.73	18.50	1.76
	9 + 12*	-4	17.30	0.82	18.38	0.85	19.45	0.88	20.23	0.89	21.60	0.90	22.68	0.92
		0	17.29	0.83	18.37	0.86	19.44	0.89	20.22	0.90	21.59	0.91	22.66	0.93
		5	17.28	0.84	18.35	0.87	19.43	0.90	20.20	0.91	21.57	0.93	22.65	0.95
		10	17.27	0.85	18.34	0.88	19.41	0.91	20.19	0.93	21.56	0.94	22.63	0.96
		14	17.25	0.86	18.32	0.90	19.40	0.93	20.17	0.94	21.54	0.96	22.61	0.98
		20	17.24	0.88	18.31	0.91	19.38	0.94	20.15	0.95	21.52	0.97	22.59	0.99
		25	17.23	0.89	18.30	0.92	19.37	0.95	20.14	0.97	21.51	0.98	22.58	1.00
		30	17.21	0.90	18.28	0.93	19.35	0.97	20.12	0.98	21.49	1.00	22.56	1.02
		35	17.20	0.91	18.27	0.95	19.34	0.98	20.11	0.99	21.47	1.01	22.54	1.03
		40	17.19	0.93	18.25	0.96	19.32	0.99	20.09	1.01	21.46	1.02	22.52	1.05
		45	17.17	0.94	18.24	0.97	19.31	1.01	20.08	1.02	21.44	1.04	22.51	1.06
		50	17.16	0.95	18.23	0.99	19.29	1.02	20.06	1.03	21.42	1.05	22.49	1.07
		55	17.15	0.96	18.21	1.00	19.28	1.03	20.05	1.05	21.41	1.07	22.47	1.09
		60	17.13	0.98	18.20	1.01	19.26	1.05	20.03	1.06	21.39	1.08	22.46	1.10
		65	17.12	0.99	18.18	1.02	19.25	1.06	20.02	1.07	21.37	1.09	22.44	1.12
		70	17.11	1.00	18.17	1.04	19.23	1.07	20.00	1.09	21.36	1.11	22.42	1.13
		75	16.70	1.05	17.76	1.09	18.82	1.13	19.58	1.15	20.94	1.17	22.00	1.19
		80	16.29	1.11	17.34	1.15	18.40	1.19	19.16	1.20	20.51	1.23	21.57	1.25
		85	15.88	1.16	16.93	1.20	17.99	1.25	18.75	1.26	20.10	1.29	21.15	1.31
		90	15.47	1.22	16.52	1.26	17.57	1.31	18.33	1.32	19.68	1.35	20.73	1.37
		95	15.03	1.27	16.07	1.32	17.12	1.36	17.60	1.38	19.21	1.41	20.26	1.43
		100	14.66	1.32	15.71	1.37	16.75	1.42	17.37	1.44	18.85	1.47	19.89	1.50
		105	14.29	1.38	15.34	1.43	16.39	1.48	17.14	1.50	18.48	1.53	19.53	1.56
		110	13.93	1.43	14.98	1.48	16.02	1.54	16.78	1.56	18.12	1.59	19.16	1.62
		115	13.56	1.49	14.61	1.54	15.66	1.60	16.41	1.61	17.75	1.64	18.80	1.68
		118	13.34	1.52	14.39	1.57	15.44	1.63	16.19	1.65	17.53	1.68	18.58	1.71
		122	13.27	1.56	14.32	1.62	15.36	1.68	16.12	1.70	17.46	1.73	18.50	1.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 9: KUMXA181A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9" + 15"	-4	17.30	0.82	18.38	0.85	19.45	0.88	20.23	0.89	21.60	0.90	22.68	0.92
		0	17.29	0.83	18.37	0.86	19.44	0.89	20.22	0.90	21.59	0.91	22.66	0.93
		5	17.28	0.84	18.35	0.87	19.43	0.90	20.20	0.91	21.57	0.93	22.65	0.95
		10	17.27	0.85	18.34	0.88	19.41	0.91	20.19	0.93	21.56	0.94	22.63	0.96
		14	17.25	0.86	18.32	0.90	19.40	0.93	20.17	0.94	21.54	0.96	22.61	0.98
		20	17.24	0.88	18.31	0.91	19.38	0.94	20.15	0.95	21.52	0.97	22.59	0.99
		25	17.23	0.89	18.30	0.92	19.37	0.95	20.14	0.97	21.51	0.98	22.58	1.00
		30	17.21	0.90	18.28	0.93	19.35	0.97	20.12	0.98	21.49	1.00	22.56	1.02
		35	17.20	0.91	18.27	0.95	19.34	0.98	20.11	0.99	21.47	1.01	22.54	1.03
		40	17.19	0.93	18.25	0.96	19.32	0.99	20.09	1.01	21.46	1.02	22.52	1.05
		45	17.17	0.94	18.24	0.97	19.31	1.01	20.08	1.02	21.44	1.04	22.51	1.06
		50	17.16	0.95	18.23	0.99	19.29	1.02	20.06	1.03	21.42	1.05	22.49	1.07
		55	17.15	0.96	18.21	1.00	19.28	1.03	20.05	1.05	21.41	1.07	22.47	1.09
		60	17.13	0.98	18.20	1.01	19.26	1.05	20.03	1.06	21.39	1.08	22.46	1.10
		65	17.12	0.99	18.18	1.02	19.25	1.06	20.02	1.07	21.37	1.09	22.44	1.12
		70	17.11	1.00	18.17	1.04	19.23	1.07	20.00	1.09	21.36	1.11	22.42	1.13
		75	16.70	1.05	17.76	1.09	18.82	1.13	19.58	1.15	20.94	1.17	22.00	1.19
		80	16.29	1.11	17.34	1.15	18.40	1.19	19.16	1.20	20.51	1.23	21.57	1.25
		85	15.88	1.16	16.93	1.20	17.99	1.25	18.75	1.26	20.10	1.29	21.15	1.31
		90	15.47	1.22	16.52	1.26	17.57	1.31	18.33	1.32	19.68	1.35	20.73	1.37
		95	15.03	1.27	16.07	1.32	17.12	1.36	17.60	1.38	19.21	1.41	20.26	1.43
		100	14.66	1.32	15.71	1.37	16.75	1.42	17.37	1.44	18.85	1.47	19.89	1.50
		105	14.29	1.38	15.34	1.43	16.39	1.48	17.14	1.50	18.48	1.53	19.53	1.56
		110	13.93	1.43	14.98	1.48	16.02	1.54	16.78	1.56	18.12	1.59	19.16	1.62
		115	13.56	1.49	14.61	1.54	15.66	1.60	16.41	1.61	17.75	1.64	18.80	1.68
		118	13.34	1.52	14.39	1.57	15.44	1.63	16.19	1.65	17.53	1.68	18.58	1.71
		122	13.27	1.56	14.32	1.62	15.36	1.68	16.12	1.70	17.46	1.73	18.50	1.76
	12" + 12"	-4	17.30	0.82	18.38	0.85	19.45	0.88	20.23	0.89	21.60	0.90	22.68	0.92
		0	17.29	0.83	18.37	0.86	19.44	0.89	20.22	0.90	21.59	0.91	22.66	0.93
		5	17.28	0.84	18.35	0.87	19.43	0.90	20.20	0.91	21.57	0.93	22.65	0.95
		10	17.27	0.85	18.34	0.88	19.41	0.91	20.19	0.93	21.56	0.94	22.63	0.96
		14	17.25	0.86	18.32	0.90	19.40	0.93	20.17	0.94	21.54	0.96	22.61	0.98
		20	17.24	0.88	18.31	0.91	19.38	0.94	20.15	0.95	21.52	0.97	22.59	0.99
		25	17.23	0.89	18.30	0.92	19.37	0.95	20.14	0.97	21.51	0.98	22.58	1.00
		30	17.21	0.90	18.28	0.93	19.35	0.97	20.12	0.98	21.49	1.00	22.56	1.02
		35	17.20	0.91	18.27	0.95	19.34	0.98	20.11	0.99	21.47	1.01	22.54	1.03
		40	17.19	0.93	18.25	0.96	19.32	0.99	20.09	1.01	21.46	1.02	22.52	1.05
		45	17.17	0.94	18.24	0.97	19.31	1.01	20.08	1.02	21.44	1.04	22.51	1.06
		50	17.16	0.95	18.23	0.99	19.29	1.02	20.06	1.03	21.42	1.05	22.49	1.07
		55	17.15	0.96	18.21	1.00	19.28	1.03	20.05	1.05	21.41	1.07	22.47	1.09
		60	17.13	0.98	18.20	1.01	19.26	1.05	20.03	1.06	21.39	1.08	22.46	1.10
		65	17.12	0.99	18.18	1.02	19.25	1.06	20.02	1.07	21.37	1.09	22.44	1.12
		70	17.11	1.00	18.17	1.04	19.23	1.07	20.00	1.09	21.36	1.11	22.42	1.13
		75	16.70	1.05	17.76	1.09	18.82	1.13	19.58	1.15	20.94	1.17	22.00	1.19
		80	16.29	1.11	17.34	1.15	18.40	1.19	19.16	1.20	20.51	1.23	21.57	1.25
		85	15.88	1.16	16.93	1.20	17.99	1.25	18.75	1.26	20.10	1.29	21.15	1.31
		90	15.47	1.22	16.52	1.26	17.57	1.31	18.33	1.32	19.68	1.35	20.73	1.37
		95	15.03	1.27	16.07	1.32	17.12	1.36	17.60	1.38	19.21	1.41	20.26	1.43
		100	14.66	1.32	15.71	1.37	16.75	1.42	17.37	1.44	18.85	1.47	19.89	1.50
		105	14.29	1.38	15.34	1.43	16.39	1.48	17.14	1.50	18.48	1.53	19.53	1.56
		110	13.93	1.43	14.98	1.48	16.02	1.54	16.78	1.56	18.12	1.59	19.16	1.62
		115	13.56	1.49	14.61	1.54	15.66	1.60	16.41	1.61	17.75	1.64	18.80	1.68
		118	13.34	1.52	14.39	1.57	15.44	1.63	16.19	1.65	17.53	1.68	18.58	1.71
		122	13.27	1.56	14.32	1.62	15.36	1.68	16.12	1.70	17.46	1.73	18.50	1.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 10: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7 + 7	-4	13.76	0.79	14.62	0.82	15.47	0.85	16.09	0.86	17.18	0.88	18.04	0.89
		0	13.76	0.80	14.61	0.83	15.47	0.86	16.08	0.87	17.17	0.89	18.03	0.90
		5	13.75	0.81	14.60	0.84	15.45	0.87	16.07	0.88	17.16	0.90	18.01	0.92
		10	13.73	0.82	14.59	0.85	15.44	0.89	16.06	0.90	17.15	0.91	18.00	0.93
		14	13.72	0.84	14.58	0.87	15.43	0.90	16.04	0.91	17.13	0.93	17.99	0.94
		20	13.71	0.85	14.57	0.88	15.42	0.91	16.03	0.92	17.12	0.94	17.97	0.96
		25	13.70	0.86	14.55	0.89	15.41	0.92	16.02	0.94	17.11	0.95	17.96	0.97
		30	13.69	0.87	14.54	0.90	15.39	0.94	16.01	0.95	17.09	0.97	17.94	0.99
		35	13.68	0.88	14.53	0.92	15.38	0.95	16.00	0.96	17.08	0.98	17.93	1.00
		40	13.67	0.90	14.52	0.93	15.37	0.96	15.98	0.97	17.07	0.99	17.92	1.01
		45	13.66	0.91	14.51	0.94	15.36	0.98	15.97	0.99	17.06	1.01	17.90	1.03
		50	13.65	0.92	14.50	0.95	15.35	0.99	15.96	1.00	17.04	1.02	17.89	1.04
		55	13.64	0.93	14.49	0.97	15.33	1.00	15.95	1.01	17.03	1.03	17.88	1.05
		60	13.63	0.94	14.48	0.98	15.32	1.02	15.93	1.03	17.02	1.05	17.86	1.07
		65	13.62	0.96	14.47	0.99	15.31	1.03	15.92	1.04	17.00	1.06	17.85	1.08
		70	13.61	0.97	14.45	1.00	15.30	1.04	15.91	1.05	16.99	1.07	17.83	1.09
		75	13.28	1.02	14.12	1.06	14.97	1.10	15.58	1.11	16.65	1.13	17.50	1.15
		80	12.95	1.07	13.80	1.11	14.64	1.15	15.24	1.17	16.32	1.19	17.16	1.21
		85	12.63	1.13	13.47	1.17	14.31	1.21	14.91	1.22	15.99	1.25	16.82	1.27
		90	12.30	1.18	13.14	1.22	13.98	1.27	14.58	1.28	15.65	1.30	16.49	1.33
		95	11.95	1.23	12.79	1.28	13.62	1.32	14.00	1.34	15.28	1.36	16.12	1.39
		100	11.66	1.28	12.49	1.33	13.33	1.38	13.82	1.39	14.99	1.42	15.82	1.45
		105	11.37	1.33	12.20	1.38	13.04	1.43	13.64	1.45	14.70	1.48	15.53	1.51
		110	11.08	1.39	11.91	1.44	12.74	1.49	13.35	1.51	14.41	1.54	15.24	1.57
		115	10.79	1.44	11.62	1.49	12.45	1.55	13.06	1.56	14.12	1.59	14.95	1.63
		118	10.61	1.47	11.45	1.52	12.28	1.58	12.88	1.60	13.94	1.63	14.78	1.66
		122	10.56	1.51	11.39	1.57	12.22	1.63	12.82	1.64	13.89	1.67	14.72	1.71
	7 + 9	-4	15.73	0.86	16.71	0.89	17.68	0.92	18.39	0.93	19.64	0.95	20.61	0.97
		0	15.72	0.87	16.70	0.90	17.67	0.93	18.38	0.94	19.63	0.96	20.60	0.98
		5	15.71	0.88	16.68	0.91	17.66	0.94	18.36	0.96	19.61	0.97	20.59	0.99
		10	15.70	0.89	16.67	0.93	17.65	0.96	18.35	0.97	19.60	0.99	20.57	1.01
		14	15.68	0.91	16.66	0.94	17.63	0.97	18.34	0.98	19.58	1.00	20.56	1.02
		20	15.67	0.92	16.65	0.95	17.62	0.99	18.32	1.00	19.57	1.02	20.54	1.04
		25	15.66	0.93	16.63	0.97	17.61	1.00	18.31	1.01	19.55	1.03	20.52	1.05
		30	15.65	0.94	16.62	0.98	17.59	1.01	18.29	1.03	19.54	1.05	20.51	1.07
		35	15.64	0.96	16.61	0.99	17.58	1.03	18.28	1.04	19.52	1.06	20.49	1.08
		40	15.62	0.97	16.60	1.01	17.57	1.04	18.27	1.05	19.51	1.07	20.48	1.10
		45	15.61	0.98	16.58	1.02	17.55	1.06	18.25	1.07	19.49	1.09	20.46	1.11
		50	15.60	1.00	16.57	1.03	17.54	1.07	18.24	1.08	19.48	1.10	20.45	1.13
		55	15.59	1.01	16.56	1.05	17.53	1.08	18.22	1.10	19.46	1.12	20.43	1.14
		60	15.58	1.02	16.54	1.06	17.51	1.10	18.21	1.11	19.45	1.13	20.41	1.15
		65	15.57	1.04	16.53	1.07	17.50	1.11	18.20	1.13	19.43	1.15	20.40	1.17
		70	15.55	1.05	16.52	1.09	17.49	1.13	18.18	1.14	19.42	1.16	20.38	1.18
		75	15.18	1.11	16.14	1.15	17.11	1.19	17.80	1.20	19.03	1.22	20.00	1.25
		80	14.80	1.16	15.77	1.20	16.73	1.25	17.42	1.26	18.65	1.29	19.61	1.31
		85	14.43	1.22	15.39	1.26	16.35	1.31	17.04	1.32	18.27	1.35	19.23	1.38
		90	14.06	1.27	15.02	1.32	15.98	1.37	16.67	1.39	17.89	1.41	18.84	1.44
		95	13.66	1.33	14.61	1.38	15.56	1.43	16.00	1.45	17.47	1.47	18.42	1.50
		100	13.33	1.39	14.28	1.44	15.23	1.49	15.79	1.51	17.13	1.54	18.09	1.57
		105	12.99	1.44	13.95	1.50	14.90	1.55	15.59	1.57	16.80	1.60	17.75	1.63
		110	12.66	1.50	13.61	1.56	14.57	1.61	15.25	1.63	16.47	1.66	17.42	1.70
		115	12.33	1.56	13.28	1.61	14.23	1.67	14.92	1.69	16.14	1.72	17.09	1.76
		118	12.13	1.59	13.08	1.65	14.03	1.71	14.72	1.73	15.94	1.76	16.89	1.80
		122	12.06	1.64	13.02	1.70	13.97	1.76	14.65	1.78	15.87	1.81	16.82	1.85

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 11: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	-4	17.70	0.92	18.80	0.95	19.89	0.99	20.69	1.00	22.09	1.02	23.19	1.04
		0	17.69	0.93	18.79	0.96	19.88	1.00	20.68	1.01	22.08	1.03	23.18	1.05
		5	17.67	0.95	18.77	0.98	19.87	1.02	20.66	1.03	22.06	1.05	23.16	1.07
		10	17.66	0.96	18.76	0.99	19.85	1.03	20.64	1.04	22.05	1.06	23.14	1.08
		14	17.65	0.97	18.74	1.01	19.84	1.05	20.63	1.06	22.03	1.08	23.12	1.10
		20	17.63	0.99	18.73	1.02	19.82	1.06	20.61	1.07	22.01	1.09	23.11	1.12
		25	17.62	1.00	18.71	1.04	19.81	1.08	20.60	1.09	22.00	1.11	23.09	1.13
		30	17.60	1.02	18.70	1.05	19.79	1.09	20.58	1.10	21.98	1.12	23.07	1.15
		35	17.59	1.03	18.68	1.07	19.78	1.11	20.57	1.12	21.96	1.14	23.05	1.16
		40	17.58	1.04	18.67	1.08	19.76	1.12	20.55	1.13	21.94	1.16	23.04	1.18
		45	17.56	1.06	18.66	1.10	19.75	1.14	20.53	1.15	21.93	1.17	23.02	1.19
		50	17.55	1.07	18.64	1.11	19.73	1.15	20.52	1.16	21.91	1.19	23.00	1.21
		55	17.54	1.09	18.63	1.13	19.72	1.17	20.50	1.18	21.89	1.20	22.98	1.23
		60	17.52	1.10	18.61	1.14	19.70	1.18	20.49	1.20	21.88	1.22	22.97	1.24
		65	17.51	1.11	18.60	1.15	19.69	1.20	20.47	1.21	21.86	1.23	22.95	1.26
		70	17.50	1.13	18.58	1.17	19.67	1.21	20.46	1.23	21.84	1.25	22.93	1.27
		75	17.08	1.19	18.16	1.23	19.24	1.28	20.03	1.29	21.41	1.32	22.50	1.34
		80	16.66	1.25	17.74	1.29	18.82	1.34	19.60	1.36	20.98	1.38	22.06	1.41
		85	16.24	1.31	17.32	1.36	18.40	1.41	19.17	1.42	20.55	1.45	21.63	1.48
		90	15.82	1.37	16.90	1.42	17.97	1.47	18.75	1.49	20.12	1.52	21.20	1.55
		95	15.37	1.43	16.44	1.48	17.51	1.54	18.00	1.56	19.65	1.59	20.72	1.62
		100	14.99	1.49	16.06	1.55	17.13	1.60	17.77	1.62	19.28	1.65	20.35	1.69
		105	14.62	1.55	15.69	1.61	16.76	1.67	17.53	1.69	18.90	1.72	19.97	1.75
		110	14.24	1.61	15.32	1.67	16.39	1.73	17.16	1.75	18.53	1.79	19.60	1.82
		115	13.87	1.68	14.94	1.74	16.01	1.80	16.79	1.82	18.15	1.85	19.22	1.89
		118	13.65	1.71	14.72	1.77	15.79	1.84	16.56	1.86	17.93	1.89	19.00	1.93
		122	13.57	1.76	14.64	1.82	15.71	1.89	16.49	1.91	17.85	1.95	18.92	1.99
	7 + 12	-4	18.68	0.95	19.84	0.99	21.00	1.02	21.84	1.04	23.32	1.05	24.48	1.08
		0	18.67	0.96	19.83	1.00	20.99	1.03	21.83	1.05	23.31	1.07	24.47	1.09
		5	18.65	0.98	19.81	1.01	20.97	1.05	21.81	1.06	23.29	1.08	24.45	1.11
		10	18.64	0.99	19.80	1.03	20.96	1.07	21.79	1.08	23.27	1.10	24.43	1.12
		14	18.63	1.01	19.78	1.04	20.94	1.08	21.77	1.09	23.25	1.12	24.41	1.14
		20	18.61	1.02	19.77	1.06	20.92	1.10	21.76	1.11	23.23	1.13	24.39	1.15
		25	18.60	1.04	19.75	1.07	20.91	1.11	21.74	1.13	23.22	1.15	24.37	1.17
		30	18.58	1.05	19.74	1.09	20.89	1.13	21.72	1.14	23.20	1.16	24.35	1.19
		35	18.57	1.07	19.72	1.10	20.88	1.14	21.71	1.16	23.18	1.18	24.33	1.20
		40	18.55	1.08	19.71	1.12	20.86	1.16	21.69	1.17	23.16	1.20	24.32	1.22
		45	18.54	1.09	19.69	1.13	20.84	1.18	21.67	1.19	23.15	1.21	24.30	1.24
		50	18.53	1.11	19.68	1.15	20.83	1.19	21.66	1.21	23.13	1.23	24.28	1.25
		55	18.51	1.12	19.66	1.16	20.81	1.21	21.64	1.22	23.11	1.24	24.26	1.27
		60	18.50	1.14	19.65	1.18	20.80	1.22	21.63	1.24	23.09	1.26	24.24	1.29
		65	18.48	1.15	19.63	1.19	20.78	1.24	21.61	1.25	23.08	1.28	24.22	1.30
		70	18.47	1.17	19.62	1.21	20.76	1.25	21.59	1.27	23.06	1.29	24.20	1.32
		75	18.02	1.23	19.17	1.27	20.31	1.32	21.14	1.34	22.60	1.36	23.75	1.39
		80	17.58	1.29	18.72	1.34	19.86	1.39	20.69	1.40	22.15	1.43	23.29	1.46
		85	17.14	1.36	18.28	1.41	19.42	1.46	20.24	1.47	21.69	1.50	22.83	1.53
		90	16.70	1.42	17.84	1.47	18.97	1.52	19.79	1.54	21.24	1.57	22.38	1.60
		95	16.22	1.48	17.35	1.54	18.48	1.59	19.00	1.61	20.74	1.64	21.87	1.67
		100	15.83	1.54	16.96	1.60	18.09	1.66	18.75	1.68	20.35	1.71	21.48	1.74
		105	15.43	1.61	16.56	1.67	17.69	1.73	18.51	1.75	19.95	1.78	21.08	1.82
		110	15.04	1.67	16.17	1.73	17.30	1.79	18.11	1.82	19.56	1.85	20.69	1.89
		115	14.64	1.73	15.77	1.80	16.90	1.86	17.72	1.88	19.16	1.92	20.29	1.96
		118	14.40	1.77	15.53	1.84	16.66	1.90	17.48	1.92	18.92	1.96	20.05	2.00
		122	14.33	1.82	15.46	1.89	16.59	1.96	17.40	1.98	18.85	2.02	19.98	2.06

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 12: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 12	-4	20.65	1.02	21.93	1.05	23.21	1.09	24.14	1.11	25.77	1.13	27.06	1.15
		0	20.63	1.03	21.92	1.07	23.20	1.11	24.12	1.12	25.76	1.14	27.04	1.16
		5	20.62	1.05	21.90	1.08	23.18	1.12	24.10	1.14	25.74	1.16	27.02	1.18
		10	20.60	1.06	21.88	1.10	23.16	1.14	24.08	1.15	25.72	1.17	27.00	1.20
		14	20.59	1.08	21.86	1.12	23.14	1.16	24.07	1.17	25.70	1.19	26.98	1.22
		20	20.57	1.09	21.85	1.13	23.13	1.17	24.05	1.19	25.68	1.21	26.96	1.23
		25	20.55	1.11	21.83	1.15	23.11	1.19	24.03	1.20	25.66	1.23	26.94	1.25
		30	20.54	1.12	21.81	1.16	23.09	1.21	24.01	1.22	25.64	1.24	26.92	1.27
		35	20.52	1.14	21.80	1.18	23.07	1.22	23.99	1.24	25.62	1.26	26.90	1.29
		40	20.51	1.15	21.78	1.20	23.05	1.24	23.97	1.25	25.60	1.28	26.88	1.30
		45	20.49	1.17	21.76	1.21	23.04	1.26	23.96	1.27	25.58	1.29	26.86	1.32
		50	20.48	1.18	21.75	1.23	23.02	1.27	23.94	1.29	25.56	1.31	26.83	1.34
		55	20.46	1.20	21.73	1.24	23.00	1.29	23.92	1.30	25.54	1.33	26.81	1.36
		60	20.44	1.22	21.71	1.26	22.98	1.31	23.90	1.32	25.52	1.35	26.79	1.37
		65	20.43	1.23	21.70	1.28	22.97	1.32	23.88	1.34	25.50	1.36	26.77	1.39
		70	20.41	1.25	21.68	1.29	22.95	1.34	23.86	1.35	25.48	1.38	26.75	1.41
		75	19.92	1.31	21.19	1.36	22.45	1.41	23.36	1.43	24.98	1.45	26.25	1.48
		80	19.43	1.38	20.69	1.43	21.95	1.48	22.87	1.50	24.48	1.53	25.74	1.56
		85	18.94	1.45	20.20	1.50	21.46	1.56	22.37	1.57	23.98	1.60	25.24	1.64
		90	18.46	1.52	19.71	1.57	20.97	1.63	21.87	1.65	23.48	1.68	24.73	1.71
		95	17.93	1.58	19.18	1.64	20.43	1.70	21.00	1.72	22.93	1.75	24.17	1.79
		100	17.49	1.65	18.74	1.71	19.99	1.77	20.73	1.79	22.49	1.83	23.74	1.86
		105	17.06	1.72	18.30	1.78	19.55	1.84	20.46	1.87	22.05	1.90	23.30	1.94
		110	16.62	1.78	17.87	1.85	19.12	1.92	20.02	1.94	21.62	1.98	22.86	2.02
		115	16.18	1.85	17.43	1.92	18.68	1.99	19.58	2.01	21.18	2.05	22.43	2.09
		118	15.92	1.89	17.17	1.96	18.42	2.03	19.32	2.06	20.92	2.09	22.17	2.14
		122	15.83	1.95	17.08	2.02	18.33	2.09	19.23	2.11	20.83	2.15	22.08	2.20
	7 + 15	-4	21.63	1.05	22.97	1.09	24.32	1.13	25.29	1.14	27.00	1.16	28.35	1.19
		0	21.62	1.06	22.96	1.10	24.30	1.14	25.27	1.15	26.99	1.17	28.33	1.20
		5	21.60	1.08	22.94	1.12	24.28	1.16	25.25	1.17	26.97	1.19	28.31	1.22
		10	21.58	1.09	22.92	1.13	24.26	1.18	25.23	1.19	26.94	1.21	28.29	1.24
		14	21.57	1.11	22.91	1.15	24.25	1.19	25.21	1.21	26.92	1.23	28.26	1.25
		20	21.55	1.13	22.89	1.17	24.23	1.21	25.19	1.22	26.90	1.25	28.24	1.27
		25	21.53	1.14	22.87	1.18	24.21	1.23	25.17	1.24	26.88	1.26	28.22	1.29
		30	21.52	1.16	22.85	1.20	24.19	1.24	25.15	1.26	26.86	1.28	28.20	1.31
		35	21.50	1.17	22.84	1.22	24.17	1.26	25.14	1.28	26.84	1.30	28.18	1.33
		40	21.48	1.19	22.82	1.23	24.15	1.28	25.12	1.29	26.82	1.32	28.16	1.34
		45	21.47	1.21	22.80	1.25	24.13	1.30	25.10	1.31	26.80	1.33	28.13	1.36
		50	21.45	1.22	22.78	1.27	24.12	1.31	25.08	1.33	26.78	1.35	28.11	1.38
		55	21.43	1.24	22.77	1.28	24.10	1.33	25.06	1.35	26.76	1.37	28.09	1.40
		60	21.42	1.25	22.75	1.30	24.08	1.35	25.04	1.36	26.74	1.39	28.07	1.42
		65	21.40	1.27	22.73	1.32	24.06	1.36	25.02	1.38	26.72	1.41	28.05	1.43
		70	21.39	1.29	22.71	1.33	24.04	1.38	25.00	1.40	26.70	1.42	28.03	1.45
		75	20.87	1.35	22.20	1.40	23.52	1.46	24.48	1.47	26.17	1.50	27.50	1.53
		80	20.36	1.42	21.68	1.48	23.00	1.53	23.95	1.55	25.64	1.58	26.96	1.61
		85	19.85	1.49	21.16	1.55	22.48	1.60	23.44	1.62	25.12	1.65	26.44	1.69
		90	19.34	1.56	20.65	1.62	21.97	1.68	22.92	1.70	24.60	1.73	25.91	1.77
		95	18.78	1.63	20.09	1.69	21.40	1.75	22.00	1.77	24.02	1.81	25.33	1.84
		100	18.33	1.70	19.63	1.76	20.94	1.83	21.71	1.85	23.56	1.88	24.87	1.92
		105	17.87	1.77	19.18	1.84	20.48	1.90	21.43	1.92	23.10	1.96	24.41	2.00
		110	17.41	1.84	18.72	1.91	20.03	1.98	20.97	2.00	22.64	2.04	23.95	2.08
		115	16.95	1.91	18.26	1.98	19.57	2.05	20.52	2.08	22.19	2.11	23.50	2.16
		118	16.68	1.95	17.99	2.02	19.30	2.10	20.24	2.12	21.91	2.16	23.22	2.20
		122	16.59	2.01	17.90	2.08	19.20	2.16	20.15	2.18	21.82	2.22	23.13	2.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 13: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 15	-4	23.60	1.11	25.06	1.16	26.53	1.20	27.58	1.21	29.46	1.23	30.92	1.26
		0	23.58	1.13	25.05	1.17	26.51	1.21	27.57	1.22	29.44	1.25	30.91	1.27
		5	23.56	1.15	25.03	1.19	26.49	1.23	27.55	1.24	29.42	1.27	30.88	1.29
		10	23.55	1.16	25.01	1.20	26.47	1.25	27.53	1.26	29.39	1.29	30.86	1.31
		14	23.53	1.18	24.99	1.22	26.45	1.27	27.50	1.28	29.37	1.31	30.83	1.33
		20	23.51	1.20	24.97	1.24	26.43	1.28	27.48	1.30	29.35	1.32	30.81	1.35
		25	23.49	1.21	24.95	1.26	26.41	1.30	27.46	1.32	29.33	1.34	30.79	1.37
		30	23.47	1.23	24.93	1.27	26.39	1.32	27.44	1.34	29.30	1.36	30.76	1.39
		35	23.46	1.25	24.91	1.29	26.37	1.34	27.42	1.35	29.28	1.38	30.74	1.41
		40	23.44	1.26	24.89	1.31	26.35	1.36	27.40	1.37	29.26	1.40	30.72	1.43
		45	23.42	1.28	24.87	1.33	26.33	1.38	27.38	1.39	29.24	1.42	30.69	1.45
		50	23.40	1.30	24.85	1.34	26.31	1.39	27.36	1.41	29.21	1.44	30.67	1.47
		55	23.38	1.31	24.84	1.36	26.29	1.41	27.34	1.43	29.19	1.46	30.64	1.48
		60	23.37	1.33	24.82	1.38	26.27	1.43	27.32	1.45	29.17	1.47	30.62	1.50
		65	23.35	1.35	24.80	1.40	26.25	1.45	27.29	1.47	29.15	1.49	30.60	1.52
		70	23.33	1.37	24.78	1.42	26.23	1.47	27.27	1.48	29.13	1.51	30.57	1.54
		75	22.77	1.44	24.21	1.49	25.66	1.55	26.70	1.56	28.55	1.59	29.99	1.63
		80	22.21	1.51	23.65	1.57	25.09	1.63	26.13	1.64	27.97	1.67	29.42	1.71
		85	21.65	1.59	23.09	1.64	24.53	1.70	25.57	1.72	27.40	1.76	28.84	1.79
		90	21.09	1.66	22.53	1.72	23.96	1.78	25.00	1.80	26.83	1.84	28.27	1.87
		95	20.49	1.73	21.92	1.80	23.35	1.86	24.00	1.88	26.20	1.92	27.63	1.96
		100	19.99	1.81	21.42	1.87	22.85	1.94	23.69	1.96	25.70	2.00	27.13	2.04
		105	19.49	1.88	20.92	1.95	22.35	2.02	23.38	2.04	25.20	2.08	26.63	2.12
		110	18.99	1.95	20.42	2.03	21.85	2.10	22.88	2.12	24.70	2.16	26.13	2.21
		115	18.49	2.03	19.92	2.10	21.35	2.18	22.38	2.20	24.20	2.25	25.63	2.29
		118	18.19	2.07	19.62	2.15	21.05	2.23	22.08	2.25	23.90	2.29	25.33	2.34
		122	18.10	2.13	19.52	2.21	20.95	2.29	21.98	2.32	23.81	2.36	25.23	2.41
	12 + 12	-4	23.60	1.11	25.06	1.16	26.53	1.20	27.58	1.21	29.46	1.23	30.92	1.26
		0	23.58	1.13	25.05	1.17	26.51	1.21	27.57	1.22	29.44	1.25	30.91	1.27
		5	23.56	1.15	25.03	1.19	26.49	1.23	27.55	1.24	29.42	1.27	30.88	1.29
		10	23.55	1.16	25.01	1.20	26.47	1.25	27.53	1.26	29.39	1.29	30.86	1.31
		14	23.53	1.18	24.99	1.22	26.45	1.27	27.50	1.28	29.37	1.31	30.83	1.33
		20	23.51	1.20	24.97	1.24	26.43	1.28	27.48	1.30	29.35	1.32	30.81	1.35
		25	23.49	1.21	24.95	1.26	26.41	1.30	27.46	1.32	29.33	1.34	30.79	1.37
		30	23.47	1.23	24.93	1.27	26.39	1.32	27.44	1.34	29.30	1.36	30.76	1.39
		35	23.46	1.25	24.91	1.29	26.37	1.34	27.42	1.35	29.28	1.38	30.74	1.41
		40	23.44	1.26	24.89	1.31	26.35	1.36	27.40	1.37	29.26	1.40	30.72	1.43
		45	23.42	1.28	24.87	1.33	26.33	1.38	27.38	1.39	29.24	1.42	30.69	1.45
		50	23.40	1.30	24.85	1.34	26.31	1.39	27.36	1.41	29.21	1.44	30.67	1.47
		55	23.38	1.31	24.84	1.36	26.29	1.41	27.34	1.43	29.19	1.46	30.64	1.48
		60	23.37	1.33	24.82	1.38	26.27	1.43	27.32	1.45	29.17	1.47	30.62	1.50
		65	23.35	1.35	24.80	1.40	26.25	1.45	27.29	1.47	29.15	1.49	30.60	1.52
		70	23.33	1.37	24.78	1.42	26.23	1.47	27.27	1.48	29.13	1.51	30.57	1.54
		75	22.77	1.44	24.21	1.49	25.66	1.55	26.70	1.56	28.55	1.59	29.99	1.63
		80	22.21	1.51	23.65	1.57	25.09	1.63	26.13	1.64	27.97	1.67	29.42	1.71
		85	21.65	1.59	23.09	1.64	24.53	1.70	25.57	1.72	27.40	1.76	28.84	1.79
		90	21.09	1.66	22.53	1.72	23.96	1.78	25.00	1.80	26.83	1.84	28.27	1.87
		95	20.49	1.73	21.92	1.80	23.35	1.86	24.00	1.88	26.20	1.92	27.63	1.96
		100	19.99	1.81	21.42	1.87	22.85	1.94	23.69	1.96	25.70	2.00	27.13	2.04
		105	19.49	1.88	20.92	1.95	22.35	2.02	23.38	2.04	25.20	2.08	26.63	2.12
		110	18.99	1.95	20.42	2.03	21.85	2.10	22.88	2.12	24.70	2.16	26.13	2.21
		115	18.49	2.03	19.92	2.10	21.35	2.18	22.38	2.20	24.20	2.25	25.63	2.29
		118	18.19	2.07	19.62	2.15	21.05	2.23	22.08	2.25	23.90	2.29	25.33	2.34
		122	18.10	2.13	19.52	2.21	20.95	2.29	21.98	2.32	23.81	2.36	25.23	2.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 14: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7 + 18	-4	23.60	1.11	25.06	1.16	26.53	1.20	27.58	1.21	29.46	1.23	30.92	1.26
		0	23.58	1.13	25.05	1.17	26.51	1.21	27.57	1.22	29.44	1.25	30.91	1.27
		5	23.56	1.15	25.03	1.19	26.49	1.23	27.55	1.24	29.42	1.27	30.88	1.29
		10	23.55	1.16	25.01	1.20	26.47	1.25	27.53	1.26	29.39	1.29	30.86	1.31
		14	23.53	1.18	24.99	1.22	26.45	1.27	27.50	1.28	29.37	1.31	30.83	1.33
		20	23.51	1.20	24.97	1.24	26.43	1.28	27.48	1.30	29.35	1.32	30.81	1.35
		25	23.49	1.21	24.95	1.26	26.41	1.30	27.46	1.32	29.33	1.34	30.79	1.37
		30	23.47	1.23	24.93	1.27	26.39	1.32	27.44	1.34	29.30	1.36	30.76	1.39
		35	23.46	1.25	24.91	1.29	26.37	1.34	27.42	1.35	29.28	1.38	30.74	1.41
		40	23.44	1.26	24.89	1.31	26.35	1.36	27.40	1.37	29.26	1.40	30.72	1.43
		45	23.42	1.28	24.87	1.33	26.33	1.38	27.38	1.39	29.24	1.42	30.69	1.45
		50	23.40	1.30	24.85	1.34	26.31	1.39	27.36	1.41	29.21	1.44	30.67	1.47
		55	23.38	1.31	24.84	1.36	26.29	1.41	27.34	1.43	29.19	1.46	30.64	1.48
		60	23.37	1.33	24.82	1.38	26.27	1.43	27.32	1.45	29.17	1.47	30.62	1.50
		65	23.35	1.35	24.80	1.40	26.25	1.45	27.29	1.47	29.15	1.49	30.60	1.52
		70	23.33	1.37	24.78	1.42	26.23	1.47	27.27	1.48	29.13	1.51	30.57	1.54
		75	22.77	1.44	24.21	1.49	25.66	1.55	26.70	1.56	28.55	1.59	29.99	1.63
		80	22.21	1.51	23.65	1.57	25.09	1.63	26.13	1.64	27.97	1.67	29.42	1.71
		85	21.65	1.59	23.09	1.64	24.53	1.70	25.57	1.72	27.40	1.76	28.84	1.79
		90	21.09	1.66	22.53	1.72	23.96	1.78	25.00	1.80	26.83	1.84	28.27	1.87
		95	20.49	1.73	21.92	1.80	23.35	1.86	24.00	1.88	26.20	1.92	27.63	1.96
		100	19.99	1.81	21.42	1.87	22.85	1.94	23.69	1.96	25.70	2.00	27.13	2.04
		105	19.49	1.88	20.92	1.95	22.35	2.02	23.38	2.04	25.20	2.08	26.63	2.12
		110	18.99	1.95	20.42	2.03	21.85	2.10	22.88	2.12	24.70	2.16	26.13	2.21
		115	18.49	2.03	19.92	2.10	21.35	2.18	22.38	2.20	24.20	2.25	25.63	2.29
		118	18.19	2.07	19.62	2.15	21.05	2.23	22.08	2.25	23.90	2.29	25.33	2.34
		122	18.10	2.13	19.52	2.21	20.95	2.29	21.98	2.32	23.81	2.36	25.23	2.41
	9 + 18	-4	23.60	1.11	25.06	1.16	26.53	1.20	27.58	1.21	29.46	1.23	30.92	1.26
		0	23.58	1.13	25.05	1.17	26.51	1.21	27.57	1.22	29.44	1.25	30.91	1.27
		5	23.56	1.15	25.03	1.19	26.49	1.23	27.55	1.24	29.42	1.27	30.88	1.29
		10	23.55	1.16	25.01	1.20	26.47	1.25	27.53	1.26	29.39	1.29	30.86	1.31
		14	23.53	1.18	24.99	1.22	26.45	1.27	27.50	1.28	29.37	1.31	30.83	1.33
		20	23.51	1.20	24.97	1.24	26.43	1.28	27.48	1.30	29.35	1.32	30.81	1.35
		25	23.49	1.21	24.95	1.26	26.41	1.30	27.46	1.32	29.33	1.34	30.79	1.37
		30	23.47	1.23	24.93	1.27	26.39	1.32	27.44	1.34	29.30	1.36	30.76	1.39
		35	23.46	1.25	24.91	1.29	26.37	1.34	27.42	1.35	29.28	1.38	30.74	1.41
		40	23.44	1.26	24.89	1.31	26.35	1.36	27.40	1.37	29.26	1.40	30.72	1.43
		45	23.42	1.28	24.87	1.33	26.33	1.38	27.38	1.39	29.24	1.42	30.69	1.45
		50	23.40	1.30	24.85	1.34	26.31	1.39	27.36	1.41	29.21	1.44	30.67	1.47
		55	23.38	1.31	24.84	1.36	26.29	1.41	27.34	1.43	29.19	1.46	30.64	1.48
		60	23.37	1.33	24.82	1.38	26.27	1.43	27.32	1.45	29.17	1.47	30.62	1.50
		65	23.35	1.35	24.80	1.40	26.25	1.45	27.29	1.47	29.15	1.49	30.60	1.52
		70	23.33	1.37	24.78	1.42	26.23	1.47	27.27	1.48	29.13	1.51	30.57	1.54
		75	22.77	1.44	24.21	1.49	25.66	1.55	26.70	1.56	28.55	1.59	29.99	1.63
		80	22.21	1.51	23.65	1.57	25.09	1.63	26.13	1.64	27.97	1.67	29.42	1.71
		85	21.65	1.59	23.09	1.64	24.53	1.70	25.57	1.72	27.40	1.76	28.84	1.79
		90	21.09	1.66	22.53	1.72	23.96	1.78	25.00	1.80	26.83	1.84	28.27	1.87
		95	20.49	1.73	21.92	1.80	23.35	1.86	24.00	1.88	26.20	1.92	27.63	1.96
		100	19.99	1.81	21.42	1.87	22.85	1.94	23.69	1.96	25.70	2.00	27.13	2.04
		105	19.49	1.88	20.92	1.95	22.35	2.02	23.38	2.04	25.20	2.08	26.63	2.12
		110	18.99	1.95	20.42	2.03	21.85	2.10	22.88	2.12	24.70	2.16	26.13	2.21
		115	18.49	2.03	19.92	2.10	21.35	2.18	22.38	2.20	24.20	2.25	25.63	2.29
		118	18.19	2.07	19.62	2.15	21.05	2.23	22.08	2.25	23.90	2.29	25.33	2.34
		122	18.10	2.13	19.52	2.21	20.95	2.29	21.98	2.32	23.81	2.36	25.23	2.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 15: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 15	-4	23.60	1.11	25.06	1.16	26.53	1.20	27.58	1.21	29.46	1.23	30.92	1.26
		0	23.58	1.13	25.05	1.17	26.51	1.21	27.57	1.22	29.44	1.25	30.91	1.27
		5	23.56	1.15	25.03	1.19	26.49	1.23	27.55	1.24	29.42	1.27	30.88	1.29
		10	23.55	1.16	25.01	1.20	26.47	1.25	27.53	1.26	29.39	1.29	30.86	1.31
		14	23.53	1.18	24.99	1.22	26.45	1.27	27.50	1.28	29.37	1.31	30.83	1.33
		20	23.51	1.20	24.97	1.24	26.43	1.28	27.48	1.30	29.35	1.32	30.81	1.35
		25	23.49	1.21	24.95	1.26	26.41	1.30	27.46	1.32	29.33	1.34	30.79	1.37
		30	23.47	1.23	24.93	1.27	26.39	1.32	27.44	1.34	29.30	1.36	30.76	1.39
		35	23.46	1.25	24.91	1.29	26.37	1.34	27.42	1.35	29.28	1.38	30.74	1.41
		40	23.44	1.26	24.89	1.31	26.35	1.36	27.40	1.37	29.26	1.40	30.72	1.43
		45	23.42	1.28	24.87	1.33	26.33	1.38	27.38	1.39	29.24	1.42	30.69	1.45
		50	23.40	1.30	24.85	1.34	26.31	1.39	27.36	1.41	29.21	1.44	30.67	1.47
		55	23.38	1.31	24.84	1.36	26.29	1.41	27.34	1.43	29.19	1.46	30.64	1.48
		60	23.37	1.33	24.82	1.38	26.27	1.43	27.32	1.45	29.17	1.47	30.62	1.50
		65	23.35	1.35	24.80	1.40	26.25	1.45	27.29	1.47	29.15	1.49	30.60	1.52
		70	23.33	1.37	24.78	1.42	26.23	1.47	27.27	1.48	29.13	1.51	30.57	1.54
		75	22.77	1.44	24.21	1.49	25.66	1.55	26.70	1.56	28.55	1.59	29.99	1.63
		80	22.21	1.51	23.65	1.57	25.09	1.63	26.13	1.64	27.97	1.67	29.42	1.71
		85	21.65	1.59	23.09	1.64	24.53	1.70	25.57	1.72	27.40	1.76	28.84	1.79
		90	21.09	1.66	22.53	1.72	23.96	1.78	25.00	1.80	26.83	1.84	28.27	1.87
		95	20.49	1.73	21.92	1.80	23.35	1.86	24.00	1.88	26.20	1.92	27.63	1.96
		100	19.99	1.81	21.42	1.87	22.85	1.94	23.69	1.96	25.70	2.00	27.13	2.04
		105	19.49	1.88	20.92	1.95	22.35	2.02	23.38	2.04	25.20	2.08	26.63	2.12
		110	18.99	1.95	20.42	2.03	21.85	2.10	22.88	2.12	24.70	2.16	26.13	2.21
		115	18.49	2.03	19.92	2.10	21.35	2.18	22.38	2.20	24.20	2.25	25.63	2.29
		118	18.19	2.07	19.62	2.15	21.05	2.23	22.08	2.25	23.90	2.29	25.33	2.34
		122	18.10	2.13	19.52	2.21	20.95	2.29	21.98	2.32	23.81	2.36	25.23	2.41
	12 + 18	-4	23.60	1.11	25.06	1.16	26.53	1.20	27.58	1.21	29.46	1.23	30.92	1.26
		0	23.58	1.13	25.05	1.17	26.51	1.21	27.57	1.22	29.44	1.25	30.91	1.27
		5	23.56	1.15	25.03	1.19	26.49	1.23	27.55	1.24	29.42	1.27	30.88	1.29
		10	23.55	1.16	25.01	1.20	26.47	1.25	27.53	1.26	29.39	1.29	30.86	1.31
		14	23.53	1.18	24.99	1.22	26.45	1.27	27.50	1.28	29.37	1.31	30.83	1.33
		20	23.51	1.20	24.97	1.24	26.43	1.28	27.48	1.30	29.35	1.32	30.81	1.35
		25	23.49	1.21	24.95	1.26	26.41	1.30	27.46	1.32	29.33	1.34	30.79	1.37
		30	23.47	1.23	24.93	1.27	26.39	1.32	27.44	1.34	29.30	1.36	30.76	1.39
		35	23.46	1.25	24.91	1.29	26.37	1.34	27.42	1.35	29.28	1.38	30.74	1.41
		40	23.44	1.26	24.89	1.31	26.35	1.36	27.40	1.37	29.26	1.40	30.72	1.43
		45	23.42	1.28	24.87	1.33	26.33	1.38	27.38	1.39	29.24	1.42	30.69	1.45
		50	23.40	1.30	24.85	1.34	26.31	1.39	27.36	1.41	29.21	1.44	30.67	1.47
		55	23.38	1.31	24.84	1.36	26.29	1.41	27.34	1.43	29.19	1.46	30.64	1.48
		60	23.37	1.33	24.82	1.38	26.27	1.43	27.32	1.45	29.17	1.47	30.62	1.50
		65	23.35	1.35	24.80	1.40	26.25	1.45	27.29	1.47	29.15	1.49	30.60	1.52
		70	23.33	1.37	24.78	1.42	26.23	1.47	27.27	1.48	29.13	1.51	30.57	1.54
		75	22.77	1.44	24.21	1.49	25.66	1.55	26.70	1.56	28.55	1.59	29.99	1.63
		80	22.21	1.51	23.65	1.57	25.09	1.63	26.13	1.64	27.97	1.67	29.42	1.71
		85	21.65	1.59	23.09	1.64	24.53	1.70	25.57	1.72	27.40	1.76	28.84	1.79
		90	21.09	1.66	22.53	1.72	23.96	1.78	25.00	1.80	26.83	1.84	28.27	1.87
		95	20.49	1.73	21.92	1.80	23.35	1.86	24.00	1.88	26.20	1.92	27.63	1.96
		100	19.99	1.81	21.42	1.87	22.85	1.94	23.69	1.96	25.70	2.00	27.13	2.04
		105	19.49	1.88	20.92	1.95	22.35	2.02	23.38	2.04	25.20	2.08	26.63	2.12
		110	18.99	1.95	20.42	2.03	21.85	2.10	22.88	2.12	24.70	2.16	26.13	2.21
		115	18.49	2.03	19.92	2.10	21.35	2.18	22.38	2.20	24.20	2.25	25.63	2.29
		118	18.19	2.07	19.62	2.15	21.05	2.23	22.08	2.25	23.90	2.29	25.33	2.34
		122	18.10	2.13	19.52	2.21	20.95	2.29	21.98	2.32	23.81	2.36	25.23	2.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 16: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15 + 15	-4	23.60	1.11	25.06	1.16	26.53	1.20	27.58	1.21	29.46	1.23	30.92	1.26
		0	23.58	1.13	25.05	1.17	26.51	1.21	27.57	1.22	29.44	1.25	30.91	1.27
		5	23.56	1.15	25.03	1.19	26.49	1.23	27.55	1.24	29.42	1.27	30.88	1.29
		10	23.55	1.16	25.01	1.20	26.47	1.25	27.53	1.26	29.39	1.29	30.86	1.31
		14	23.53	1.18	24.99	1.22	26.45	1.27	27.50	1.28	29.37	1.31	30.83	1.33
		20	23.51	1.20	24.97	1.24	26.43	1.28	27.48	1.30	29.35	1.32	30.81	1.35
		25	23.49	1.21	24.95	1.26	26.41	1.30	27.46	1.32	29.33	1.34	30.79	1.37
		30	23.47	1.23	24.93	1.27	26.39	1.32	27.44	1.34	29.30	1.36	30.76	1.39
		35	23.46	1.25	24.91	1.29	26.37	1.34	27.42	1.35	29.28	1.38	30.74	1.41
		40	23.44	1.26	24.89	1.31	26.35	1.36	27.40	1.37	29.26	1.40	30.72	1.43
		45	23.42	1.28	24.87	1.33	26.33	1.38	27.38	1.39	29.24	1.42	30.69	1.45
		50	23.40	1.30	24.85	1.34	26.31	1.39	27.36	1.41	29.21	1.44	30.67	1.47
		55	23.38	1.31	24.84	1.36	26.29	1.41	27.34	1.43	29.19	1.46	30.64	1.48
		60	23.37	1.33	24.82	1.38	26.27	1.43	27.32	1.45	29.17	1.47	30.62	1.50
		65	23.35	1.35	24.80	1.40	26.25	1.45	27.29	1.47	29.15	1.49	30.60	1.52
		70	23.33	1.37	24.78	1.42	26.23	1.47	27.27	1.48	29.13	1.51	30.57	1.54
		75	22.77	1.44	24.21	1.49	25.66	1.55	26.70	1.56	28.55	1.59	29.99	1.63
		80	22.21	1.51	23.65	1.57	25.09	1.63	26.13	1.64	27.97	1.67	29.42	1.71
		85	21.65	1.59	23.09	1.64	24.53	1.70	25.57	1.72	27.40	1.76	28.84	1.79
		90	21.09	1.66	22.53	1.72	23.96	1.78	25.00	1.80	26.83	1.84	28.27	1.87
		95	20.49	1.73	21.92	1.80	23.35	1.86	24.00	1.88	26.20	1.92	27.63	1.96
		100	19.99	1.81	21.42	1.87	22.85	1.94	23.69	1.96	25.70	2.00	27.13	2.04
		105	19.49	1.88	20.92	1.95	22.35	2.02	23.38	2.04	25.20	2.08	26.63	2.12
		110	18.99	1.95	20.42	2.03	21.85	2.10	22.88	2.12	24.70	2.16	26.13	2.21
		115	18.49	2.03	19.92	2.10	21.35	2.18	22.38	2.20	24.20	2.25	25.63	2.29
		118	18.19	2.07	19.62	2.15	21.05	2.23	22.08	2.25	23.90	2.29	25.33	2.34
		122	18.10	2.13	19.52	2.21	20.95	2.29	21.98	2.32	23.81	2.36	25.23	2.41
	15 + 18	-4	23.60	1.11	25.06	1.16	26.53	1.20	27.58	1.21	29.46	1.23	30.92	1.26
		0	23.58	1.13	25.05	1.17	26.51	1.21	27.57	1.22	29.44	1.25	30.91	1.27
		5	23.56	1.15	25.03	1.19	26.49	1.23	27.55	1.24	29.42	1.27	30.88	1.29
		10	23.55	1.16	25.01	1.20	26.47	1.25	27.53	1.26	29.39	1.29	30.86	1.31
		14	23.53	1.18	24.99	1.22	26.45	1.27	27.50	1.28	29.37	1.31	30.83	1.33
		20	23.51	1.20	24.97	1.24	26.43	1.28	27.48	1.30	29.35	1.32	30.81	1.35
		25	23.49	1.21	24.95	1.26	26.41	1.30	27.46	1.32	29.33	1.34	30.79	1.37
		30	23.47	1.23	24.93	1.27	26.39	1.32	27.44	1.34	29.30	1.36	30.76	1.39
		35	23.46	1.25	24.91	1.29	26.37	1.34	27.42	1.35	29.28	1.38	30.74	1.41
		40	23.44	1.26	24.89	1.31	26.35	1.36	27.40	1.37	29.26	1.40	30.72	1.43
		45	23.42	1.28	24.87	1.33	26.33	1.38	27.38	1.39	29.24	1.42	30.69	1.45
		50	23.40	1.30	24.85	1.34	26.31	1.39	27.36	1.41	29.21	1.44	30.67	1.47
		55	23.38	1.31	24.84	1.36	26.29	1.41	27.34	1.43	29.19	1.46	30.64	1.48
		60	23.37	1.33	24.82	1.38	26.27	1.43	27.32	1.45	29.17	1.47	30.62	1.50
		65	23.35	1.35	24.80	1.40	26.25	1.45	27.29	1.47	29.15	1.49	30.60	1.52
		70	23.33	1.37	24.78	1.42	26.23	1.47	27.27	1.48	29.13	1.51	30.57	1.54
		75	22.77	1.44	24.21	1.49	25.66	1.55	26.70	1.56	28.55	1.59	29.99	1.63
		80	22.21	1.51	23.65	1.57	25.09	1.63	26.13	1.64	27.97	1.67	29.42	1.71
		85	21.65	1.59	23.09	1.64	24.53	1.70	25.57	1.72	27.40	1.76	28.84	1.79
		90	21.09	1.66	22.53	1.72	23.96	1.78	25.00	1.80	26.83	1.84	28.27	1.87
		95	20.49	1.73	21.92	1.80	23.35	1.86	24.00	1.88	26.20	1.92	27.63	1.96
		100	19.99	1.81	21.42	1.87	22.85	1.94	23.69	1.96	25.70	2.00	27.13	2.04
		105	19.49	1.88	20.92	1.95	22.35	2.02	23.38	2.04	25.20	2.08	26.63	2.12
		110	18.99	1.95	20.42	2.03	21.85	2.10	22.88	2.12	24.70	2.16	26.13	2.21
		115	18.49	2.03	19.92	2.10	21.35	2.18	22.38	2.20	24.20	2.25	25.63	2.29
		118	18.19	2.07	19.62	2.15	21.05	2.23	22.08	2.25	23.90	2.29	25.33	2.34
		122	18.10	2.13	19.52	2.21	20.95	2.29	21.98	2.32	23.81	2.36	25.23	2.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 17: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 7 + 7	-4	20.65	1.00	21.93	1.03	23.21	1.07	24.14	1.08	25.77	1.10	27.06	1.13
		0	20.63	1.01	21.92	1.04	23.20	1.08	24.12	1.09	25.76	1.12	27.04	1.14
		5	20.62	1.02	21.90	1.06	23.18	1.10	24.10	1.11	25.74	1.13	27.02	1.16
		10	20.60	1.04	21.88	1.08	23.16	1.12	24.08	1.13	25.72	1.15	27.00	1.17
		14	20.59	1.05	21.86	1.09	23.14	1.13	24.07	1.15	25.70	1.17	26.98	1.19
		20	20.57	1.07	21.85	1.11	23.13	1.15	24.05	1.16	25.68	1.18	26.96	1.21
		25	20.55	1.08	21.83	1.12	23.11	1.16	24.03	1.18	25.66	1.20	26.94	1.22
		30	20.54	1.10	21.81	1.14	23.09	1.18	24.01	1.19	25.64	1.22	26.92	1.24
		35	20.52	1.11	21.80	1.16	23.07	1.20	23.99	1.21	25.62	1.23	26.90	1.26
		40	20.51	1.13	21.78	1.17	23.05	1.21	23.97	1.23	25.60	1.25	26.88	1.28
		45	20.49	1.14	21.76	1.19	23.04	1.23	23.96	1.24	25.58	1.27	26.86	1.29
		50	20.48	1.16	21.75	1.20	23.02	1.25	23.94	1.26	25.56	1.28	26.83	1.31
		55	20.46	1.17	21.73	1.22	23.00	1.26	23.92	1.28	25.54	1.30	26.81	1.33
		60	20.44	1.19	21.71	1.23	22.98	1.28	23.90	1.29	25.52	1.32	26.79	1.34
		65	20.43	1.21	21.70	1.25	22.97	1.29	23.88	1.31	25.50	1.33	26.77	1.36
		70	20.41	1.22	21.68	1.26	22.95	1.31	23.86	1.33	25.48	1.35	26.75	1.38
		75	19.92	1.29	21.19	1.33	22.45	1.38	23.36	1.40	24.98	1.42	26.25	1.45
		80	19.43	1.35	20.69	1.40	21.95	1.45	22.87	1.47	24.48	1.50	25.74	1.53
		85	18.94	1.42	20.20	1.47	21.46	1.52	22.37	1.54	23.98	1.57	25.24	1.60
		90	18.46	1.48	19.71	1.54	20.97	1.59	21.87	1.61	23.48	1.64	24.73	1.68
		95	17.93	1.55	19.18	1.61	20.43	1.66	21.00	1.68	22.93	1.72	24.17	1.75
		100	17.49	1.62	18.74	1.67	19.99	1.74	20.73	1.76	22.49	1.79	23.74	1.82
		105	17.06	1.68	18.30	1.74	19.55	1.81	20.46	1.83	22.05	1.86	23.30	1.90
		110	16.62	1.75	17.87	1.81	19.12	1.88	20.02	1.90	21.62	1.93	22.86	1.97
		115	16.18	1.81	17.43	1.88	18.68	1.95	19.58	1.97	21.18	2.01	22.43	2.05
		118	15.92	1.85	17.17	1.92	18.42	1.99	19.32	2.01	20.92	2.05	22.17	2.09
		122	15.83	1.91	17.08	1.97	18.33	2.05	19.23	2.07	20.83	2.11	22.08	2.15
	7 + 7 + 9	-4	21.71	1.00	23.06	1.04	24.40	1.08	25.38	1.09	27.10	1.11	28.45	1.13
		0	21.70	1.01	23.04	1.05	24.39	1.09	25.36	1.10	27.09	1.12	28.43	1.15
		5	21.68	1.03	23.02	1.07	24.37	1.11	25.34	1.12	27.06	1.14	28.41	1.16
		10	21.66	1.05	23.01	1.08	24.35	1.12	25.32	1.14	27.04	1.16	28.39	1.18
		14	21.64	1.06	22.99	1.10	24.33	1.14	25.30	1.15	27.02	1.18	28.37	1.20
		20	21.63	1.08	22.97	1.12	24.31	1.16	25.29	1.17	27.00	1.19	28.34	1.22
		25	21.61	1.09	22.95	1.13	24.30	1.17	25.27	1.19	26.98	1.21	28.32	1.23
		30	21.60	1.11	22.94	1.15	24.28	1.19	25.25	1.20	26.96	1.23	28.30	1.25
		35	21.58	1.12	22.92	1.16	24.26	1.21	25.23	1.22	26.94	1.24	28.28	1.27
		40	21.56	1.14	22.90	1.18	24.24	1.22	25.21	1.24	26.92	1.26	28.26	1.29
		45	21.55	1.15	22.88	1.20	24.22	1.24	25.19	1.25	26.90	1.28	28.24	1.30
		50	21.53	1.17	22.87	1.21	24.20	1.26	25.17	1.27	26.88	1.29	28.21	1.32
		55	21.51	1.18	22.85	1.23	24.18	1.27	25.15	1.29	26.86	1.31	28.19	1.34
		60	21.50	1.20	22.83	1.24	24.17	1.29	25.13	1.30	26.84	1.33	28.17	1.35
		65	21.48	1.21	22.81	1.26	24.15	1.30	25.11	1.32	26.82	1.34	28.15	1.37
		70	21.46	1.23	22.80	1.27	24.13	1.32	25.09	1.34	26.80	1.36	28.13	1.39
		75	20.95	1.30	22.28	1.34	23.61	1.39	24.57	1.41	26.27	1.43	27.60	1.46
		80	20.43	1.36	21.76	1.41	23.08	1.46	24.04	1.48	25.74	1.51	27.06	1.54
		85	19.92	1.43	21.24	1.48	22.56	1.54	23.52	1.55	25.21	1.58	26.53	1.61
		90	19.41	1.50	20.73	1.55	22.05	1.61	23.00	1.62	24.69	1.66	26.01	1.69
		95	18.85	1.56	20.16	1.62	21.48	1.68	22.08	1.70	24.10	1.73	25.42	1.76
		100	18.39	1.63	19.71	1.69	21.02	1.75	21.79	1.77	23.64	1.80	24.96	1.84
		105	17.93	1.69	19.25	1.76	20.56	1.82	21.51	1.84	23.19	1.88	24.50	1.91
		110	17.47	1.76	18.79	1.82	20.10	1.89	21.05	1.91	22.73	1.95	24.04	1.99
		115	17.01	1.83	18.33	1.89	19.64	1.96	20.59	1.99	22.27	2.02	23.58	2.06
		118	16.74	1.87	18.05	1.93	19.37	2.01	20.31	2.03	21.99	2.07	23.31	2.11
		122	16.65	1.92	17.96	1.99	19.27	2.06	20.22	2.09	21.90	2.13	23.21	2.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 18: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 9 + 9	-4	23.60	1.05	25.06	1.09	26.53	1.13	27.58	1.14	29.46	1.17	30.92	1.19
		0	23.58	1.06	25.05	1.10	26.51	1.14	27.57	1.16	29.44	1.18	30.91	1.20
		5	23.56	1.08	25.03	1.12	26.49	1.16	27.55	1.18	29.42	1.20	30.88	1.22
		10	23.55	1.10	25.01	1.14	26.47	1.18	27.53	1.19	29.39	1.22	30.86	1.24
		14	23.53	1.11	24.99	1.15	26.45	1.20	27.50	1.21	29.37	1.23	30.83	1.26
		20	23.51	1.13	24.97	1.17	26.43	1.21	27.48	1.23	29.35	1.25	30.81	1.28
		25	23.49	1.15	24.95	1.19	26.41	1.23	27.46	1.25	29.33	1.27	30.79	1.29
		30	23.47	1.16	24.93	1.20	26.39	1.25	27.44	1.26	29.30	1.29	30.76	1.31
		35	23.46	1.18	24.91	1.22	26.37	1.27	27.42	1.28	29.28	1.30	30.74	1.33
		40	23.44	1.19	24.89	1.24	26.35	1.28	27.40	1.30	29.26	1.32	30.72	1.35
		45	23.42	1.21	24.87	1.25	26.33	1.30	27.38	1.31	29.24	1.34	30.69	1.37
		50	23.40	1.23	24.85	1.27	26.31	1.32	27.36	1.33	29.21	1.36	30.67	1.38
		55	23.38	1.24	24.84	1.29	26.29	1.33	27.34	1.35	29.19	1.37	30.64	1.40
		60	23.37	1.26	24.82	1.30	26.27	1.35	27.32	1.37	29.17	1.39	30.62	1.42
		65	23.35	1.27	24.80	1.32	26.25	1.37	27.29	1.38	29.15	1.41	30.60	1.44
		70	23.33	1.29	24.78	1.34	26.23	1.39	27.27	1.40	29.13	1.43	30.57	1.46
		75	22.77	1.36	24.21	1.41	25.66	1.46	26.70	1.48	28.55	1.51	29.99	1.54
		80	22.21	1.43	23.65	1.48	25.09	1.54	26.13	1.55	27.97	1.58	29.42	1.61
		85	21.65	1.50	23.09	1.55	24.53	1.61	25.57	1.63	27.40	1.66	28.84	1.69
		90	21.09	1.57	22.53	1.63	23.96	1.68	25.00	1.70	26.83	1.74	28.27	1.77
		95	20.49	1.64	21.92	1.70	23.35	1.76	24.00	1.78	26.20	1.81	27.63	1.85
		100	19.99	1.71	21.42	1.77	22.85	1.83	23.69	1.86	25.70	1.89	27.13	1.93
		105	19.49	1.78	20.92	1.84	22.35	1.91	23.38	1.93	25.20	1.97	26.63	2.01
		110	18.99	1.85	20.42	1.91	21.85	1.98	22.88	2.01	24.70	2.04	26.13	2.09
		115	18.49	1.92	19.92	1.99	21.35	2.06	22.38	2.08	24.20	2.12	25.63	2.16
		118	18.19	1.96	19.62	2.03	21.05	2.10	22.08	2.13	23.90	2.17	25.33	2.21
		122	18.10	2.01	19.52	2.09	20.95	2.16	21.98	2.19	23.81	2.23	25.23	2.27
	7 + 7 + 12	-4	23.60	1.05	25.06	1.09	26.53	1.13	27.58	1.14	29.46	1.17	30.92	1.19
		0	23.58	1.06	25.05	1.10	26.51	1.14	27.57	1.16	29.44	1.18	30.91	1.20
		5	23.56	1.08	25.03	1.12	26.49	1.16	27.55	1.18	29.42	1.20	30.88	1.22
		10	23.55	1.10	25.01	1.14	26.47	1.18	27.53	1.19	29.39	1.22	30.86	1.24
		14	23.53	1.11	24.99	1.15	26.45	1.20	27.50	1.21	29.37	1.23	30.83	1.26
		20	23.51	1.13	24.97	1.17	26.43	1.21	27.48	1.23	29.35	1.25	30.81	1.28
		25	23.49	1.15	24.95	1.19	26.41	1.23	27.46	1.25	29.33	1.27	30.79	1.29
		30	23.47	1.16	24.93	1.20	26.39	1.25	27.44	1.26	29.30	1.29	30.76	1.31
		35	23.46	1.18	24.91	1.22	26.37	1.27	27.42	1.28	29.28	1.30	30.74	1.33
		40	23.44	1.19	24.89	1.24	26.35	1.28	27.40	1.30	29.26	1.32	30.72	1.35
		45	23.42	1.21	24.87	1.25	26.33	1.30	27.38	1.31	29.24	1.34	30.69	1.37
		50	23.40	1.23	24.85	1.27	26.31	1.32	27.36	1.33	29.21	1.36	30.67	1.38
		55	23.38	1.24	24.84	1.29	26.29	1.33	27.34	1.35	29.19	1.37	30.64	1.40
		60	23.37	1.26	24.82	1.30	26.27	1.35	27.32	1.37	29.17	1.39	30.62	1.42
		65	23.35	1.27	24.80	1.32	26.25	1.37	27.29	1.38	29.15	1.41	30.60	1.44
		70	23.33	1.29	24.78	1.34	26.23	1.39	27.27	1.40	29.13	1.43	30.57	1.46
		75	22.77	1.36	24.21	1.41	25.66	1.46	26.70	1.48	28.55	1.51	29.99	1.54
		80	22.21	1.43	23.65	1.48	25.09	1.54	26.13	1.55	27.97	1.58	29.42	1.61
		85	21.65	1.50	23.09	1.55	24.53	1.61	25.57	1.63	27.40	1.66	28.84	1.69
		90	21.09	1.57	22.53	1.63	23.96	1.68	25.00	1.70	26.83	1.74	28.27	1.77
		95	20.49	1.64	21.92	1.70	23.35	1.76	24.00	1.78	26.20	1.81	27.63	1.85
		100	19.99	1.71	21.42	1.77	22.85	1.83	23.69	1.86	25.70	1.89	27.13	1.93
		105	19.49	1.78	20.92	1.84	22.35	1.91	23.38	1.93	25.20	1.97	26.63	2.01
		110	18.99	1.85	20.42	1.91	21.85	1.98	22.88	2.01	24.70	2.04	26.13	2.09
		115	18.49	1.92	19.92	1.99	21.35	2.06	22.38	2.08	24.20	2.12	25.63	2.16
		118	18.19	1.96	19.62	2.03	21.05	2.10	22.08	2.13	23.90	2.17	25.33	2.21
		122	18.10	2.01	19.52	2.09	20.95	2.16	21.98	2.19	23.81	2.23	25.23	2.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 19: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	-4	23.60	1.05	25.06	1.09	26.53	1.13	27.58	1.14	29.46	1.17	30.92	1.19
		0	23.58	1.06	25.05	1.10	26.51	1.14	27.57	1.16	29.44	1.18	30.91	1.20
		5	23.56	1.08	25.03	1.12	26.49	1.16	27.55	1.18	29.42	1.20	30.88	1.22
		10	23.55	1.10	25.01	1.14	26.47	1.18	27.53	1.19	29.39	1.22	30.86	1.24
		14	23.53	1.11	24.99	1.15	26.45	1.20	27.50	1.21	29.37	1.23	30.83	1.26
		20	23.51	1.13	24.97	1.17	26.43	1.21	27.48	1.23	29.35	1.25	30.81	1.28
		25	23.49	1.15	24.95	1.19	26.41	1.23	27.46	1.25	29.33	1.27	30.79	1.29
		30	23.47	1.16	24.93	1.20	26.39	1.25	27.44	1.26	29.30	1.29	30.76	1.31
		35	23.46	1.18	24.91	1.22	26.37	1.27	27.42	1.28	29.28	1.30	30.74	1.33
		40	23.44	1.19	24.89	1.24	26.35	1.28	27.40	1.30	29.26	1.32	30.72	1.35
		45	23.42	1.21	24.87	1.25	26.33	1.30	27.38	1.31	29.24	1.34	30.69	1.37
		50	23.40	1.23	24.85	1.27	26.31	1.32	27.36	1.33	29.21	1.36	30.67	1.38
		55	23.38	1.24	24.84	1.29	26.29	1.33	27.34	1.35	29.19	1.37	30.64	1.40
		60	23.37	1.26	24.82	1.30	26.27	1.35	27.32	1.37	29.17	1.39	30.62	1.42
		65	23.35	1.27	24.80	1.32	26.25	1.37	27.29	1.38	29.15	1.41	30.60	1.44
		70	23.33	1.29	24.78	1.34	26.23	1.39	27.27	1.40	29.13	1.43	30.57	1.46
		75	22.77	1.36	24.21	1.41	25.66	1.46	26.70	1.48	28.55	1.51	29.99	1.54
		80	22.21	1.43	23.65	1.48	25.09	1.54	26.13	1.55	27.97	1.58	29.42	1.61
		85	21.65	1.50	23.09	1.55	24.53	1.61	25.57	1.63	27.40	1.66	28.84	1.69
		90	21.09	1.57	22.53	1.63	23.96	1.68	25.00	1.70	26.83	1.74	28.27	1.77
		95	20.49	1.64	21.92	1.70	23.35	1.76	24.00	1.78	26.20	1.81	27.63	1.85
		100	19.99	1.71	21.42	1.77	22.85	1.83	23.69	1.86	25.70	1.89	27.13	1.93
		105	19.49	1.78	20.92	1.84	22.35	1.91	23.38	1.93	25.20	1.97	26.63	2.01
		110	18.99	1.85	20.42	1.91	21.85	1.98	22.88	2.01	24.70	2.04	26.13	2.09
		115	18.49	1.92	19.92	1.99	21.35	2.06	22.38	2.08	24.20	2.12	25.63	2.16
		118	18.19	1.96	19.62	2.03	21.05	2.10	22.08	2.13	23.90	2.17	25.33	2.21
		122	18.10	2.01	19.52	2.09	20.95	2.16	21.98	2.19	23.81	2.23	25.23	2.27
	7 + 9 + 12	-4	23.60	1.05	25.06	1.09	26.53	1.13	27.58	1.14	29.46	1.17	30.92	1.19
		0	23.58	1.06	25.05	1.10	26.51	1.14	27.57	1.16	29.44	1.18	30.91	1.20
		5	23.56	1.08	25.03	1.12	26.49	1.16	27.55	1.18	29.42	1.20	30.88	1.22
		10	23.55	1.10	25.01	1.14	26.47	1.18	27.53	1.19	29.39	1.22	30.86	1.24
		14	23.53	1.11	24.99	1.15	26.45	1.20	27.50	1.21	29.37	1.23	30.83	1.26
		20	23.51	1.13	24.97	1.17	26.43	1.21	27.48	1.23	29.35	1.25	30.81	1.28
		25	23.49	1.15	24.95	1.19	26.41	1.23	27.46	1.25	29.33	1.27	30.79	1.29
		30	23.47	1.16	24.93	1.20	26.39	1.25	27.44	1.26	29.30	1.29	30.76	1.31
		35	23.46	1.18	24.91	1.22	26.37	1.27	27.42	1.28	29.28	1.30	30.74	1.33
		40	23.44	1.19	24.89	1.24	26.35	1.28	27.40	1.30	29.26	1.32	30.72	1.35
		45	23.42	1.21	24.87	1.25	26.33	1.30	27.38	1.31	29.24	1.34	30.69	1.37
		50	23.40	1.23	24.85	1.27	26.31	1.32	27.36	1.33	29.21	1.36	30.67	1.38
		55	23.38	1.24	24.84	1.29	26.29	1.33	27.34	1.35	29.19	1.37	30.64	1.40
		60	23.37	1.26	24.82	1.30	26.27	1.35	27.32	1.37	29.17	1.39	30.62	1.42
		65	23.35	1.27	24.80	1.32	26.25	1.37	27.29	1.38	29.15	1.41	30.60	1.44
		70	23.33	1.29	24.78	1.34	26.23	1.39	27.27	1.40	29.13	1.43	30.57	1.46
		75	22.77	1.36	24.21	1.41	25.66	1.46	26.70	1.48	28.55	1.51	29.99	1.54
		80	22.21	1.43	23.65	1.48	25.09	1.54	26.13	1.55	27.97	1.58	29.42	1.61
		85	21.65	1.50	23.09	1.55	24.53	1.61	25.57	1.63	27.40	1.66	28.84	1.69
		90	21.09	1.57	22.53	1.63	23.96	1.68	25.00	1.70	26.83	1.74	28.27	1.77
		95	20.49	1.64	21.92	1.70	23.35	1.76	24.00	1.78	26.20	1.81	27.63	1.85
		100	19.99	1.71	21.42	1.77	22.85	1.83	23.69	1.86	25.70	1.89	27.13	1.93
		105	19.49	1.78	20.92	1.84	22.35	1.91	23.38	1.93	25.20	1.97	26.63	2.01
		110	18.99	1.85	20.42	1.91	21.85	1.98	22.88	2.01	24.70	2.04	26.13	2.09
		115	18.49	1.92	19.92	1.99	21.35	2.06	22.38	2.08	24.20	2.12	25.63	2.16
		118	18.19	1.96	19.62	2.03	21.05	2.10	22.08	2.13	23.90	2.17	25.33	2.21
		122	18.10	2.01	19.52	2.09	20.95	2.16	21.98	2.19	23.81	2.23	25.23	2.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 20: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 7 + 15	-4	23.60	1.05	25.06	1.09	26.53	1.13	27.58	1.14	29.46	1.17	30.92	1.19
		0	23.58	1.06	25.05	1.10	26.51	1.14	27.57	1.16	29.44	1.18	30.91	1.20
		5	23.56	1.08	25.03	1.12	26.49	1.16	27.55	1.18	29.42	1.20	30.88	1.22
		10	23.55	1.10	25.01	1.14	26.47	1.18	27.53	1.19	29.39	1.22	30.86	1.24
		14	23.53	1.11	24.99	1.15	26.45	1.20	27.50	1.21	29.37	1.23	30.83	1.26
		20	23.51	1.13	24.97	1.17	26.43	1.21	27.48	1.23	29.35	1.25	30.81	1.28
		25	23.49	1.15	24.95	1.19	26.41	1.23	27.46	1.25	29.33	1.27	30.79	1.29
		30	23.47	1.16	24.93	1.20	26.39	1.25	27.44	1.26	29.30	1.29	30.76	1.31
		35	23.46	1.18	24.91	1.22	26.37	1.27	27.42	1.28	29.28	1.30	30.74	1.33
		40	23.44	1.19	24.89	1.24	26.35	1.28	27.40	1.30	29.26	1.32	30.72	1.35
		45	23.42	1.21	24.87	1.25	26.33	1.30	27.38	1.31	29.24	1.34	30.69	1.37
		50	23.40	1.23	24.85	1.27	26.31	1.32	27.36	1.33	29.21	1.36	30.67	1.38
		55	23.38	1.24	24.84	1.29	26.29	1.33	27.34	1.35	29.19	1.37	30.64	1.40
		60	23.37	1.26	24.82	1.30	26.27	1.35	27.32	1.37	29.17	1.39	30.62	1.42
		65	23.35	1.27	24.80	1.32	26.25	1.37	27.29	1.38	29.15	1.41	30.60	1.44
		70	23.33	1.29	24.78	1.34	26.23	1.39	27.27	1.40	29.13	1.43	30.57	1.46
		75	22.77	1.36	24.21	1.41	25.66	1.46	26.70	1.48	28.55	1.51	29.99	1.54
		80	22.21	1.43	23.65	1.48	25.09	1.54	26.13	1.55	27.97	1.58	29.42	1.61
		85	21.65	1.50	23.09	1.55	24.53	1.61	25.57	1.63	27.40	1.66	28.84	1.69
		90	21.09	1.57	22.53	1.63	23.96	1.68	25.00	1.70	26.83	1.74	28.27	1.77
		95	20.49	1.64	21.92	1.70	23.35	1.76	24.00	1.78	26.20	1.81	27.63	1.85
		100	19.99	1.71	21.42	1.77	22.85	1.83	23.69	1.86	25.70	1.89	27.13	1.93
		105	19.49	1.78	20.92	1.84	22.35	1.91	23.38	1.93	25.20	1.97	26.63	2.01
		110	18.99	1.85	20.42	1.91	21.85	1.98	22.88	2.01	24.70	2.04	26.13	2.09
		115	18.49	1.92	19.92	1.99	21.35	2.06	22.38	2.08	24.20	2.12	25.63	2.16
		118	18.19	1.96	19.62	2.03	21.05	2.10	22.08	2.13	23.90	2.17	25.33	2.21
		122	18.10	2.01	19.52	2.09	20.95	2.16	21.98	2.19	23.81	2.23	25.23	2.27
	9 + 9 + 12	-4	23.60	1.05	25.06	1.09	26.53	1.13	27.58	1.14	29.46	1.17	30.92	1.19
		0	23.58	1.06	25.05	1.10	26.51	1.14	27.57	1.16	29.44	1.18	30.91	1.20
		5	23.56	1.08	25.03	1.12	26.49	1.16	27.55	1.18	29.42	1.20	30.88	1.22
		10	23.55	1.10	25.01	1.14	26.47	1.18	27.53	1.19	29.39	1.22	30.86	1.24
		14	23.53	1.11	24.99	1.15	26.45	1.20	27.50	1.21	29.37	1.23	30.83	1.26
		20	23.51	1.13	24.97	1.17	26.43	1.21	27.48	1.23	29.35	1.25	30.81	1.28
		25	23.49	1.15	24.95	1.19	26.41	1.23	27.46	1.25	29.33	1.27	30.79	1.29
		30	23.47	1.16	24.93	1.20	26.39	1.25	27.44	1.26	29.30	1.29	30.76	1.31
		35	23.46	1.18	24.91	1.22	26.37	1.27	27.42	1.28	29.28	1.30	30.74	1.33
		40	23.44	1.19	24.89	1.24	26.35	1.28	27.40	1.30	29.26	1.32	30.72	1.35
		45	23.42	1.21	24.87	1.25	26.33	1.30	27.38	1.31	29.24	1.34	30.69	1.37
		50	23.40	1.23	24.85	1.27	26.31	1.32	27.36	1.33	29.21	1.36	30.67	1.38
		55	23.38	1.24	24.84	1.29	26.29	1.33	27.34	1.35	29.19	1.37	30.64	1.40
		60	23.37	1.26	24.82	1.30	26.27	1.35	27.32	1.37	29.17	1.39	30.62	1.42
		65	23.35	1.27	24.80	1.32	26.25	1.37	27.29	1.38	29.15	1.41	30.60	1.44
		70	23.33	1.29	24.78	1.34	26.23	1.39	27.27	1.40	29.13	1.43	30.57	1.46
		75	22.77	1.36	24.21	1.41	25.66	1.46	26.70	1.48	28.55	1.51	29.99	1.54
		80	22.21	1.43	23.65	1.48	25.09	1.54	26.13	1.55	27.97	1.58	29.42	1.61
		85	21.65	1.50	23.09	1.55	24.53	1.61	25.57	1.63	27.40	1.66	28.84	1.69
		90	21.09	1.57	22.53	1.63	23.96	1.68	25.00	1.70	26.83	1.74	28.27	1.77
		95	20.49	1.64	21.92	1.70	23.35	1.76	24.00	1.78	26.20	1.81	27.63	1.85
		100	19.99	1.71	21.42	1.77	22.85	1.83	23.69	1.86	25.70	1.89	27.13	1.93
		105	19.49	1.78	20.92	1.84	22.35	1.91	23.38	1.93	25.20	1.97	26.63	2.01
		110	18.99	1.85	20.42	1.91	21.85	1.98	22.88	2.01	24.70	2.04	26.13	2.09
		115	18.49	1.92	19.92	1.99	21.35	2.06	22.38	2.08	24.20	2.12	25.63	2.16
		118	18.19	1.96	19.62	2.03	21.05	2.10	22.08	2.13	23.90	2.17	25.33	2.21
		122	18.10	2.01	19.52	2.09	20.95	2.16	21.98	2.19	23.81	2.23	25.23	2.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 21: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 9 + 15	-4	23.60	1.05	25.06	1.09	26.53	1.13	27.58	1.14	29.46	1.17	30.92	1.19
		0	23.58	1.06	25.05	1.10	26.51	1.14	27.57	1.16	29.44	1.18	30.91	1.20
		5	23.56	1.08	25.03	1.12	26.49	1.16	27.55	1.18	29.42	1.20	30.88	1.22
		10	23.55	1.10	25.01	1.14	26.47	1.18	27.53	1.19	29.39	1.22	30.86	1.24
		14	23.53	1.11	24.99	1.15	26.45	1.20	27.50	1.21	29.37	1.23	30.83	1.26
		20	23.51	1.13	24.97	1.17	26.43	1.21	27.48	1.23	29.35	1.25	30.81	1.28
		25	23.49	1.15	24.95	1.19	26.41	1.23	27.46	1.25	29.33	1.27	30.79	1.29
		30	23.47	1.16	24.93	1.20	26.39	1.25	27.44	1.26	29.30	1.29	30.76	1.31
		35	23.46	1.18	24.91	1.22	26.37	1.27	27.42	1.28	29.28	1.30	30.74	1.33
		40	23.44	1.19	24.89	1.24	26.35	1.28	27.40	1.30	29.26	1.32	30.72	1.35
		45	23.42	1.21	24.87	1.25	26.33	1.30	27.38	1.31	29.24	1.34	30.69	1.37
		50	23.40	1.23	24.85	1.27	26.31	1.32	27.36	1.33	29.21	1.36	30.67	1.38
		55	23.38	1.24	24.84	1.29	26.29	1.33	27.34	1.35	29.19	1.37	30.64	1.40
		60	23.37	1.26	24.82	1.30	26.27	1.35	27.32	1.37	29.17	1.39	30.62	1.42
		65	23.35	1.27	24.80	1.32	26.25	1.37	27.29	1.38	29.15	1.41	30.60	1.44
		70	23.33	1.29	24.78	1.34	26.23	1.39	27.27	1.40	29.13	1.43	30.57	1.46
		75	22.77	1.36	24.21	1.41	25.66	1.46	26.70	1.48	28.55	1.51	29.99	1.54
		80	22.21	1.43	23.65	1.48	25.09	1.54	26.13	1.55	27.97	1.58	29.42	1.61
		85	21.65	1.50	23.09	1.55	24.53	1.61	25.57	1.63	27.40	1.66	28.84	1.69
		90	21.09	1.57	22.53	1.63	23.96	1.68	25.00	1.70	26.83	1.74	28.27	1.77
		95	20.49	1.64	21.92	1.70	23.35	1.76	24.00	1.78	26.20	1.81	27.63	1.85
		100	19.99	1.71	21.42	1.77	22.85	1.83	23.69	1.86	25.70	1.89	27.13	1.93
		105	19.49	1.78	20.92	1.84	22.35	1.91	23.38	1.93	25.20	1.97	26.63	2.01
		110	18.99	1.85	20.42	1.91	21.85	1.98	22.88	2.01	24.70	2.04	26.13	2.09
		115	18.49	1.92	19.92	1.99	21.35	2.06	22.38	2.08	24.20	2.12	25.63	2.16
		118	18.19	1.96	19.62	2.03	21.05	2.10	22.08	2.13	23.90	2.17	25.33	2.21
		122	18.10	2.01	19.52	2.09	20.95	2.16	21.98	2.19	23.81	2.23	25.23	2.27
	7 + 12 + 12	-4	23.60	1.05	25.06	1.09	26.53	1.13	27.58	1.14	29.46	1.17	30.92	1.19
		0	23.58	1.06	25.05	1.10	26.51	1.14	27.57	1.16	29.44	1.18	30.91	1.20
		5	23.56	1.08	25.03	1.12	26.49	1.16	27.55	1.18	29.42	1.20	30.88	1.22
		10	23.55	1.10	25.01	1.14	26.47	1.18	27.53	1.19	29.39	1.22	30.86	1.24
		14	23.53	1.11	24.99	1.15	26.45	1.20	27.50	1.21	29.37	1.23	30.83	1.26
		20	23.51	1.13	24.97	1.17	26.43	1.21	27.48	1.23	29.35	1.25	30.81	1.28
		25	23.49	1.15	24.95	1.19	26.41	1.23	27.46	1.25	29.33	1.27	30.79	1.29
		30	23.47	1.16	24.93	1.20	26.39	1.25	27.44	1.26	29.30	1.29	30.76	1.31
		35	23.46	1.18	24.91	1.22	26.37	1.27	27.42	1.28	29.28	1.30	30.74	1.33
		40	23.44	1.19	24.89	1.24	26.35	1.28	27.40	1.30	29.26	1.32	30.72	1.35
		45	23.42	1.21	24.87	1.25	26.33	1.30	27.38	1.31	29.24	1.34	30.69	1.37
		50	23.40	1.23	24.85	1.27	26.31	1.32	27.36	1.33	29.21	1.36	30.67	1.38
		55	23.38	1.24	24.84	1.29	26.29	1.33	27.34	1.35	29.19	1.37	30.64	1.40
		60	23.37	1.26	24.82	1.30	26.27	1.35	27.32	1.37	29.17	1.39	30.62	1.42
		65	23.35	1.27	24.80	1.32	26.25	1.37	27.29	1.38	29.15	1.41	30.60	1.44
		70	23.33	1.29	24.78	1.34	26.23	1.39	27.27	1.40	29.13	1.43	30.57	1.46
		75	22.77	1.36	24.21	1.41	25.66	1.46	26.70	1.48	28.55	1.51	29.99	1.54
		80	22.21	1.43	23.65	1.48	25.09	1.54	26.13	1.55	27.97	1.58	29.42	1.61
		85	21.65	1.50	23.09	1.55	24.53	1.61	25.57	1.63	27.40	1.66	28.84	1.69
		90	21.09	1.57	22.53	1.63	23.96	1.68	25.00	1.70	26.83	1.74	28.27	1.77
		95	20.49	1.64	21.92	1.70	23.35	1.76	24.00	1.78	26.20	1.81	27.63	1.85
		100	19.99	1.71	21.42	1.77	22.85	1.83	23.69	1.86	25.70	1.89	27.13	1.93
		105	19.49	1.78	20.92	1.84	22.35	1.91	23.38	1.93	25.20	1.97	26.63	2.01
		110	18.99	1.85	20.42	1.91	21.85	1.98	22.88	2.01	24.70	2.04	26.13	2.09
		115	18.49	1.92	19.92	1.99	21.35	2.06	22.38	2.08	24.20	2.12	25.63	2.16
		118	18.19	1.96	19.62	2.03	21.05	2.10	22.08	2.13	23.90	2.17	25.33	2.21
		122	18.10	2.01	19.52	2.09	20.95	2.16	21.98	2.19	23.81	2.23	25.23	2.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 22: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 7 + 18	-4	23.60	1.05	25.06	1.09	26.53	1.13	27.58	1.14	29.46	1.17	30.92	1.19
		0	23.58	1.06	25.05	1.10	26.51	1.14	27.57	1.16	29.44	1.18	30.91	1.20
		5	23.56	1.08	25.03	1.12	26.49	1.16	27.55	1.18	29.42	1.20	30.88	1.22
		10	23.55	1.10	25.01	1.14	26.47	1.18	27.53	1.19	29.39	1.22	30.86	1.24
		14	23.53	1.11	24.99	1.15	26.45	1.20	27.50	1.21	29.37	1.23	30.83	1.26
		20	23.51	1.13	24.97	1.17	26.43	1.21	27.48	1.23	29.35	1.25	30.81	1.28
		25	23.49	1.15	24.95	1.19	26.41	1.23	27.46	1.25	29.33	1.27	30.79	1.29
		30	23.47	1.16	24.93	1.20	26.39	1.25	27.44	1.26	29.30	1.29	30.76	1.31
		35	23.46	1.18	24.91	1.22	26.37	1.27	27.42	1.28	29.28	1.30	30.74	1.33
		40	23.44	1.19	24.89	1.24	26.35	1.28	27.40	1.30	29.26	1.32	30.72	1.35
		45	23.42	1.21	24.87	1.25	26.33	1.30	27.38	1.31	29.24	1.34	30.69	1.37
		50	23.40	1.23	24.85	1.27	26.31	1.32	27.36	1.33	29.21	1.36	30.67	1.38
		55	23.38	1.24	24.84	1.29	26.29	1.33	27.34	1.35	29.19	1.37	30.64	1.40
		60	23.37	1.26	24.82	1.30	26.27	1.35	27.32	1.37	29.17	1.39	30.62	1.42
		65	23.35	1.27	24.80	1.32	26.25	1.37	27.29	1.38	29.15	1.41	30.60	1.44
		70	23.33	1.29	24.78	1.34	26.23	1.39	27.27	1.40	29.13	1.43	30.57	1.46
		75	22.77	1.36	24.21	1.41	25.66	1.46	26.70	1.48	28.55	1.51	29.99	1.54
		80	22.21	1.43	23.65	1.48	25.09	1.54	26.13	1.55	27.97	1.58	29.42	1.61
		85	21.65	1.50	23.09	1.55	24.53	1.61	25.57	1.63	27.40	1.66	28.84	1.69
		90	21.09	1.57	22.53	1.63	23.96	1.68	25.00	1.70	26.83	1.74	28.27	1.77
		95	20.49	1.64	21.92	1.70	23.35	1.76	24.00	1.78	26.20	1.81	27.63	1.85
		100	19.99	1.71	21.42	1.77	22.85	1.83	23.69	1.86	25.70	1.89	27.13	1.93
		105	19.49	1.78	20.92	1.84	22.35	1.91	23.38	1.93	25.20	1.97	26.63	2.01
		110	18.99	1.85	20.42	1.91	21.85	1.98	22.88	2.01	24.70	2.04	26.13	2.09
		115	18.49	1.92	19.92	1.99	21.35	2.06	22.38	2.08	24.20	2.12	25.63	2.16
		118	18.19	1.96	19.62	2.03	21.05	2.10	22.08	2.13	23.90	2.17	25.33	2.21
		122	18.10	2.01	19.52	2.09	20.95	2.16	21.98	2.19	23.81	2.23	25.23	2.27
	9 + 9 + 15	-4	23.60	1.05	25.06	1.09	26.53	1.13	27.58	1.14	29.46	1.17	30.92	1.19
		0	23.58	1.06	25.05	1.10	26.51	1.14	27.57	1.16	29.44	1.18	30.91	1.20
		5	23.56	1.08	25.03	1.12	26.49	1.16	27.55	1.18	29.42	1.20	30.88	1.22
		10	23.55	1.10	25.01	1.14	26.47	1.18	27.53	1.19	29.39	1.22	30.86	1.24
		14	23.53	1.11	24.99	1.15	26.45	1.20	27.50	1.21	29.37	1.23	30.83	1.26
		20	23.51	1.13	24.97	1.17	26.43	1.21	27.48	1.23	29.35	1.25	30.81	1.28
		25	23.49	1.15	24.95	1.19	26.41	1.23	27.46	1.25	29.33	1.27	30.79	1.29
		30	23.47	1.16	24.93	1.20	26.39	1.25	27.44	1.26	29.30	1.29	30.76	1.31
		35	23.46	1.18	24.91	1.22	26.37	1.27	27.42	1.28	29.28	1.30	30.74	1.33
		40	23.44	1.19	24.89	1.24	26.35	1.28	27.40	1.30	29.26	1.32	30.72	1.35
		45	23.42	1.21	24.87	1.25	26.33	1.30	27.38	1.31	29.24	1.34	30.69	1.37
		50	23.40	1.23	24.85	1.27	26.31	1.32	27.36	1.33	29.21	1.36	30.67	1.38
		55	23.38	1.24	24.84	1.29	26.29	1.33	27.34	1.35	29.19	1.37	30.64	1.40
		60	23.37	1.26	24.82	1.30	26.27	1.35	27.32	1.37	29.17	1.39	30.62	1.42
		65	23.35	1.27	24.80	1.32	26.25	1.37	27.29	1.38	29.15	1.41	30.60	1.44
		70	23.33	1.29	24.78	1.34	26.23	1.39	27.27	1.40	29.13	1.43	30.57	1.46
		75	22.77	1.36	24.21	1.41	25.66	1.46	26.70	1.48	28.55	1.51	29.99	1.54
		80	22.21	1.43	23.65	1.48	25.09	1.54	26.13	1.55	27.97	1.58	29.42	1.61
		85	21.65	1.50	23.09	1.55	24.53	1.61	25.57	1.63	27.40	1.66	28.84	1.69
		90	21.09	1.57	22.53	1.63	23.96	1.68	25.00	1.70	26.83	1.74	28.27	1.77
		95	20.49	1.64	21.92	1.70	23.35	1.76	24.00	1.78	26.20	1.81	27.63	1.85
		100	19.99	1.71	21.42	1.77	22.85	1.83	23.69	1.86	25.70	1.89	27.13	1.93
		105	19.49	1.78	20.92	1.84	22.35	1.91	23.38	1.93	25.20	1.97	26.63	2.01
		110	18.99	1.85	20.42	1.91	21.85	1.98	22.88	2.01	24.70	2.04	26.13	2.09
		115	18.49	1.92	19.92	1.99	21.35	2.06	22.38	2.08	24.20	2.12	25.63	2.16
		118	18.19	1.96	19.62	2.03	21.05	2.10	22.08	2.13	23.90	2.17	25.33	2.21
		122	18.10	2.01	19.52	2.09	20.95	2.16	21.98	2.19	23.81	2.23	25.23	2.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 23: KUMXA241A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 12 + 12	-4	23.60	1.05	25.06	1.09	26.53	1.13	27.58	1.14	29.46	1.17	30.92	1.19
		0	23.58	1.06	25.05	1.10	26.51	1.14	27.57	1.16	29.44	1.18	30.91	1.20
		5	23.56	1.08	25.03	1.12	26.49	1.16	27.55	1.18	29.42	1.20	30.88	1.22
		10	23.55	1.10	25.01	1.14	26.47	1.18	27.53	1.19	29.39	1.22	30.86	1.24
		14	23.53	1.11	24.99	1.15	26.45	1.20	27.50	1.21	29.37	1.23	30.83	1.26
		20	23.51	1.13	24.97	1.17	26.43	1.21	27.48	1.23	29.35	1.25	30.81	1.28
		25	23.49	1.15	24.95	1.19	26.41	1.23	27.46	1.25	29.33	1.27	30.79	1.29
		30	23.47	1.16	24.93	1.20	26.39	1.25	27.44	1.26	29.30	1.29	30.76	1.31
		35	23.46	1.18	24.91	1.22	26.37	1.27	27.42	1.28	29.28	1.30	30.74	1.33
		40	23.44	1.19	24.89	1.24	26.35	1.28	27.40	1.30	29.26	1.32	30.72	1.35
		45	23.42	1.21	24.87	1.25	26.33	1.30	27.38	1.31	29.24	1.34	30.69	1.37
		50	23.40	1.23	24.85	1.27	26.31	1.32	27.36	1.33	29.21	1.36	30.67	1.38
		55	23.38	1.24	24.84	1.29	26.29	1.33	27.34	1.35	29.19	1.37	30.64	1.40
		60	23.37	1.26	24.82	1.30	26.27	1.35	27.32	1.37	29.17	1.39	30.62	1.42
		65	23.35	1.27	24.80	1.32	26.25	1.37	27.29	1.38	29.15	1.41	30.60	1.44
		70	23.33	1.29	24.78	1.34	26.23	1.39	27.27	1.40	29.13	1.43	30.57	1.46
		75	22.77	1.36	24.21	1.41	25.66	1.46	26.70	1.48	28.55	1.51	29.99	1.54
		80	22.21	1.43	23.65	1.48	25.09	1.54	26.13	1.55	27.97	1.58	29.42	1.61
		85	21.65	1.50	23.09	1.55	24.53	1.61	25.57	1.63	27.40	1.66	28.84	1.69
		90	21.09	1.57	22.53	1.63	23.96	1.68	25.00	1.70	26.83	1.74	28.27	1.77
		95	20.49	1.64	21.92	1.70	23.35	1.76	24.00	1.78	26.20	1.81	27.63	1.85
		100	19.99	1.71	21.42	1.77	22.85	1.83	23.69	1.86	25.70	1.89	27.13	1.93
		105	19.49	1.78	20.92	1.84	22.35	1.91	23.38	1.93	25.20	1.97	26.63	2.01
		110	18.99	1.85	20.42	1.91	21.85	1.98	22.88	2.01	24.70	2.04	26.13	2.09
		115	18.49	1.92	19.92	1.99	21.35	2.06	22.38	2.08	24.20	2.12	25.63	2.16
		118	18.19	1.96	19.62	2.03	21.05	2.10	22.08	2.13	23.90	2.17	25.33	2.21
		122	18.10	2.01	19.52	2.09	20.95	2.16	21.98	2.19	23.81	2.23	25.23	2.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 24: KUMXA241A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	-4	17.01	0.95	18.06	0.99	19.12	1.02	19.88	1.04	21.23	1.06	22.29	1.08
		0	17.00	0.96	18.05	1.00	19.11	1.04	19.87	1.05	21.22	1.07	22.28	1.09
		5	16.99	0.98	18.04	1.01	19.09	1.05	19.86	1.06	21.20	1.08	22.26	1.11
		10	16.97	0.99	18.03	1.03	19.08	1.07	19.84	1.08	21.19	1.10	22.24	1.12
		14	16.96	1.01	18.01	1.04	19.07	1.08	19.83	1.10	21.17	1.12	22.23	1.14
		20	16.95	1.02	18.00	1.06	19.05	1.10	19.81	1.11	21.16	1.13	22.21	1.15
		25	16.93	1.04	17.98	1.07	19.04	1.11	19.80	1.13	21.14	1.15	22.19	1.17
		30	16.92	1.05	17.97	1.09	19.02	1.13	19.78	1.14	21.12	1.16	22.17	1.19
		35	16.91	1.07	17.96	1.11	19.01	1.15	19.77	1.16	21.11	1.18	22.16	1.20
		40	16.89	1.08	17.94	1.12	18.99	1.16	19.75	1.17	21.09	1.20	22.14	1.22
		45	16.88	1.10	17.93	1.14	18.98	1.18	19.74	1.19	21.08	1.21	22.12	1.24
		50	16.87	1.11	17.92	1.15	18.96	1.19	19.72	1.21	21.06	1.23	22.11	1.25
		55	16.86	1.12	17.90	1.17	18.95	1.21	19.71	1.22	21.04	1.24	22.09	1.27
		60	16.84	1.14	17.89	1.18	18.93	1.22	19.69	1.24	21.03	1.26	22.07	1.29
		65	16.83	1.15	17.87	1.20	18.92	1.24	19.68	1.25	21.01	1.28	22.06	1.30
		70	16.82	1.17	17.86	1.21	18.91	1.25	19.66	1.27	20.99	1.29	22.04	1.32
		75	16.41	1.23	17.45	1.28	18.50	1.32	19.25	1.34	20.58	1.36	21.62	1.39
		80	16.01	1.29	17.05	1.34	18.09	1.39	18.84	1.41	20.16	1.43	21.20	1.46
		85	15.61	1.36	16.64	1.41	17.68	1.46	18.43	1.47	19.75	1.50	20.79	1.53
		90	15.21	1.42	16.24	1.47	17.27	1.52	18.02	1.54	19.34	1.57	20.38	1.60
		95	14.77	1.48	15.80	1.54	16.83	1.59	17.30	1.61	18.89	1.64	19.91	1.67
		100	14.41	1.55	15.44	1.60	16.47	1.66	17.08	1.68	18.53	1.71	19.56	1.75
		105	14.05	1.61	15.08	1.67	16.11	1.73	16.85	1.75	18.17	1.78	19.20	1.82
		110	13.69	1.67	14.72	1.73	15.75	1.80	16.49	1.82	17.81	1.85	18.84	1.89
		115	13.33	1.73	14.36	1.80	15.39	1.86	16.13	1.88	17.45	1.92	18.48	1.96
		118	13.12	1.77	14.14	1.84	15.17	1.90	15.92	1.93	17.23	1.96	18.26	2.00
		122	13.04	1.82	14.07	1.89	15.10	1.96	15.84	1.98	17.16	2.02	18.19	2.06
	9 + 12	-4	19.32	1.00	20.52	1.03	21.72	1.07	22.58	1.08	24.12	1.10	25.32	1.13
		0	19.31	1.01	20.51	1.04	21.71	1.08	22.57	1.10	24.10	1.12	25.30	1.14
		5	19.29	1.02	20.49	1.06	21.69	1.10	22.55	1.11	24.08	1.13	25.28	1.16
		10	19.28	1.04	20.47	1.08	21.67	1.12	22.54	1.13	24.07	1.15	25.26	1.17
		14	19.26	1.05	20.46	1.09	21.66	1.13	22.52	1.15	24.05	1.17	25.24	1.19
		20	19.25	1.07	20.44	1.11	21.64	1.15	22.50	1.16	24.03	1.18	25.23	1.21
		25	19.23	1.08	20.43	1.12	21.62	1.17	22.49	1.18	24.01	1.20	25.21	1.23
		30	19.22	1.10	20.41	1.14	21.61	1.18	22.47	1.20	23.99	1.22	25.19	1.24
		35	19.20	1.12	20.40	1.16	21.59	1.20	22.45	1.21	23.97	1.23	25.17	1.26
		40	19.19	1.13	20.38	1.17	21.57	1.21	22.43	1.23	23.96	1.25	25.15	1.28
		45	19.17	1.15	20.37	1.19	21.56	1.23	22.42	1.24	23.94	1.27	25.13	1.29
		50	19.16	1.16	20.35	1.20	21.54	1.25	22.40	1.26	23.92	1.28	25.11	1.31
		55	19.15	1.18	20.33	1.22	21.52	1.26	22.38	1.28	23.90	1.30	25.09	1.33
		60	19.13	1.19	20.32	1.23	21.51	1.28	22.36	1.29	23.88	1.32	25.07	1.34
		65	19.12	1.21	20.30	1.25	21.49	1.30	22.35	1.31	23.86	1.34	25.05	1.36
		70	19.10	1.22	20.29	1.27	21.47	1.31	22.33	1.33	23.85	1.35	25.03	1.38
		75	18.64	1.29	19.82	1.33	21.01	1.38	21.86	1.40	23.37	1.42	24.56	1.45
		80	18.18	1.35	19.36	1.40	20.54	1.45	21.40	1.47	22.90	1.50	24.08	1.53
		85	17.73	1.42	18.90	1.47	20.08	1.52	20.93	1.54	22.44	1.57	23.61	1.60
		90	17.27	1.48	18.45	1.54	19.62	1.60	20.47	1.61	21.97	1.64	23.14	1.68
		95	16.78	1.55	17.95	1.61	19.11	1.67	19.65	1.69	21.45	1.72	22.62	1.75
		100	16.37	1.62	17.54	1.68	18.71	1.74	19.40	1.76	21.04	1.79	22.21	1.83
		105	15.96	1.68	17.13	1.74	18.30	1.81	19.14	1.83	20.63	1.86	21.80	1.90
		110	15.55	1.75	16.72	1.81	17.89	1.88	18.73	1.90	20.23	1.94	21.39	1.97
		115	15.14	1.81	16.31	1.88	17.48	1.95	18.32	1.97	19.82	2.01	20.99	2.05
		118	14.90	1.85	16.07	1.92	17.23	1.99	18.08	2.01	19.57	2.05	20.74	2.09
		122	14.82	1.91	15.98	1.98	17.15	2.05	18.00	2.07	19.49	2.11	20.66	2.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 25: KUMXA241A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	-4	21.63	1.04	22.97	1.08	24.32	1.12	25.29	1.13	27.00	1.15	28.35	1.18
		0	21.62	1.05	22.96	1.09	24.30	1.13	25.27	1.14	26.99	1.17	28.33	1.19
		5	21.60	1.07	22.94	1.11	24.28	1.15	25.25	1.16	26.97	1.18	28.31	1.21
		10	21.58	1.09	22.92	1.13	24.26	1.17	25.23	1.18	26.94	1.20	28.29	1.23
		14	21.57	1.10	22.91	1.14	24.25	1.18	25.21	1.20	26.92	1.22	28.26	1.24
		20	21.55	1.12	22.89	1.16	24.23	1.20	25.19	1.21	26.90	1.24	28.24	1.26
		25	21.53	1.13	22.87	1.17	24.21	1.22	25.17	1.23	26.88	1.25	28.22	1.28
		30	21.52	1.15	22.85	1.19	24.19	1.23	25.15	1.25	26.86	1.27	28.20	1.30
		35	21.50	1.16	22.84	1.21	24.17	1.25	25.14	1.27	26.84	1.29	28.18	1.32
		40	21.48	1.18	22.82	1.22	24.15	1.27	25.12	1.28	26.82	1.31	28.16	1.33
		45	21.47	1.20	22.80	1.24	24.13	1.29	25.10	1.30	26.80	1.32	28.13	1.35
		50	21.45	1.21	22.78	1.26	24.12	1.30	25.08	1.32	26.78	1.34	28.11	1.37
		55	21.43	1.23	22.77	1.27	24.10	1.32	25.06	1.33	26.76	1.36	28.09	1.39
		60	21.42	1.24	22.75	1.29	24.08	1.34	25.04	1.35	26.74	1.38	28.07	1.40
		65	21.40	1.26	22.73	1.31	24.06	1.35	25.02	1.37	26.72	1.39	28.05	1.42
		70	21.39	1.28	22.71	1.32	24.04	1.37	25.00	1.39	26.70	1.41	28.03	1.44
		75	20.87	1.34	22.20	1.39	23.52	1.44	24.48	1.46	26.17	1.49	27.50	1.52
		80	20.36	1.41	21.68	1.46	23.00	1.52	23.95	1.54	25.64	1.56	26.96	1.60
		85	19.85	1.48	21.16	1.54	22.48	1.59	23.44	1.61	25.12	1.64	26.44	1.67
		90	19.34	1.55	20.65	1.61	21.97	1.67	22.92	1.69	24.60	1.72	25.91	1.75
		95	18.78	1.62	20.09	1.68	21.40	1.74	22.00	1.76	24.02	1.79	25.33	1.83
		100	18.33	1.69	19.63	1.75	20.94	1.81	21.71	1.83	23.56	1.87	24.87	1.91
		105	17.87	1.76	19.18	1.82	20.48	1.89	21.43	1.91	23.10	1.95	24.41	1.98
		110	17.41	1.83	18.72	1.89	20.03	1.96	20.97	1.98	22.64	2.02	23.95	2.06
		115	16.95	1.89	18.26	1.96	19.57	2.04	20.52	2.06	22.19	2.10	23.50	2.14
		118	16.68	1.94	17.99	2.01	19.30	2.08	20.24	2.10	21.91	2.14	23.22	2.19
		122	16.59	1.99	17.90	2.06	19.20	2.14	20.15	2.16	21.82	2.20	23.13	2.25
	9 + 18	-4	21.63	1.04	22.97	1.08	24.32	1.12	25.29	1.13	27.00	1.15	28.35	1.18
		0	21.62	1.05	22.96	1.09	24.30	1.13	25.27	1.14	26.99	1.17	28.33	1.19
		5	21.60	1.07	22.94	1.11	24.28	1.15	25.25	1.16	26.97	1.18	28.31	1.21
		10	21.58	1.09	22.92	1.13	24.26	1.17	25.23	1.18	26.94	1.20	28.29	1.23
		14	21.57	1.10	22.91	1.14	24.25	1.18	25.21	1.20	26.92	1.22	28.26	1.24
		20	21.55	1.12	22.89	1.16	24.23	1.20	25.19	1.21	26.90	1.24	28.24	1.26
		25	21.53	1.13	22.87	1.17	24.21	1.22	25.17	1.23	26.88	1.25	28.22	1.28
		30	21.52	1.15	22.85	1.19	24.19	1.23	25.15	1.25	26.86	1.27	28.20	1.30
		35	21.50	1.16	22.84	1.21	24.17	1.25	25.14	1.27	26.84	1.29	28.18	1.32
		40	21.48	1.18	22.82	1.22	24.15	1.27	25.12	1.28	26.82	1.31	28.16	1.33
		45	21.47	1.20	22.80	1.24	24.13	1.29	25.10	1.30	26.80	1.32	28.13	1.35
		50	21.45	1.21	22.78	1.26	24.12	1.30	25.08	1.32	26.78	1.34	28.11	1.37
		55	21.43	1.23	22.77	1.27	24.10	1.32	25.06	1.33	26.76	1.36	28.09	1.39
		60	21.42	1.24	22.75	1.29	24.08	1.34	25.04	1.35	26.74	1.38	28.07	1.40
		65	21.40	1.26	22.73	1.31	24.06	1.35	25.02	1.37	26.72	1.39	28.05	1.42
		70	21.39	1.28	22.71	1.32	24.04	1.37	25.00	1.39	26.70	1.41	28.03	1.44
		75	20.87	1.34	22.20	1.39	23.52	1.44	24.48	1.46	26.17	1.49	27.50	1.52
		80	20.36	1.41	21.68	1.46	23.00	1.52	23.95	1.54	25.64	1.56	26.96	1.60
		85	19.85	1.48	21.16	1.54	22.48	1.59	23.44	1.61	25.12	1.64	26.44	1.67
		90	19.34	1.55	20.65	1.61	21.97	1.67	22.92	1.69	24.60	1.72	25.91	1.75
		95	18.78	1.62	20.09	1.68	21.40	1.74	22.00	1.76	24.02	1.79	25.33	1.83
		100	18.33	1.69	19.63	1.75	20.94	1.81	21.71	1.83	23.56	1.87	24.87	1.91
		105	17.87	1.76	19.18	1.82	20.48	1.89	21.43	1.91	23.10	1.95	24.41	1.98
		110	17.41	1.83	18.72	1.89	20.03	1.96	20.97	1.98	22.64	2.02	23.95	2.06
		115	16.95	1.89	18.26	1.96	19.57	2.04	20.52	2.06	22.19	2.10	23.50	2.14
		118	16.68	1.94	17.99	2.01	19.30	2.08	20.24	2.10	21.91	2.14	23.22	2.19
		122	16.59	1.99	17.90	2.06	19.20	2.14	20.15	2.16	21.82	2.20	23.13	2.25

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 26: KUMXA241A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12* + 18*	-4	21.63	1.04	22.97	1.08	24.32	1.12	25.29	1.13	27.00	1.15	28.35	1.18
		0	21.62	1.05	22.96	1.09	24.30	1.13	25.27	1.14	26.99	1.17	28.33	1.19
		5	21.60	1.07	22.94	1.11	24.28	1.15	25.25	1.16	26.97	1.18	28.31	1.21
		10	21.58	1.09	22.92	1.13	24.26	1.17	25.23	1.18	26.94	1.20	28.29	1.23
		14	21.57	1.10	22.91	1.14	24.25	1.18	25.21	1.20	26.92	1.22	28.26	1.24
		20	21.55	1.12	22.89	1.16	24.23	1.20	25.19	1.21	26.90	1.24	28.24	1.26
		25	21.53	1.13	22.87	1.17	24.21	1.22	25.17	1.23	26.88	1.25	28.22	1.28
		30	21.52	1.15	22.85	1.19	24.19	1.23	25.15	1.25	26.86	1.27	28.20	1.30
		35	21.50	1.16	22.84	1.21	24.17	1.25	25.14	1.27	26.84	1.29	28.18	1.32
		40	21.48	1.18	22.82	1.22	24.15	1.27	25.12	1.28	26.82	1.31	28.16	1.33
		45	21.47	1.20	22.80	1.24	24.13	1.29	25.10	1.30	26.80	1.32	28.13	1.35
		50	21.45	1.21	22.78	1.26	24.12	1.30	25.08	1.32	26.78	1.34	28.11	1.37
		55	21.43	1.23	22.77	1.27	24.10	1.32	25.06	1.33	26.76	1.36	28.09	1.39
		60	21.42	1.24	22.75	1.29	24.08	1.34	25.04	1.35	26.74	1.38	28.07	1.40
		65	21.40	1.26	22.73	1.31	24.06	1.35	25.02	1.37	26.72	1.39	28.05	1.42
		70	21.39	1.28	22.71	1.32	24.04	1.37	25.00	1.39	26.70	1.41	28.03	1.44
		75	20.87	1.34	22.20	1.39	23.52	1.44	24.48	1.46	26.17	1.49	27.50	1.52
		80	20.36	1.41	21.68	1.46	23.00	1.52	23.95	1.54	25.64	1.56	26.96	1.60
		85	19.85	1.48	21.16	1.54	22.48	1.59	23.44	1.61	25.12	1.64	26.44	1.67
		90	19.34	1.55	20.65	1.61	21.97	1.67	22.92	1.69	24.60	1.72	25.91	1.75
		95	18.78	1.62	20.09	1.68	21.40	1.74	22.00	1.76	24.02	1.79	25.33	1.83
		100	18.33	1.69	19.63	1.75	20.94	1.81	21.71	1.83	23.56	1.87	24.87	1.91
		105	17.87	1.76	19.18	1.82	20.48	1.89	21.43	1.91	23.10	1.95	24.41	1.98
		110	17.41	1.83	18.72	1.89	20.03	1.96	20.97	1.98	22.64	2.02	23.95	2.06
		115	16.95	1.89	18.26	1.96	19.57	2.04	20.52	2.06	22.19	2.10	23.50	2.14
		118	16.68	1.94	17.99	2.01	19.30	2.08	20.24	2.10	21.91	2.14	23.22	2.19
		122	16.59	1.99	17.90	2.06	19.20	2.14	20.15	2.16	21.82	2.20	23.13	2.25
Three (3) Ducted Indoor Units	9 + 9 + 9	-4	21.63	1.04	22.97	1.08	24.32	1.12	25.29	1.13	27.00	1.15	28.35	1.18
		0	21.62	1.05	22.96	1.09	24.30	1.13	25.27	1.14	26.99	1.17	28.33	1.19
		5	21.60	1.07	22.94	1.11	24.28	1.15	25.25	1.16	26.97	1.18	28.31	1.21
		10	21.58	1.09	22.92	1.13	24.26	1.17	25.23	1.18	26.94	1.20	28.29	1.23
		14	21.57	1.10	22.91	1.14	24.25	1.18	25.21	1.20	26.92	1.22	28.26	1.24
		20	21.55	1.12	22.89	1.16	24.23	1.20	25.19	1.21	26.90	1.24	28.24	1.26
		25	21.53	1.13	22.87	1.17	24.21	1.22	25.17	1.23	26.88	1.25	28.22	1.28
		30	21.52	1.15	22.85	1.19	24.19	1.23	25.15	1.25	26.86	1.27	28.20	1.30
		35	21.50	1.16	22.84	1.21	24.17	1.25	25.14	1.27	26.84	1.29	28.18	1.32
		40	21.48	1.18	22.82	1.22	24.15	1.27	25.12	1.28	26.82	1.31	28.16	1.33
		45	21.47	1.20	22.80	1.24	24.13	1.29	25.10	1.30	26.80	1.32	28.13	1.35
		50	21.45	1.21	22.78	1.26	24.12	1.30	25.08	1.32	26.78	1.34	28.11	1.37
		55	21.43	1.23	22.77	1.27	24.10	1.32	25.06	1.33	26.76	1.36	28.09	1.39
		60	21.42	1.24	22.75	1.29	24.08	1.34	25.04	1.35	26.74	1.38	28.07	1.40
		65	21.40	1.26	22.73	1.31	24.06	1.35	25.02	1.37	26.72	1.39	28.05	1.42
		70	21.39	1.28	22.71	1.32	24.04	1.37	25.00	1.39	26.70	1.41	28.03	1.44
		75	20.87	1.34	22.20	1.39	23.52	1.44	24.48	1.46	26.17	1.49	27.50	1.52
		80	20.36	1.41	21.68	1.46	23.00	1.52	23.95	1.54	25.64	1.56	26.96	1.60
		85	19.85	1.48	21.16	1.54	22.48	1.59	23.44	1.61	25.12	1.64	26.44	1.67
		90	19.34	1.55	20.65	1.61	21.97	1.67	22.92	1.69	24.60	1.72	25.91	1.75
		95	18.78	1.62	20.09	1.68	21.40	1.74	22.00	1.76	24.02	1.79	25.33	1.83
		100	18.33	1.69	19.63	1.75	20.94	1.81	21.71	1.83	23.56	1.87	24.87	1.91
		105	17.87	1.76	19.18	1.82	20.48	1.89	21.43	1.91	23.10	1.95	24.41	1.98
		110	17.41	1.83	18.72	1.89	20.03	1.96	20.97	1.98	22.64	2.02	23.95	2.06
		115	16.95	1.89	18.26	1.96	19.57	2.04	20.52	2.06	22.19	2.10	23.50	2.14
		118	16.68	1.94	17.99	2.01	19.30	2.08	20.24	2.10	21.91	2.14	23.22	2.19
		122	16.59	1.99	17.90	2.06	19.20	2.14	20.15	2.16	21.82	2.20	23.13	2.25

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 27: KUMXA241A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9* + 12*	-4	21.63	1.04	22.97	1.08	24.32	1.12	25.29	1.13	27.00	1.15	28.35	1.18
		0	21.62	1.05	22.96	1.09	24.30	1.13	25.27	1.14	26.99	1.17	28.33	1.19
		5	21.60	1.07	22.94	1.11	24.28	1.15	25.25	1.16	26.97	1.18	28.31	1.21
		10	21.58	1.09	22.92	1.13	24.26	1.17	25.23	1.18	26.94	1.20	28.29	1.23
		14	21.57	1.10	22.91	1.14	24.25	1.18	25.21	1.20	26.92	1.22	28.26	1.24
		20	21.55	1.12	22.89	1.16	24.23	1.20	25.19	1.21	26.90	1.24	28.24	1.26
		25	21.53	1.13	22.87	1.17	24.21	1.22	25.17	1.23	26.88	1.25	28.22	1.28
		30	21.52	1.15	22.85	1.19	24.19	1.23	25.15	1.25	26.86	1.27	28.20	1.30
		35	21.50	1.16	22.84	1.21	24.17	1.25	25.14	1.27	26.84	1.29	28.18	1.32
		40	21.48	1.18	22.82	1.22	24.15	1.27	25.12	1.28	26.82	1.31	28.16	1.33
		45	21.47	1.20	22.80	1.24	24.13	1.29	25.10	1.30	26.80	1.32	28.13	1.35
		50	21.45	1.21	22.78	1.26	24.12	1.30	25.08	1.32	26.78	1.34	28.11	1.37
		55	21.43	1.23	22.77	1.27	24.10	1.32	25.06	1.33	26.76	1.36	28.09	1.39
		60	21.42	1.24	22.75	1.29	24.08	1.34	25.04	1.35	26.74	1.38	28.07	1.40
		65	21.40	1.26	22.73	1.31	24.06	1.35	25.02	1.37	26.72	1.39	28.05	1.42
		70	21.39	1.28	22.71	1.32	24.04	1.37	25.00	1.39	26.70	1.41	28.03	1.44
		75	20.87	1.34	22.20	1.39	23.52	1.44	24.48	1.46	26.17	1.49	27.50	1.52
		80	20.36	1.41	21.68	1.46	23.00	1.52	23.95	1.54	25.64	1.56	26.96	1.60
		85	19.85	1.48	21.16	1.54	22.48	1.59	23.44	1.61	25.12	1.64	26.44	1.67
		90	19.34	1.55	20.65	1.61	21.97	1.67	22.92	1.69	24.60	1.72	25.91	1.75
		95	18.78	1.62	20.09	1.68	21.40	1.74	22.00	1.76	24.02	1.79	25.33	1.83
		100	18.33	1.69	19.63	1.75	20.94	1.81	21.71	1.83	23.56	1.87	24.87	1.91
		105	17.87	1.76	19.18	1.82	20.48	1.89	21.43	1.91	23.10	1.95	24.41	1.98
		110	17.41	1.83	18.72	1.89	20.03	1.96	20.97	1.98	22.64	2.02	23.95	2.06
		115	16.95	1.89	18.26	1.96	19.57	2.04	20.52	2.06	22.19	2.10	23.50	2.14
		118	16.68	1.94	17.99	2.01	19.30	2.08	20.24	2.10	21.91	2.14	23.22	2.19
		122	16.59	1.99	17.90	2.06	19.20	2.14	20.15	2.16	21.82	2.20	23.13	2.25
	9* + 12* + 12*	-4	21.63	1.04	22.97	1.08	24.32	1.12	25.29	1.13	27.00	1.15	28.35	1.18
		0	21.62	1.05	22.96	1.09	24.30	1.13	25.27	1.14	26.99	1.17	28.33	1.19
		5	21.60	1.07	22.94	1.11	24.28	1.15	25.25	1.16	26.97	1.18	28.31	1.21
		10	21.58	1.09	22.92	1.13	24.26	1.17	25.23	1.18	26.94	1.20	28.29	1.23
		14	21.57	1.10	22.91	1.14	24.25	1.18	25.21	1.20	26.92	1.22	28.26	1.24
		20	21.55	1.12	22.89	1.16	24.23	1.20	25.19	1.21	26.90	1.24	28.24	1.26
		25	21.53	1.13	22.87	1.17	24.21	1.22	25.17	1.23	26.88	1.25	28.22	1.28
		30	21.52	1.15	22.85	1.19	24.19	1.23	25.15	1.25	26.86	1.27	28.20	1.30
		35	21.50	1.16	22.84	1.21	24.17	1.25	25.14	1.27	26.84	1.29	28.18	1.32
		40	21.48	1.18	22.82	1.22	24.15	1.27	25.12	1.28	26.82	1.31	28.16	1.33
		45	21.47	1.20	22.80	1.24	24.13	1.29	25.10	1.30	26.80	1.32	28.13	1.35
		50	21.45	1.21	22.78	1.26	24.12	1.30	25.08	1.32	26.78	1.34	28.11	1.37
		55	21.43	1.23	22.77	1.27	24.10	1.32	25.06	1.33	26.76	1.36	28.09	1.39
		60	21.42	1.24	22.75	1.29	24.08	1.34	25.04	1.35	26.74	1.38	28.07	1.40
		65	21.40	1.26	22.73	1.31	24.06	1.35	25.02	1.37	26.72	1.39	28.05	1.42
		70	21.39	1.28	22.71	1.32	24.04	1.37	25.00	1.39	26.70	1.41	28.03	1.44
		75	20.87	1.34	22.20	1.39	23.52	1.44	24.48	1.46	26.17	1.49	27.50	1.52
		80	20.36	1.41	21.68	1.46	23.00	1.52	23.95	1.54	25.64	1.56	26.96	1.60
		85	19.85	1.48	21.16	1.54	22.48	1.59	23.44	1.61	25.12	1.64	26.44	1.67
		90	19.34	1.55	20.65	1.61	21.97	1.67	22.92	1.69	24.60	1.72	25.91	1.75
		95	18.78	1.62	20.09	1.68	21.40	1.74	22.00	1.76	24.02	1.79	25.33	1.83
		100	18.33	1.69	19.63	1.75	20.94	1.81	21.71	1.83	23.56	1.87	24.87	1.91
		105	17.87	1.76	19.18	1.82	20.48	1.89	21.43	1.91	23.10	1.95	24.41	1.98
		110	17.41	1.83	18.72	1.89	20.03	1.96	20.97	1.98	22.64	2.02	23.95	2.06
		115	16.95	1.89	18.26	1.96	19.57	2.04	20.52	2.06	22.19	2.10	23.50	2.14
		118	16.68	1.94	17.99	2.01	19.30	2.08	20.24	2.10	21.91	2.14	23.22	2.19
		122	16.59	1.99	17.90	2.06	19.20	2.14	20.15	2.16	21.82	2.20	23.13	2.25

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 28: KUMXA241A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 9	-4	15.60	0.88	16.57	0.91	17.54	0.94	18.24	0.95	19.47	0.97	20.44	0.99
		0	15.59	0.88	16.56	0.92	17.53	0.95	18.23	0.96	19.46	0.98	20.43	1.00
		5	15.58	0.90	16.55	0.93	17.51	0.97	18.21	0.98	19.45	1.00	20.42	1.02
		10	15.57	0.91	16.53	0.95	17.50	0.98	18.20	0.99	19.43	1.01	20.40	1.03
		14	15.55	0.93	16.52	0.96	17.49	0.99	18.18	1.01	19.42	1.02	20.38	1.05
		20	15.54	0.94	16.51	0.97	17.47	1.01	18.17	1.02	19.40	1.04	20.37	1.06
		25	15.53	0.95	16.50	0.99	17.46	1.02	18.16	1.03	19.39	1.05	20.35	1.08
		30	15.52	0.97	16.48	1.00	17.45	1.04	18.14	1.05	19.37	1.07	20.34	1.09
		35	15.51	0.98	16.47	1.01	17.43	1.05	18.13	1.06	19.36	1.08	20.32	1.11
		40	15.50	0.99	16.46	1.03	17.42	1.07	18.11	1.08	19.34	1.10	20.31	1.12
		45	15.48	1.01	16.44	1.04	17.41	1.08	18.10	1.09	19.33	1.11	20.29	1.14
		50	15.47	1.02	16.43	1.06	17.39	1.09	18.09	1.11	19.31	1.13	20.28	1.15
		55	15.46	1.03	16.42	1.07	17.38	1.11	18.07	1.12	19.30	1.14	20.26	1.17
		60	15.45	1.05	16.41	1.08	17.37	1.12	18.06	1.14	19.29	1.16	20.24	1.18
		65	15.44	1.06	16.39	1.10	17.35	1.14	18.05	1.15	19.27	1.17	20.23	1.20
		70	15.42	1.07	16.38	1.11	17.34	1.15	18.03	1.16	19.26	1.19	20.21	1.21
		75	15.05	1.13	16.01	1.17	16.96	1.21	17.65	1.23	18.87	1.25	19.83	1.28
		80	14.68	1.19	15.63	1.23	16.59	1.28	17.28	1.29	18.49	1.31	19.45	1.34
		85	14.31	1.25	15.26	1.29	16.22	1.34	16.90	1.35	18.12	1.38	19.07	1.41
		90	13.95	1.30	14.89	1.35	15.84	1.40	16.53	1.42	17.74	1.44	18.69	1.47
		95	13.55	1.36	14.49	1.41	15.43	1.46	15.87	1.48	17.32	1.51	18.27	1.54
		100	13.22	1.42	14.16	1.47	15.10	1.52	15.66	1.54	16.99	1.57	17.94	1.60
		105	12.89	1.48	13.83	1.53	14.77	1.59	15.46	1.60	16.66	1.63	17.61	1.67
		110	12.56	1.53	13.50	1.59	14.44	1.65	15.13	1.67	16.33	1.70	17.28	1.73
		115	12.23	1.59	13.17	1.65	14.11	1.71	14.80	1.73	16.00	1.76	16.95	1.80
		118	12.03	1.63	12.97	1.69	13.92	1.75	14.60	1.77	15.80	1.80	16.75	1.84
		122	11.96	1.67	12.91	1.73	13.85	1.80	14.53	1.82	15.74	1.85	16.68	1.89
	9 + 9	-4	17.35	0.94	18.43	0.97	19.51	1.01	20.29	1.02	21.66	1.04	22.74	1.06
		0	17.34	0.95	18.42	0.98	19.50	1.02	20.27	1.03	21.65	1.05	22.73	1.07
		5	17.33	0.96	18.40	1.00	19.48	1.03	20.26	1.05	21.63	1.07	22.71	1.09
		10	17.32	0.98	18.39	1.01	19.47	1.05	20.24	1.06	21.62	1.08	22.69	1.10
		14	17.30	0.99	18.38	1.03	19.45	1.06	20.23	1.08	21.60	1.10	22.67	1.12
		20	17.29	1.00	18.36	1.04	19.44	1.08	20.21	1.09	21.58	1.11	22.66	1.13
		25	17.28	1.02	18.35	1.06	19.42	1.09	20.20	1.11	21.57	1.13	22.64	1.15
		30	17.26	1.03	18.33	1.07	19.41	1.11	20.18	1.12	21.55	1.14	22.62	1.17
		35	17.25	1.05	18.32	1.09	19.39	1.13	20.17	1.14	21.53	1.16	22.61	1.18
		40	17.24	1.06	18.31	1.10	19.38	1.14	20.15	1.15	21.52	1.18	22.59	1.20
		45	17.22	1.08	18.29	1.12	19.36	1.16	20.13	1.17	21.50	1.19	22.57	1.22
		50	17.21	1.09	18.28	1.13	19.35	1.17	20.12	1.18	21.49	1.21	22.55	1.23
		55	17.20	1.10	18.26	1.14	19.33	1.19	20.10	1.20	21.47	1.22	22.54	1.25
		60	17.18	1.12	18.25	1.16	19.32	1.20	20.09	1.22	21.45	1.24	22.52	1.26
		65	17.17	1.13	18.24	1.17	19.30	1.22	20.07	1.23	21.44	1.25	22.50	1.28
		70	17.16	1.15	18.22	1.19	19.29	1.23	20.06	1.25	21.42	1.27	22.48	1.30
		75	16.74	1.21	17.81	1.25	18.87	1.30	19.64	1.31	21.00	1.34	22.06	1.37
		80	16.33	1.27	17.39	1.32	18.45	1.37	19.22	1.38	20.57	1.41	21.63	1.44
		85	15.92	1.33	16.98	1.38	18.04	1.43	18.80	1.45	20.15	1.48	21.21	1.51
		90	15.51	1.39	16.57	1.45	17.62	1.50	18.38	1.52	19.73	1.54	20.79	1.58
		95	15.07	1.46	16.12	1.51	17.17	1.56	17.65	1.58	19.27	1.61	20.32	1.65
		100	14.70	1.52	15.75	1.57	16.80	1.63	17.42	1.65	18.90	1.68	19.95	1.71
		105	14.33	1.58	15.38	1.64	16.43	1.70	17.19	1.72	18.53	1.75	19.58	1.78
		110	13.97	1.64	15.02	1.70	16.07	1.76	16.83	1.78	18.17	1.82	19.22	1.85
		115	13.60	1.70	14.65	1.77	15.70	1.83	16.46	1.85	17.80	1.89	18.85	1.92
		118	13.38	1.74	14.43	1.80	15.48	1.87	16.24	1.89	17.58	1.93	18.63	1.97
		122	13.31	1.79	14.36	1.86	15.41	1.92	16.17	1.95	17.51	1.98	18.56	2.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 29: KUMXA241A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 12	-4	18.23	0.96	19.36	1.00	20.49	1.03	21.31	1.04	22.76	1.06	23.89	1.08
		0	18.22	0.97	19.35	1.01	20.48	1.04	21.30	1.05	22.75	1.07	23.88	1.10
		5	18.20	0.99	19.33	1.02	20.47	1.06	21.28	1.07	22.73	1.09	23.86	1.11
		10	18.19	1.00	19.32	1.04	20.45	1.08	21.27	1.09	22.71	1.11	23.84	1.13
		14	18.18	1.02	19.31	1.05	20.43	1.09	21.25	1.10	22.69	1.12	23.82	1.15
		20	18.16	1.03	19.29	1.07	20.42	1.11	21.23	1.12	22.67	1.14	23.80	1.16
		25	18.15	1.04	19.28	1.08	20.40	1.12	21.22	1.14	22.66	1.16	23.78	1.18
		30	18.14	1.06	19.26	1.10	20.39	1.14	21.20	1.15	22.64	1.17	23.77	1.20
		35	18.12	1.07	19.25	1.11	20.37	1.15	21.18	1.17	22.62	1.19	23.75	1.21
		40	18.11	1.09	19.23	1.13	20.36	1.17	21.17	1.18	22.61	1.21	23.73	1.23
		45	18.09	1.10	19.22	1.14	20.34	1.19	21.15	1.20	22.59	1.22	23.71	1.25
		50	18.08	1.12	19.20	1.16	20.33	1.20	21.14	1.21	22.57	1.24	23.69	1.26
		55	18.07	1.13	19.19	1.17	20.31	1.22	21.12	1.23	22.55	1.25	23.68	1.28
		60	18.05	1.15	19.17	1.19	20.29	1.23	21.10	1.25	22.54	1.27	23.66	1.30
		65	18.04	1.16	19.16	1.20	20.28	1.25	21.09	1.26	22.52	1.29	23.64	1.31
		70	18.02	1.18	19.14	1.22	20.26	1.26	21.07	1.28	22.50	1.30	23.62	1.33
		75	17.59	1.24	18.71	1.28	19.82	1.33	20.63	1.35	22.06	1.37	23.17	1.40
		80	17.16	1.30	18.27	1.35	19.38	1.40	20.19	1.42	21.61	1.44	22.73	1.47
		85	16.73	1.37	17.84	1.42	18.95	1.47	19.75	1.49	21.17	1.51	22.28	1.54
		90	16.30	1.43	17.41	1.48	18.51	1.54	19.31	1.55	20.73	1.58	21.84	1.61
		95	15.83	1.49	16.93	1.55	18.04	1.60	18.54	1.62	20.24	1.65	21.34	1.69
		100	15.44	1.56	16.55	1.61	17.65	1.67	18.30	1.69	19.86	1.72	20.96	1.76
		105	15.06	1.62	16.16	1.68	17.27	1.74	18.06	1.76	19.47	1.79	20.57	1.83
		110	14.67	1.68	15.78	1.75	16.88	1.81	17.68	1.83	19.09	1.86	20.19	1.90
		115	14.29	1.75	15.39	1.81	16.49	1.88	17.29	1.90	18.70	1.93	19.80	1.97
		118	14.06	1.79	15.16	1.85	16.26	1.92	17.06	1.94	18.47	1.98	19.57	2.02
		122	13.98	1.84	15.08	1.90	16.19	1.97	16.98	2.00	18.39	2.03	19.49	2.07
	9 + 12	-4	19.98	1.01	21.22	1.04	22.46	1.08	23.36	1.09	24.95	1.12	26.19	1.14
		0	19.97	1.02	21.21	1.06	22.45	1.09	23.35	1.11	24.93	1.13	26.17	1.15
		5	19.95	1.04	21.19	1.07	22.43	1.11	23.33	1.12	24.91	1.15	26.15	1.17
		10	19.94	1.05	21.18	1.09	22.42	1.13	23.31	1.14	24.89	1.16	26.13	1.19
		14	19.92	1.07	21.16	1.10	22.40	1.14	23.29	1.16	24.87	1.18	26.11	1.20
		20	19.91	1.08	21.15	1.12	22.38	1.16	23.28	1.17	24.86	1.20	26.09	1.22
		25	19.89	1.10	21.13	1.14	22.37	1.18	23.26	1.19	24.84	1.21	26.07	1.24
		30	19.88	1.11	21.11	1.15	22.35	1.19	23.24	1.21	24.82	1.23	26.05	1.26
		35	19.86	1.13	21.10	1.17	22.33	1.21	23.22	1.22	24.80	1.25	26.03	1.27
		40	19.85	1.14	21.08	1.18	22.31	1.23	23.20	1.24	24.78	1.26	26.01	1.29
		45	19.83	1.16	21.07	1.20	22.30	1.24	23.19	1.26	24.76	1.28	25.99	1.31
		50	19.82	1.17	21.05	1.22	22.28	1.26	23.17	1.27	24.74	1.30	25.97	1.32
		55	19.80	1.19	21.03	1.23	22.26	1.28	23.15	1.29	24.72	1.32	25.95	1.34
		60	19.79	1.20	21.02	1.25	22.25	1.29	23.13	1.31	24.70	1.33	25.93	1.36
		65	19.77	1.22	21.00	1.26	22.23	1.31	23.12	1.32	24.68	1.35	25.91	1.38
		70	19.76	1.23	20.98	1.28	22.21	1.33	23.10	1.34	24.67	1.37	25.89	1.39
		75	19.28	1.30	20.51	1.35	21.73	1.40	22.61	1.41	24.18	1.44	25.40	1.47
		80	18.81	1.37	20.03	1.42	21.25	1.47	22.13	1.49	23.69	1.51	24.91	1.54
		85	18.34	1.43	19.55	1.49	20.77	1.54	21.65	1.56	23.21	1.59	24.43	1.62
		90	17.86	1.50	19.08	1.56	20.29	1.61	21.17	1.63	22.72	1.66	23.94	1.69
		95	17.35	1.57	18.56	1.62	19.77	1.68	20.33	1.70	22.19	1.73	23.40	1.77
		100	16.93	1.63	18.14	1.69	19.35	1.76	20.06	1.78	21.77	1.81	22.97	1.84
		105	16.51	1.70	17.72	1.76	18.93	1.83	19.80	1.85	21.34	1.88	22.55	1.92
		110	16.08	1.77	17.29	1.83	18.50	1.90	19.38	1.92	20.92	1.96	22.13	2.00
		115	15.66	1.83	16.87	1.90	18.08	1.97	18.95	1.99	20.50	2.03	21.71	2.07
		118	15.41	1.87	16.62	1.94	17.83	2.01	18.70	2.04	20.24	2.07	21.45	2.12
		122	15.32	1.93	16.53	2.00	17.74	2.07	18.62	2.09	20.16	2.13	21.37	2.18

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 30: KUMXA241A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 15	-4	22.61	1.08	24.02	1.12	25.42	1.16	26.44	1.17	28.23	1.19	29.63	1.22
		0	22.60	1.09	24.00	1.13	25.41	1.17	26.42	1.18	28.21	1.21	29.62	1.23
		5	22.58	1.11	23.98	1.15	25.39	1.19	26.40	1.20	28.19	1.23	29.59	1.25
		10	22.56	1.12	23.97	1.16	25.37	1.21	26.38	1.22	28.17	1.24	29.57	1.27
		14	22.55	1.14	23.95	1.18	25.35	1.22	26.36	1.24	28.15	1.26	29.55	1.29
		20	22.53	1.16	23.93	1.20	25.33	1.24	26.34	1.26	28.13	1.28	29.53	1.31
		25	22.51	1.17	23.91	1.22	25.31	1.26	26.32	1.27	28.10	1.30	29.50	1.32
		30	22.50	1.19	23.89	1.23	25.29	1.28	26.30	1.29	28.08	1.32	29.48	1.34
		35	22.48	1.21	23.87	1.25	25.27	1.30	26.28	1.31	28.06	1.33	29.46	1.36
		40	22.46	1.22	23.86	1.27	25.25	1.31	26.26	1.33	28.04	1.35	29.44	1.38
		45	22.44	1.24	23.84	1.28	25.23	1.33	26.24	1.35	28.02	1.37	29.41	1.40
		50	22.43	1.25	23.82	1.30	25.21	1.35	26.22	1.36	28.00	1.39	29.39	1.42
		55	22.41	1.27	23.80	1.32	25.19	1.37	26.20	1.38	27.98	1.41	29.37	1.44
		60	22.39	1.29	23.78	1.33	25.17	1.38	26.18	1.40	27.95	1.43	29.35	1.45
		65	22.37	1.30	23.76	1.35	25.15	1.40	26.16	1.42	27.93	1.44	29.32	1.47
		70	22.36	1.32	23.75	1.37	25.13	1.42	26.14	1.43	27.91	1.46	29.30	1.49
		75	21.82	1.39	23.20	1.44	24.59	1.50	25.59	1.51	27.36	1.54	28.75	1.57
		80	21.28	1.46	22.66	1.52	24.04	1.57	25.04	1.59	26.81	1.62	28.19	1.65
		85	20.75	1.53	22.13	1.59	23.50	1.65	24.50	1.67	26.26	1.70	27.64	1.73
		90	20.22	1.61	21.59	1.66	22.96	1.72	23.96	1.74	25.71	1.78	27.09	1.81
		95	19.64	1.68	21.00	1.74	22.37	1.80	23.00	1.82	25.11	1.86	26.48	1.89
		100	19.16	1.75	20.53	1.81	21.89	1.88	22.70	1.90	24.63	1.93	26.00	1.97
		105	18.68	1.82	20.05	1.89	21.42	1.95	22.40	1.98	24.15	2.01	25.52	2.05
		110	18.20	1.89	19.57	1.96	20.94	2.03	21.93	2.05	23.67	2.09	25.04	2.13
		115	17.72	1.96	19.09	2.03	20.46	2.11	21.45	2.13	23.20	2.17	24.56	2.22
		118	17.44	2.00	18.80	2.08	20.17	2.15	21.16	2.18	22.91	2.22	24.28	2.26
		122	17.34	2.06	18.71	2.14	20.08	2.21	21.07	2.24	22.81	2.28	24.18	2.33
	12 + 12	-4	22.61	1.08	24.02	1.12	25.42	1.16	26.44	1.17	28.23	1.19	29.63	1.22
		0	22.60	1.09	24.00	1.13	25.41	1.17	26.42	1.18	28.21	1.21	29.62	1.23
		5	22.58	1.11	23.98	1.15	25.39	1.19	26.40	1.20	28.19	1.23	29.59	1.25
		10	22.56	1.12	23.97	1.16	25.37	1.21	26.38	1.22	28.17	1.24	29.57	1.27
		14	22.55	1.14	23.95	1.18	25.35	1.22	26.36	1.24	28.15	1.26	29.55	1.29
		20	22.53	1.16	23.93	1.20	25.33	1.24	26.34	1.26	28.13	1.28	29.53	1.31
		25	22.51	1.17	23.91	1.22	25.31	1.26	26.32	1.27	28.10	1.30	29.50	1.32
		30	22.50	1.19	23.89	1.23	25.29	1.28	26.30	1.29	28.08	1.32	29.48	1.34
		35	22.48	1.21	23.87	1.25	25.27	1.30	26.28	1.31	28.06	1.33	29.46	1.36
		40	22.46	1.22	23.86	1.27	25.25	1.31	26.26	1.33	28.04	1.35	29.44	1.38
		45	22.44	1.24	23.84	1.28	25.23	1.33	26.24	1.35	28.02	1.37	29.41	1.40
		50	22.43	1.25	23.82	1.30	25.21	1.35	26.22	1.36	28.00	1.39	29.39	1.42
		55	22.41	1.27	23.80	1.32	25.19	1.37	26.20	1.38	27.98	1.41	29.37	1.44
		60	22.39	1.29	23.78	1.33	25.17	1.38	26.18	1.40	27.95	1.43	29.35	1.45
		65	22.37	1.30	23.76	1.35	25.15	1.40	26.16	1.42	27.93	1.44	29.32	1.47
		70	22.36	1.32	23.75	1.37	25.13	1.42	26.14	1.43	27.91	1.46	29.30	1.49
		75	21.82	1.39	23.20	1.44	24.59	1.50	25.59	1.51	27.36	1.54	28.75	1.57
		80	21.28	1.46	22.66	1.52	24.04	1.57	25.04	1.59	26.81	1.62	28.19	1.65
		85	20.75	1.53	22.13	1.59	23.50	1.65	24.50	1.67	26.26	1.70	27.64	1.73
		90	20.22	1.61	21.59	1.66	22.96	1.72	23.96	1.74	25.71	1.78	27.09	1.81
		95	19.64	1.68	21.00	1.74	22.37	1.80	23.00	1.82	25.11	1.86	26.48	1.89
		100	19.16	1.75	20.53	1.81	21.89	1.88	22.70	1.90	24.63	1.93	26.00	1.97
		105	18.68	1.82	20.05	1.89	21.42	1.95	22.40	1.98	24.15	2.01	25.52	2.05
		110	18.20	1.89	19.57	1.96	20.94	2.03	21.93	2.05	23.67	2.09	25.04	2.13
		115	17.72	1.96	19.09	2.03	20.46	2.11	21.45	2.13	23.20	2.17	24.56	2.22
		118	17.44	2.00	18.80	2.08	20.17	2.15	21.16	2.18	22.91	2.22	24.28	2.26
		122	17.34	2.06	18.71	2.14	20.08	2.21	21.07	2.24	22.81	2.28	24.18	2.33

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 31: KUMXA241A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 18	-4	22.61	1.08	24.02	1.12	25.42	1.16	26.44	1.17	28.23	1.19	29.63	1.22
		0	22.60	1.09	24.00	1.13	25.41	1.17	26.42	1.18	28.21	1.21	29.62	1.23
		5	22.58	1.11	23.98	1.15	25.39	1.19	26.40	1.20	28.19	1.23	29.59	1.25
		10	22.56	1.12	23.97	1.16	25.37	1.21	26.38	1.22	28.17	1.24	29.57	1.27
		14	22.55	1.14	23.95	1.18	25.35	1.22	26.36	1.24	28.15	1.26	29.55	1.29
		20	22.53	1.16	23.93	1.20	25.33	1.24	26.34	1.26	28.13	1.28	29.53	1.31
		25	22.51	1.17	23.91	1.22	25.31	1.26	26.32	1.27	28.10	1.30	29.50	1.32
		30	22.50	1.19	23.89	1.23	25.29	1.28	26.30	1.29	28.08	1.32	29.48	1.34
		35	22.48	1.21	23.87	1.25	25.27	1.30	26.28	1.31	28.06	1.33	29.46	1.36
		40	22.46	1.22	23.86	1.27	25.25	1.31	26.26	1.33	28.04	1.35	29.44	1.38
		45	22.44	1.24	23.84	1.28	25.23	1.33	26.24	1.35	28.02	1.37	29.41	1.40
		50	22.43	1.25	23.82	1.30	25.21	1.35	26.22	1.36	28.00	1.39	29.39	1.42
		55	22.41	1.27	23.80	1.32	25.19	1.37	26.20	1.38	27.98	1.41	29.37	1.44
		60	22.39	1.29	23.78	1.33	25.17	1.38	26.18	1.40	27.95	1.43	29.35	1.45
		65	22.37	1.30	23.76	1.35	25.15	1.40	26.16	1.42	27.93	1.44	29.32	1.47
		70	22.36	1.32	23.75	1.37	25.13	1.42	26.14	1.43	27.91	1.46	29.30	1.49
		75	21.82	1.39	23.20	1.44	24.59	1.50	25.59	1.51	27.36	1.54	28.75	1.57
		80	21.28	1.46	22.66	1.52	24.04	1.57	25.04	1.59	26.81	1.62	28.19	1.65
		85	20.75	1.53	22.13	1.59	23.50	1.65	24.50	1.67	26.26	1.70	27.64	1.73
		90	20.22	1.61	21.59	1.66	22.96	1.72	23.96	1.74	25.71	1.78	27.09	1.81
		95	19.64	1.68	21.00	1.74	22.37	1.80	23.00	1.82	25.11	1.86	26.48	1.89
		100	19.16	1.75	20.53	1.81	21.89	1.88	22.70	1.90	24.63	1.93	26.00	1.97
		105	18.68	1.82	20.05	1.89	21.42	1.95	22.40	1.98	24.15	2.01	25.52	2.05
		110	18.20	1.89	19.57	1.96	20.94	2.03	21.93	2.05	23.67	2.09	25.04	2.13
		115	17.72	1.96	19.09	2.03	20.46	2.11	21.45	2.13	23.20	2.17	24.56	2.22
		118	17.44	2.00	18.80	2.08	20.17	2.15	21.16	2.18	22.91	2.22	24.28	2.26
		122	17.34	2.06	18.71	2.14	20.08	2.21	21.07	2.24	22.81	2.28	24.18	2.33
	9 + 18	-4	22.61	1.08	24.02	1.12	25.42	1.16	26.44	1.17	28.23	1.19	29.63	1.22
		0	22.60	1.09	24.00	1.13	25.41	1.17	26.42	1.18	28.21	1.21	29.62	1.23
		5	22.58	1.11	23.98	1.15	25.39	1.19	26.40	1.20	28.19	1.23	29.59	1.25
		10	22.56	1.12	23.97	1.16	25.37	1.21	26.38	1.22	28.17	1.24	29.57	1.27
		14	22.55	1.14	23.95	1.18	25.35	1.22	26.36	1.24	28.15	1.26	29.55	1.29
		20	22.53	1.16	23.93	1.20	25.33	1.24	26.34	1.26	28.13	1.28	29.53	1.31
		25	22.51	1.17	23.91	1.22	25.31	1.26	26.32	1.27	28.10	1.30	29.50	1.32
		30	22.50	1.19	23.89	1.23	25.29	1.28	26.30	1.29	28.08	1.32	29.48	1.34
		35	22.48	1.21	23.87	1.25	25.27	1.30	26.28	1.31	28.06	1.33	29.46	1.36
		40	22.46	1.22	23.86	1.27	25.25	1.31	26.26	1.33	28.04	1.35	29.44	1.38
		45	22.44	1.24	23.84	1.28	25.23	1.33	26.24	1.35	28.02	1.37	29.41	1.40
		50	22.43	1.25	23.82	1.30	25.21	1.35	26.22	1.36	28.00	1.39	29.39	1.42
		55	22.41	1.27	23.80	1.32	25.19	1.37	26.20	1.38	27.98	1.41	29.37	1.44
		60	22.39	1.29	23.78	1.33	25.17	1.38	26.18	1.40	27.95	1.43	29.35	1.45
		65	22.37	1.30	23.76	1.35	25.15	1.40	26.16	1.42	27.93	1.44	29.32	1.47
		70	22.36	1.32	23.75	1.37	25.13	1.42	26.14	1.43	27.91	1.46	29.30	1.49
		75	21.82	1.39	23.20	1.44	24.59	1.50	25.59	1.51	27.36	1.54	28.75	1.57
		80	21.28	1.46	22.66	1.52	24.04	1.57	25.04	1.59	26.81	1.62	28.19	1.65
		85	20.75	1.53	22.13	1.59	23.50	1.65	24.50	1.67	26.26	1.70	27.64	1.73
		90	20.22	1.61	21.59	1.66	22.96	1.72	23.96	1.74	25.71	1.78	27.09	1.81
		95	19.64	1.68	21.00	1.74	22.37	1.80	23.00	1.82	25.11	1.86	26.48	1.89
		100	19.16	1.75	20.53	1.81	21.89	1.88	22.70	1.90	24.63	1.93	26.00	1.97
		105	18.68	1.82	20.05	1.89	21.42	1.95	22.40	1.98	24.15	2.01	25.52	2.05
		110	18.20	1.89	19.57	1.96	20.94	2.03	21.93	2.05	23.67	2.09	25.04	2.13
		115	17.72	1.96	19.09	2.03	20.46	2.11	21.45	2.13	23.20	2.17	24.56	2.22
		118	17.44	2.00	18.80	2.08	20.17	2.15	21.16	2.18	22.91	2.22	24.28	2.26
		122	17.34	2.06	18.71	2.14	20.08	2.21	21.07	2.24	22.81	2.28	24.18	2.33

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 32: KUMXA241A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 15	-4	22.61	1.08	24.02	1.12	25.42	1.16	26.44	1.17	28.23	1.19	29.63	1.22
		0	22.60	1.09	24.00	1.13	25.41	1.17	26.42	1.18	28.21	1.21	29.62	1.23
		5	22.58	1.11	23.98	1.15	25.39	1.19	26.40	1.20	28.19	1.23	29.59	1.25
		10	22.56	1.12	23.97	1.16	25.37	1.21	26.38	1.22	28.17	1.24	29.57	1.27
		14	22.55	1.14	23.95	1.18	25.35	1.22	26.36	1.24	28.15	1.26	29.55	1.29
		20	22.53	1.16	23.93	1.20	25.33	1.24	26.34	1.26	28.13	1.28	29.53	1.31
		25	22.51	1.17	23.91	1.22	25.31	1.26	26.32	1.27	28.10	1.30	29.50	1.32
		30	22.50	1.19	23.89	1.23	25.29	1.28	26.30	1.29	28.08	1.32	29.48	1.34
		35	22.48	1.21	23.87	1.25	25.27	1.30	26.28	1.31	28.06	1.33	29.46	1.36
		40	22.46	1.22	23.86	1.27	25.25	1.31	26.26	1.33	28.04	1.35	29.44	1.38
		45	22.44	1.24	23.84	1.28	25.23	1.33	26.24	1.35	28.02	1.37	29.41	1.40
		50	22.43	1.25	23.82	1.30	25.21	1.35	26.22	1.36	28.00	1.39	29.39	1.42
		55	22.41	1.27	23.80	1.32	25.19	1.37	26.20	1.38	27.98	1.41	29.37	1.44
		60	22.39	1.29	23.78	1.33	25.17	1.38	26.18	1.40	27.95	1.43	29.35	1.45
		65	22.37	1.30	23.76	1.35	25.15	1.40	26.16	1.42	27.93	1.44	29.32	1.47
		70	22.36	1.32	23.75	1.37	25.13	1.42	26.14	1.43	27.91	1.46	29.30	1.49
		75	21.82	1.39	23.20	1.44	24.59	1.50	25.59	1.51	27.36	1.54	28.75	1.57
		80	21.28	1.46	22.66	1.52	24.04	1.57	25.04	1.59	26.81	1.62	28.19	1.65
		85	20.75	1.53	22.13	1.59	23.50	1.65	24.50	1.67	26.26	1.70	27.64	1.73
		90	20.22	1.61	21.59	1.66	22.96	1.72	23.96	1.74	25.71	1.78	27.09	1.81
		95	19.64	1.68	21.00	1.74	22.37	1.80	23.00	1.82	25.11	1.86	26.48	1.89
		100	19.16	1.75	20.53	1.81	21.89	1.88	22.70	1.90	24.63	1.93	26.00	1.97
		105	18.68	1.82	20.05	1.89	21.42	1.95	22.40	1.98	24.15	2.01	25.52	2.05
		110	18.20	1.89	19.57	1.96	20.94	2.03	21.93	2.05	23.67	2.09	25.04	2.13
		115	17.72	1.96	19.09	2.03	20.46	2.11	21.45	2.13	23.20	2.17	24.56	2.22
		118	17.44	2.00	18.80	2.08	20.17	2.15	21.16	2.18	22.91	2.22	24.28	2.26
		122	17.34	2.06	18.71	2.14	20.08	2.21	21.07	2.24	22.81	2.28	24.18	2.33
	12* + 18*	-4	22.61	1.08	24.02	1.12	25.42	1.16	26.44	1.17	28.23	1.19	29.63	1.22
		0	22.60	1.09	24.00	1.13	25.41	1.17	26.42	1.18	28.21	1.21	29.62	1.23
		5	22.58	1.11	23.98	1.15	25.39	1.19	26.40	1.20	28.19	1.23	29.59	1.25
		10	22.56	1.12	23.97	1.16	25.37	1.21	26.38	1.22	28.17	1.24	29.57	1.27
		14	22.55	1.14	23.95	1.18	25.35	1.22	26.36	1.24	28.15	1.26	29.55	1.29
		20	22.53	1.16	23.93	1.20	25.33	1.24	26.34	1.26	28.13	1.28	29.53	1.31
		25	22.51	1.17	23.91	1.22	25.31	1.26	26.32	1.27	28.10	1.30	29.50	1.32
		30	22.50	1.19	23.89	1.23	25.29	1.28	26.30	1.29	28.08	1.32	29.48	1.34
		35	22.48	1.21	23.87	1.25	25.27	1.30	26.28	1.31	28.06	1.33	29.46	1.36
		40	22.46	1.22	23.86	1.27	25.25	1.31	26.26	1.33	28.04	1.35	29.44	1.38
		45	22.44	1.24	23.84	1.28	25.23	1.33	26.24	1.35	28.02	1.37	29.41	1.40
		50	22.43	1.25	23.82	1.30	25.21	1.35	26.22	1.36	28.00	1.39	29.39	1.42
		55	22.41	1.27	23.80	1.32	25.19	1.37	26.20	1.38	27.98	1.41	29.37	1.44
		60	22.39	1.29	23.78	1.33	25.17	1.38	26.18	1.40	27.95	1.43	29.35	1.45
		65	22.37	1.30	23.76	1.35	25.15	1.40	26.16	1.42	27.93	1.44	29.32	1.47
		70	22.36	1.32	23.75	1.37	25.13	1.42	26.14	1.43	27.91	1.46	29.30	1.49
		75	21.82	1.39	23.20	1.44	24.59	1.50	25.59	1.51	27.36	1.54	28.75	1.57
		80	21.28	1.46	22.66	1.52	24.04	1.57	25.04	1.59	26.81	1.62	28.19	1.65
		85	20.75	1.53	22.13	1.59	23.50	1.65	24.50	1.67	26.26	1.70	27.64	1.73
		90	20.22	1.61	21.59	1.66	22.96	1.72	23.96	1.74	25.71	1.78	27.09	1.81
		95	19.64	1.68	21.00	1.74	22.37	1.80	23.00	1.82	25.11	1.86	26.48	1.89
		100	19.16	1.75	20.53	1.81	21.89	1.88	22.70	1.90	24.63	1.93	26.00	1.97
		105	18.68	1.82	20.05	1.89	21.42	1.95	22.40	1.98	24.15	2.01	25.52	2.05
		110	18.20	1.89	19.57	1.96	20.94	2.03	21.93	2.05	23.67	2.09	25.04	2.13
		115	17.72	1.96	19.09	2.03	20.46	2.11	21.45	2.13	23.20	2.17	24.56	2.22
		118	17.44	2.00	18.80	2.08	20.17	2.15	21.16	2.18	22.91	2.22	24.28	2.26
		122	17.34	2.06	18.71	2.14	20.08	2.21	21.07	2.24	22.81	2.28	24.18	2.33

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 33: KUMXA241A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	15 + 18*	-4	22.61	1.08	24.02	1.12	25.42	1.16	26.44	1.17	28.23	1.19	29.63	1.22
		0	22.60	1.09	24.00	1.13	25.41	1.17	26.42	1.18	28.21	1.21	29.62	1.23
		5	22.58	1.11	23.98	1.15	25.39	1.19	26.40	1.20	28.19	1.23	29.59	1.25
		10	22.56	1.12	23.97	1.16	25.37	1.21	26.38	1.22	28.17	1.24	29.57	1.27
		14	22.55	1.14	23.95	1.18	25.35	1.22	26.36	1.24	28.15	1.26	29.55	1.29
		20	22.53	1.16	23.93	1.20	25.33	1.24	26.34	1.26	28.13	1.28	29.53	1.31
		25	22.51	1.17	23.91	1.22	25.31	1.26	26.32	1.27	28.10	1.30	29.50	1.32
		30	22.50	1.19	23.89	1.23	25.29	1.28	26.30	1.29	28.08	1.32	29.48	1.34
		35	22.48	1.21	23.87	1.25	25.27	1.30	26.28	1.31	28.06	1.33	29.46	1.36
		40	22.46	1.22	23.86	1.27	25.25	1.31	26.26	1.33	28.04	1.35	29.44	1.38
		45	22.44	1.24	23.84	1.28	25.23	1.33	26.24	1.35	28.02	1.37	29.41	1.40
		50	22.43	1.25	23.82	1.30	25.21	1.35	26.22	1.36	28.00	1.39	29.39	1.42
		55	22.41	1.27	23.80	1.32	25.19	1.37	26.20	1.38	27.98	1.41	29.37	1.44
		60	22.39	1.29	23.78	1.33	25.17	1.38	26.18	1.40	27.95	1.43	29.35	1.45
		65	22.37	1.30	23.76	1.35	25.15	1.40	26.16	1.42	27.93	1.44	29.32	1.47
		70	22.36	1.32	23.75	1.37	25.13	1.42	26.14	1.43	27.91	1.46	29.30	1.49
		75	21.82	1.39	23.20	1.44	24.59	1.50	25.59	1.51	27.36	1.54	28.75	1.57
		80	21.28	1.46	22.66	1.52	24.04	1.57	25.04	1.59	26.81	1.62	28.19	1.65
		85	20.75	1.53	22.13	1.59	23.50	1.65	24.50	1.67	26.26	1.70	27.64	1.73
		90	20.22	1.61	21.59	1.66	22.96	1.72	23.96	1.74	25.71	1.78	27.09	1.81
		95	19.64	1.68	21.00	1.74	22.37	1.80	23.00	1.82	25.11	1.86	26.48	1.89
		100	19.16	1.75	20.53	1.81	21.89	1.88	22.70	1.90	24.63	1.93	26.00	1.97
		105	18.68	1.82	20.05	1.89	21.42	1.95	22.40	1.98	24.15	2.01	25.52	2.05
		110	18.20	1.89	19.57	1.96	20.94	2.03	21.93	2.05	23.67	2.09	25.04	2.13
		115	17.72	1.96	19.09	2.03	20.46	2.11	21.45	2.13	23.20	2.17	24.56	2.22
		118	17.44	2.00	18.80	2.08	20.17	2.15	21.16	2.18	22.91	2.22	24.28	2.26
				122	17.34	2.06	18.71	2.14	20.08	2.21	21.07	2.24	22.81	2.28
	7 + 7 + 9	-4	20.80	1.01	22.10	1.04	23.39	1.08	24.32	1.09	25.97	1.11	27.26	1.14
		0	20.79	1.02	22.08	1.05	23.37	1.09	24.31	1.10	25.96	1.12	27.25	1.15
		5	20.77	1.03	22.06	1.07	23.36	1.11	24.29	1.12	25.94	1.14	27.23	1.17
		10	20.76	1.05	22.05	1.09	23.34	1.13	24.27	1.14	25.92	1.16	27.21	1.18
		14	20.74	1.06	22.03	1.10	23.32	1.14	24.25	1.16	25.90	1.18	27.18	1.20
		20	20.73	1.08	22.01	1.12	23.30	1.16	24.23	1.17	25.88	1.19	27.16	1.22
		25	20.71	1.09	22.00	1.13	23.28	1.18	24.21	1.19	25.86	1.21	27.14	1.24
		30	20.70	1.11	21.98	1.15	23.27	1.19	24.19	1.21	25.84	1.23	27.12	1.25
		35	20.68	1.12	21.96	1.17	23.25	1.21	24.18	1.22	25.82	1.24	27.10	1.27
		40	20.66	1.14	21.95	1.18	23.23	1.22	24.16	1.24	25.80	1.26	27.08	1.29
		45	20.65	1.15	21.93	1.20	23.21	1.24	24.14	1.26	25.78	1.28	27.06	1.30
		50	20.63	1.17	21.91	1.21	23.20	1.26	24.12	1.27	25.76	1.30	27.04	1.32
		55	20.62	1.19	21.90	1.23	23.18	1.27	24.10	1.29	25.74	1.31	27.02	1.34
		60	20.60	1.20	21.88	1.24	23.16	1.29	24.08	1.30	25.72	1.33	27.00	1.36
		65	20.58	1.22	21.86	1.26	23.14	1.31	24.07	1.32	25.70	1.35	26.98	1.37
		70	20.57	1.23	21.85	1.28	23.12	1.32	24.05	1.34	25.68	1.36	26.96	1.39
		75	20.07	1.30	21.35	1.35	22.62	1.39	23.54	1.41	25.17	1.44	26.45	1.47
		80	19.58	1.36	20.85	1.41	22.12	1.47	23.04	1.48	24.66	1.51	25.93	1.54
		85	19.09	1.43	20.36	1.48	21.62	1.54	22.54	1.55	24.16	1.58	25.43	1.62
		90	18.60	1.50	19.86	1.55	21.13	1.61	22.04	1.63	23.66	1.66	24.92	1.69
		95	18.07	1.56	19.32	1.62	20.58	1.68	21.16	1.70	23.10	1.73	24.36	1.77
		100	17.63	1.63	18.88	1.69	20.14	1.75	20.89	1.77	22.66	1.80	23.92	1.84
		105	17.19	1.70	18.44	1.76	19.70	1.82	20.61	1.84	22.22	1.88	23.48	1.92
		110	16.75	1.76	18.00	1.83	19.26	1.89	20.17	1.92	21.78	1.95	23.04	1.99
		115	16.31	1.83	17.56	1.90	18.82	1.97	19.73	1.99	21.34	2.02	22.60	2.07
		118	16.04	1.87	17.30	1.94	18.56	2.01	19.47	2.03	21.08	2.07	22.33	2.11
				122	15.95	1.92	17.21	1.99	18.47	2.07	19.38	2.09	20.99	2.13

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 34: KUMXA241A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7 + 9 + 9	-4	22.61	1.05	24.02	1.09	25.42	1.13	26.44	1.14	28.23	1.16	29.63	1.18
		0	22.60	1.06	24.00	1.10	25.41	1.14	26.42	1.15	28.21	1.17	29.62	1.20
		5	22.58	1.08	23.98	1.12	25.39	1.16	26.40	1.17	28.19	1.19	29.59	1.21
		10	22.56	1.09	23.97	1.13	25.37	1.17	26.38	1.19	28.17	1.21	29.57	1.23
		14	22.55	1.11	23.95	1.15	25.35	1.19	26.36	1.20	28.15	1.23	29.55	1.25
		20	22.53	1.12	23.93	1.16	25.33	1.21	26.34	1.22	28.13	1.24	29.53	1.27
		25	22.51	1.14	23.91	1.18	25.31	1.22	26.32	1.24	28.10	1.26	29.50	1.29
		30	22.50	1.16	23.89	1.20	25.29	1.24	26.30	1.26	28.08	1.28	29.48	1.30
		35	22.48	1.17	23.87	1.21	25.27	1.26	26.28	1.27	28.06	1.30	29.46	1.32
		40	22.46	1.19	23.86	1.23	25.25	1.28	26.26	1.29	28.04	1.31	29.44	1.34
		45	22.44	1.20	23.84	1.25	25.23	1.29	26.24	1.31	28.02	1.33	29.41	1.36
		50	22.43	1.22	23.82	1.26	25.21	1.31	26.22	1.32	28.00	1.35	29.39	1.38
		55	22.41	1.23	23.80	1.28	25.19	1.33	26.20	1.34	27.98	1.37	29.37	1.39
		60	22.39	1.25	23.78	1.30	25.17	1.34	26.18	1.36	27.95	1.38	29.35	1.41
		65	22.37	1.27	23.76	1.31	25.15	1.36	26.16	1.38	27.93	1.40	29.32	1.43
		70	22.36	1.28	23.75	1.33	25.13	1.38	26.14	1.39	27.91	1.42	29.30	1.45
		75	21.82	1.35	23.20	1.40	24.59	1.45	25.59	1.47	27.36	1.50	28.75	1.53
		80	21.28	1.42	22.66	1.47	24.04	1.53	25.04	1.54	26.81	1.57	28.19	1.60
		85	20.75	1.49	22.13	1.54	23.50	1.60	24.50	1.62	26.26	1.65	27.64	1.68
		90	20.22	1.56	21.59	1.62	22.96	1.68	23.96	1.69	25.71	1.73	27.09	1.76
		95	19.64	1.63	21.00	1.69	22.37	1.75	23.00	1.77	25.11	1.80	26.48	1.84
		100	19.16	1.70	20.53	1.76	21.89	1.82	22.70	1.85	24.63	1.88	26.00	1.92
		105	18.68	1.77	20.05	1.83	21.42	1.90	22.40	1.92	24.15	1.96	25.52	2.00
		110	18.20	1.84	19.57	1.90	20.94	1.97	21.93	2.00	23.67	2.03	25.04	2.07
		115	17.72	1.91	19.09	1.98	20.46	2.05	21.45	2.07	23.20	2.11	24.56	2.15
		118	17.44	1.95	18.80	2.02	20.17	2.09	21.16	2.12	22.91	2.16	24.28	2.20
		122	17.34	2.00	18.71	2.08	20.08	2.15	21.07	2.18	22.81	2.22	24.18	2.26
	7 + 7 + 12	-4	22.61	1.05	24.02	1.09	25.42	1.13	26.44	1.14	28.23	1.16	29.63	1.18
		0	22.60	1.06	24.00	1.10	25.41	1.14	26.42	1.15	28.21	1.17	29.62	1.20
		5	22.58	1.08	23.98	1.12	25.39	1.16	26.40	1.17	28.19	1.19	29.59	1.21
		10	22.56	1.09	23.97	1.13	25.37	1.17	26.38	1.19	28.17	1.21	29.57	1.23
		14	22.55	1.11	23.95	1.15	25.35	1.19	26.36	1.20	28.15	1.23	29.55	1.25
		20	22.53	1.12	23.93	1.16	25.33	1.21	26.34	1.22	28.13	1.24	29.53	1.27
		25	22.51	1.14	23.91	1.18	25.31	1.22	26.32	1.24	28.10	1.26	29.50	1.29
		30	22.50	1.16	23.89	1.20	25.29	1.24	26.30	1.26	28.08	1.28	29.48	1.30
		35	22.48	1.17	23.87	1.21	25.27	1.26	26.28	1.27	28.06	1.30	29.46	1.32
		40	22.46	1.19	23.86	1.23	25.25	1.28	26.26	1.29	28.04	1.31	29.44	1.34
		45	22.44	1.20	23.84	1.25	25.23	1.29	26.24	1.31	28.02	1.33	29.41	1.36
		50	22.43	1.22	23.82	1.26	25.21	1.31	26.22	1.32	28.00	1.35	29.39	1.38
		55	22.41	1.23	23.80	1.28	25.19	1.33	26.20	1.34	27.98	1.37	29.37	1.39
		60	22.39	1.25	23.78	1.30	25.17	1.34	26.18	1.36	27.95	1.38	29.35	1.41
		65	22.37	1.27	23.76	1.31	25.15	1.36	26.16	1.38	27.93	1.40	29.32	1.43
		70	22.36	1.28	23.75	1.33	25.13	1.38	26.14	1.39	27.91	1.42	29.30	1.45
		75	21.82	1.35	23.20	1.40	24.59	1.45	25.59	1.47	27.36	1.50	28.75	1.53
		80	21.28	1.42	22.66	1.47	24.04	1.53	25.04	1.54	26.81	1.57	28.19	1.60
		85	20.75	1.49	22.13	1.54	23.50	1.60	24.50	1.62	26.26	1.65	27.64	1.68
		90	20.22	1.56	21.59	1.62	22.96	1.68	23.96	1.69	25.71	1.73	27.09	1.76
		95	19.64	1.63	21.00	1.69	22.37	1.75	23.00	1.77	25.11	1.80	26.48	1.84
		100	19.16	1.70	20.53	1.76	21.89	1.82	22.70	1.85	24.63	1.88	26.00	1.92
		105	18.68	1.77	20.05	1.83	21.42	1.90	22.40	1.92	24.15	1.96	25.52	2.00
		110	18.20	1.84	19.57	1.90	20.94	1.97	21.93	2.00	23.67	2.03	25.04	2.07
		115	17.72	1.91	19.09	1.98	20.46	2.05	21.45	2.07	23.20	2.11	24.56	2.15
		118	17.44	1.95	18.80	2.02	20.17	2.09	21.16	2.12	22.91	2.16	24.28	2.20
		122	17.34	2.00	18.71	2.08	20.08	2.15	21.07	2.18	22.81	2.22	24.18	2.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 35: KUMXA241A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	-4	22.61	1.05	24.02	1.09	25.42	1.13	26.44	1.14	28.23	1.16	29.63	1.18
		0	22.60	1.06	24.00	1.10	25.41	1.14	26.42	1.15	28.21	1.17	29.62	1.20
		5	22.58	1.08	23.98	1.12	25.39	1.16	26.40	1.17	28.19	1.19	29.59	1.21
		10	22.56	1.09	23.97	1.13	25.37	1.17	26.38	1.19	28.17	1.21	29.57	1.23
		14	22.55	1.11	23.95	1.15	25.35	1.19	26.36	1.20	28.15	1.23	29.55	1.25
		20	22.53	1.12	23.93	1.16	25.33	1.21	26.34	1.22	28.13	1.24	29.53	1.27
		25	22.51	1.14	23.91	1.18	25.31	1.22	26.32	1.24	28.10	1.26	29.50	1.29
		30	22.50	1.16	23.89	1.20	25.29	1.24	26.30	1.26	28.08	1.28	29.48	1.30
		35	22.48	1.17	23.87	1.21	25.27	1.26	26.28	1.27	28.06	1.30	29.46	1.32
		40	22.46	1.19	23.86	1.23	25.25	1.28	26.26	1.29	28.04	1.31	29.44	1.34
		45	22.44	1.20	23.84	1.25	25.23	1.29	26.24	1.31	28.02	1.33	29.41	1.36
		50	22.43	1.22	23.82	1.26	25.21	1.31	26.22	1.32	28.00	1.35	29.39	1.38
		55	22.41	1.23	23.80	1.28	25.19	1.33	26.20	1.34	27.98	1.37	29.37	1.39
		60	22.39	1.25	23.78	1.30	25.17	1.34	26.18	1.36	27.95	1.38	29.35	1.41
		65	22.37	1.27	23.76	1.31	25.15	1.36	26.16	1.38	27.93	1.40	29.32	1.43
		70	22.36	1.28	23.75	1.33	25.13	1.38	26.14	1.39	27.91	1.42	29.30	1.45
		75	21.82	1.35	23.20	1.40	24.59	1.45	25.59	1.47	27.36	1.50	28.75	1.53
		80	21.28	1.42	22.66	1.47	24.04	1.53	25.04	1.54	26.81	1.57	28.19	1.60
		85	20.75	1.49	22.13	1.54	23.50	1.60	24.50	1.62	26.26	1.65	27.64	1.68
		90	20.22	1.56	21.59	1.62	22.96	1.68	23.96	1.69	25.71	1.73	27.09	1.76
		95	19.64	1.63	21.00	1.69	22.37	1.75	23.00	1.77	25.11	1.80	26.48	1.84
		100	19.16	1.70	20.53	1.76	21.89	1.82	22.70	1.85	24.63	1.88	26.00	1.92
		105	18.68	1.77	20.05	1.83	21.42	1.90	22.40	1.92	24.15	1.96	25.52	2.00
		110	18.20	1.84	19.57	1.90	20.94	1.97	21.93	2.00	23.67	2.03	25.04	2.07
		115	17.72	1.91	19.09	1.98	20.46	2.05	21.45	2.07	23.20	2.11	24.56	2.15
		118	17.44	1.95	18.80	2.02	20.17	2.09	21.16	2.12	22.91	2.16	24.28	2.20
		122	17.34	2.00	18.71	2.08	20.08	2.15	21.07	2.18	22.81	2.22	24.18	2.26
	7 + 9 + 12*	-4	22.61	1.05	24.02	1.09	25.42	1.13	26.44	1.14	28.23	1.16	29.63	1.18
		0	22.60	1.06	24.00	1.10	25.41	1.14	26.42	1.15	28.21	1.17	29.62	1.20
		5	22.58	1.08	23.98	1.12	25.39	1.16	26.40	1.17	28.19	1.19	29.59	1.21
		10	22.56	1.09	23.97	1.13	25.37	1.17	26.38	1.19	28.17	1.21	29.57	1.23
		14	22.55	1.11	23.95	1.15	25.35	1.19	26.36	1.20	28.15	1.23	29.55	1.25
		20	22.53	1.12	23.93	1.16	25.33	1.21	26.34	1.22	28.13	1.24	29.53	1.27
		25	22.51	1.14	23.91	1.18	25.31	1.22	26.32	1.24	28.10	1.26	29.50	1.29
		30	22.50	1.16	23.89	1.20	25.29	1.24	26.30	1.26	28.08	1.28	29.48	1.30
		35	22.48	1.17	23.87	1.21	25.27	1.26	26.28	1.27	28.06	1.30	29.46	1.32
		40	22.46	1.19	23.86	1.23	25.25	1.28	26.26	1.29	28.04	1.31	29.44	1.34
		45	22.44	1.20	23.84	1.25	25.23	1.29	26.24	1.31	28.02	1.33	29.41	1.36
		50	22.43	1.22	23.82	1.26	25.21	1.31	26.22	1.32	28.00	1.35	29.39	1.38
		55	22.41	1.23	23.80	1.28	25.19	1.33	26.20	1.34	27.98	1.37	29.37	1.39
		60	22.39	1.25	23.78	1.30	25.17	1.34	26.18	1.36	27.95	1.38	29.35	1.41
		65	22.37	1.27	23.76	1.31	25.15	1.36	26.16	1.38	27.93	1.40	29.32	1.43
		70	22.36	1.28	23.75	1.33	25.13	1.38	26.14	1.39	27.91	1.42	29.30	1.45
		75	21.82	1.35	23.20	1.40	24.59	1.45	25.59	1.47	27.36	1.50	28.75	1.53
		80	21.28	1.42	22.66	1.47	24.04	1.53	25.04	1.54	26.81	1.57	28.19	1.60
		85	20.75	1.49	22.13	1.54	23.50	1.60	24.50	1.62	26.26	1.65	27.64	1.68
		90	20.22	1.56	21.59	1.62	22.96	1.68	23.96	1.69	25.71	1.73	27.09	1.76
		95	19.64	1.63	21.00	1.69	22.37	1.75	23.00	1.77	25.11	1.80	26.48	1.84
		100	19.16	1.70	20.53	1.76	21.89	1.82	22.70	1.85	24.63	1.88	26.00	1.92
		105	18.68	1.77	20.05	1.83	21.42	1.90	22.40	1.92	24.15	1.96	25.52	2.00
		110	18.20	1.84	19.57	1.90	20.94	1.97	21.93	2.00	23.67	2.03	25.04	2.07
		115	17.72	1.91	19.09	1.98	20.46	2.05	21.45	2.07	23.20	2.11	24.56	2.15
		118	17.44	1.95	18.80	2.02	20.17	2.09	21.16	2.12	22.91	2.16	24.28	2.20
		122	17.34	2.00	18.71	2.08	20.08	2.15	21.07	2.18	22.81	2.22	24.18	2.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 36: KUMXA241A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9* + 12*	-4	22.61	1.05	24.02	1.09	25.42	1.13	26.44	1.14	28.23	1.16	29.63	1.18
		0	22.60	1.06	24.00	1.10	25.41	1.14	26.42	1.15	28.21	1.17	29.62	1.20
		5	22.58	1.08	23.98	1.12	25.39	1.16	26.40	1.17	28.19	1.19	29.59	1.21
		10	22.56	1.09	23.97	1.13	25.37	1.17	26.38	1.19	28.17	1.21	29.57	1.23
		14	22.55	1.11	23.95	1.15	25.35	1.19	26.36	1.20	28.15	1.23	29.55	1.25
		20	22.53	1.12	23.93	1.16	25.33	1.21	26.34	1.22	28.13	1.24	29.53	1.27
		25	22.51	1.14	23.91	1.18	25.31	1.22	26.32	1.24	28.10	1.26	29.50	1.29
		30	22.50	1.16	23.89	1.20	25.29	1.24	26.30	1.26	28.08	1.28	29.48	1.30
		35	22.48	1.17	23.87	1.21	25.27	1.26	26.28	1.27	28.06	1.30	29.46	1.32
		40	22.46	1.19	23.86	1.23	25.25	1.28	26.26	1.29	28.04	1.31	29.44	1.34
		45	22.44	1.20	23.84	1.25	25.23	1.29	26.24	1.31	28.02	1.33	29.41	1.36
		50	22.43	1.22	23.82	1.26	25.21	1.31	26.22	1.32	28.00	1.35	29.39	1.38
		55	22.41	1.23	23.80	1.28	25.19	1.33	26.20	1.34	27.98	1.37	29.37	1.39
		60	22.39	1.25	23.78	1.30	25.17	1.34	26.18	1.36	27.95	1.38	29.35	1.41
		65	22.37	1.27	23.76	1.31	25.15	1.36	26.16	1.38	27.93	1.40	29.32	1.43
		70	22.36	1.28	23.75	1.33	25.13	1.38	26.14	1.39	27.91	1.42	29.30	1.45
		75	21.82	1.35	23.20	1.40	24.59	1.45	25.59	1.47	27.36	1.50	28.75	1.53
		80	21.28	1.42	22.66	1.47	24.04	1.53	25.04	1.54	26.81	1.57	28.19	1.60
		85	20.75	1.49	22.13	1.54	23.50	1.60	24.50	1.62	26.26	1.65	27.64	1.68
		90	20.22	1.56	21.59	1.62	22.96	1.68	23.96	1.69	25.71	1.73	27.09	1.76
		95	19.64	1.63	21.00	1.69	22.37	1.75	23.00	1.77	25.11	1.80	26.48	1.84
		100	19.16	1.70	20.53	1.76	21.89	1.82	22.70	1.85	24.63	1.88	26.00	1.92
		105	18.68	1.77	20.05	1.83	21.42	1.90	22.40	1.92	24.15	1.96	25.52	2.00
		110	18.20	1.84	19.57	1.90	20.94	1.97	21.93	2.00	23.67	2.03	25.04	2.07
		115	17.72	1.91	19.09	1.98	20.46	2.05	21.45	2.07	23.20	2.11	24.56	2.15
		118	17.44	1.95	18.80	2.02	20.17	2.09	21.16	2.12	22.91	2.16	24.28	2.20
		122	17.34	2.00	18.71	2.08	20.08	2.15	21.07	2.18	22.81	2.22	24.18	2.26
	7 + 9* + 15	-4	22.61	1.05	24.02	1.09	25.42	1.13	26.44	1.14	28.23	1.16	29.63	1.18
		0	22.60	1.06	24.00	1.10	25.41	1.14	26.42	1.15	28.21	1.17	29.62	1.20
		5	22.58	1.08	23.98	1.12	25.39	1.16	26.40	1.17	28.19	1.19	29.59	1.21
		10	22.56	1.09	23.97	1.13	25.37	1.17	26.38	1.19	28.17	1.21	29.57	1.23
		14	22.55	1.11	23.95	1.15	25.35	1.19	26.36	1.20	28.15	1.23	29.55	1.25
		20	22.53	1.12	23.93	1.16	25.33	1.21	26.34	1.22	28.13	1.24	29.53	1.27
		25	22.51	1.14	23.91	1.18	25.31	1.22	26.32	1.24	28.10	1.26	29.50	1.29
		30	22.50	1.16	23.89	1.20	25.29	1.24	26.30	1.26	28.08	1.28	29.48	1.30
		35	22.48	1.17	23.87	1.21	25.27	1.26	26.28	1.27	28.06	1.30	29.46	1.32
		40	22.46	1.19	23.86	1.23	25.25	1.28	26.26	1.29	28.04	1.31	29.44	1.34
		45	22.44	1.20	23.84	1.25	25.23	1.29	26.24	1.31	28.02	1.33	29.41	1.36
		50	22.43	1.22	23.82	1.26	25.21	1.31	26.22	1.32	28.00	1.35	29.39	1.38
		55	22.41	1.23	23.80	1.28	25.19	1.33	26.20	1.34	27.98	1.37	29.37	1.39
		60	22.39	1.25	23.78	1.30	25.17	1.34	26.18	1.36	27.95	1.38	29.35	1.41
		65	22.37	1.27	23.76	1.31	25.15	1.36	26.16	1.38	27.93	1.40	29.32	1.43
		70	22.36	1.28	23.75	1.33	25.13	1.38	26.14	1.39	27.91	1.42	29.30	1.45
		75	21.82	1.35	23.20	1.40	24.59	1.45	25.59	1.47	27.36	1.50	28.75	1.53
		80	21.28	1.42	22.66	1.47	24.04	1.53	25.04	1.54	26.81	1.57	28.19	1.60
		85	20.75	1.49	22.13	1.54	23.50	1.60	24.50	1.62	26.26	1.65	27.64	1.68
		90	20.22	1.56	21.59	1.62	22.96	1.68	23.96	1.69	25.71	1.73	27.09	1.76
		95	19.64	1.63	21.00	1.69	22.37	1.75	23.00	1.77	25.11	1.80	26.48	1.84
		100	19.16	1.70	20.53	1.76	21.89	1.82	22.70	1.85	24.63	1.88	26.00	1.92
		105	18.68	1.77	20.05	1.83	21.42	1.90	22.40	1.92	24.15	1.96	25.52	2.00
		110	18.20	1.84	19.57	1.90	20.94	1.97	21.93	2.00	23.67	2.03	25.04	2.07
		115	17.72	1.91	19.09	1.98	20.46	2.05	21.45	2.07	23.20	2.11	24.56	2.15
		118	17.44	1.95	18.80	2.02	20.17	2.09	21.16	2.12	22.91	2.16	24.28	2.20
		122	17.34	2.00	18.71	2.08	20.08	2.15	21.07	2.18	22.81	2.22	24.18	2.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 37: KUMXA241A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7 + 12* + 12*	-4	22.61	1.05	24.02	1.09	25.42	1.13	26.44	1.14	28.23	1.16	29.63	1.18
		0	22.60	1.06	24.00	1.10	25.41	1.14	26.42	1.15	28.21	1.17	29.62	1.20
		5	22.58	1.08	23.98	1.12	25.39	1.16	26.40	1.17	28.19	1.19	29.59	1.21
		10	22.56	1.09	23.97	1.13	25.37	1.17	26.38	1.19	28.17	1.21	29.57	1.23
		14	22.55	1.11	23.95	1.15	25.35	1.19	26.36	1.20	28.15	1.23	29.55	1.25
		20	22.53	1.12	23.93	1.16	25.33	1.21	26.34	1.22	28.13	1.24	29.53	1.27
		25	22.51	1.14	23.91	1.18	25.31	1.22	26.32	1.24	28.10	1.26	29.50	1.29
		30	22.50	1.16	23.89	1.20	25.29	1.24	26.30	1.26	28.08	1.28	29.48	1.30
		35	22.48	1.17	23.87	1.21	25.27	1.26	26.28	1.27	28.06	1.30	29.46	1.32
		40	22.46	1.19	23.86	1.23	25.25	1.28	26.26	1.29	28.04	1.31	29.44	1.34
		45	22.44	1.20	23.84	1.25	25.23	1.29	26.24	1.31	28.02	1.33	29.41	1.36
		50	22.43	1.22	23.82	1.26	25.21	1.31	26.22	1.32	28.00	1.35	29.39	1.38
		55	22.41	1.23	23.80	1.28	25.19	1.33	26.20	1.34	27.98	1.37	29.37	1.39
		60	22.39	1.25	23.78	1.30	25.17	1.34	26.18	1.36	27.95	1.38	29.35	1.41
		65	22.37	1.27	23.76	1.31	25.15	1.36	26.16	1.38	27.93	1.40	29.32	1.43
		70	22.36	1.28	23.75	1.33	25.13	1.38	26.14	1.39	27.91	1.42	29.30	1.45
		75	21.82	1.35	23.20	1.40	24.59	1.45	25.59	1.47	27.36	1.50	28.75	1.53
		80	21.28	1.42	22.66	1.47	24.04	1.53	25.04	1.54	26.81	1.57	28.19	1.60
		85	20.75	1.49	22.13	1.54	23.50	1.60	24.50	1.62	26.26	1.65	27.64	1.68
		90	20.22	1.56	21.59	1.62	22.96	1.68	23.96	1.69	25.71	1.73	27.09	1.76
		95	19.64	1.63	21.00	1.69	22.37	1.75	23.00	1.77	25.11	1.80	26.48	1.84
		100	19.16	1.70	20.53	1.76	21.89	1.82	22.70	1.85	24.63	1.88	26.00	1.92
		105	18.68	1.77	20.05	1.83	21.42	1.90	22.40	1.92	24.15	1.96	25.52	2.00
		110	18.20	1.84	19.57	1.90	20.94	1.97	21.93	2.00	23.67	2.03	25.04	2.07
		115	17.72	1.91	19.09	1.98	20.46	2.05	21.45	2.07	23.20	2.11	24.56	2.15
		118	17.44	1.95	18.80	2.02	20.17	2.09	21.16	2.12	22.91	2.16	24.28	2.20
		122	17.34	2.00	18.71	2.08	20.08	2.15	21.07	2.18	22.81	2.22	24.18	2.26
	7 + 7 + 18*	-4	22.61	1.05	24.02	1.09	25.42	1.13	26.44	1.14	28.23	1.16	29.63	1.18
		0	22.60	1.06	24.00	1.10	25.41	1.14	26.42	1.15	28.21	1.17	29.62	1.20
		5	22.58	1.08	23.98	1.12	25.39	1.16	26.40	1.17	28.19	1.19	29.59	1.21
		10	22.56	1.09	23.97	1.13	25.37	1.17	26.38	1.19	28.17	1.21	29.57	1.23
		14	22.55	1.11	23.95	1.15	25.35	1.19	26.36	1.20	28.15	1.23	29.55	1.25
		20	22.53	1.12	23.93	1.16	25.33	1.21	26.34	1.22	28.13	1.24	29.53	1.27
		25	22.51	1.14	23.91	1.18	25.31	1.22	26.32	1.24	28.10	1.26	29.50	1.29
		30	22.50	1.16	23.89	1.20	25.29	1.24	26.30	1.26	28.08	1.28	29.48	1.30
		35	22.48	1.17	23.87	1.21	25.27	1.26	26.28	1.27	28.06	1.30	29.46	1.32
		40	22.46	1.19	23.86	1.23	25.25	1.28	26.26	1.29	28.04	1.31	29.44	1.34
		45	22.44	1.20	23.84	1.25	25.23	1.29	26.24	1.31	28.02	1.33	29.41	1.36
		50	22.43	1.22	23.82	1.26	25.21	1.31	26.22	1.32	28.00	1.35	29.39	1.38
		55	22.41	1.23	23.80	1.28	25.19	1.33	26.20	1.34	27.98	1.37	29.37	1.39
		60	22.39	1.25	23.78	1.30	25.17	1.34	26.18	1.36	27.95	1.38	29.35	1.41
		65	22.37	1.27	23.76	1.31	25.15	1.36	26.16	1.38	27.93	1.40	29.32	1.43
		70	22.36	1.28	23.75	1.33	25.13	1.38	26.14	1.39	27.91	1.42	29.30	1.45
		75	21.82	1.35	23.20	1.40	24.59	1.45	25.59	1.47	27.36	1.50	28.75	1.53
		80	21.28	1.42	22.66	1.47	24.04	1.53	25.04	1.54	26.81	1.57	28.19	1.60
		85	20.75	1.49	22.13	1.54	23.50	1.60	24.50	1.62	26.26	1.65	27.64	1.68
		90	20.22	1.56	21.59	1.62	22.96	1.68	23.96	1.69	25.71	1.73	27.09	1.76
		95	19.64	1.63	21.00	1.69	22.37	1.75	23.00	1.77	25.11	1.80	26.48	1.84
		100	19.16	1.70	20.53	1.76	21.89	1.82	22.70	1.85	24.63	1.88	26.00	1.92
		105	18.68	1.77	20.05	1.83	21.42	1.90	22.40	1.92	24.15	1.96	25.52	2.00
		110	18.20	1.84	19.57	1.90	20.94	1.97	21.93	2.00	23.67	2.03	25.04	2.07
		115	17.72	1.91	19.09	1.98	20.46	2.05	21.45	2.07	23.20	2.11	24.56	2.15
		118	17.44	1.95	18.80	2.02	20.17	2.09	21.16	2.12	22.91	2.16	24.28	2.20
		122	17.34	2.00	18.71	2.08	20.08	2.15	21.07	2.18	22.81	2.22	24.18	2.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 38: KUMXA241A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9* + 9* + 15	-4	22.61	1.05	24.02	1.09	25.42	1.13	26.44	1.14	28.23	1.16	29.63	1.18
		0	22.60	1.06	24.00	1.10	25.41	1.14	26.42	1.15	28.21	1.17	29.62	1.20
		5	22.58	1.08	23.98	1.12	25.39	1.16	26.40	1.17	28.19	1.19	29.59	1.21
		10	22.56	1.09	23.97	1.13	25.37	1.17	26.38	1.19	28.17	1.21	29.57	1.23
		14	22.55	1.11	23.95	1.15	25.35	1.19	26.36	1.20	28.15	1.23	29.55	1.25
		20	22.53	1.12	23.93	1.16	25.33	1.21	26.34	1.22	28.13	1.24	29.53	1.27
		25	22.51	1.14	23.91	1.18	25.31	1.22	26.32	1.24	28.10	1.26	29.50	1.29
		30	22.50	1.16	23.89	1.20	25.29	1.24	26.30	1.26	28.08	1.28	29.48	1.30
		35	22.48	1.17	23.87	1.21	25.27	1.26	26.28	1.27	28.06	1.30	29.46	1.32
		40	22.46	1.19	23.86	1.23	25.25	1.28	26.26	1.29	28.04	1.31	29.44	1.34
		45	22.44	1.20	23.84	1.25	25.23	1.29	26.24	1.31	28.02	1.33	29.41	1.36
		50	22.43	1.22	23.82	1.26	25.21	1.31	26.22	1.32	28.00	1.35	29.39	1.38
		55	22.41	1.23	23.80	1.28	25.19	1.33	26.20	1.34	27.98	1.37	29.37	1.39
		60	22.39	1.25	23.78	1.30	25.17	1.34	26.18	1.36	27.95	1.38	29.35	1.41
		65	22.37	1.27	23.76	1.31	25.15	1.36	26.16	1.38	27.93	1.40	29.32	1.43
		70	22.36	1.28	23.75	1.33	25.13	1.38	26.14	1.39	27.91	1.42	29.30	1.45
		75	21.82	1.35	23.20	1.40	24.59	1.45	25.59	1.47	27.36	1.50	28.75	1.53
		80	21.28	1.42	22.66	1.47	24.04	1.53	25.04	1.54	26.81	1.57	28.19	1.60
		85	20.75	1.49	22.13	1.54	23.50	1.60	24.50	1.62	26.26	1.65	27.64	1.68
		90	20.22	1.56	21.59	1.62	22.96	1.68	23.96	1.69	25.71	1.73	27.09	1.76
		95	19.64	1.63	21.00	1.69	22.37	1.75	23.00	1.77	25.11	1.80	26.48	1.84
		100	19.16	1.70	20.53	1.76	21.89	1.82	22.70	1.85	24.63	1.88	26.00	1.92
		105	18.68	1.77	20.05	1.83	21.42	1.90	22.40	1.92	24.15	1.96	25.52	2.00
		110	18.20	1.84	19.57	1.90	20.94	1.97	21.93	2.00	23.67	2.03	25.04	2.07
		115	17.72	1.91	19.09	1.98	20.46	2.05	21.45	2.07	23.20	2.11	24.56	2.15
		118	17.44	1.95	18.80	2.02	20.17	2.09	21.16	2.12	22.91	2.16	24.28	2.20
		122	17.34	2.00	18.71	2.08	20.08	2.15	21.07	2.18	22.81	2.22	24.18	2.26
	9* + 12* + 12*	-4	22.61	1.05	24.02	1.09	25.42	1.13	26.44	1.14	28.23	1.16	29.63	1.18
		0	22.60	1.06	24.00	1.10	25.41	1.14	26.42	1.15	28.21	1.17	29.62	1.20
		5	22.58	1.08	23.98	1.12	25.39	1.16	26.40	1.17	28.19	1.19	29.59	1.21
		10	22.56	1.09	23.97	1.13	25.37	1.17	26.38	1.19	28.17	1.21	29.57	1.23
		14	22.55	1.11	23.95	1.15	25.35	1.19	26.36	1.20	28.15	1.23	29.55	1.25
		20	22.53	1.12	23.93	1.16	25.33	1.21	26.34	1.22	28.13	1.24	29.53	1.27
		25	22.51	1.14	23.91	1.18	25.31	1.22	26.32	1.24	28.10	1.26	29.50	1.29
		30	22.50	1.16	23.89	1.20	25.29	1.24	26.30	1.26	28.08	1.28	29.48	1.30
		35	22.48	1.17	23.87	1.21	25.27	1.26	26.28	1.27	28.06	1.30	29.46	1.32
		40	22.46	1.19	23.86	1.23	25.25	1.28	26.26	1.29	28.04	1.31	29.44	1.34
		45	22.44	1.20	23.84	1.25	25.23	1.29	26.24	1.31	28.02	1.33	29.41	1.36
		50	22.43	1.22	23.82	1.26	25.21	1.31	26.22	1.32	28.00	1.35	29.39	1.38
		55	22.41	1.23	23.80	1.28	25.19	1.33	26.20	1.34	27.98	1.37	29.37	1.39
		60	22.39	1.25	23.78	1.30	25.17	1.34	26.18	1.36	27.95	1.38	29.35	1.41
		65	22.37	1.27	23.76	1.31	25.15	1.36	26.16	1.38	27.93	1.40	29.32	1.43
		70	22.36	1.28	23.75	1.33	25.13	1.38	26.14	1.39	27.91	1.42	29.30	1.45
		75	21.82	1.35	23.20	1.40	24.59	1.45	25.59	1.47	27.36	1.50	28.75	1.53
		80	21.28	1.42	22.66	1.47	24.04	1.53	25.04	1.54	26.81	1.57	28.19	1.60
		85	20.75	1.49	22.13	1.54	23.50	1.60	24.50	1.62	26.26	1.65	27.64	1.68
		90	20.22	1.56	21.59	1.62	22.96	1.68	23.96	1.69	25.71	1.73	27.09	1.76
		95	19.64	1.63	21.00	1.69	22.37	1.75	23.00	1.77	25.11	1.80	26.48	1.84
		100	19.16	1.70	20.53	1.76	21.89	1.82	22.70	1.85	24.63	1.88	26.00	1.92
		105	18.68	1.77	20.05	1.83	21.42	1.90	22.40	1.92	24.15	1.96	25.52	2.00
		110	18.20	1.84	19.57	1.90	20.94	1.97	21.93	2.00	23.67	2.03	25.04	2.07
		115	17.72	1.91	19.09	1.98	20.46	2.05	21.45	2.07	23.20	2.11	24.56	2.15
		118	17.44	1.95	18.80	2.02	20.17	2.09	21.16	2.12	22.91	2.16	24.28	2.20
		122	17.34	2.00	18.71	2.08	20.08	2.15	21.07	2.18	22.81	2.22	24.18	2.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 39: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7 + 7	-4	13.76	0.80	14.62	0.83	15.47	0.86	16.09	0.87	17.18	0.88	18.04	0.90
		0	13.76	0.81	14.61	0.84	15.47	0.87	16.08	0.88	17.17	0.89	18.03	0.91
		5	13.75	0.82	14.60	0.85	15.45	0.88	16.07	0.89	17.16	0.91	18.01	0.93
		10	13.73	0.83	14.59	0.86	15.44	0.89	16.06	0.90	17.15	0.92	18.00	0.94
		14	13.72	0.84	14.58	0.88	15.43	0.91	16.04	0.92	17.13	0.94	17.99	0.95
		20	13.71	0.86	14.57	0.89	15.42	0.92	16.03	0.93	17.12	0.95	17.97	0.97
		25	13.70	0.87	14.55	0.90	15.41	0.93	16.02	0.94	17.11	0.96	17.96	0.98
		30	13.69	0.88	14.54	0.91	15.39	0.95	16.01	0.96	17.09	0.98	17.94	1.00
		35	13.68	0.89	14.53	0.93	15.38	0.96	16.00	0.97	17.08	0.99	17.93	1.01
		40	13.67	0.91	14.52	0.94	15.37	0.97	15.98	0.98	17.07	1.00	17.92	1.02
		45	13.66	0.92	14.51	0.95	15.36	0.99	15.97	1.00	17.06	1.02	17.90	1.04
		50	13.65	0.93	14.50	0.96	15.35	1.00	15.96	1.01	17.04	1.03	17.89	1.05
		55	13.64	0.94	14.49	0.98	15.33	1.01	15.95	1.02	17.03	1.04	17.88	1.06
		60	13.63	0.95	14.48	0.99	15.32	1.03	15.93	1.04	17.02	1.06	17.86	1.08
		65	13.62	0.97	14.47	1.00	15.31	1.04	15.92	1.05	17.00	1.07	17.85	1.09
		70	13.61	0.98	14.45	1.01	15.30	1.05	15.91	1.06	16.99	1.08	17.83	1.10
		75	13.28	1.03	14.12	1.07	14.97	1.11	15.58	1.12	16.65	1.14	17.50	1.16
		80	12.95	1.08	13.80	1.12	14.64	1.16	15.24	1.18	16.32	1.20	17.16	1.22
		85	12.63	1.14	13.47	1.18	14.31	1.22	14.91	1.24	15.99	1.26	16.82	1.28
		90	12.30	1.19	13.14	1.23	13.98	1.28	14.58	1.29	15.65	1.32	16.49	1.34
		95	11.95	1.24	12.79	1.29	13.62	1.33	14.00	1.35	15.28	1.38	16.12	1.40
		100	11.66	1.30	12.49	1.34	13.33	1.39	13.82	1.41	14.99	1.43	15.82	1.46
		105	11.37	1.35	12.20	1.40	13.04	1.45	13.64	1.46	14.70	1.49	15.53	1.52
		110	11.08	1.40	11.91	1.45	12.74	1.50	13.35	1.52	14.41	1.55	15.24	1.58
		115	10.79	1.45	11.62	1.51	12.45	1.56	13.06	1.58	14.12	1.61	14.95	1.64
		118	10.61	1.49	11.45	1.54	12.28	1.60	12.88	1.61	13.94	1.64	14.78	1.68
		122	10.56	1.53	11.39	1.58	12.22	1.64	12.82	1.66	13.89	1.69	14.72	1.72
	7 + 9	-4	15.73	0.88	16.71	0.91	17.68	0.94	18.39	0.95	19.64	0.97	20.61	0.99
		0	15.72	0.89	16.70	0.92	17.67	0.95	18.38	0.96	19.63	0.98	20.60	1.00
		5	15.71	0.90	16.68	0.93	17.66	0.97	18.36	0.98	19.61	1.00	20.59	1.02
		10	15.70	0.91	16.67	0.95	17.65	0.98	18.35	0.99	19.60	1.01	20.57	1.03
		14	15.68	0.93	16.66	0.96	17.63	1.00	18.34	1.01	19.58	1.03	20.56	1.05
		20	15.67	0.94	16.65	0.98	17.62	1.01	18.32	1.02	19.57	1.04	20.54	1.06
		25	15.66	0.95	16.63	0.99	17.61	1.03	18.31	1.04	19.55	1.06	20.52	1.08
		30	15.65	0.97	16.62	1.00	17.59	1.04	18.29	1.05	19.54	1.07	20.51	1.09
		35	15.64	0.98	16.61	1.02	17.58	1.05	18.28	1.07	19.52	1.09	20.49	1.11
		40	15.62	0.99	16.60	1.03	17.57	1.07	18.27	1.08	19.51	1.10	20.48	1.12
		45	15.61	1.01	16.58	1.04	17.55	1.08	18.25	1.10	19.49	1.12	20.46	1.14
		50	15.60	1.02	16.57	1.06	17.54	1.10	18.24	1.11	19.48	1.13	20.45	1.15
		55	15.59	1.03	16.56	1.07	17.53	1.11	18.22	1.12	19.46	1.15	20.43	1.17
		60	15.58	1.05	16.54	1.09	17.51	1.13	18.21	1.14	19.45	1.16	20.41	1.18
		65	15.57	1.06	16.53	1.10	17.50	1.14	18.20	1.15	19.43	1.18	20.40	1.20
		70	15.55	1.07	16.52	1.11	17.49	1.15	18.18	1.17	19.42	1.19	20.38	1.21
		75	15.18	1.13	16.14	1.17	17.11	1.22	17.80	1.23	19.03	1.25	20.00	1.28
		80	14.80	1.19	15.77	1.23	16.73	1.28	17.42	1.29	18.65	1.32	19.61	1.34
		85	14.43	1.25	15.39	1.29	16.35	1.34	17.04	1.36	18.27	1.38	19.23	1.41
		90	14.06	1.31	15.02	1.35	15.98	1.40	16.67	1.42	17.89	1.45	18.84	1.48
		95	13.66	1.36	14.61	1.41	15.56	1.47	16.00	1.48	17.47	1.51	18.42	1.54
		100	13.33	1.42	14.28	1.47	15.23	1.53	15.79	1.55	17.13	1.57	18.09	1.61
		105	12.99	1.48	13.95	1.53	14.90	1.59	15.59	1.61	16.80	1.64	17.75	1.67
		110	12.66	1.54	13.61	1.59	14.57	1.65	15.25	1.67	16.47	1.70	17.42	1.74
		115	12.33	1.60	13.28	1.65	14.23	1.72	14.92	1.74	16.14	1.77	17.09	1.80
		118	12.13	1.63	13.08	1.69	14.03	1.75	14.72	1.77	15.94	1.81	16.89	1.84
		122	12.06	1.68	13.02	1.74	13.97	1.80	14.65	1.82	15.87	1.86	16.82	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 40: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	-4	17.70	0.96	18.80	0.99	19.89	1.03	20.69	1.04	22.09	1.06	23.19	1.08
		0	17.69	0.97	18.79	1.00	19.88	1.04	20.68	1.05	22.08	1.07	23.18	1.09
		5	17.67	0.98	18.77	1.02	19.87	1.05	20.66	1.07	22.06	1.09	23.16	1.11
		10	17.66	1.00	18.76	1.03	19.85	1.07	20.64	1.08	22.05	1.10	23.14	1.12
		14	17.65	1.01	18.74	1.05	19.84	1.09	20.63	1.10	22.03	1.12	23.12	1.14
		20	17.63	1.03	18.73	1.06	19.82	1.10	20.61	1.11	22.01	1.13	23.11	1.16
		25	17.62	1.04	18.71	1.08	19.81	1.12	20.60	1.13	22.00	1.15	23.09	1.17
		30	17.60	1.05	18.70	1.09	19.79	1.13	20.58	1.15	21.98	1.17	23.07	1.19
		35	17.59	1.07	18.68	1.11	19.78	1.15	20.57	1.16	21.96	1.18	23.05	1.21
		40	17.58	1.08	18.67	1.12	19.76	1.16	20.55	1.18	21.94	1.20	23.04	1.22
		45	17.56	1.10	18.66	1.14	19.75	1.18	20.53	1.19	21.93	1.22	23.02	1.24
		50	17.55	1.11	18.64	1.15	19.73	1.20	20.52	1.21	21.91	1.23	23.00	1.26
		55	17.54	1.13	18.63	1.17	19.72	1.21	20.50	1.22	21.89	1.25	22.98	1.27
		60	17.52	1.14	18.61	1.18	19.70	1.23	20.49	1.24	21.88	1.26	22.97	1.29
		65	17.51	1.16	18.60	1.20	19.69	1.24	20.47	1.26	21.86	1.28	22.95	1.31
		70	17.50	1.17	18.58	1.21	19.67	1.26	20.46	1.27	21.84	1.30	22.93	1.32
		75	17.08	1.23	18.16	1.28	19.24	1.33	20.03	1.34	21.41	1.37	22.50	1.39
		80	16.66	1.30	17.74	1.34	18.82	1.39	19.60	1.41	20.98	1.44	22.06	1.46
		85	16.24	1.36	17.32	1.41	18.40	1.46	19.17	1.48	20.55	1.51	21.63	1.54
		90	15.82	1.42	16.90	1.47	17.97	1.53	18.75	1.55	20.12	1.58	21.20	1.61
		95	15.37	1.49	16.44	1.54	17.51	1.60	18.00	1.62	19.65	1.65	20.72	1.68
		100	14.99	1.55	16.06	1.61	17.13	1.66	17.77	1.68	19.28	1.72	20.35	1.75
		105	14.62	1.61	15.69	1.67	16.76	1.73	17.53	1.75	18.90	1.79	19.97	1.82
		110	14.24	1.68	15.32	1.74	16.39	1.80	17.16	1.82	18.53	1.85	19.60	1.89
		115	13.87	1.74	14.94	1.80	16.01	1.87	16.79	1.89	18.15	1.92	19.22	1.96
		118	13.65	1.78	14.72	1.84	15.79	1.91	16.56	1.93	17.93	1.97	19.00	2.01
		122	13.57	1.83	14.64	1.89	15.71	1.96	16.49	1.99	17.85	2.02	18.92	2.06
	7 + 12	-4	18.68	0.99	19.84	1.03	21.00	1.07	21.84	1.08	23.32	1.10	24.48	1.12
		0	18.67	1.01	19.83	1.04	20.99	1.08	21.83	1.09	23.31	1.11	24.47	1.14
		5	18.65	1.02	19.81	1.06	20.97	1.10	21.81	1.11	23.29	1.13	24.45	1.15
		10	18.64	1.04	19.80	1.07	20.96	1.11	21.79	1.13	23.27	1.15	24.43	1.17
		14	18.63	1.05	19.78	1.09	20.94	1.13	21.77	1.14	23.25	1.16	24.41	1.19
		20	18.61	1.07	19.77	1.11	20.92	1.15	21.76	1.16	23.23	1.18	24.39	1.21
		25	18.60	1.08	19.75	1.12	20.91	1.16	21.74	1.18	23.22	1.20	24.37	1.22
		30	18.58	1.10	19.74	1.14	20.89	1.18	21.72	1.19	23.20	1.21	24.35	1.24
		35	18.57	1.11	19.72	1.15	20.88	1.20	21.71	1.21	23.18	1.23	24.33	1.26
		40	18.55	1.13	19.71	1.17	20.86	1.21	21.69	1.23	23.16	1.25	24.32	1.27
		45	18.54	1.14	19.69	1.18	20.84	1.23	21.67	1.24	23.15	1.27	24.30	1.29
		50	18.53	1.16	19.68	1.20	20.83	1.24	21.66	1.26	23.13	1.28	24.28	1.31
		55	18.51	1.17	19.66	1.22	20.81	1.26	21.64	1.27	23.11	1.30	24.26	1.32
		60	18.50	1.19	19.65	1.23	20.80	1.28	21.63	1.29	23.09	1.32	24.24	1.34
		65	18.48	1.20	19.63	1.25	20.78	1.29	21.61	1.31	23.08	1.33	24.22	1.36
		70	18.47	1.22	19.62	1.26	20.76	1.31	21.59	1.32	23.06	1.35	24.20	1.38
		75	18.02	1.28	19.17	1.33	20.31	1.38	21.14	1.40	22.60	1.42	23.75	1.45
		80	17.58	1.35	18.72	1.40	19.86	1.45	20.69	1.47	22.15	1.49	23.29	1.52
		85	17.14	1.42	18.28	1.47	19.42	1.52	20.24	1.54	21.69	1.57	22.83	1.60
		90	16.70	1.48	17.84	1.54	18.97	1.59	19.79	1.61	21.24	1.64	22.38	1.67
		95	16.22	1.55	17.35	1.60	18.48	1.66	19.00	1.68	20.74	1.71	21.87	1.75
		100	15.83	1.61	16.96	1.67	18.09	1.73	18.75	1.75	20.35	1.79	21.48	1.82
		105	15.43	1.68	16.56	1.74	17.69	1.80	18.51	1.82	19.95	1.86	21.08	1.90
		110	15.04	1.74	16.17	1.81	17.30	1.87	18.11	1.90	19.56	1.93	20.69	1.97
		115	14.64	1.81	15.77	1.88	16.90	1.94	17.72	1.97	19.16	2.00	20.29	2.04
		118	14.40	1.85	15.53	1.92	16.66	1.99	17.48	2.01	18.92	2.05	20.05	2.09
		122	14.33	1.90	15.46	1.97	16.59	2.04	17.40	2.07	18.85	2.11	19.98	2.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 41: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 12	-4	20.65	1.07	21.93	1.11	23.21	1.15	24.14	1.17	25.77	1.19	27.06	1.21
		0	20.63	1.08	21.92	1.12	23.20	1.16	24.12	1.18	25.76	1.20	27.04	1.22
		5	20.62	1.10	21.90	1.14	23.18	1.18	24.10	1.20	25.74	1.22	27.02	1.24
		10	20.60	1.12	21.88	1.16	23.16	1.20	24.08	1.22	25.72	1.24	27.00	1.26
		14	20.59	1.13	21.86	1.18	23.14	1.22	24.07	1.23	25.70	1.26	26.98	1.28
		20	20.57	1.15	21.85	1.19	23.13	1.24	24.05	1.25	25.68	1.27	26.96	1.30
		25	20.55	1.17	21.83	1.21	23.11	1.25	24.03	1.27	25.66	1.29	26.94	1.32
		30	20.54	1.18	21.81	1.23	23.09	1.27	24.01	1.29	25.64	1.31	26.92	1.34
		35	20.52	1.20	21.80	1.24	23.07	1.29	23.99	1.30	25.62	1.33	26.90	1.35
		40	20.51	1.22	21.78	1.26	23.05	1.31	23.97	1.32	25.60	1.35	26.88	1.37
		45	20.49	1.23	21.76	1.28	23.04	1.32	23.96	1.34	25.58	1.36	26.86	1.39
		50	20.48	1.25	21.75	1.29	23.02	1.34	23.94	1.36	25.56	1.38	26.83	1.41
		55	20.46	1.26	21.73	1.31	23.00	1.36	23.92	1.37	25.54	1.40	26.81	1.43
		60	20.44	1.28	21.71	1.33	22.98	1.38	23.90	1.39	25.52	1.42	26.79	1.45
		65	20.43	1.30	21.70	1.34	22.97	1.39	23.88	1.41	25.50	1.44	26.77	1.47
		70	20.41	1.31	21.68	1.36	22.95	1.41	23.86	1.43	25.48	1.45	26.75	1.48
		75	19.92	1.38	21.19	1.44	22.45	1.49	23.36	1.50	24.98	1.53	26.25	1.56
		80	19.43	1.46	20.69	1.51	21.95	1.56	22.87	1.58	24.48	1.61	25.74	1.64
		85	18.94	1.53	20.20	1.58	21.46	1.64	22.37	1.66	23.98	1.69	25.24	1.72
		90	18.46	1.60	19.71	1.66	20.97	1.72	21.87	1.74	23.48	1.77	24.73	1.80
		95	17.93	1.67	19.18	1.73	20.43	1.79	21.00	1.81	22.93	1.85	24.17	1.88
		100	17.49	1.74	18.74	1.80	19.99	1.87	20.73	1.89	22.49	1.93	23.74	1.96
		105	17.06	1.81	18.30	1.88	19.55	1.94	20.46	1.97	22.05	2.00	23.30	2.04
		110	16.62	1.88	17.87	1.95	19.12	2.02	20.02	2.04	21.62	2.08	22.86	2.12
		115	16.18	1.95	17.43	2.02	18.68	2.10	19.58	2.12	21.18	2.16	22.43	2.20
		118	15.92	1.99	17.17	2.07	18.42	2.14	19.32	2.17	20.92	2.21	22.17	2.25
		122	15.83	2.05	17.08	2.13	18.33	2.20	19.23	2.23	20.83	2.27	22.08	2.32
	7 + 15	-4	21.63	1.11	22.97	1.15	24.32	1.19	25.29	1.21	27.00	1.23	28.35	1.26
		0	21.62	1.12	22.96	1.16	24.30	1.21	25.27	1.22	26.99	1.24	28.33	1.27
		5	21.60	1.14	22.94	1.18	24.28	1.23	25.25	1.24	26.97	1.26	28.31	1.29
		10	21.58	1.16	22.92	1.20	24.26	1.25	25.23	1.26	26.94	1.28	28.29	1.31
		14	21.57	1.18	22.91	1.22	24.25	1.26	25.21	1.28	26.92	1.30	28.26	1.33
		20	21.55	1.19	22.89	1.24	24.23	1.28	25.19	1.30	26.90	1.32	28.24	1.35
		25	21.53	1.21	22.87	1.25	24.21	1.30	25.17	1.31	26.88	1.34	28.22	1.37
		30	21.52	1.23	22.85	1.27	24.19	1.32	25.15	1.33	26.86	1.36	28.20	1.39
		35	21.50	1.24	22.84	1.29	24.17	1.34	25.14	1.35	26.84	1.38	28.18	1.40
		40	21.48	1.26	22.82	1.31	24.15	1.35	25.12	1.37	26.82	1.40	28.16	1.42
		45	21.47	1.28	22.80	1.32	24.13	1.37	25.10	1.39	26.80	1.41	28.13	1.44
		50	21.45	1.29	22.78	1.34	24.12	1.39	25.08	1.41	26.78	1.43	28.11	1.46
		55	21.43	1.31	22.77	1.36	24.10	1.41	25.06	1.42	26.76	1.45	28.09	1.48
		60	21.42	1.33	22.75	1.38	24.08	1.43	25.04	1.44	26.74	1.47	28.07	1.50
		65	21.40	1.34	22.73	1.39	24.06	1.44	25.02	1.46	26.72	1.49	28.05	1.52
		70	21.39	1.36	22.71	1.41	24.04	1.46	25.00	1.48	26.70	1.51	28.03	1.54
		75	20.87	1.44	22.20	1.49	23.52	1.54	24.48	1.56	26.17	1.59	27.50	1.62
		80	20.36	1.51	21.68	1.56	23.00	1.62	23.95	1.64	25.64	1.67	26.96	1.70
		85	19.85	1.58	21.16	1.64	22.48	1.70	23.44	1.72	25.12	1.75	26.44	1.79
		90	19.34	1.66	20.65	1.72	21.97	1.78	22.92	1.80	24.60	1.83	25.91	1.87
		95	18.78	1.73	20.09	1.79	21.40	1.86	22.00	1.88	24.02	1.91	25.33	1.95
		100	18.33	1.80	19.63	1.87	20.94	1.94	21.71	1.96	23.56	2.00	24.87	2.04
		105	17.87	1.88	19.18	1.94	20.48	2.02	21.43	2.04	23.10	2.08	24.41	2.12
		110	17.41	1.95	18.72	2.02	20.03	2.09	20.97	2.12	22.64	2.16	23.95	2.20
		115	16.95	2.02	18.26	2.10	19.57	2.17	20.52	2.20	22.19	2.24	23.50	2.28
		118	16.68	2.07	17.99	2.14	19.30	2.22	20.24	2.25	21.91	2.29	23.22	2.33
		122	16.59	2.13	17.90	2.20	19.20	2.28	20.15	2.31	21.82	2.35	23.13	2.40

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 42: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 15	-4	23.60	1.21	25.06	1.26	26.53	1.30	27.58	1.32	29.46	1.34	30.92	1.37
		0	23.58	1.22	25.05	1.27	26.51	1.32	27.57	1.33	29.44	1.36	30.91	1.38
		5	23.56	1.24	25.03	1.29	26.49	1.34	27.55	1.35	29.42	1.38	30.88	1.41
		10	23.55	1.26	25.01	1.31	26.47	1.36	27.53	1.37	29.39	1.40	30.86	1.43
		14	23.53	1.28	24.99	1.33	26.45	1.38	27.50	1.39	29.37	1.42	30.83	1.45
		20	23.51	1.30	24.97	1.35	26.43	1.40	27.48	1.41	29.35	1.44	30.81	1.47
		25	23.49	1.32	24.95	1.37	26.41	1.42	27.46	1.43	29.33	1.46	30.79	1.49
		30	23.47	1.34	24.93	1.39	26.39	1.44	27.44	1.45	29.30	1.48	30.76	1.51
		35	23.46	1.36	24.91	1.40	26.37	1.46	27.42	1.47	29.28	1.50	30.74	1.53
		40	23.44	1.37	24.89	1.42	26.35	1.48	27.40	1.49	29.26	1.52	30.72	1.55
		45	23.42	1.39	24.87	1.44	26.33	1.50	27.38	1.51	29.24	1.54	30.69	1.57
		50	23.40	1.41	24.85	1.46	26.31	1.52	27.36	1.53	29.21	1.56	30.67	1.59
		55	23.38	1.43	24.84	1.48	26.29	1.54	27.34	1.55	29.19	1.58	30.64	1.61
		60	23.37	1.45	24.82	1.50	26.27	1.55	27.32	1.57	29.17	1.60	30.62	1.63
		65	23.35	1.47	24.80	1.52	26.25	1.57	27.29	1.59	29.15	1.62	30.60	1.66
		70	23.33	1.48	24.78	1.54	26.23	1.59	27.27	1.61	29.13	1.64	30.57	1.68
		75	22.77	1.56	24.21	1.62	25.66	1.68	26.70	1.70	28.55	1.73	29.99	1.77
		80	22.21	1.64	23.65	1.70	25.09	1.77	26.13	1.79	27.97	1.82	29.42	1.86
		85	21.65	1.72	23.09	1.79	24.53	1.85	25.57	1.87	27.40	1.91	28.84	1.95
		90	21.09	1.80	22.53	1.87	23.96	1.94	25.00	1.96	26.83	2.00	28.27	2.04
		95	20.49	1.88	21.92	1.95	23.35	2.02	24.00	2.05	26.20	2.09	27.63	2.13
		100	19.99	1.96	21.42	2.04	22.85	2.11	23.69	2.14	25.70	2.17	27.13	2.22
		105	19.49	2.04	20.92	2.12	22.35	2.20	23.38	2.22	25.20	2.26	26.63	2.31
		110	18.99	2.12	20.42	2.20	21.85	2.28	22.88	2.31	24.70	2.35	26.13	2.40
		115	18.49	2.20	19.92	2.29	21.35	2.37	22.38	2.40	24.20	2.44	25.63	2.49
		118	18.19	2.25	19.62	2.34	21.05	2.42	22.08	2.45	23.90	2.49	25.33	2.54
		122	18.10	2.32	19.52	2.40	20.95	2.49	21.98	2.52	23.81	2.57	25.23	2.62
	12 + 12	-4	23.60	1.21	25.06	1.26	26.53	1.30	27.58	1.32	29.46	1.34	30.92	1.37
		0	23.58	1.22	25.05	1.27	26.51	1.32	27.57	1.33	29.44	1.36	30.91	1.38
		5	23.56	1.24	25.03	1.29	26.49	1.34	27.55	1.35	29.42	1.38	30.88	1.41
		10	23.55	1.26	25.01	1.31	26.47	1.36	27.53	1.37	29.39	1.40	30.86	1.43
		14	23.53	1.28	24.99	1.33	26.45	1.38	27.50	1.39	29.37	1.42	30.83	1.45
		20	23.51	1.30	24.97	1.35	26.43	1.40	27.48	1.41	29.35	1.44	30.81	1.47
		25	23.49	1.32	24.95	1.37	26.41	1.42	27.46	1.43	29.33	1.46	30.79	1.49
		30	23.47	1.34	24.93	1.39	26.39	1.44	27.44	1.45	29.30	1.48	30.76	1.51
		35	23.46	1.36	24.91	1.40	26.37	1.46	27.42	1.47	29.28	1.50	30.74	1.53
		40	23.44	1.37	24.89	1.42	26.35	1.48	27.40	1.49	29.26	1.52	30.72	1.55
		45	23.42	1.39	24.87	1.44	26.33	1.50	27.38	1.51	29.24	1.54	30.69	1.57
		50	23.40	1.41	24.85	1.46	26.31	1.52	27.36	1.53	29.21	1.56	30.67	1.59
		55	23.38	1.43	24.84	1.48	26.29	1.54	27.34	1.55	29.19	1.58	30.64	1.61
		60	23.37	1.45	24.82	1.50	26.27	1.55	27.32	1.57	29.17	1.60	30.62	1.63
		65	23.35	1.47	24.80	1.52	26.25	1.57	27.29	1.59	29.15	1.62	30.60	1.66
		70	23.33	1.48	24.78	1.54	26.23	1.59	27.27	1.61	29.13	1.64	30.57	1.68
		75	22.77	1.56	24.21	1.62	25.66	1.68	26.70	1.70	28.55	1.73	29.99	1.77
		80	22.21	1.64	23.65	1.70	25.09	1.77	26.13	1.79	27.97	1.82	29.42	1.86
		85	21.65	1.72	23.09	1.79	24.53	1.85	25.57	1.87	27.40	1.91	28.84	1.95
		90	21.09	1.80	22.53	1.87	23.96	1.94	25.00	1.96	26.83	2.00	28.27	2.04
		95	20.49	1.88	21.92	1.95	23.35	2.02	24.00	2.05	26.20	2.09	27.63	2.13
		100	19.99	1.96	21.42	2.04	22.85	2.11	23.69	2.14	25.70	2.17	27.13	2.22
		105	19.49	2.04	20.92	2.12	22.35	2.20	23.38	2.22	25.20	2.26	26.63	2.31
		110	18.99	2.12	20.42	2.20	21.85	2.28	22.88	2.31	24.70	2.35	26.13	2.40
		115	18.49	2.20	19.92	2.29	21.35	2.37	22.38	2.40	24.20	2.44	25.63	2.49
		118	18.19	2.25	19.62	2.34	21.05	2.42	22.08	2.45	23.90	2.49	25.33	2.54
		122	18.10	2.32	19.52	2.40	20.95	2.49	21.98	2.52	23.81	2.57	25.23	2.62

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 43: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7 + 18	-4	24.15	1.24	25.65	1.28	27.15	1.33	28.24	1.35	30.15	1.37	31.65	1.40
		0	24.14	1.25	25.64	1.30	27.14	1.34	28.22	1.36	30.14	1.39	31.64	1.41
		5	24.12	1.27	25.62	1.32	27.12	1.37	28.20	1.38	30.11	1.41	31.61	1.44
		10	24.10	1.29	25.60	1.34	27.09	1.39	28.18	1.40	30.09	1.43	31.59	1.46
		14	24.08	1.31	25.58	1.36	27.07	1.41	28.15	1.42	30.07	1.45	31.56	1.48
		20	24.06	1.33	25.56	1.38	27.05	1.43	28.13	1.44	30.04	1.47	31.54	1.50
		25	24.05	1.35	25.54	1.40	27.03	1.45	28.11	1.46	30.02	1.49	31.51	1.52
		30	24.03	1.37	25.52	1.42	27.01	1.47	28.09	1.48	30.00	1.51	31.49	1.54
		35	24.01	1.38	25.50	1.43	26.99	1.49	28.07	1.50	29.97	1.53	31.46	1.56
		40	23.99	1.40	25.48	1.45	26.97	1.51	28.05	1.52	29.95	1.55	31.44	1.58
		45	23.97	1.42	25.46	1.47	26.95	1.53	28.03	1.55	29.93	1.57	31.42	1.61
		50	23.95	1.44	25.44	1.49	26.93	1.55	28.00	1.57	29.91	1.60	31.39	1.63
		55	23.94	1.46	25.42	1.51	26.91	1.57	27.98	1.59	29.88	1.62	31.37	1.65
		60	23.92	1.48	25.40	1.53	26.89	1.59	27.96	1.61	29.86	1.64	31.34	1.67
		65	23.90	1.50	25.38	1.55	26.87	1.61	27.94	1.63	29.84	1.66	31.32	1.69
		70	23.88	1.52	25.36	1.57	26.85	1.63	27.92	1.65	29.81	1.68	31.30	1.71
		75	23.31	1.60	24.79	1.66	26.27	1.72	27.33	1.74	29.22	1.77	30.70	1.80
		80	22.73	1.68	24.21	1.74	25.68	1.80	26.75	1.83	28.63	1.86	30.11	1.90
		85	22.16	1.76	23.63	1.83	25.11	1.89	26.17	1.91	28.05	1.95	29.52	1.99
		90	21.59	1.84	23.06	1.91	24.53	1.98	25.59	2.00	27.47	2.04	28.93	2.08
		95	20.97	1.93	22.44	2.00	23.90	2.07	24.57	2.09	26.82	2.13	28.28	2.17
		100	20.46	2.01	21.92	2.08	23.39	2.16	24.25	2.18	26.31	2.22	27.77	2.27
		105	19.95	2.09	21.41	2.16	22.88	2.24	23.93	2.27	25.80	2.31	27.26	2.36
		110	19.44	2.17	20.90	2.25	22.36	2.33	23.42	2.36	25.29	2.40	26.75	2.45
		115	18.93	2.25	20.39	2.33	21.85	2.42	22.91	2.45	24.78	2.49	26.24	2.54
		118	18.62	2.30	20.09	2.39	21.55	2.47	22.60	2.50	24.47	2.55	25.93	2.60
		122	18.52	2.37	19.98	2.45	21.45	2.54	22.50	2.57	24.37	2.62	25.83	2.67
	9 + 18	-4	25.27	1.29	26.84	1.34	28.41	1.39	29.54	1.40	31.54	1.43	33.11	1.46
		0	25.25	1.31	26.82	1.35	28.39	1.40	29.52	1.42	31.53	1.45	33.09	1.48
		5	25.23	1.33	26.80	1.38	28.37	1.43	29.50	1.44	31.50	1.47	33.07	1.50
		10	25.21	1.35	26.78	1.40	28.34	1.45	29.48	1.46	31.48	1.49	33.04	1.52
		14	25.19	1.37	26.76	1.42	28.32	1.47	29.45	1.49	31.45	1.51	33.02	1.54
		20	25.17	1.39	26.74	1.44	28.30	1.49	29.43	1.51	31.43	1.54	32.99	1.57
		25	25.16	1.41	26.72	1.46	28.28	1.51	29.41	1.53	31.40	1.56	32.97	1.59
		30	25.14	1.43	26.70	1.48	28.26	1.53	29.39	1.55	31.38	1.58	32.94	1.61
		35	25.12	1.45	26.68	1.50	28.24	1.55	29.36	1.57	31.36	1.60	32.92	1.63
		40	25.10	1.47	26.66	1.52	28.21	1.57	29.34	1.59	31.33	1.62	32.89	1.66
		45	25.08	1.49	26.64	1.54	28.19	1.60	29.32	1.61	31.31	1.64	32.87	1.68
		50	25.06	1.50	26.62	1.56	28.17	1.62	29.30	1.64	31.28	1.67	32.84	1.70
		55	25.04	1.52	26.60	1.58	28.15	1.64	29.27	1.66	31.26	1.69	32.82	1.72
		60	25.02	1.54	26.57	1.60	28.13	1.66	29.25	1.68	31.24	1.71	32.79	1.74
		65	25.00	1.56	26.55	1.62	28.11	1.68	29.23	1.70	31.21	1.73	32.77	1.77
		70	24.98	1.58	26.53	1.64	28.09	1.70	29.21	1.72	31.19	1.75	32.74	1.79
		75	24.38	1.67	25.93	1.73	27.48	1.79	28.59	1.81	30.57	1.85	32.12	1.88
		80	23.78	1.75	25.32	1.82	26.87	1.88	27.98	1.91	29.96	1.94	31.50	1.98
		85	23.18	1.84	24.72	1.91	26.26	1.98	27.38	2.00	29.34	2.04	30.88	2.08
		90	22.59	1.93	24.12	2.00	25.66	2.07	26.77	2.09	28.73	2.13	30.27	2.17
		95	21.94	2.01	23.47	2.08	25.00	2.16	25.70	2.19	28.06	2.23	29.58	2.27
		100	21.41	2.10	22.94	2.17	24.46	2.25	25.37	2.28	27.52	2.32	29.05	2.37
		105	20.87	2.18	22.40	2.26	23.93	2.34	25.03	2.37	26.99	2.42	28.52	2.46
		110	20.34	2.27	21.87	2.35	23.40	2.44	24.50	2.46	26.45	2.51	27.98	2.56
		115	19.80	2.35	21.33	2.44	22.86	2.53	23.97	2.56	25.92	2.60	27.45	2.66
		118	19.48	2.40	21.01	2.49	22.54	2.58	23.64	2.61	25.60	2.66	27.13	2.71
		122	19.38	2.47	20.91	2.56	22.43	2.66	23.54	2.69	25.49	2.74	27.02	2.79

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 44: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 15	-4	25.27	1.29	26.84	1.34	28.41	1.39	29.54	1.40	31.54	1.43	33.11	1.46
		0	25.25	1.31	26.82	1.35	28.39	1.40	29.52	1.42	31.53	1.45	33.09	1.48
		5	25.23	1.33	26.80	1.38	28.37	1.43	29.50	1.44	31.50	1.47	33.07	1.50
		10	25.21	1.35	26.78	1.40	28.34	1.45	29.48	1.46	31.48	1.49	33.04	1.52
		14	25.19	1.37	26.76	1.42	28.32	1.47	29.45	1.49	31.45	1.51	33.02	1.54
		20	25.17	1.39	26.74	1.44	28.30	1.49	29.43	1.51	31.43	1.54	32.99	1.57
		25	25.16	1.41	26.72	1.46	28.28	1.51	29.41	1.53	31.40	1.56	32.97	1.59
		30	25.14	1.43	26.70	1.48	28.26	1.53	29.39	1.55	31.38	1.58	32.94	1.61
		35	25.12	1.45	26.68	1.50	28.24	1.55	29.36	1.57	31.36	1.60	32.92	1.63
		40	25.10	1.47	26.66	1.52	28.21	1.57	29.34	1.59	31.33	1.62	32.89	1.66
		45	25.08	1.49	26.64	1.54	28.19	1.60	29.32	1.61	31.31	1.64	32.87	1.68
		50	25.06	1.50	26.62	1.56	28.17	1.62	29.30	1.64	31.28	1.67	32.84	1.70
		55	25.04	1.52	26.60	1.58	28.15	1.64	29.27	1.66	31.26	1.69	32.82	1.72
		60	25.02	1.54	26.57	1.60	28.13	1.66	29.25	1.68	31.24	1.71	32.79	1.74
		65	25.00	1.56	26.55	1.62	28.11	1.68	29.23	1.70	31.21	1.73	32.77	1.77
		70	24.98	1.58	26.53	1.64	28.09	1.70	29.21	1.72	31.19	1.75	32.74	1.79
		75	24.38	1.67	25.93	1.73	27.48	1.79	28.59	1.81	30.57	1.85	32.12	1.88
		80	23.78	1.75	25.32	1.82	26.87	1.88	27.98	1.91	29.96	1.94	31.50	1.98
		85	23.18	1.84	24.72	1.91	26.26	1.98	27.38	2.00	29.34	2.04	30.88	2.08
		90	22.59	1.93	24.12	2.00	25.66	2.07	26.77	2.09	28.73	2.13	30.27	2.17
		95	21.94	2.01	23.47	2.08	25.00	2.16	25.70	2.19	28.06	2.23	29.58	2.27
		100	21.41	2.10	22.94	2.17	24.46	2.25	25.37	2.28	27.52	2.32	29.05	2.37
		105	20.87	2.18	22.40	2.26	23.93	2.34	25.03	2.37	26.99	2.42	28.52	2.46
		110	20.34	2.27	21.87	2.35	23.40	2.44	24.50	2.46	26.45	2.51	27.98	2.56
		115	19.80	2.35	21.33	2.44	22.86	2.53	23.97	2.56	25.92	2.60	27.45	2.66
		118	19.48	2.40	21.01	2.49	22.54	2.58	23.64	2.61	25.60	2.66	27.13	2.71
		122	19.38	2.47	20.91	2.56	22.43	2.66	23.54	2.69	25.49	2.74	27.02	2.79
	12 + 18	-4	27.92	1.42	29.66	1.48	31.39	1.53	32.64	1.55	34.86	1.58	36.59	1.61
		0	27.91	1.44	29.64	1.49	31.37	1.55	32.62	1.57	34.84	1.59	36.57	1.63
		5	27.88	1.46	29.61	1.52	31.35	1.57	32.60	1.59	34.81	1.62	36.54	1.65
		10	27.86	1.49	29.59	1.54	31.32	1.60	32.57	1.61	34.78	1.64	36.51	1.68
		14	27.84	1.51	29.57	1.56	31.30	1.62	32.55	1.64	34.76	1.67	36.49	1.70
		20	27.82	1.53	29.55	1.58	31.27	1.64	32.52	1.66	34.73	1.69	36.46	1.73
		25	27.80	1.55	29.52	1.61	31.25	1.67	32.50	1.68	34.70	1.72	36.43	1.75
		30	27.78	1.57	29.50	1.63	31.23	1.69	32.47	1.71	34.68	1.74	36.40	1.78
		35	27.76	1.59	29.48	1.65	31.20	1.71	32.45	1.73	34.65	1.76	36.37	1.80
		40	27.73	1.62	29.46	1.67	31.18	1.74	32.42	1.76	34.62	1.79	36.35	1.82
		45	27.71	1.64	29.43	1.70	31.16	1.76	32.40	1.78	34.60	1.81	36.32	1.85
		50	27.69	1.66	29.41	1.72	31.13	1.78	32.37	1.80	34.57	1.84	36.29	1.87
		55	27.67	1.68	29.39	1.74	31.11	1.81	32.35	1.83	34.54	1.86	36.26	1.90
		60	27.65	1.70	29.37	1.76	31.08	1.83	32.32	1.85	34.52	1.88	36.24	1.92
		65	27.63	1.72	29.34	1.79	31.06	1.85	32.30	1.87	34.49	1.91	36.21	1.95
		70	27.61	1.75	29.32	1.81	31.04	1.87	32.27	1.90	34.46	1.93	36.18	1.97
		75	26.94	1.84	28.65	1.91	30.36	1.98	31.60	2.00	33.78	2.04	35.49	2.08
		80	26.28	1.93	27.98	2.00	29.69	2.08	30.92	2.10	33.10	2.14	34.81	2.18
		85	25.62	2.03	27.32	2.10	29.02	2.18	30.25	2.20	32.43	2.24	34.13	2.29
		90	24.96	2.12	26.66	2.20	28.36	2.28	29.58	2.31	31.75	2.35	33.45	2.40
		95	24.25	2.22	25.94	2.30	27.63	2.38	28.40	2.41	31.00	2.45	32.69	2.50
		100	23.66	2.31	25.35	2.39	27.03	2.48	28.03	2.51	30.41	2.56	32.10	2.61
		105	23.07	2.40	24.75	2.49	26.44	2.58	27.66	2.61	29.82	2.66	31.51	2.72
		110	22.48	2.50	24.16	2.59	25.85	2.68	27.07	2.71	29.23	2.77	30.92	2.82
		115	21.88	2.59	23.57	2.69	25.26	2.79	26.48	2.82	28.64	2.87	30.33	2.93
		118	21.53	2.65	23.22	2.75	24.91	2.85	26.13	2.88	28.29	2.93	29.98	2.99
		122	21.41	2.72	23.10	2.82	24.79	2.93	26.01	2.96	28.17	3.02	29.86	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 45: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15 + 15	-4	27.92	1.42	29.66	1.48	31.39	1.53	32.64	1.55	34.86	1.58	36.59	1.61
		0	27.91	1.44	29.64	1.49	31.37	1.55	32.62	1.57	34.84	1.59	36.57	1.63
		5	27.88	1.46	29.61	1.52	31.35	1.57	32.60	1.59	34.81	1.62	36.54	1.65
		10	27.86	1.49	29.59	1.54	31.32	1.60	32.57	1.61	34.78	1.64	36.51	1.68
		14	27.84	1.51	29.57	1.56	31.30	1.62	32.55	1.64	34.76	1.67	36.49	1.70
		20	27.82	1.53	29.55	1.58	31.27	1.64	32.52	1.66	34.73	1.69	36.46	1.73
		25	27.80	1.55	29.52	1.61	31.25	1.67	32.50	1.68	34.70	1.72	36.43	1.75
		30	27.78	1.57	29.50	1.63	31.23	1.69	32.47	1.71	34.68	1.74	36.40	1.78
		35	27.76	1.59	29.48	1.65	31.20	1.71	32.45	1.73	34.65	1.76	36.37	1.80
		40	27.73	1.62	29.46	1.67	31.18	1.74	32.42	1.76	34.62	1.79	36.35	1.82
		45	27.71	1.64	29.43	1.70	31.16	1.76	32.40	1.78	34.60	1.81	36.32	1.85
		50	27.69	1.66	29.41	1.72	31.13	1.78	32.37	1.80	34.57	1.84	36.29	1.87
		55	27.67	1.68	29.39	1.74	31.11	1.81	32.35	1.83	34.54	1.86	36.26	1.90
		60	27.65	1.70	29.37	1.76	31.08	1.83	32.32	1.85	34.52	1.88	36.24	1.92
		65	27.63	1.72	29.34	1.79	31.06	1.85	32.30	1.87	34.49	1.91	36.21	1.95
		70	27.61	1.75	29.32	1.81	31.04	1.87	32.27	1.90	34.46	1.93	36.18	1.97
		75	26.94	1.84	28.65	1.91	30.36	1.98	31.60	2.00	33.78	2.04	35.49	2.08
		80	26.28	1.93	27.98	2.00	29.69	2.08	30.92	2.10	33.10	2.14	34.81	2.18
		85	25.62	2.03	27.32	2.10	29.02	2.18	30.25	2.20	32.43	2.24	34.13	2.29
		90	24.96	2.12	26.66	2.20	28.36	2.28	29.58	2.31	31.75	2.35	33.45	2.40
		95	24.25	2.22	25.94	2.30	27.63	2.38	28.40	2.41	31.00	2.45	32.69	2.50
		100	23.66	2.31	25.35	2.39	27.03	2.48	28.03	2.51	30.41	2.56	32.10	2.61
		105	23.07	2.40	24.75	2.49	26.44	2.58	27.66	2.61	29.82	2.66	31.51	2.72
		110	22.48	2.50	24.16	2.59	25.85	2.68	27.07	2.71	29.23	2.77	30.92	2.82
		115	21.88	2.59	23.57	2.69	25.26	2.79	26.48	2.82	28.64	2.87	30.33	2.93
		118	21.53	2.65	23.22	2.75	24.91	2.85	26.13	2.88	28.29	2.93	29.98	2.99
		122	21.41	2.72	23.10	2.82	24.79	2.93	26.01	2.96	28.17	3.02	29.86	3.08
	7 + 24	-4	27.92	1.42	29.66	1.48	31.39	1.53	32.64	1.55	34.86	1.58	36.59	1.61
		0	27.91	1.44	29.64	1.49	31.37	1.55	32.62	1.57	34.84	1.59	36.57	1.63
		5	27.88	1.46	29.61	1.52	31.35	1.57	32.60	1.59	34.81	1.62	36.54	1.65
		10	27.86	1.49	29.59	1.54	31.32	1.60	32.57	1.61	34.78	1.64	36.51	1.68
		14	27.84	1.51	29.57	1.56	31.30	1.62	32.55	1.64	34.76	1.67	36.49	1.70
		20	27.82	1.53	29.55	1.58	31.27	1.64	32.52	1.66	34.73	1.69	36.46	1.73
		25	27.80	1.55	29.52	1.61	31.25	1.67	32.50	1.68	34.70	1.72	36.43	1.75
		30	27.78	1.57	29.50	1.63	31.23	1.69	32.47	1.71	34.68	1.74	36.40	1.78
		35	27.76	1.59	29.48	1.65	31.20	1.71	32.45	1.73	34.65	1.76	36.37	1.80
		40	27.73	1.62	29.46	1.67	31.18	1.74	32.42	1.76	34.62	1.79	36.35	1.82
		45	27.71	1.64	29.43	1.70	31.16	1.76	32.40	1.78	34.60	1.81	36.32	1.85
		50	27.69	1.66	29.41	1.72	31.13	1.78	32.37	1.80	34.57	1.84	36.29	1.87
		55	27.67	1.68	29.39	1.74	31.11	1.81	32.35	1.83	34.54	1.86	36.26	1.90
		60	27.65	1.70	29.37	1.76	31.08	1.83	32.32	1.85	34.52	1.88	36.24	1.92
		65	27.63	1.72	29.34	1.79	31.06	1.85	32.30	1.87	34.49	1.91	36.21	1.95
		70	27.61	1.75	29.32	1.81	31.04	1.87	32.27	1.90	34.46	1.93	36.18	1.97
		75	26.94	1.84	28.65	1.91	30.36	1.98	31.60	2.00	33.78	2.04	35.49	2.08
		80	26.28	1.93	27.98	2.00	29.69	2.08	30.92	2.10	33.10	2.14	34.81	2.18
		85	25.62	2.03	27.32	2.10	29.02	2.18	30.25	2.20	32.43	2.24	34.13	2.29
		90	24.96	2.12	26.66	2.20	28.36	2.28	29.58	2.31	31.75	2.35	33.45	2.40
		95	24.25	2.22	25.94	2.30	27.63	2.38	28.40	2.41	31.00	2.45	32.69	2.50
		100	23.66	2.31	25.35	2.39	27.03	2.48	28.03	2.51	30.41	2.56	32.10	2.61
		105	23.07	2.40	24.75	2.49	26.44	2.58	27.66	2.61	29.82	2.66	31.51	2.72
		110	22.48	2.50	24.16	2.59	25.85	2.68	27.07	2.71	29.23	2.77	30.92	2.82
		115	21.88	2.59	23.57	2.69	25.26	2.79	26.48	2.82	28.64	2.87	30.33	2.93
		118	21.53	2.65	23.22	2.75	24.91	2.85	26.13	2.88	28.29	2.93	29.98	2.99
		122	21.41	2.72	23.10	2.82	24.79	2.93	26.01	2.96	28.17	3.02	29.86	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 46: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 24	-4	27.92	1.42	29.66	1.48	31.39	1.53	32.64	1.55	34.86	1.58	36.59	1.61
		0	27.91	1.44	29.64	1.49	31.37	1.55	32.62	1.57	34.84	1.59	36.57	1.63
		5	27.88	1.46	29.61	1.52	31.35	1.57	32.60	1.59	34.81	1.62	36.54	1.65
		10	27.86	1.49	29.59	1.54	31.32	1.60	32.57	1.61	34.78	1.64	36.51	1.68
		14	27.84	1.51	29.57	1.56	31.30	1.62	32.55	1.64	34.76	1.67	36.49	1.70
		20	27.82	1.53	29.55	1.58	31.27	1.64	32.52	1.66	34.73	1.69	36.46	1.73
		25	27.80	1.55	29.52	1.61	31.25	1.67	32.50	1.68	34.70	1.72	36.43	1.75
		30	27.78	1.57	29.50	1.63	31.23	1.69	32.47	1.71	34.68	1.74	36.40	1.78
		35	27.76	1.59	29.48	1.65	31.20	1.71	32.45	1.73	34.65	1.76	36.37	1.80
		40	27.73	1.62	29.46	1.67	31.18	1.74	32.42	1.76	34.62	1.79	36.35	1.82
		45	27.71	1.64	29.43	1.70	31.16	1.76	32.40	1.78	34.60	1.81	36.32	1.85
		50	27.69	1.66	29.41	1.72	31.13	1.78	32.37	1.80	34.57	1.84	36.29	1.87
		55	27.67	1.68	29.39	1.74	31.11	1.81	32.35	1.83	34.54	1.86	36.26	1.90
		60	27.65	1.70	29.37	1.76	31.08	1.83	32.32	1.85	34.52	1.88	36.24	1.92
		65	27.63	1.72	29.34	1.79	31.06	1.85	32.30	1.87	34.49	1.91	36.21	1.95
		70	27.61	1.75	29.32	1.81	31.04	1.87	32.27	1.90	34.46	1.93	36.18	1.97
		75	26.94	1.84	28.65	1.91	30.36	1.98	31.60	2.00	33.78	2.04	35.49	2.08
		80	26.28	1.93	27.98	2.00	29.69	2.08	30.92	2.10	33.10	2.14	34.81	2.18
		85	25.62	2.03	27.32	2.10	29.02	2.18	30.25	2.20	32.43	2.24	34.13	2.29
		90	24.96	2.12	26.66	2.20	28.36	2.28	29.58	2.31	31.75	2.35	33.45	2.40
		95	24.25	2.22	25.94	2.30	27.63	2.38	28.40	2.41	31.00	2.45	32.69	2.50
		100	23.66	2.31	25.35	2.39	27.03	2.48	28.03	2.51	30.41	2.56	32.10	2.61
		105	23.07	2.40	24.75	2.49	26.44	2.58	27.66	2.61	29.82	2.66	31.51	2.72
		110	22.48	2.50	24.16	2.59	25.85	2.68	27.07	2.71	29.23	2.77	30.92	2.82
		115	21.88	2.59	23.57	2.69	25.26	2.79	26.48	2.82	28.64	2.87	30.33	2.93
		118	21.53	2.65	23.22	2.75	24.91	2.85	26.13	2.88	28.29	2.93	29.98	2.99
		122	21.41	2.72	23.10	2.82	24.79	2.93	26.01	2.96	28.17	3.02	29.86	3.08
	15 + 18	-4	27.92	1.42	29.66	1.48	31.39	1.53	32.64	1.55	34.86	1.58	36.59	1.61
		0	27.91	1.44	29.64	1.49	31.37	1.55	32.62	1.57	34.84	1.59	36.57	1.63
		5	27.88	1.46	29.61	1.52	31.35	1.57	32.60	1.59	34.81	1.62	36.54	1.65
		10	27.86	1.49	29.59	1.54	31.32	1.60	32.57	1.61	34.78	1.64	36.51	1.68
		14	27.84	1.51	29.57	1.56	31.30	1.62	32.55	1.64	34.76	1.67	36.49	1.70
		20	27.82	1.53	29.55	1.58	31.27	1.64	32.52	1.66	34.73	1.69	36.46	1.73
		25	27.80	1.55	29.52	1.61	31.25	1.67	32.50	1.68	34.70	1.72	36.43	1.75
		30	27.78	1.57	29.50	1.63	31.23	1.69	32.47	1.71	34.68	1.74	36.40	1.78
		35	27.76	1.59	29.48	1.65	31.20	1.71	32.45	1.73	34.65	1.76	36.37	1.80
		40	27.73	1.62	29.46	1.67	31.18	1.74	32.42	1.76	34.62	1.79	36.35	1.82
		45	27.71	1.64	29.43	1.70	31.16	1.76	32.40	1.78	34.60	1.81	36.32	1.85
		50	27.69	1.66	29.41	1.72	31.13	1.78	32.37	1.80	34.57	1.84	36.29	1.87
		55	27.67	1.68	29.39	1.74	31.11	1.81	32.35	1.83	34.54	1.86	36.26	1.90
		60	27.65	1.70	29.37	1.76	31.08	1.83	32.32	1.85	34.52	1.88	36.24	1.92
		65	27.63	1.72	29.34	1.79	31.06	1.85	32.30	1.87	34.49	1.91	36.21	1.95
		70	27.61	1.75	29.32	1.81	31.04	1.87	32.27	1.90	34.46	1.93	36.18	1.97
		75	26.94	1.84	28.65	1.91	30.36	1.98	31.60	2.00	33.78	2.04	35.49	2.08
		80	26.28	1.93	27.98	2.00	29.69	2.08	30.92	2.10	33.10	2.14	34.81	2.18
		85	25.62	2.03	27.32	2.10	29.02	2.18	30.25	2.20	32.43	2.24	34.13	2.29
		90	24.96	2.12	26.66	2.20	28.36	2.28	29.58	2.31	31.75	2.35	33.45	2.40
		95	24.25	2.22	25.94	2.30	27.63	2.38	28.40	2.41	31.00	2.45	32.69	2.50
		100	23.66	2.31	25.35	2.39	27.03	2.48	28.03	2.51	30.41	2.56	32.10	2.61
		105	23.07	2.40	24.75	2.49	26.44	2.58	27.66	2.61	29.82	2.66	31.51	2.72
		110	22.48	2.50	24.16	2.59	25.85	2.68	27.07	2.71	29.23	2.77	30.92	2.82
		115	21.88	2.59	23.57	2.69	25.26	2.79	26.48	2.82	28.64	2.87	30.33	2.93
		118	21.53	2.65	23.22	2.75	24.91	2.85	26.13	2.88	28.29	2.93	29.98	2.99
		122	21.41	2.72	23.10	2.82	24.79	2.93	26.01	2.96	28.17	3.02	29.86	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 47: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	18 + 18	-4	27.92	1.42	29.66	1.48	31.39	1.53	32.64	1.55	34.86	1.58	36.59	1.61
		0	27.91	1.44	29.64	1.49	31.37	1.55	32.62	1.57	34.84	1.59	36.57	1.63
		5	27.88	1.46	29.61	1.52	31.35	1.57	32.60	1.59	34.81	1.62	36.54	1.65
		10	27.86	1.49	29.59	1.54	31.32	1.60	32.57	1.61	34.78	1.64	36.51	1.68
		14	27.84	1.51	29.57	1.56	31.30	1.62	32.55	1.64	34.76	1.67	36.49	1.70
		20	27.82	1.53	29.55	1.58	31.27	1.64	32.52	1.66	34.73	1.69	36.46	1.73
		25	27.80	1.55	29.52	1.61	31.25	1.67	32.50	1.68	34.70	1.72	36.43	1.75
		30	27.78	1.57	29.50	1.63	31.23	1.69	32.47	1.71	34.68	1.74	36.40	1.78
		35	27.76	1.59	29.48	1.65	31.20	1.71	32.45	1.73	34.65	1.76	36.37	1.80
		40	27.73	1.62	29.46	1.67	31.18	1.74	32.42	1.76	34.62	1.79	36.35	1.82
		45	27.71	1.64	29.43	1.70	31.16	1.76	32.40	1.78	34.60	1.81	36.32	1.85
		50	27.69	1.66	29.41	1.72	31.13	1.78	32.37	1.80	34.57	1.84	36.29	1.87
		55	27.67	1.68	29.39	1.74	31.11	1.81	32.35	1.83	34.54	1.86	36.26	1.90
		60	27.65	1.70	29.37	1.76	31.08	1.83	32.32	1.85	34.52	1.88	36.24	1.92
		65	27.63	1.72	29.34	1.79	31.06	1.85	32.30	1.87	34.49	1.91	36.21	1.95
		70	27.61	1.75	29.32	1.81	31.04	1.87	32.27	1.90	34.46	1.93	36.18	1.97
		75	26.94	1.84	28.65	1.91	30.36	1.98	31.60	2.00	33.78	2.04	35.49	2.08
		80	26.28	1.93	27.98	2.00	29.69	2.08	30.92	2.10	33.10	2.14	34.81	2.18
		85	25.62	2.03	27.32	2.10	29.02	2.18	30.25	2.20	32.43	2.24	34.13	2.29
		90	24.96	2.12	26.66	2.20	28.36	2.28	29.58	2.31	31.75	2.35	33.45	2.40
		95	24.25	2.22	25.94	2.30	27.63	2.38	28.40	2.41	31.00	2.45	32.69	2.50
		100	23.66	2.31	25.35	2.39	27.03	2.48	28.03	2.51	30.41	2.56	32.10	2.61
		105	23.07	2.40	24.75	2.49	26.44	2.58	27.66	2.61	29.82	2.66	31.51	2.72
		110	22.48	2.50	24.16	2.59	25.85	2.68	27.07	2.71	29.23	2.77	30.92	2.82
		115	21.88	2.59	23.57	2.69	25.26	2.79	26.48	2.82	28.64	2.87	30.33	2.93
		118	21.53	2.65	23.22	2.75	24.91	2.85	26.13	2.88	28.29	2.93	29.98	2.99
		122	21.41	2.72	23.10	2.82	24.79	2.93	26.01	2.96	28.17	3.02	29.86	3.08
	12 + 24	-4	27.92	1.42	29.66	1.48	31.39	1.53	32.64	1.55	34.86	1.58	36.59	1.61
		0	27.91	1.44	29.64	1.49	31.37	1.55	32.62	1.57	34.84	1.59	36.57	1.63
		5	27.88	1.46	29.61	1.52	31.35	1.57	32.60	1.59	34.81	1.62	36.54	1.65
		10	27.86	1.49	29.59	1.54	31.32	1.60	32.57	1.61	34.78	1.64	36.51	1.68
		14	27.84	1.51	29.57	1.56	31.30	1.62	32.55	1.64	34.76	1.67	36.49	1.70
		20	27.82	1.53	29.55	1.58	31.27	1.64	32.52	1.66	34.73	1.69	36.46	1.73
		25	27.80	1.55	29.52	1.61	31.25	1.67	32.50	1.68	34.70	1.72	36.43	1.75
		30	27.78	1.57	29.50	1.63	31.23	1.69	32.47	1.71	34.68	1.74	36.40	1.78
		35	27.76	1.59	29.48	1.65	31.20	1.71	32.45	1.73	34.65	1.76	36.37	1.80
		40	27.73	1.62	29.46	1.67	31.18	1.74	32.42	1.76	34.62	1.79	36.35	1.82
		45	27.71	1.64	29.43	1.70	31.16	1.76	32.40	1.78	34.60	1.81	36.32	1.85
		50	27.69	1.66	29.41	1.72	31.13	1.78	32.37	1.80	34.57	1.84	36.29	1.87
		55	27.67	1.68	29.39	1.74	31.11	1.81	32.35	1.83	34.54	1.86	36.26	1.90
		60	27.65	1.70	29.37	1.76	31.08	1.83	32.32	1.85	34.52	1.88	36.24	1.92
		65	27.63	1.72	29.34	1.79	31.06	1.85	32.30	1.87	34.49	1.91	36.21	1.95
		70	27.61	1.75	29.32	1.81	31.04	1.87	32.27	1.90	34.46	1.93	36.18	1.97
		75	26.94	1.84	28.65	1.91	30.36	1.98	31.60	2.00	33.78	2.04	35.49	2.08
		80	26.28	1.93	27.98	2.00	29.69	2.08	30.92	2.10	33.10	2.14	34.81	2.18
		85	25.62	2.03	27.32	2.10	29.02	2.18	30.25	2.20	32.43	2.24	34.13	2.29
		90	24.96	2.12	26.66	2.20	28.36	2.28	29.58	2.31	31.75	2.35	33.45	2.40
		95	24.25	2.22	25.94	2.30	27.63	2.38	28.40	2.41	31.00	2.45	32.69	2.50
		100	23.66	2.31	25.35	2.39	27.03	2.48	28.03	2.51	30.41	2.56	32.10	2.61
		105	23.07	2.40	24.75	2.49	26.44	2.58	27.66	2.61	29.82	2.66	31.51	2.72
		110	22.48	2.50	24.16	2.59	25.85	2.68	27.07	2.71	29.23	2.77	30.92	2.82
		115	21.88	2.59	23.57	2.69	25.26	2.79	26.48	2.82	28.64	2.87	30.33	2.93
		118	21.53	2.65	23.22	2.75	24.91	2.85	26.13	2.88	28.29	2.93	29.98	2.99
		122	21.41	2.72	23.10	2.82	24.79	2.93	26.01	2.96	28.17	3.02	29.86	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

MULTI F WITH **LGRED°**
MULTI F MAX

Cooling Capacity Tables

Table 48: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15 + 24	-4	27.92	1.42	29.66	1.48	31.39	1.53	32.64	1.55	34.86	1.58	36.59	1.61
		0	27.91	1.44	29.64	1.49	31.37	1.55	32.62	1.57	34.84	1.59	36.57	1.63
		5	27.88	1.46	29.61	1.52	31.35	1.57	32.60	1.59	34.81	1.62	36.54	1.65
		10	27.86	1.49	29.59	1.54	31.32	1.60	32.57	1.61	34.78	1.64	36.51	1.68
		14	27.84	1.51	29.57	1.56	31.30	1.62	32.55	1.64	34.76	1.67	36.49	1.70
		20	27.82	1.53	29.55	1.58	31.27	1.64	32.52	1.66	34.73	1.69	36.46	1.73
		25	27.80	1.55	29.52	1.61	31.25	1.67	32.50	1.68	34.70	1.72	36.43	1.75
		30	27.78	1.57	29.50	1.63	31.23	1.69	32.47	1.71	34.68	1.74	36.40	1.78
		35	27.76	1.59	29.48	1.65	31.20	1.71	32.45	1.73	34.65	1.76	36.37	1.80
		40	27.73	1.62	29.46	1.67	31.18	1.74	32.42	1.76	34.62	1.79	36.35	1.82
		45	27.71	1.64	29.43	1.70	31.16	1.76	32.40	1.78	34.60	1.81	36.32	1.85
		50	27.69	1.66	29.41	1.72	31.13	1.78	32.37	1.80	34.57	1.84	36.29	1.87
		55	27.67	1.68	29.39	1.74	31.11	1.81	32.35	1.83	34.54	1.86	36.26	1.90
		60	27.65	1.70	29.37	1.76	31.08	1.83	32.32	1.85	34.52	1.88	36.24	1.92
		65	27.63	1.72	29.34	1.79	31.06	1.85	32.30	1.87	34.49	1.91	36.21	1.95
		70	27.61	1.75	29.32	1.81	31.04	1.87	32.27	1.90	34.46	1.93	36.18	1.97
		75	26.94	1.84	28.65	1.91	30.36	1.98	31.60	2.00	33.78	2.04	35.49	2.08
		80	26.28	1.93	27.98	2.00	29.69	2.08	30.92	2.10	33.10	2.14	34.81	2.18
		85	25.62	2.03	27.32	2.10	29.02	2.18	30.25	2.20	32.43	2.24	34.13	2.29
		90	24.96	2.12	26.66	2.20	28.36	2.28	29.58	2.31	31.75	2.35	33.45	2.40
		95	24.25	2.22	25.94	2.30	27.63	2.38	28.40	2.41	31.00	2.45	32.69	2.50
		100	23.66	2.31	25.35	2.39	27.03	2.48	28.03	2.51	30.41	2.56	32.10	2.61
		105	23.07	2.40	24.75	2.49	26.44	2.58	27.66	2.61	29.82	2.66	31.51	2.72
		110	22.48	2.50	24.16	2.59	25.85	2.68	27.07	2.71	29.23	2.77	30.92	2.82
		115	21.88	2.59	23.57	2.69	25.26	2.79	26.48	2.82	28.64	2.87	30.33	2.93
		118	21.53	2.65	23.22	2.75	24.91	2.85	26.13	2.88	28.29	2.93	29.98	2.99
		122	21.41	2.72	23.10	2.82	24.79	2.93	26.01	2.96	28.17	3.02	29.86	3.08
Three (3) Non-Ducted Indoor Units	7 + 7 + 7	-4	20.65	0.99	21.93	1.03	23.21	1.07	24.14	1.08	25.77	1.10	27.06	1.12
		0	20.63	1.01	21.92	1.04	23.20	1.08	24.12	1.09	25.76	1.11	27.04	1.14
		5	20.62	1.02	21.90	1.06	23.18	1.10	24.10	1.11	25.74	1.13	27.02	1.15
		10	20.60	1.04	21.88	1.07	23.16	1.11	24.08	1.13	25.72	1.15	27.00	1.17
		14	20.59	1.05	21.86	1.09	23.14	1.13	24.07	1.14	25.70	1.16	26.98	1.19
		20	20.57	1.07	21.85	1.11	23.13	1.15	24.05	1.16	25.68	1.18	26.96	1.21
		25	20.55	1.08	21.83	1.12	23.11	1.16	24.03	1.18	25.66	1.20	26.94	1.22
		30	20.54	1.10	21.81	1.14	23.09	1.18	24.01	1.19	25.64	1.21	26.92	1.24
		35	20.52	1.11	21.80	1.15	23.07	1.20	23.99	1.21	25.62	1.23	26.90	1.26
		40	20.51	1.13	21.78	1.17	23.05	1.21	23.97	1.23	25.60	1.25	26.88	1.27
		45	20.49	1.14	21.76	1.18	23.04	1.23	23.96	1.24	25.58	1.27	26.86	1.29
		50	20.48	1.16	21.75	1.20	23.02	1.24	23.94	1.26	25.56	1.28	26.83	1.31
		55	20.46	1.17	21.73	1.22	23.00	1.26	23.92	1.27	25.54	1.30	26.81	1.32
		60	20.44	1.19	21.71	1.23	22.98	1.28	23.90	1.29	25.52	1.32	26.79	1.34
		65	20.43	1.20	21.70	1.25	22.97	1.29	23.88	1.31	25.50	1.33	26.77	1.36
		70	20.41	1.22	21.68	1.26	22.95	1.31	23.86	1.32	25.48	1.35	26.75	1.38
		75	19.92	1.28	21.19	1.33	22.45	1.38	23.36	1.40	24.98	1.42	26.25	1.45
		80	19.43	1.35	20.69	1.40	21.95	1.45	22.87	1.47	24.48	1.49	25.74	1.52
		85	18.94	1.42	20.20	1.47	21.46	1.52	22.37	1.54	23.98	1.57	25.24	1.60
		90	18.46	1.48	19.71	1.54	20.97	1.59	21.87	1.61	23.48	1.64	24.73	1.67
		95	17.93	1.55	19.18	1.60	20.43	1.66	21.00	1.68	22.93	1.71	24.17	1.75
		100	17.49	1.61	18.74	1.67	19.99	1.73	20.73	1.75	22.49	1.79	23.74	1.82
		105	17.06	1.68	18.30	1.74	19.55	1.80	20.46	1.82	22.05	1.86	23.30	1.90
		110	16.62	1.74	17.87	1.81	19.12	1.87	20.02	1.90	21.62	1.93	22.86	1.97
		115	16.18	1.81	17.43	1.88	18.68	1.94	19.58	1.97	21.18	2.00	22.43	2.04
		118	15.92	1.85	17.17	1.92	18.42	1.99	19.32	2.01	20.92	2.05	22.17	2.09
		122	15.83	1.90	17.08	1.97	18.33	2.04	19.23	2.07	20.83	2.11	22.08	2.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 49: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 7 + 9	-4	22.26	1.07	23.64	1.11	25.03	1.15	26.03	1.17	27.79	1.19	29.18	1.21
		0	22.25	1.08	23.63	1.12	25.01	1.16	26.01	1.18	27.78	1.20	29.16	1.22
		5	22.23	1.10	23.61	1.14	24.99	1.18	25.99	1.20	27.75	1.22	29.14	1.24
		10	22.21	1.12	23.59	1.16	24.97	1.20	25.97	1.21	27.73	1.24	29.11	1.26
		14	22.20	1.13	23.58	1.18	24.96	1.22	25.95	1.23	27.71	1.26	29.09	1.28
		20	22.18	1.15	23.56	1.19	24.94	1.24	25.93	1.25	27.69	1.27	29.07	1.30
		25	22.16	1.17	23.54	1.21	24.92	1.25	25.91	1.27	27.67	1.29	29.05	1.32
		30	22.15	1.18	23.52	1.23	24.90	1.27	25.89	1.29	27.65	1.31	29.02	1.34
		35	22.13	1.20	23.50	1.24	24.88	1.29	25.87	1.30	27.63	1.33	29.00	1.35
		40	22.11	1.22	23.49	1.26	24.86	1.31	25.85	1.32	27.61	1.35	28.98	1.37
		45	22.10	1.23	23.47	1.28	24.84	1.32	25.83	1.34	27.59	1.36	28.96	1.39
		50	22.08	1.25	23.45	1.29	24.82	1.34	25.81	1.36	27.56	1.38	28.94	1.41
		55	22.06	1.26	23.43	1.31	24.80	1.36	25.79	1.37	27.54	1.40	28.91	1.43
		60	22.05	1.28	23.41	1.33	24.78	1.38	25.77	1.39	27.52	1.42	28.89	1.45
		65	22.03	1.30	23.40	1.34	24.76	1.39	25.75	1.41	27.50	1.44	28.87	1.46
		70	22.01	1.31	23.38	1.36	24.75	1.41	25.73	1.43	27.48	1.45	28.85	1.48
		75	21.48	1.38	22.85	1.43	24.21	1.49	25.19	1.50	26.94	1.53	28.30	1.56
		80	20.95	1.45	22.31	1.51	23.67	1.56	24.66	1.58	26.39	1.61	27.75	1.64
		85	20.43	1.53	21.78	1.58	23.14	1.64	24.12	1.66	25.85	1.69	27.21	1.72
		90	19.90	1.60	21.26	1.65	22.61	1.72	23.59	1.74	25.32	1.77	26.67	1.80
		95	19.33	1.67	20.68	1.73	22.03	1.79	22.64	1.81	24.72	1.85	26.07	1.88
		100	18.86	1.74	20.21	1.80	21.56	1.87	22.35	1.89	24.25	1.92	25.60	1.96
		105	18.39	1.81	19.74	1.88	21.08	1.94	22.06	1.97	23.78	2.00	25.13	2.04
		110	17.92	1.88	19.27	1.95	20.61	2.02	21.59	2.04	23.31	2.08	24.65	2.12
		115	17.45	1.95	18.80	2.02	20.14	2.10	21.12	2.12	22.84	2.16	24.18	2.20
		118	17.17	1.99	18.51	2.07	19.86	2.14	20.83	2.17	22.55	2.21	23.90	2.25
		122	17.07	2.05	18.42	2.12	19.77	2.20	20.74	2.23	22.46	2.27	23.81	2.32
	7 + 9 + 9	-4	24.15	1.16	25.65	1.21	27.15	1.25	28.24	1.26	30.15	1.29	31.65	1.31
		0	24.14	1.18	25.64	1.22	27.14	1.26	28.22	1.28	30.14	1.30	31.64	1.33
		5	24.12	1.19	25.62	1.24	27.12	1.28	28.20	1.30	30.11	1.32	31.61	1.35
		10	24.10	1.21	25.60	1.26	27.09	1.30	28.18	1.32	30.09	1.34	31.59	1.37
		14	24.08	1.23	25.58	1.28	27.07	1.32	28.15	1.34	30.07	1.36	31.56	1.39
		20	24.06	1.25	25.56	1.29	27.05	1.34	28.13	1.36	30.04	1.38	31.54	1.41
		25	24.05	1.27	25.54	1.31	27.03	1.36	28.11	1.38	30.02	1.40	31.51	1.43
		30	24.03	1.28	25.52	1.33	27.01	1.38	28.09	1.39	30.00	1.42	31.49	1.45
		35	24.01	1.30	25.50	1.35	26.99	1.40	28.07	1.41	29.97	1.44	31.46	1.47
		40	23.99	1.32	25.48	1.37	26.97	1.42	28.05	1.43	29.95	1.46	31.44	1.49
		45	23.97	1.34	25.46	1.39	26.95	1.44	28.03	1.45	29.93	1.48	31.42	1.51
		50	23.95	1.35	25.44	1.40	26.93	1.45	28.00	1.47	29.91	1.50	31.39	1.53
		55	23.94	1.37	25.42	1.42	26.91	1.47	27.98	1.49	29.88	1.52	31.37	1.55
		60	23.92	1.39	25.40	1.44	26.89	1.49	27.96	1.51	29.86	1.54	31.34	1.57
		65	23.90	1.41	25.38	1.46	26.87	1.51	27.94	1.53	29.84	1.56	31.32	1.59
		70	23.88	1.42	25.36	1.48	26.85	1.53	27.92	1.55	29.81	1.58	31.30	1.61
		75	23.31	1.50	24.79	1.56	26.27	1.61	27.33	1.63	29.22	1.66	30.70	1.70
		80	22.73	1.58	24.21	1.64	25.68	1.70	26.75	1.72	28.63	1.75	30.11	1.78
		85	22.16	1.66	23.63	1.72	25.11	1.78	26.17	1.80	28.05	1.83	29.52	1.87
		90	21.59	1.73	23.06	1.80	24.53	1.86	25.59	1.88	27.47	1.92	28.93	1.96
		95	20.97	1.81	22.44	1.88	23.90	1.94	24.57	1.97	26.82	2.00	28.28	2.04
		100	20.46	1.89	21.92	1.95	23.39	2.03	24.25	2.05	26.31	2.09	27.77	2.13
		105	19.95	1.96	21.41	2.03	22.88	2.11	23.93	2.13	25.80	2.17	27.26	2.22
		110	19.44	2.04	20.90	2.11	22.36	2.19	23.42	2.22	25.29	2.26	26.75	2.30
		115	18.93	2.12	20.39	2.19	21.85	2.27	22.91	2.30	24.78	2.34	26.24	2.39
		118	18.62	2.16	20.09	2.24	21.55	2.32	22.60	2.35	24.47	2.39	25.93	2.44
		122	18.52	2.22	19.98	2.31	21.45	2.39	22.50	2.42	24.37	2.46	25.83	2.51

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 50: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 7 + 12	-4	24.69	1.19	26.22	1.23	27.75	1.28	28.86	1.29	30.82	1.32	32.35	1.34
		0	24.67	1.20	26.21	1.25	27.74	1.29	28.85	1.31	30.80	1.33	32.34	1.36
		5	24.65	1.22	26.18	1.27	27.72	1.31	28.82	1.33	30.78	1.35	32.31	1.38
		10	24.64	1.24	26.16	1.28	27.69	1.33	28.80	1.35	30.75	1.37	32.28	1.40
		14	24.62	1.26	26.15	1.30	27.67	1.35	28.78	1.37	30.73	1.39	32.26	1.42
		20	24.60	1.28	26.13	1.32	27.65	1.37	28.76	1.39	30.71	1.41	32.24	1.44
		25	24.58	1.29	26.11	1.34	27.63	1.39	28.73	1.41	30.68	1.43	32.21	1.46
		30	24.56	1.31	26.09	1.36	27.61	1.41	28.71	1.43	30.66	1.45	32.19	1.48
		35	24.54	1.33	26.07	1.38	27.59	1.43	28.69	1.44	30.64	1.47	32.16	1.50
		40	24.52	1.35	26.05	1.40	27.57	1.45	28.67	1.46	30.61	1.49	32.14	1.52
		45	24.50	1.37	26.03	1.42	27.55	1.47	28.65	1.48	30.59	1.51	32.11	1.54
		50	24.48	1.38	26.01	1.43	27.53	1.49	28.62	1.50	30.57	1.53	32.09	1.56
		55	24.47	1.40	25.99	1.45	27.50	1.51	28.60	1.52	30.54	1.55	32.06	1.58
		60	24.45	1.42	25.97	1.47	27.48	1.53	28.58	1.54	30.52	1.57	32.04	1.60
		65	24.43	1.44	25.95	1.49	27.46	1.54	28.56	1.56	30.50	1.59	32.01	1.62
		70	24.41	1.46	25.93	1.51	27.44	1.56	28.54	1.58	30.47	1.61	31.99	1.64
		75	23.82	1.53	25.33	1.59	26.85	1.65	27.94	1.67	29.87	1.70	31.38	1.73
		80	23.23	1.61	24.74	1.67	26.25	1.73	27.34	1.75	29.27	1.79	30.78	1.82
		85	22.65	1.69	24.16	1.75	25.66	1.82	26.75	1.84	28.67	1.87	30.18	1.91
		90	22.07	1.77	23.57	1.83	25.07	1.90	26.16	1.92	28.07	1.96	29.58	2.00
		95	21.44	1.85	22.93	1.92	24.43	1.99	25.11	2.01	27.41	2.05	28.91	2.09
		100	20.92	1.93	22.41	2.00	23.90	2.07	24.79	2.09	26.89	2.13	28.38	2.18
		105	20.39	2.01	21.89	2.08	23.38	2.15	24.46	2.18	26.37	2.22	27.86	2.27
		110	19.87	2.08	21.37	2.16	22.86	2.24	23.94	2.27	25.85	2.31	27.34	2.35
		115	19.35	2.16	20.84	2.24	22.34	2.32	23.42	2.35	25.32	2.39	26.82	2.44
		118	19.04	2.21	20.53	2.29	22.02	2.37	23.10	2.40	25.01	2.45	26.50	2.50
		122	18.93	2.27	20.43	2.36	21.92	2.44	23.00	2.47	24.91	2.52	26.40	2.57
	9 + 9 + 9	-4	25.50	1.23	27.08	1.27	28.66	1.32	29.81	1.33	31.83	1.36	33.41	1.39
		0	25.48	1.24	27.06	1.29	28.65	1.33	29.79	1.35	31.81	1.37	33.39	1.40
		5	25.46	1.26	27.04	1.31	28.62	1.35	29.77	1.37	31.79	1.40	33.37	1.42
		10	25.44	1.28	27.02	1.33	28.60	1.38	29.74	1.39	31.76	1.42	33.34	1.45
		14	25.42	1.30	27.00	1.35	28.58	1.40	29.72	1.41	31.74	1.44	33.32	1.47
		20	25.40	1.32	26.98	1.37	28.56	1.42	29.70	1.43	31.71	1.46	33.29	1.49
		25	25.38	1.34	26.96	1.38	28.54	1.44	29.67	1.45	31.69	1.48	33.27	1.51
		30	25.36	1.35	26.94	1.40	28.51	1.46	29.65	1.47	31.66	1.50	33.24	1.53
		35	25.34	1.37	26.92	1.42	28.49	1.48	29.63	1.49	31.64	1.52	33.21	1.55
		40	25.33	1.39	26.90	1.44	28.47	1.50	29.61	1.51	31.62	1.54	33.19	1.57
		45	25.31	1.41	26.88	1.46	28.45	1.52	29.58	1.53	31.59	1.56	33.16	1.59
		50	25.29	1.43	26.86	1.48	28.43	1.54	29.56	1.55	31.57	1.58	33.14	1.61
		55	25.27	1.45	26.84	1.50	28.41	1.56	29.54	1.57	31.54	1.60	33.11	1.64
		60	25.25	1.47	26.82	1.52	28.38	1.58	29.52	1.59	31.52	1.62	33.09	1.66
		65	25.23	1.49	26.79	1.54	28.36	1.60	29.49	1.61	31.50	1.64	33.06	1.68
		70	25.21	1.50	26.77	1.56	28.34	1.62	29.47	1.63	31.47	1.66	33.04	1.70
		75	24.60	1.58	26.16	1.64	27.73	1.70	28.85	1.72	30.85	1.75	32.41	1.79
		80	24.00	1.67	25.55	1.73	27.11	1.79	28.24	1.81	30.23	1.84	31.78	1.88
		85	23.39	1.75	24.95	1.81	26.50	1.88	27.62	1.90	29.61	1.93	31.16	1.97
		90	22.79	1.83	24.34	1.90	25.89	1.96	27.01	1.99	28.99	2.02	30.54	2.06
		95	22.14	1.91	23.68	1.98	25.23	2.05	25.93	2.08	28.31	2.11	29.85	2.16
		100	21.60	1.99	23.14	2.06	24.69	2.14	25.60	2.16	27.77	2.20	29.31	2.25
		105	21.06	2.07	22.60	2.15	24.15	2.23	25.26	2.25	27.23	2.29	28.77	2.34
		110	20.52	2.15	22.07	2.23	23.61	2.31	24.72	2.34	26.69	2.38	28.24	2.43
		115	19.98	2.23	21.53	2.32	23.07	2.40	24.18	2.43	26.15	2.47	27.70	2.52
		118	19.66	2.28	21.20	2.37	22.75	2.45	23.86	2.48	25.83	2.53	27.37	2.58
		122	19.55	2.35	21.09	2.43	22.64	2.52	23.75	2.55	25.72	2.60	27.26	2.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 51: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 9 + 12	-4	26.30	1.27	27.94	1.31	29.57	1.36	30.75	1.38	32.84	1.40	34.47	1.43
		0	26.29	1.28	27.92	1.33	29.56	1.38	30.74	1.39	32.82	1.42	34.45	1.45
		5	26.27	1.30	27.90	1.35	29.53	1.40	30.71	1.41	32.79	1.44	34.43	1.47
		10	26.25	1.32	27.88	1.37	29.51	1.42	30.69	1.44	32.77	1.46	34.40	1.49
		14	26.23	1.34	27.86	1.39	29.49	1.44	30.66	1.46	32.74	1.48	34.37	1.51
		20	26.21	1.36	27.84	1.41	29.46	1.46	30.64	1.48	32.72	1.50	34.35	1.53
		25	26.19	1.38	27.82	1.43	29.44	1.48	30.62	1.50	32.69	1.53	34.32	1.56
		30	26.17	1.40	27.79	1.45	29.42	1.50	30.59	1.52	32.67	1.55	34.29	1.58
		35	26.15	1.42	27.77	1.47	29.40	1.52	30.57	1.54	32.64	1.57	34.27	1.60
		40	26.13	1.44	27.75	1.49	29.37	1.54	30.55	1.56	32.62	1.59	34.24	1.62
		45	26.11	1.46	27.73	1.51	29.35	1.56	30.52	1.58	32.59	1.61	34.22	1.64
		50	26.09	1.47	27.71	1.53	29.33	1.58	30.50	1.60	32.57	1.63	34.19	1.67
		55	26.07	1.49	27.69	1.55	29.31	1.60	30.48	1.62	32.54	1.65	34.16	1.69
		60	26.05	1.51	27.67	1.57	29.28	1.63	30.45	1.64	32.52	1.68	34.14	1.71
		65	26.03	1.53	27.65	1.59	29.26	1.65	30.43	1.67	32.49	1.70	34.11	1.73
		70	26.01	1.55	27.62	1.61	29.24	1.67	30.41	1.69	32.47	1.72	34.09	1.75
		75	25.38	1.64	26.99	1.70	28.61	1.76	29.77	1.78	31.83	1.81	33.44	1.85
		80	24.76	1.72	26.36	1.78	27.97	1.85	29.13	1.87	31.19	1.90	32.79	1.94
		85	24.14	1.80	25.74	1.87	27.34	1.94	28.50	1.96	30.55	2.00	32.15	2.04
		90	23.52	1.89	25.12	1.96	26.72	2.03	27.87	2.05	29.91	2.09	31.51	2.13
		95	22.84	1.97	24.43	2.04	26.03	2.12	26.76	2.14	29.21	2.18	30.80	2.22
		100	22.29	2.05	23.88	2.13	25.47	2.21	26.41	2.23	28.65	2.27	30.24	2.32
		105	21.73	2.14	23.32	2.22	24.91	2.30	26.06	2.32	28.10	2.37	29.69	2.41
		110	21.17	2.22	22.77	2.30	24.36	2.39	25.51	2.41	27.54	2.46	29.13	2.51
		115	20.62	2.30	22.21	2.39	23.80	2.48	24.95	2.50	26.98	2.55	28.58	2.60
		118	20.28	2.36	21.88	2.44	23.47	2.53	24.62	2.56	26.65	2.61	28.24	2.66
		122	20.17	2.42	21.76	2.51	23.36	2.60	24.51	2.63	26.54	2.68	28.13	2.74
	7 + 7 + 15	-4	27.11	1.31	28.80	1.35	30.48	1.40	31.70	1.42	33.85	1.44	35.53	1.47
		0	27.10	1.32	28.78	1.37	30.46	1.42	31.68	1.43	33.83	1.46	35.51	1.49
		5	27.08	1.34	28.76	1.39	30.44	1.44	31.65	1.46	33.80	1.48	35.48	1.51
		10	27.06	1.36	28.74	1.41	30.42	1.46	31.63	1.48	33.78	1.51	35.46	1.54
		14	27.03	1.38	28.71	1.43	30.39	1.48	31.61	1.50	33.75	1.53	35.43	1.56
		20	27.01	1.40	28.69	1.45	30.37	1.50	31.58	1.52	33.72	1.55	35.40	1.58
		25	26.99	1.42	28.67	1.47	30.35	1.53	31.56	1.54	33.70	1.57	35.38	1.60
		30	26.97	1.44	28.65	1.49	30.32	1.55	31.53	1.56	33.67	1.59	35.35	1.63
		35	26.95	1.46	28.63	1.51	30.30	1.57	31.51	1.59	33.65	1.62	35.32	1.65
		40	26.93	1.48	28.60	1.53	30.28	1.59	31.48	1.61	33.62	1.64	35.29	1.67
		45	26.91	1.50	28.58	1.55	30.25	1.61	31.46	1.63	33.60	1.66	35.27	1.69
		50	26.89	1.52	28.56	1.57	30.23	1.63	31.44	1.65	33.57	1.68	35.24	1.72
		55	26.87	1.54	28.54	1.60	30.21	1.65	31.41	1.67	33.54	1.70	35.21	1.74
		60	26.85	1.56	28.52	1.62	30.18	1.67	31.39	1.69	33.52	1.73	35.19	1.76
		65	26.83	1.58	28.49	1.64	30.16	1.70	31.36	1.72	33.49	1.75	35.16	1.78
		70	26.81	1.60	28.47	1.66	30.14	1.72	31.34	1.74	33.47	1.77	35.13	1.81
		75	26.16	1.68	27.82	1.75	29.48	1.81	30.68	1.83	32.81	1.87	34.47	1.90
		80	25.52	1.77	27.17	1.84	28.83	1.90	30.03	1.92	32.14	1.96	33.80	2.00
		85	24.88	1.86	26.53	1.93	28.18	2.00	29.38	2.02	31.49	2.06	33.14	2.10
		90	24.24	1.94	25.89	2.01	27.54	2.09	28.73	2.11	30.83	2.15	32.48	2.20
		95	23.54	2.03	25.19	2.10	26.83	2.18	27.58	2.21	30.11	2.25	31.75	2.29
		100	22.97	2.12	24.61	2.19	26.25	2.27	27.22	2.30	29.53	2.34	31.17	2.39
		105	22.40	2.20	24.04	2.28	25.68	2.37	26.86	2.39	28.96	2.44	30.60	2.49
		110	21.82	2.29	23.47	2.37	25.11	2.46	26.29	2.49	28.39	2.53	30.03	2.58
		115	21.25	2.37	22.89	2.46	24.53	2.55	25.72	2.58	27.81	2.63	29.45	2.68
		118	20.91	2.43	22.55	2.52	24.19	2.61	25.37	2.64	27.47	2.69	29.11	2.74
		122	20.79	2.50	22.43	2.59	24.07	2.68	25.26	2.71	27.35	2.76	28.99	2.82

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 52: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 12	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 9 + 15	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 53: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 12 + 12	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 7 + 18	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 54: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 15	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	9 + 12 + 12	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 55: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 9 + 18	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 12 + 15	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 56: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 12 + 15	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	12 + 12 + 12	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 57: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 18	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 12 + 18	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

MULTI F WITH LGRED°
MULTI F MAX

Cooling Capacity Tables

Table 58: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 15 + 15	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 7 + 24	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 59: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 12 + 18	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	9 + 15 + 15	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 60: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 12 + 15	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 9 + 24	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 61: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 15 + 18	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
Four (4) Non-Ducted Indoor Units	7 + 7 + 7 + 7	-4	26.30	1.27	27.94	1.31	29.57	1.36	30.75	1.38	32.84	1.40	34.47	1.43
		0	26.29	1.28	27.92	1.33	29.56	1.37	30.74	1.39	32.82	1.42	34.45	1.44
		5	26.27	1.30	27.90	1.35	29.53	1.40	30.71	1.41	32.79	1.44	34.43	1.47
		10	26.25	1.32	27.88	1.37	29.51	1.42	30.69	1.43	32.77	1.46	34.40	1.49
		14	26.23	1.34	27.86	1.39	29.49	1.44	30.66	1.45	32.74	1.48	34.37	1.51
		20	26.21	1.36	27.84	1.41	29.46	1.46	30.64	1.48	32.72	1.50	34.35	1.53
		25	26.19	1.38	27.82	1.43	29.44	1.48	30.62	1.50	32.69	1.52	34.32	1.56
		30	26.17	1.40	27.79	1.45	29.42	1.50	30.59	1.52	32.67	1.55	34.29	1.58
		35	26.15	1.42	27.77	1.47	29.40	1.52	30.57	1.54	32.64	1.57	34.27	1.60
		40	26.13	1.43	27.75	1.49	29.37	1.54	30.55	1.56	32.62	1.59	34.24	1.62
		45	26.11	1.45	27.73	1.51	29.35	1.56	30.52	1.58	32.59	1.61	34.22	1.64
		50	26.09	1.47	27.71	1.53	29.33	1.58	30.50	1.60	32.57	1.63	34.19	1.66
		55	26.07	1.49	27.69	1.55	29.31	1.60	30.48	1.62	32.54	1.65	34.16	1.69
		60	26.05	1.51	27.67	1.57	29.28	1.62	30.45	1.64	32.52	1.67	34.14	1.71
		65	26.03	1.53	27.65	1.59	29.26	1.64	30.43	1.66	32.49	1.69	34.11	1.73
		70	26.01	1.55	27.62	1.61	29.24	1.67	30.41	1.68	32.47	1.72	34.09	1.75
		75	25.38	1.63	26.99	1.69	28.61	1.76	29.77	1.78	31.83	1.81	33.44	1.85
		80	24.76	1.72	26.36	1.78	27.97	1.85	29.13	1.87	31.19	1.90	32.79	1.94
		85	24.14	1.80	25.74	1.87	27.34	1.93	28.50	1.96	30.55	1.99	32.15	2.03
		90	23.52	1.88	25.12	1.95	26.72	2.02	27.87	2.05	29.91	2.09	31.51	2.13
		95	22.84	1.97	24.43	2.04	26.03	2.11	26.76	2.14	29.21	2.18	30.80	2.22
		100	22.29	2.05	23.88	2.13	25.47	2.20	26.41	2.23	28.65	2.27	30.24	2.32
		105	21.73	2.14	23.32	2.21	24.91	2.29	26.06	2.32	28.10	2.36	29.69	2.41
		110	21.17	2.22	22.77	2.30	24.36	2.38	25.51	2.41	27.54	2.46	29.13	2.51
		115	20.62	2.30	22.21	2.39	23.80	2.47	24.95	2.50	26.98	2.55	28.58	2.60
		118	20.28	2.35	21.88	2.44	23.47	2.53	24.62	2.56	26.65	2.60	28.24	2.66
		122	20.17	2.42	21.76	2.51	23.36	2.60	24.51	2.63	26.54	2.68	28.13	2.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 62: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7 + 7 + 7 + 9	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 7 + 9 + 9	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
80		26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06	
85		25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16	
90		24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26	
95		24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36	
100		23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46	
105		23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56	
110		22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66	
115		21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76	
118		21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82	
122		21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90	

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 63: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7 + 7 + 7 + 12	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 9 + 9 + 9	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 64: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7 + 7 + 9 + 12	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 7 + 7 + 15	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 65: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 9	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 9 + 9 + 12	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 66: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7 + 7 + 9 + 15	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 7 + 12 + 12	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 67: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 12	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 7 + 7 + 18	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 68: KUMXA301A Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7 + 9 + 9 + 15	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90
	7 + 9 + 12 + 12	-4	27.92	1.34	29.66	1.39	31.39	1.44	32.64	1.46	34.86	1.49	36.59	1.52
		0	27.91	1.36	29.64	1.41	31.37	1.46	32.62	1.48	34.84	1.50	36.57	1.53
		5	27.88	1.38	29.61	1.43	31.35	1.48	32.60	1.50	34.81	1.53	36.54	1.56
		10	27.86	1.40	29.59	1.45	31.32	1.50	32.57	1.52	34.78	1.55	36.51	1.58
		14	27.84	1.42	29.57	1.47	31.30	1.53	32.55	1.54	34.76	1.57	36.49	1.60
		20	27.82	1.44	29.55	1.49	31.27	1.55	32.52	1.57	34.73	1.60	36.46	1.63
		25	27.80	1.46	29.52	1.51	31.25	1.57	32.50	1.59	34.70	1.62	36.43	1.65
		30	27.78	1.48	29.50	1.54	31.23	1.59	32.47	1.61	34.68	1.64	36.40	1.67
		35	27.76	1.50	29.48	1.56	31.20	1.61	32.45	1.63	34.65	1.66	36.37	1.70
		40	27.73	1.52	29.46	1.58	31.18	1.64	32.42	1.65	34.62	1.69	36.35	1.72
		45	27.71	1.54	29.43	1.60	31.16	1.66	32.40	1.68	34.60	1.71	36.32	1.74
		50	27.69	1.56	29.41	1.62	31.13	1.68	32.37	1.70	34.57	1.73	36.29	1.77
		55	27.67	1.58	29.39	1.64	31.11	1.70	32.35	1.72	34.54	1.75	36.26	1.79
		60	27.65	1.60	29.37	1.66	31.08	1.72	32.32	1.74	34.52	1.78	36.24	1.81
		65	27.63	1.62	29.34	1.68	31.06	1.75	32.30	1.77	34.49	1.80	36.21	1.83
		70	27.61	1.65	29.32	1.71	31.04	1.77	32.27	1.79	34.46	1.82	36.18	1.86
		75	26.94	1.73	28.65	1.80	30.36	1.86	31.60	1.88	33.78	1.92	35.49	1.96
		80	26.28	1.82	27.98	1.89	29.69	1.96	30.92	1.98	33.10	2.02	34.81	2.06
		85	25.62	1.91	27.32	1.98	29.02	2.05	30.25	2.08	32.43	2.12	34.13	2.16
		90	24.96	2.00	26.66	2.07	28.36	2.15	29.58	2.17	31.75	2.21	33.45	2.26
		95	24.25	2.09	25.94	2.17	27.63	2.24	28.40	2.27	31.00	2.31	32.69	2.36
		100	23.66	2.18	25.35	2.26	27.03	2.34	28.03	2.37	30.41	2.41	32.10	2.46
		105	23.07	2.27	24.75	2.35	26.44	2.43	27.66	2.46	29.82	2.51	31.51	2.56
		110	22.48	2.36	24.16	2.44	25.85	2.53	27.07	2.56	29.23	2.61	30.92	2.66
		115	21.88	2.44	23.57	2.53	25.26	2.63	26.48	2.66	28.64	2.71	30.33	2.76
		118	21.53	2.50	23.22	2.59	24.91	2.68	26.13	2.71	28.29	2.76	29.98	2.82
		122	21.41	2.57	23.10	2.66	24.79	2.76	26.01	2.79	28.17	2.84	29.86	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 69: KUMXA301A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	-4	16.22	0.89	17.23	0.92	18.24	0.95	18.96	0.96	20.25	0.98	21.26	1.00
		0	16.21	0.89	17.22	0.93	18.23	0.96	18.95	0.97	20.24	0.99	21.25	1.01
		5	16.20	0.91	17.21	0.94	18.21	0.98	18.94	0.99	20.22	1.01	21.23	1.03
		10	16.19	0.92	17.19	0.96	18.20	0.99	18.92	1.00	20.21	1.02	21.21	1.04
		14	16.17	0.94	17.18	0.97	18.18	1.01	18.91	1.02	20.19	1.04	21.20	1.06
		20	16.16	0.95	17.17	0.98	18.17	1.02	18.90	1.03	20.18	1.05	21.18	1.07
		25	16.15	0.96	17.15	1.00	18.16	1.03	18.88	1.05	20.16	1.07	21.17	1.09
		30	16.14	0.98	17.14	1.01	18.14	1.05	18.87	1.06	20.15	1.08	21.15	1.10
		35	16.13	0.99	17.13	1.03	18.13	1.06	18.85	1.08	20.13	1.10	21.13	1.12
		40	16.11	1.00	17.11	1.04	18.11	1.08	18.84	1.09	20.12	1.11	21.12	1.13
		45	16.10	1.02	17.10	1.05	18.10	1.09	18.82	1.11	20.10	1.13	21.10	1.15
		50	16.09	1.03	17.09	1.07	18.09	1.11	18.81	1.12	20.09	1.14	21.08	1.16
		55	16.08	1.04	17.07	1.08	18.07	1.12	18.79	1.13	20.07	1.16	21.07	1.18
		60	16.06	1.06	17.06	1.10	18.06	1.14	18.78	1.15	20.05	1.17	21.05	1.19
		65	16.05	1.07	17.05	1.11	18.05	1.15	18.77	1.16	20.04	1.19	21.04	1.21
		70	16.04	1.08	17.04	1.12	18.03	1.16	18.75	1.18	20.02	1.20	21.02	1.22
		75	15.65	1.14	16.65	1.18	17.64	1.23	18.36	1.24	19.63	1.27	20.62	1.29
		80	15.27	1.20	16.26	1.24	17.25	1.29	17.97	1.31	19.23	1.33	20.22	1.36
		85	14.88	1.26	15.87	1.31	16.86	1.35	17.58	1.37	18.84	1.39	19.83	1.42
		90	14.50	1.32	15.49	1.37	16.47	1.42	17.19	1.43	18.45	1.46	19.43	1.49
		95	14.09	1.38	15.07	1.43	16.05	1.48	16.50	1.50	18.01	1.52	18.99	1.55
		100	13.74	1.44	14.73	1.49	15.71	1.54	16.29	1.56	17.67	1.59	18.65	1.62
		105	13.40	1.49	14.38	1.55	15.36	1.60	16.07	1.62	17.33	1.65	18.31	1.69
		110	13.06	1.55	14.04	1.61	15.02	1.67	15.73	1.69	16.98	1.72	17.96	1.75
		115	12.71	1.61	13.70	1.67	14.68	1.73	15.39	1.75	16.64	1.78	17.62	1.82
		118	12.51	1.65	13.49	1.71	14.47	1.77	15.18	1.79	16.43	1.82	17.42	1.86
		122	12.44	1.69	13.42	1.75	14.40	1.82	15.11	1.84	16.37	1.87	17.35	1.91
	9 + 12	-4	18.05	0.98	19.17	1.02	20.29	1.06	21.10	1.07	22.53	1.09	23.65	1.11
		0	18.04	1.00	19.16	1.03	20.28	1.07	21.09	1.08	22.52	1.10	23.64	1.12
		5	18.02	1.01	19.14	1.05	20.26	1.09	21.07	1.10	22.50	1.12	23.62	1.14
		10	18.01	1.03	19.13	1.06	20.24	1.10	21.05	1.12	22.48	1.14	23.60	1.16
		14	17.99	1.04	19.11	1.08	20.23	1.12	21.04	1.13	22.46	1.15	23.58	1.18
		20	17.98	1.06	19.10	1.09	20.21	1.13	21.02	1.15	22.45	1.17	23.56	1.19
		25	17.97	1.07	19.08	1.11	20.20	1.15	21.00	1.16	22.43	1.19	23.55	1.21
		30	17.95	1.09	19.07	1.13	20.18	1.17	20.99	1.18	22.41	1.20	23.53	1.23
		35	17.94	1.10	19.05	1.14	20.17	1.18	20.97	1.20	22.40	1.22	23.51	1.24
		40	17.93	1.12	19.04	1.16	20.15	1.20	20.96	1.21	22.38	1.24	23.49	1.26
		45	17.91	1.13	19.02	1.17	20.14	1.22	20.94	1.23	22.36	1.25	23.47	1.28
		50	17.90	1.15	19.01	1.19	20.12	1.23	20.92	1.25	22.34	1.27	23.46	1.29
		55	17.88	1.16	19.00	1.20	20.11	1.25	20.91	1.26	22.33	1.29	23.44	1.31
		60	17.87	1.18	18.98	1.22	20.09	1.26	20.89	1.28	22.31	1.30	23.42	1.33
		65	17.86	1.19	18.97	1.23	20.08	1.28	20.88	1.29	22.29	1.32	23.40	1.34
		70	17.84	1.21	18.95	1.25	20.06	1.30	20.86	1.31	22.28	1.34	23.38	1.36
		75	17.41	1.27	18.52	1.32	19.62	1.37	20.42	1.38	21.84	1.41	22.94	1.44
		80	16.98	1.34	18.09	1.38	19.19	1.44	19.99	1.45	21.40	1.48	22.50	1.51
		85	16.56	1.40	17.66	1.45	18.76	1.51	19.55	1.52	20.96	1.55	22.06	1.58
		90	16.13	1.47	17.23	1.52	18.33	1.58	19.12	1.59	20.52	1.62	21.62	1.66
		95	15.67	1.53	16.76	1.59	17.86	1.65	18.36	1.66	20.04	1.70	21.13	1.73
		100	15.29	1.60	16.38	1.65	17.47	1.71	18.12	1.73	19.66	1.77	20.75	1.80
		105	14.91	1.66	16.00	1.72	17.09	1.78	17.88	1.81	19.28	1.84	20.37	1.88
		110	14.53	1.73	15.62	1.79	16.71	1.85	17.50	1.88	18.89	1.91	19.99	1.95
		115	14.15	1.79	15.24	1.86	16.33	1.92	17.12	1.95	18.51	1.98	19.60	2.02
		118	13.92	1.83	15.01	1.90	16.10	1.97	16.89	1.99	18.28	2.03	19.37	2.07
		122	13.84	1.88	14.93	1.95	16.02	2.02	16.81	2.05	18.21	2.08	19.30	2.13

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 70: KUMXA301A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	-4	20.09	1.10	21.34	1.14	22.59	1.18	23.49	1.19	25.08	1.21	26.33	1.24
		0	20.08	1.11	21.33	1.15	22.58	1.19	23.48	1.20	25.07	1.23	26.32	1.25
		5	20.07	1.13	21.31	1.17	22.56	1.21	23.46	1.22	25.05	1.25	26.30	1.27
		10	20.05	1.14	21.30	1.18	22.54	1.23	23.44	1.24	25.03	1.27	26.28	1.29
		14	20.04	1.16	21.28	1.20	22.52	1.25	23.42	1.26	25.01	1.28	26.26	1.31
		20	20.02	1.18	21.26	1.22	22.51	1.26	23.40	1.28	24.99	1.30	26.24	1.33
		25	20.00	1.19	21.25	1.24	22.49	1.28	23.39	1.30	24.97	1.32	26.22	1.35
		30	19.99	1.21	21.23	1.25	22.47	1.30	23.37	1.31	24.96	1.34	26.20	1.37
		35	19.97	1.23	21.21	1.27	22.46	1.32	23.35	1.33	24.94	1.36	26.18	1.38
		40	19.96	1.24	21.20	1.29	22.44	1.34	23.33	1.35	24.92	1.38	26.16	1.40
		45	19.94	1.26	21.18	1.31	22.42	1.35	23.32	1.37	24.90	1.39	26.14	1.42
		50	19.93	1.28	21.17	1.32	22.40	1.37	23.30	1.39	24.88	1.41	26.12	1.44
		55	19.91	1.29	21.15	1.34	22.39	1.39	23.28	1.41	24.86	1.43	26.10	1.46
		60	19.90	1.31	21.13	1.36	22.37	1.41	23.26	1.42	24.84	1.45	26.08	1.48
		65	19.88	1.33	21.12	1.37	22.35	1.42	23.24	1.44	24.82	1.47	26.06	1.50
		70	19.87	1.34	21.10	1.39	22.33	1.44	23.23	1.46	24.80	1.49	26.04	1.52
		75	19.39	1.42	20.62	1.47	21.85	1.52	22.74	1.54	24.31	1.57	25.54	1.60
		80	18.91	1.49	20.14	1.54	21.37	1.60	22.25	1.62	23.82	1.65	25.05	1.68
		85	18.44	1.56	19.66	1.62	20.89	1.68	21.77	1.70	23.34	1.73	24.56	1.76
		90	17.96	1.63	19.19	1.69	20.41	1.75	21.29	1.77	22.85	1.81	24.07	1.84
		95	17.45	1.71	18.66	1.77	19.88	1.83	20.44	1.85	22.31	1.89	23.53	1.93
		100	17.02	1.78	18.24	1.84	19.46	1.91	20.17	1.93	21.89	1.97	23.10	2.01
		105	16.60	1.85	17.81	1.92	19.03	1.99	19.91	2.01	21.46	2.05	22.68	2.09
		110	16.17	1.92	17.39	1.99	18.61	2.07	19.48	2.09	21.04	2.13	22.25	2.17
		115	15.75	1.99	16.97	2.07	18.18	2.14	19.06	2.17	20.61	2.21	21.83	2.25
		118	15.49	2.04	16.71	2.11	17.93	2.19	18.80	2.22	20.36	2.26	21.57	2.30
		122	15.41	2.10	16.63	2.17	17.84	2.25	18.72	2.28	20.27	2.32	21.49	2.37
	9 + 18	-4	22.14	1.21	23.51	1.25	24.89	1.30	25.88	1.31	27.64	1.34	29.01	1.36
		0	22.13	1.22	23.50	1.27	24.88	1.31	25.87	1.33	27.62	1.35	29.00	1.38
		5	22.11	1.24	23.48	1.29	24.86	1.33	25.85	1.35	27.60	1.37	28.97	1.40
		10	22.09	1.26	23.46	1.31	24.84	1.35	25.83	1.37	27.58	1.39	28.95	1.42
		14	22.08	1.28	23.45	1.32	24.82	1.37	25.81	1.39	27.56	1.41	28.93	1.44
		20	22.06	1.30	23.43	1.34	24.80	1.39	25.79	1.41	27.54	1.44	28.91	1.46
		25	22.04	1.31	23.41	1.36	24.78	1.41	25.77	1.43	27.52	1.46	28.89	1.48
		30	22.02	1.33	23.39	1.38	24.76	1.43	25.75	1.45	27.50	1.48	28.86	1.51
		35	22.01	1.35	23.37	1.40	24.74	1.45	25.73	1.47	27.48	1.50	28.84	1.53
		40	21.99	1.37	23.36	1.42	24.72	1.47	25.71	1.49	27.45	1.52	28.82	1.55
		45	21.97	1.39	23.34	1.44	24.70	1.49	25.69	1.51	27.43	1.54	28.80	1.57
		50	21.96	1.41	23.32	1.46	24.68	1.51	25.67	1.53	27.41	1.56	28.78	1.59
		55	21.94	1.42	23.30	1.48	24.67	1.53	25.65	1.55	27.39	1.58	28.75	1.61
		60	21.92	1.44	23.29	1.50	24.65	1.55	25.63	1.57	27.37	1.60	28.73	1.63
		65	21.91	1.46	23.27	1.51	24.63	1.57	25.61	1.59	27.35	1.62	28.71	1.65
		70	21.89	1.48	23.25	1.53	24.61	1.59	25.59	1.61	27.33	1.64	28.69	1.67
		75	21.36	1.56	22.72	1.62	24.08	1.68	25.06	1.69	26.79	1.73	28.14	1.76
		80	20.84	1.64	22.19	1.70	23.54	1.76	24.52	1.78	26.25	1.82	27.60	1.85
		85	20.31	1.72	21.66	1.78	23.01	1.85	23.99	1.87	25.71	1.90	27.06	1.94
		90	19.79	1.80	21.14	1.86	22.48	1.93	23.46	1.96	25.18	1.99	26.52	2.03
		95	19.23	1.88	20.57	1.95	21.90	2.02	22.52	2.04	24.58	2.08	25.92	2.12
		100	18.76	1.96	20.10	2.03	21.44	2.10	22.23	2.13	24.12	2.17	25.45	2.21
		105	18.29	2.04	19.63	2.11	20.97	2.19	21.94	2.22	23.65	2.26	24.99	2.30
		110	17.82	2.12	19.16	2.20	20.50	2.28	21.47	2.30	23.18	2.35	24.52	2.39
		115	17.35	2.20	18.69	2.28	20.03	2.36	21.00	2.39	22.71	2.43	24.05	2.48
		118	17.07	2.25	18.41	2.33	19.75	2.41	20.72	2.44	22.43	2.49	23.77	2.54
		122	16.98	2.31	18.32	2.39	19.66	2.48	20.62	2.51	22.34	2.56	23.68	2.61

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 71: KUMXA301A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 18	-4	24.19	1.32	25.69	1.37	27.19	1.42	28.27	1.43	30.19	1.46	31.70	1.49
		0	24.17	1.33	25.67	1.38	27.17	1.43	28.26	1.45	30.18	1.48	31.68	1.51
		5	24.15	1.36	25.65	1.40	27.15	1.46	28.24	1.47	30.15	1.50	31.65	1.53
		10	24.13	1.38	25.63	1.43	27.13	1.48	28.21	1.49	30.13	1.52	31.63	1.55
		14	24.12	1.40	25.61	1.45	27.11	1.50	28.19	1.52	30.11	1.54	31.60	1.58
		20	24.10	1.42	25.59	1.47	27.09	1.52	28.17	1.54	30.08	1.57	31.58	1.60
		25	24.08	1.44	25.57	1.49	27.07	1.54	28.15	1.56	30.06	1.59	31.56	1.62
		30	24.06	1.46	25.55	1.51	27.05	1.56	28.13	1.58	30.04	1.61	31.53	1.64
		35	24.04	1.48	25.53	1.53	27.03	1.59	28.11	1.60	30.01	1.63	31.51	1.67
		40	24.02	1.50	25.52	1.55	27.01	1.61	28.08	1.63	29.99	1.66	31.48	1.69
		45	24.00	1.52	25.50	1.57	26.99	1.63	28.06	1.65	29.97	1.68	31.46	1.71
		50	23.99	1.54	25.48	1.59	26.97	1.65	28.04	1.67	29.95	1.70	31.43	1.73
		55	23.97	1.56	25.46	1.61	26.95	1.67	28.02	1.69	29.92	1.72	31.41	1.76
		60	23.95	1.58	25.44	1.63	26.92	1.69	28.00	1.71	29.90	1.74	31.39	1.78
		65	23.93	1.60	25.42	1.65	26.90	1.71	27.98	1.73	29.88	1.77	31.36	1.80
		70	23.91	1.62	25.40	1.68	26.88	1.74	27.96	1.76	29.85	1.79	31.34	1.83
		75	23.84	1.70	24.82	1.77	26.30	1.83	27.37	1.85	29.26	1.89	30.74	1.92
		80	22.76	1.79	24.24	1.86	25.72	1.92	26.78	1.95	28.67	1.98	30.15	2.02
		85	22.19	1.88	23.67	1.95	25.14	2.02	26.20	2.04	28.09	2.08	29.56	2.12
		90	21.62	1.96	23.09	2.04	24.56	2.11	25.62	2.14	27.50	2.18	28.97	2.22
		95	21.00	2.05	22.47	2.13	23.93	2.20	24.60	2.23	26.86	2.27	28.32	2.32
		100	20.49	2.14	21.95	2.22	23.42	2.30	24.28	2.32	26.34	2.37	27.81	2.42
		105	19.98	2.23	21.44	2.31	22.91	2.39	23.96	2.42	25.83	2.46	27.30	2.51
		110	19.47	2.31	20.93	2.40	22.39	2.49	23.45	2.51	25.32	2.56	26.78	2.61
		115	18.96	2.40	20.42	2.49	21.88	2.58	22.94	2.61	24.81	2.66	26.27	2.71
		118	18.65	2.45	20.11	2.54	21.58	2.64	22.63	2.67	24.50	2.72	25.97	2.77
		122	18.55	2.52	20.01	2.61	21.47	2.71	22.53	2.74	24.40	2.79	25.86	2.85
	18* + 18*	-4	24.19	1.32	25.69	1.37	27.19	1.42	28.27	1.43	30.19	1.46	31.70	1.49
		0	24.17	1.33	25.67	1.38	27.17	1.43	28.26	1.45	30.18	1.48	31.68	1.51
		5	24.15	1.36	25.65	1.40	27.15	1.46	28.24	1.47	30.15	1.50	31.65	1.53
		10	24.13	1.38	25.63	1.43	27.13	1.48	28.21	1.49	30.13	1.52	31.63	1.55
		14	24.12	1.40	25.61	1.45	27.11	1.50	28.19	1.52	30.11	1.54	31.60	1.58
		20	24.10	1.42	25.59	1.47	27.09	1.52	28.17	1.54	30.08	1.57	31.58	1.60
		25	24.08	1.44	25.57	1.49	27.07	1.54	28.15	1.56	30.06	1.59	31.56	1.62
		30	24.06	1.46	25.55	1.51	27.05	1.56	28.13	1.58	30.04	1.61	31.53	1.64
		35	24.04	1.48	25.53	1.53	27.03	1.59	28.11	1.60	30.01	1.63	31.51	1.67
		40	24.02	1.50	25.52	1.55	27.01	1.61	28.08	1.63	29.99	1.66	31.48	1.69
		45	24.00	1.52	25.50	1.57	26.99	1.63	28.06	1.65	29.97	1.68	31.46	1.71
		50	23.99	1.54	25.48	1.59	26.97	1.65	28.04	1.67	29.95	1.70	31.43	1.73
		55	23.97	1.56	25.46	1.61	26.95	1.67	28.02	1.69	29.92	1.72	31.41	1.76
		60	23.95	1.58	25.44	1.63	26.92	1.69	28.00	1.71	29.90	1.74	31.39	1.78
		65	23.93	1.60	25.42	1.65	26.90	1.71	27.98	1.73	29.88	1.77	31.36	1.80
		70	23.91	1.62	25.40	1.68	26.88	1.74	27.96	1.76	29.85	1.79	31.34	1.83
		75	23.84	1.70	24.82	1.77	26.30	1.83	27.37	1.85	29.26	1.89	30.74	1.92
		80	22.76	1.79	24.24	1.86	25.72	1.92	26.78	1.95	28.67	1.98	30.15	2.02
		85	22.19	1.88	23.67	1.95	25.14	2.02	26.20	2.04	28.09	2.08	29.56	2.12
		90	21.62	1.96	23.09	2.04	24.56	2.11	25.62	2.14	27.50	2.18	28.97	2.22
		95	21.00	2.05	22.47	2.13	23.93	2.20	24.60	2.23	26.86	2.27	28.32	2.32
		100	20.49	2.14	21.95	2.22	23.42	2.30	24.28	2.32	26.34	2.37	27.81	2.42
		105	19.98	2.23	21.44	2.31	22.91	2.39	23.96	2.42	25.83	2.46	27.30	2.51
		110	19.47	2.31	20.93	2.40	22.39	2.49	23.45	2.51	25.32	2.56	26.78	2.61
		115	18.96	2.40	20.42	2.49	21.88	2.58	22.94	2.61	24.81	2.66	26.27	2.71
		118	18.65	2.45	20.11	2.54	21.58	2.64	22.63	2.67	24.50	2.72	25.97	2.77
		122	18.55	2.52	20.01	2.61	21.47	2.71	22.53	2.74	24.40	2.79	25.86	2.85

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

MULTI F WITH LGRED°
MULTI F MAX

Cooling Capacity Tables

Table 72: KUMXA301A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 9	-4	21.63	1.12	22.97	1.16	24.32	1.20	25.29	1.21	27.00	1.23	28.35	1.26
		0	21.62	1.13	22.96	1.17	24.30	1.21	25.27	1.23	26.99	1.25	28.33	1.27
		5	21.60	1.15	22.94	1.19	24.28	1.23	25.25	1.25	26.97	1.27	28.31	1.29
		10	21.58	1.16	22.92	1.21	24.26	1.25	25.23	1.26	26.94	1.29	28.29	1.31
		14	21.57	1.18	22.91	1.22	24.25	1.27	25.21	1.28	26.92	1.31	28.26	1.33
		20	21.55	1.20	22.89	1.24	24.23	1.29	25.19	1.30	26.90	1.32	28.24	1.35
		25	21.53	1.21	22.87	1.26	24.21	1.30	25.17	1.32	26.88	1.34	28.22	1.37
		30	21.52	1.23	22.85	1.28	24.19	1.32	25.15	1.34	26.86	1.36	28.20	1.39
		35	21.50	1.25	22.84	1.29	24.17	1.34	25.14	1.36	26.84	1.38	28.18	1.41
		40	21.48	1.26	22.82	1.31	24.15	1.36	25.12	1.37	26.82	1.40	28.16	1.43
		45	21.47	1.28	22.80	1.33	24.13	1.38	25.10	1.39	26.80	1.42	28.13	1.45
		50	21.45	1.30	22.78	1.35	24.12	1.39	25.08	1.41	26.78	1.44	28.11	1.47
		55	21.43	1.32	22.77	1.36	24.10	1.41	25.06	1.43	26.76	1.46	28.09	1.49
		60	21.42	1.33	22.75	1.38	24.08	1.43	25.04	1.45	26.74	1.47	28.07	1.50
		65	21.40	1.35	22.73	1.40	24.06	1.45	25.02	1.47	26.72	1.49	28.05	1.52
		70	21.39	1.37	22.71	1.42	24.04	1.47	25.00	1.48	26.70	1.51	28.03	1.54
		75	20.87	1.44	22.20	1.49	23.52	1.55	24.48	1.56	26.17	1.59	27.50	1.63
		80	20.36	1.51	21.68	1.57	23.00	1.63	23.95	1.64	25.64	1.68	26.96	1.71
		85	19.85	1.59	21.16	1.65	22.48	1.71	23.44	1.72	25.12	1.76	26.44	1.79
		90	19.34	1.66	20.65	1.72	21.97	1.78	22.92	1.80	24.60	1.84	25.91	1.88
		95	18.78	1.73	20.09	1.80	21.40	1.86	22.00	1.89	24.02	1.92	25.33	1.96
		100	18.33	1.81	19.63	1.87	20.94	1.94	21.71	1.97	23.56	2.00	24.87	2.04
		105	17.87	1.88	19.18	1.95	20.48	2.02	21.43	2.05	23.10	2.08	24.41	2.13
		110	17.41	1.96	18.72	2.03	20.03	2.10	20.97	2.13	22.64	2.17	23.95	2.21
		115	16.95	2.03	18.26	2.10	19.57	2.18	20.52	2.21	22.19	2.25	23.50	2.29
		118	16.68	2.07	17.99	2.15	19.30	2.23	20.24	2.25	21.91	2.30	23.22	2.34
		122	16.59	2.13	17.90	2.21	19.20	2.29	20.15	2.32	21.82	2.36	23.13	2.41
	9 + 9 + 12	-4	24.19	1.25	25.69	1.29	27.19	1.34	28.27	1.36	30.19	1.38	31.70	1.41
		0	24.17	1.26	25.67	1.31	27.17	1.36	28.26	1.37	30.18	1.40	31.68	1.43
		5	24.15	1.28	25.65	1.33	27.15	1.38	28.24	1.39	30.15	1.42	31.65	1.45
		10	24.13	1.30	25.63	1.35	27.13	1.40	28.21	1.41	30.13	1.44	31.63	1.47
		14	24.12	1.32	25.61	1.37	27.11	1.42	28.19	1.43	30.11	1.46	31.60	1.49
		20	24.10	1.34	25.59	1.39	27.09	1.44	28.17	1.46	30.08	1.48	31.58	1.51
		25	24.08	1.36	25.57	1.41	27.07	1.46	28.15	1.48	30.06	1.50	31.56	1.53
		30	24.06	1.38	25.55	1.43	27.05	1.48	28.13	1.50	30.04	1.52	31.53	1.56
		35	24.04	1.40	25.53	1.45	27.03	1.50	28.11	1.52	30.01	1.55	31.51	1.58
		40	24.02	1.42	25.52	1.47	27.01	1.52	28.08	1.54	29.99	1.57	31.48	1.60
		45	24.00	1.43	25.50	1.49	26.99	1.54	28.06	1.56	29.97	1.59	31.46	1.62
		50	23.99	1.45	25.48	1.51	26.97	1.56	28.04	1.58	29.95	1.61	31.43	1.64
		55	23.97	1.47	25.46	1.53	26.95	1.58	28.02	1.60	29.92	1.63	31.41	1.66
		60	23.95	1.49	25.44	1.55	26.92	1.60	28.00	1.62	29.90	1.65	31.39	1.68
		65	23.93	1.51	25.42	1.57	26.90	1.62	27.98	1.64	29.88	1.67	31.36	1.71
		70	23.91	1.53	25.40	1.58	26.88	1.64	27.96	1.66	29.85	1.69	31.34	1.73
		75	23.34	1.61	24.82	1.67	26.30	1.73	27.37	1.75	29.26	1.78	30.74	1.82
		80	22.76	1.69	24.24	1.76	25.72	1.82	26.78	1.84	28.67	1.88	30.15	1.91
		85	22.19	1.78	23.67	1.84	25.14	1.91	26.20	1.93	28.09	1.97	29.56	2.01
		90	21.62	1.86	23.09	1.93	24.56	2.00	25.62	2.02	27.50	2.06	28.97	2.10
		95	21.00	1.94	22.47	2.01	23.93	2.09	24.60	2.11	26.86	2.15	28.32	2.19
		100	20.49	2.02	21.95	2.10	23.42	2.17	24.28	2.20	26.34	2.24	27.81	2.29
		105	19.98	2.11	21.44	2.18	22.91	2.26	23.96	2.29	25.83	2.33	27.30	2.38
		110	19.47	2.19	20.93	2.27	22.39	2.35	23.45	2.38	25.32	2.42	26.78	2.47
		115	18.96	2.27	20.42	2.35	21.88	2.44	22.94	2.47	24.81	2.51	26.27	2.57
		118	18.65	2.32	20.11	2.41	21.58	2.49	22.63	2.52	24.50	2.57	25.97	2.62
		122	18.55	2.39	20.01	2.47	21.47	2.56	22.53	2.59	24.40	2.64	25.86	2.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 73: KUMXA301A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 12 + 12*	-4	24.19	1.25	25.69	1.29	27.19	1.34	28.27	1.36	30.19	1.38	31.70	1.41
		0	24.17	1.26	25.67	1.31	27.17	1.36	28.26	1.37	30.18	1.40	31.68	1.43
		5	24.15	1.28	25.65	1.33	27.15	1.38	28.24	1.39	30.15	1.42	31.65	1.45
		10	24.13	1.30	25.63	1.35	27.13	1.40	28.21	1.41	30.13	1.44	31.63	1.47
		14	24.12	1.32	25.61	1.37	27.11	1.42	28.19	1.43	30.11	1.46	31.60	1.49
		20	24.10	1.34	25.59	1.39	27.09	1.44	28.17	1.46	30.08	1.48	31.58	1.51
		25	24.08	1.36	25.57	1.41	27.07	1.46	28.15	1.48	30.06	1.50	31.56	1.53
		30	24.06	1.38	25.55	1.43	27.05	1.48	28.13	1.50	30.04	1.52	31.53	1.56
		35	24.04	1.40	25.53	1.45	27.03	1.50	28.11	1.52	30.01	1.55	31.51	1.58
		40	24.02	1.42	25.52	1.47	27.01	1.52	28.08	1.54	29.99	1.57	31.48	1.60
		45	24.00	1.43	25.50	1.49	26.99	1.54	28.06	1.56	29.97	1.59	31.46	1.62
		50	23.99	1.45	25.48	1.51	26.97	1.56	28.04	1.58	29.95	1.61	31.43	1.64
		55	23.97	1.47	25.46	1.53	26.95	1.58	28.02	1.60	29.92	1.63	31.41	1.66
		60	23.95	1.49	25.44	1.55	26.92	1.60	28.00	1.62	29.90	1.65	31.39	1.68
		65	23.93	1.51	25.42	1.57	26.90	1.62	27.98	1.64	29.88	1.67	31.36	1.71
		70	23.91	1.53	25.40	1.58	26.88	1.64	27.96	1.66	29.85	1.69	31.34	1.73
		75	23.84	1.61	24.82	1.67	26.30	1.73	27.37	1.75	29.26	1.78	30.74	1.82
		80	22.76	1.69	24.24	1.76	25.72	1.82	26.78	1.84	28.67	1.88	30.15	1.91
		85	22.19	1.78	23.67	1.84	25.14	1.91	26.20	1.93	28.09	1.97	29.56	2.01
		90	21.62	1.86	23.09	1.93	24.56	2.00	25.62	2.02	27.50	2.06	28.97	2.10
		95	21.00	1.94	22.47	2.01	23.93	2.09	24.60	2.11	26.86	2.15	28.32	2.19
		100	20.49	2.02	21.95	2.10	23.42	2.17	24.28	2.20	26.34	2.24	27.81	2.29
		105	19.98	2.11	21.44	2.18	22.91	2.26	23.96	2.29	25.83	2.33	27.30	2.38
		110	19.47	2.19	20.93	2.27	22.39	2.35	23.45	2.38	25.32	2.42	26.78	2.47
		115	18.96	2.27	20.42	2.35	21.88	2.44	22.94	2.47	24.81	2.51	26.27	2.57
		118	18.65	2.32	20.11	2.41	21.58	2.49	22.63	2.52	24.50	2.57	25.97	2.62
		122	18.55	2.39	20.01	2.47	21.47	2.56	22.53	2.59	24.40	2.64	25.86	2.70
	12* + 12* + 12*	-4	24.19	1.25	25.69	1.29	27.19	1.34	28.27	1.36	30.19	1.38	31.70	1.41
		0	24.17	1.26	25.67	1.31	27.17	1.36	28.26	1.37	30.18	1.40	31.68	1.43
		5	24.15	1.28	25.65	1.33	27.15	1.38	28.24	1.39	30.15	1.42	31.65	1.45
		10	24.13	1.30	25.63	1.35	27.13	1.40	28.21	1.41	30.13	1.44	31.63	1.47
		14	24.12	1.32	25.61	1.37	27.11	1.42	28.19	1.43	30.11	1.46	31.60	1.49
		20	24.10	1.34	25.59	1.39	27.09	1.44	28.17	1.46	30.08	1.48	31.58	1.51
		25	24.08	1.36	25.57	1.41	27.07	1.46	28.15	1.48	30.06	1.50	31.56	1.53
		30	24.06	1.38	25.55	1.43	27.05	1.48	28.13	1.50	30.04	1.52	31.53	1.56
		35	24.04	1.40	25.53	1.45	27.03	1.50	28.11	1.52	30.01	1.55	31.51	1.58
		40	24.02	1.42	25.52	1.47	27.01	1.52	28.08	1.54	29.99	1.57	31.48	1.60
		45	24.00	1.43	25.50	1.49	26.99	1.54	28.06	1.56	29.97	1.59	31.46	1.62
		50	23.99	1.45	25.48	1.51	26.97	1.56	28.04	1.58	29.95	1.61	31.43	1.64
		55	23.97	1.47	25.46	1.53	26.95	1.58	28.02	1.60	29.92	1.63	31.41	1.66
		60	23.95	1.49	25.44	1.55	26.92	1.60	28.00	1.62	29.90	1.65	31.39	1.68
		65	23.93	1.51	25.42	1.57	26.90	1.62	27.98	1.64	29.88	1.67	31.36	1.71
		70	23.91	1.53	25.40	1.58	26.88	1.64	27.96	1.66	29.85	1.69	31.34	1.73
		75	23.84	1.61	24.82	1.67	26.30	1.73	27.37	1.75	29.26	1.78	30.74	1.82
		80	22.76	1.69	24.24	1.76	25.72	1.82	26.78	1.84	28.67	1.88	30.15	1.91
		85	22.19	1.78	23.67	1.84	25.14	1.91	26.20	1.93	28.09	1.97	29.56	2.01
		90	21.62	1.86	23.09	1.93	24.56	2.00	25.62	2.02	27.50	2.06	28.97	2.10
		95	21.00	1.94	22.47	2.01	23.93	2.09	24.60	2.11	26.86	2.15	28.32	2.19
		100	20.49	2.02	21.95	2.10	23.42	2.17	24.28	2.20	26.34	2.24	27.81	2.29
		105	19.98	2.11	21.44	2.18	22.91	2.26	23.96	2.29	25.83	2.33	27.30	2.38
		110	19.47	2.19	20.93	2.27	22.39	2.35	23.45	2.38	25.32	2.42	26.78	2.47
		115	18.96	2.27	20.42	2.35	21.88	2.44	22.94	2.47	24.81	2.51	26.27	2.57
		118	18.65	2.32	20.11	2.41	21.58	2.49	22.63	2.52	24.50	2.57	25.97	2.62
		122	18.55	2.39	20.01	2.47	21.47	2.56	22.53	2.59	24.40	2.64	25.86	2.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 74: KUMXA301A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9* + 18*	-4	24.19	1.25	25.69	1.29	27.19	1.34	28.27	1.36	30.19	1.38	31.70	1.41
		0	24.17	1.26	25.67	1.31	27.17	1.36	28.26	1.37	30.18	1.40	31.68	1.43
		5	24.15	1.28	25.65	1.33	27.15	1.38	28.24	1.39	30.15	1.42	31.65	1.45
		10	24.13	1.30	25.63	1.35	27.13	1.40	28.21	1.41	30.13	1.44	31.63	1.47
		14	24.12	1.32	25.61	1.37	27.11	1.42	28.19	1.43	30.11	1.46	31.60	1.49
		20	24.10	1.34	25.59	1.39	27.09	1.44	28.17	1.46	30.08	1.48	31.58	1.51
		25	24.08	1.36	25.57	1.41	27.07	1.46	28.15	1.48	30.06	1.50	31.56	1.53
		30	24.06	1.38	25.55	1.43	27.05	1.48	28.13	1.50	30.04	1.52	31.53	1.56
		35	24.04	1.40	25.53	1.45	27.03	1.50	28.11	1.52	30.01	1.55	31.51	1.58
		40	24.02	1.42	25.52	1.47	27.01	1.52	28.08	1.54	29.99	1.57	31.48	1.60
		45	24.00	1.43	25.50	1.49	26.99	1.54	28.06	1.56	29.97	1.59	31.46	1.62
		50	23.99	1.45	25.48	1.51	26.97	1.56	28.04	1.58	29.95	1.61	31.43	1.64
		55	23.97	1.47	25.46	1.53	26.95	1.58	28.02	1.60	29.92	1.63	31.41	1.66
		60	23.95	1.49	25.44	1.55	26.92	1.60	28.00	1.62	29.90	1.65	31.39	1.68
		65	23.93	1.51	25.42	1.57	26.90	1.62	27.98	1.64	29.88	1.67	31.36	1.71
		70	23.91	1.53	25.40	1.58	26.88	1.64	27.96	1.66	29.85	1.69	31.34	1.73
		75	23.84	1.61	24.82	1.67	26.30	1.73	27.37	1.75	29.26	1.78	30.74	1.82
		80	22.76	1.69	24.24	1.76	25.72	1.82	26.78	1.84	28.67	1.88	30.15	1.91
		85	22.19	1.78	23.67	1.84	25.14	1.91	26.20	1.93	28.09	1.97	29.56	2.01
		90	21.62	1.86	23.09	1.93	24.56	2.00	25.62	2.02	27.50	2.06	28.97	2.10
		95	21.00	1.94	22.47	2.01	23.93	2.09	24.60	2.11	26.86	2.15	28.32	2.19
		100	20.49	2.02	21.95	2.10	23.42	2.17	24.28	2.20	26.34	2.24	27.81	2.29
		105	19.98	2.11	21.44	2.18	22.91	2.26	23.96	2.29	25.83	2.33	27.30	2.38
		110	19.47	2.19	20.93	2.27	22.39	2.35	23.45	2.38	25.32	2.42	26.78	2.47
		115	18.96	2.27	20.42	2.35	21.88	2.44	22.94	2.47	24.81	2.51	26.27	2.57
		118	18.65	2.32	20.11	2.41	21.58	2.49	22.63	2.52	24.50	2.57	25.97	2.62
		122	18.55	2.39	20.01	2.47	21.47	2.56	22.53	2.59	24.40	2.64	25.86	2.70
	9* + 12* + 18*	-4	24.19	1.25	25.69	1.29	27.19	1.34	28.27	1.36	30.19	1.38	31.70	1.41
		0	24.17	1.26	25.67	1.31	27.17	1.36	28.26	1.37	30.18	1.40	31.68	1.43
		5	24.15	1.28	25.65	1.33	27.15	1.38	28.24	1.39	30.15	1.42	31.65	1.45
		10	24.13	1.30	25.63	1.35	27.13	1.40	28.21	1.41	30.13	1.44	31.63	1.47
		14	24.12	1.32	25.61	1.37	27.11	1.42	28.19	1.43	30.11	1.46	31.60	1.49
		20	24.10	1.34	25.59	1.39	27.09	1.44	28.17	1.46	30.08	1.48	31.58	1.51
		25	24.08	1.36	25.57	1.41	27.07	1.46	28.15	1.48	30.06	1.50	31.56	1.53
		30	24.06	1.38	25.55	1.43	27.05	1.48	28.13	1.50	30.04	1.52	31.53	1.56
		35	24.04	1.40	25.53	1.45	27.03	1.50	28.11	1.52	30.01	1.55	31.51	1.58
		40	24.02	1.42	25.52	1.47	27.01	1.52	28.08	1.54	29.99	1.57	31.48	1.60
		45	24.00	1.43	25.50	1.49	26.99	1.54	28.06	1.56	29.97	1.59	31.46	1.62
		50	23.99	1.45	25.48	1.51	26.97	1.56	28.04	1.58	29.95	1.61	31.43	1.64
		55	23.97	1.47	25.46	1.53	26.95	1.58	28.02	1.60	29.92	1.63	31.41	1.66
		60	23.95	1.49	25.44	1.55	26.92	1.60	28.00	1.62	29.90	1.65	31.39	1.68
		65	23.93	1.51	25.42	1.57	26.90	1.62	27.98	1.64	29.88	1.67	31.36	1.71
		70	23.91	1.53	25.40	1.58	26.88	1.64	27.96	1.66	29.85	1.69	31.34	1.73
		75	23.84	1.61	24.82	1.67	26.30	1.73	27.37	1.75	29.26	1.78	30.74	1.82
		80	22.76	1.69	24.24	1.76	25.72	1.82	26.78	1.84	28.67	1.88	30.15	1.91
		85	22.19	1.78	23.67	1.84	25.14	1.91	26.20	1.93	28.09	1.97	29.56	2.01
		90	21.62	1.86	23.09	1.93	24.56	2.00	25.62	2.02	27.50	2.06	28.97	2.10
		95	21.00	1.94	22.47	2.01	23.93	2.09	24.60	2.11	26.86	2.15	28.32	2.19
		100	20.49	2.02	21.95	2.10	23.42	2.17	24.28	2.20	26.34	2.24	27.81	2.29
		105	19.98	2.11	21.44	2.18	22.91	2.26	23.96	2.29	25.83	2.33	27.30	2.38
		110	19.47	2.19	20.93	2.27	22.39	2.35	23.45	2.38	25.32	2.42	26.78	2.47
		115	18.96	2.27	20.42	2.35	21.88	2.44	22.94	2.47	24.81	2.51	26.27	2.57
		118	18.65	2.32	20.11	2.41	21.58	2.49	22.63	2.52	24.50	2.57	25.97	2.62
		122	18.55	2.39	20.01	2.47	21.47	2.56	22.53	2.59	24.40	2.64	25.86	2.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 75: KUMXA301A Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 9* + 9* + 9*	-4	24.19	1.25	25.69	1.29	27.19	1.34	28.27	1.36	30.19	1.38	31.70	1.41
		0	24.17	1.26	25.67	1.31	27.17	1.36	28.26	1.37	30.18	1.40	31.68	1.43
		5	24.15	1.28	25.65	1.33	27.15	1.38	28.24	1.39	30.15	1.42	31.65	1.45
		10	24.13	1.30	25.63	1.35	27.13	1.40	28.21	1.41	30.13	1.44	31.63	1.47
		14	24.12	1.32	25.61	1.37	27.11	1.42	28.19	1.43	30.11	1.46	31.60	1.49
		20	24.10	1.34	25.59	1.39	27.09	1.44	28.17	1.46	30.08	1.48	31.58	1.51
		25	24.08	1.36	25.57	1.41	27.07	1.46	28.15	1.48	30.06	1.50	31.56	1.53
		30	24.06	1.38	25.55	1.43	27.05	1.48	28.13	1.50	30.04	1.52	31.53	1.56
		35	24.04	1.40	25.53	1.45	27.03	1.50	28.11	1.52	30.01	1.55	31.51	1.58
		40	24.02	1.42	25.52	1.47	27.01	1.52	28.08	1.54	29.99	1.57	31.48	1.60
		45	24.00	1.43	25.50	1.49	26.99	1.54	28.06	1.56	29.97	1.59	31.46	1.62
		50	23.99	1.45	25.48	1.51	26.97	1.56	28.04	1.58	29.95	1.61	31.43	1.64
		55	23.97	1.47	25.46	1.53	26.95	1.58	28.02	1.60	29.92	1.63	31.41	1.66
		60	23.95	1.49	25.44	1.55	26.92	1.60	28.00	1.62	29.90	1.65	31.39	1.68
		65	23.93	1.51	25.42	1.57	26.90	1.62	27.98	1.64	29.88	1.67	31.36	1.71
		70	23.91	1.53	25.40	1.58	26.88	1.64	27.96	1.66	29.85	1.69	31.34	1.73
		75	23.84	1.61	24.82	1.67	26.30	1.73	27.37	1.75	29.26	1.78	30.74	1.82
		80	22.76	1.69	24.24	1.76	25.72	1.82	26.78	1.84	28.67	1.88	30.15	1.91
		85	22.19	1.78	23.67	1.84	25.14	1.91	26.20	1.93	28.09	1.97	29.56	2.01
		90	21.62	1.86	23.09	1.93	24.56	2.00	25.62	2.02	27.50	2.06	28.97	2.10
		95	21.00	1.94	22.47	2.01	23.93	2.09	24.60	2.11	26.86	2.15	28.32	2.19
		100	20.49	2.02	21.95	2.10	23.42	2.17	24.28	2.20	26.34	2.24	27.81	2.29
		105	19.98	2.11	21.44	2.18	22.91	2.26	23.96	2.29	25.83	2.33	27.30	2.38
		110	19.47	2.19	20.93	2.27	22.39	2.35	23.45	2.38	25.32	2.42	26.78	2.47
		115	18.96	2.27	20.42	2.35	21.88	2.44	22.94	2.47	24.81	2.51	26.27	2.57
		118	18.65	2.32	20.11	2.41	21.58	2.49	22.63	2.52	24.50	2.57	25.97	2.62
		122	18.55	2.39	20.01	2.47	21.47	2.56	22.53	2.59	24.40	2.64	25.86	2.70
	9* + 9* + 9* + 12*	-4	24.19	1.25	25.69	1.29	27.19	1.34	28.27	1.36	30.19	1.38	31.70	1.41
		0	24.17	1.26	25.67	1.31	27.17	1.36	28.26	1.37	30.18	1.40	31.68	1.43
		5	24.15	1.28	25.65	1.33	27.15	1.38	28.24	1.39	30.15	1.42	31.65	1.45
		10	24.13	1.30	25.63	1.35	27.13	1.40	28.21	1.41	30.13	1.44	31.63	1.47
		14	24.12	1.32	25.61	1.37	27.11	1.42	28.19	1.43	30.11	1.46	31.60	1.49
		20	24.10	1.34	25.59	1.39	27.09	1.44	28.17	1.46	30.08	1.48	31.58	1.51
		25	24.08	1.36	25.57	1.41	27.07	1.46	28.15	1.48	30.06	1.50	31.56	1.53
		30	24.06	1.38	25.55	1.43	27.05	1.48	28.13	1.50	30.04	1.52	31.53	1.56
		35	24.04	1.40	25.53	1.45	27.03	1.50	28.11	1.52	30.01	1.55	31.51	1.58
		40	24.02	1.42	25.52	1.47	27.01	1.52	28.08	1.54	29.99	1.57	31.48	1.60
		45	24.00	1.43	25.50	1.49	26.99	1.54	28.06	1.56	29.97	1.59	31.46	1.62
		50	23.99	1.45	25.48	1.51	26.97	1.56	28.04	1.58	29.95	1.61	31.43	1.64
		55	23.97	1.47	25.46	1.53	26.95	1.58	28.02	1.60	29.92	1.63	31.41	1.66
		60	23.95	1.49	25.44	1.55	26.92	1.60	28.00	1.62	29.90	1.65	31.39	1.68
		65	23.93	1.51	25.42	1.57	26.90	1.62	27.98	1.64	29.88	1.67	31.36	1.71
		70	23.91	1.53	25.40	1.58	26.88	1.64	27.96	1.66	29.85	1.69	31.34	1.73
		75	23.84	1.61	24.82	1.67	26.30	1.73	27.37	1.75	29.26	1.78	30.74	1.82
		80	22.76	1.69	24.24	1.76	25.72	1.82	26.78	1.84	28.67	1.88	30.15	1.91
		85	22.19	1.78	23.67	1.84	25.14	1.91	26.20	1.93	28.09	1.97	29.56	2.01
		90	21.62	1.86	23.09	1.93	24.56	2.00	25.62	2.02	27.50	2.06	28.97	2.10
		95	21.00	1.94	22.47	2.01	23.93	2.09	24.60	2.11	26.86	2.15	28.32	2.19
		100	20.49	2.02	21.95	2.10	23.42	2.17	24.28	2.20	26.34	2.24	27.81	2.29
		105	19.98	2.11	21.44	2.18	22.91	2.26	23.96	2.29	25.83	2.33	27.30	2.38
		110	19.47	2.19	20.93	2.27	22.39	2.35	23.45	2.38	25.32	2.42	26.78	2.47
		115	18.96	2.27	20.42	2.35	21.88	2.44	22.94	2.47	24.81	2.51	26.27	2.57
		118	18.65	2.32	20.11	2.41	21.58	2.49	22.63	2.52	24.50	2.57	25.97	2.62
		122	18.55	2.39	20.01	2.47	21.47	2.56	22.53	2.59	24.40	2.64	25.86	2.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 76: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 9	-4	15.48	0.84	16.45	0.88	17.41	0.91	18.10	0.92	19.33	0.94	20.29	0.95
		0	15.48	0.85	16.44	0.89	17.40	0.92	18.09	0.93	19.32	0.95	20.28	0.96
		5	15.46	0.87	16.42	0.90	17.38	0.93	18.08	0.94	19.30	0.96	20.26	0.98
		10	15.45	0.88	16.41	0.91	17.37	0.95	18.06	0.96	19.29	0.98	20.25	0.99
		14	15.44	0.89	16.40	0.93	17.36	0.96	18.05	0.97	19.28	0.99	20.23	1.01
		20	15.43	0.91	16.39	0.94	17.34	0.97	18.04	0.99	19.26	1.00	20.22	1.02
		25	15.42	0.92	16.37	0.95	17.33	0.99	18.02	1.00	19.25	1.02	20.20	1.04
		30	15.40	0.93	16.36	0.97	17.32	1.00	18.01	1.01	19.23	1.03	20.19	1.05
		35	15.39	0.95	16.35	0.98	17.30	1.02	17.99	1.03	19.22	1.05	20.17	1.07
		40	15.38	0.96	16.34	0.99	17.29	1.03	17.98	1.04	19.20	1.06	20.16	1.08
		45	15.37	0.97	16.32	1.01	17.28	1.04	17.97	1.05	19.19	1.07	20.14	1.10
		50	15.36	0.98	16.31	1.02	17.26	1.06	17.95	1.07	19.17	1.09	20.13	1.11
		55	15.35	1.00	16.30	1.03	17.25	1.07	17.94	1.08	19.16	1.10	20.11	1.13
		60	15.33	1.01	16.29	1.05	17.24	1.08	17.93	1.10	19.14	1.12	20.10	1.14
		65	15.32	1.02	16.27	1.06	17.23	1.10	17.91	1.11	19.13	1.13	20.08	1.15
		70	15.31	1.03	16.26	1.07	17.21	1.11	17.90	1.12	19.11	1.15	20.06	1.17
		75	14.94	1.09	15.89	1.13	16.84	1.17	17.52	1.19	18.74	1.21	19.68	1.23
		80	14.57	1.15	15.52	1.19	16.47	1.23	17.15	1.25	18.36	1.27	19.30	1.29
		85	14.21	1.20	15.15	1.25	16.10	1.29	16.78	1.31	17.98	1.33	18.93	1.36
		90	13.84	1.26	14.78	1.30	15.73	1.35	16.41	1.37	17.61	1.39	18.55	1.42
		95	13.45	1.31	14.38	1.36	15.32	1.41	15.75	1.43	17.19	1.45	18.13	1.48
		100	13.12	1.37	14.06	1.42	14.99	1.47	15.55	1.49	16.87	1.52	17.80	1.55
		105	12.79	1.43	13.73	1.48	14.67	1.53	15.34	1.55	16.54	1.58	17.48	1.61
		110	12.46	1.48	13.40	1.54	14.34	1.59	15.01	1.61	16.21	1.64	17.15	1.67
		115	12.14	1.54	13.07	1.59	14.01	1.65	14.69	1.67	15.88	1.70	16.82	1.74
		118	11.94	1.57	12.88	1.63	13.81	1.69	14.49	1.71	15.69	1.74	16.62	1.77
		122	11.87	1.62	12.81	1.67	13.75	1.74	14.43	1.76	15.62	1.79	16.56	1.82
	9 + 9	-4	16.96	0.92	18.01	0.95	19.07	0.99	19.83	1.00	21.17	1.02	22.23	1.04
		0	16.95	0.93	18.00	0.96	19.06	1.00	19.82	1.01	21.16	1.03	22.21	1.05
		5	16.94	0.95	17.99	0.98	19.04	1.02	19.80	1.03	21.14	1.05	22.19	1.07
		10	16.92	0.96	17.97	0.99	19.03	1.03	19.78	1.04	21.13	1.06	22.18	1.08
		14	16.91	0.97	17.96	1.01	19.01	1.05	19.77	1.06	21.11	1.08	22.16	1.10
		20	16.90	0.99	17.95	1.02	19.00	1.06	19.75	1.07	21.09	1.09	22.14	1.11
		25	16.88	1.00	17.93	1.04	18.98	1.08	19.74	1.09	21.08	1.11	22.13	1.13
		30	16.87	1.02	17.92	1.05	18.97	1.09	19.72	1.10	21.06	1.12	22.11	1.15
		35	16.86	1.03	17.91	1.07	18.95	1.11	19.71	1.12	21.05	1.14	22.09	1.16
		40	16.85	1.04	17.89	1.08	18.94	1.12	19.69	1.13	21.03	1.15	22.08	1.18
		45	16.83	1.06	17.88	1.10	18.92	1.14	19.68	1.15	21.01	1.17	22.06	1.19
		50	16.82	1.07	17.86	1.11	18.91	1.15	19.66	1.16	21.00	1.19	22.04	1.21
		55	16.81	1.08	17.85	1.12	18.89	1.17	19.65	1.18	20.98	1.20	22.03	1.23
		60	16.79	1.10	17.84	1.14	18.88	1.18	19.63	1.19	20.97	1.22	22.01	1.24
		65	16.78	1.11	17.82	1.15	18.87	1.20	19.62	1.21	20.95	1.23	21.99	1.26
		70	16.77	1.13	17.81	1.17	18.85	1.21	19.60	1.22	20.93	1.25	21.98	1.27
		75	16.36	1.19	17.40	1.23	18.44	1.28	19.19	1.29	20.52	1.31	21.56	1.34
		80	15.96	1.25	17.00	1.29	18.03	1.34	18.78	1.36	20.11	1.38	21.14	1.41
		85	15.56	1.31	16.59	1.36	17.63	1.41	18.38	1.42	19.70	1.45	20.73	1.48
		90	15.16	1.37	16.19	1.42	17.22	1.47	17.97	1.49	19.29	1.52	20.32	1.55
		95	14.73	1.43	15.75	1.48	16.78	1.54	17.25	1.56	18.83	1.58	19.86	1.62
		100	14.37	1.49	15.39	1.55	16.42	1.60	17.03	1.62	18.47	1.65	19.50	1.68
		105	14.01	1.55	15.04	1.61	16.06	1.67	16.80	1.69	18.11	1.72	19.14	1.75
		110	13.65	1.61	14.68	1.67	15.70	1.73	16.44	1.75	17.76	1.79	18.78	1.82
		115	13.29	1.67	14.32	1.74	15.34	1.80	16.09	1.82	17.40	1.85	18.42	1.89
		118	13.08	1.71	14.10	1.77	15.13	1.84	15.87	1.86	17.18	1.89	18.21	1.93
		122	13.01	1.76	14.03	1.82	15.06	1.89	15.80	1.91	17.11	1.95	18.14	1.99

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 77: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 12	-4	17.68	0.96	18.78	0.99	19.88	1.03	20.67	1.04	22.07	1.06	23.17	1.08
		0	17.67	0.97	18.77	1.00	19.87	1.04	20.66	1.05	22.06	1.07	23.16	1.09
		5	17.66	0.98	18.75	1.02	19.85	1.06	20.64	1.07	22.04	1.09	23.14	1.11
		10	17.64	1.00	18.74	1.04	19.83	1.07	20.63	1.09	22.03	1.11	23.12	1.13
		14	17.63	1.01	18.72	1.05	19.82	1.09	20.61	1.10	22.01	1.12	23.10	1.14
		20	17.62	1.03	18.71	1.07	19.80	1.10	20.59	1.12	21.99	1.14	23.09	1.16
		25	17.60	1.04	18.70	1.08	19.79	1.12	20.58	1.13	21.98	1.15	23.07	1.18
		30	17.59	1.06	18.68	1.10	19.77	1.14	20.56	1.15	21.96	1.17	23.05	1.19
		35	17.58	1.07	18.67	1.11	19.76	1.15	20.55	1.16	21.94	1.19	23.03	1.21
		40	17.56	1.09	18.65	1.13	19.74	1.17	20.53	1.18	21.93	1.20	23.02	1.23
		45	17.55	1.10	18.64	1.14	19.73	1.18	20.52	1.20	21.91	1.22	23.00	1.24
		50	17.54	1.12	18.62	1.16	19.71	1.20	20.50	1.21	21.89	1.23	22.98	1.26
		55	17.52	1.13	18.61	1.17	19.70	1.21	20.48	1.23	21.87	1.25	22.96	1.28
		60	17.51	1.14	18.60	1.19	19.68	1.23	20.47	1.24	21.86	1.27	22.95	1.29
		65	17.50	1.16	18.58	1.20	19.67	1.24	20.45	1.26	21.84	1.28	22.93	1.31
		70	17.48	1.17	18.57	1.22	19.65	1.26	20.44	1.28	21.82	1.30	22.91	1.33
		75	17.06	1.24	18.14	1.28	19.23	1.33	20.01	1.34	21.39	1.37	22.48	1.40
		80	16.64	1.30	17.72	1.35	18.80	1.40	19.58	1.41	20.96	1.44	22.04	1.47
		85	16.22	1.36	17.30	1.41	18.38	1.46	19.16	1.48	20.53	1.51	21.61	1.54
		90	15.81	1.43	16.88	1.48	17.96	1.53	18.73	1.55	20.11	1.58	21.18	1.61
		95	15.35	1.49	16.42	1.54	17.49	1.60	17.98	1.62	19.63	1.65	20.70	1.68
		100	14.98	1.55	16.05	1.61	17.12	1.67	17.75	1.69	19.26	1.72	20.33	1.75
		105	14.61	1.62	15.68	1.68	16.75	1.74	17.52	1.76	18.88	1.79	19.95	1.83
		110	14.23	1.68	15.30	1.74	16.37	1.80	17.14	1.83	18.51	1.86	19.58	1.90
		115	13.86	1.74	14.93	1.81	16.00	1.87	16.77	1.89	18.14	1.93	19.21	1.97
		118	13.63	1.78	14.70	1.85	15.77	1.91	16.55	1.94	17.91	1.97	18.98	2.01
		122	13.56	1.83	14.63	1.90	15.70	1.97	16.47	1.99	17.84	2.03	18.91	2.07
	9 + 12	-4	19.35	1.03	20.55	1.07	21.75	1.11	22.62	1.12	24.15	1.14	25.35	1.16
		0	19.34	1.04	20.54	1.08	21.74	1.12	22.60	1.13	24.14	1.15	25.34	1.17
		5	19.32	1.06	20.52	1.10	21.72	1.14	22.59	1.15	24.12	1.17	25.32	1.19
		10	19.31	1.07	20.50	1.11	21.70	1.15	22.57	1.17	24.10	1.19	25.30	1.21
		14	19.29	1.09	20.49	1.13	21.69	1.17	22.55	1.18	24.08	1.20	25.28	1.23
		20	19.28	1.10	20.47	1.14	21.67	1.19	22.53	1.20	24.06	1.22	25.26	1.25
		25	19.26	1.12	20.46	1.16	21.65	1.20	22.52	1.22	24.05	1.24	25.24	1.26
		30	19.25	1.14	20.44	1.18	21.64	1.22	22.50	1.23	24.03	1.26	25.22	1.28
		35	19.23	1.15	20.43	1.19	21.62	1.24	22.48	1.25	24.01	1.27	25.20	1.30
		40	19.22	1.17	20.41	1.21	21.60	1.25	22.47	1.27	23.99	1.29	25.18	1.32
		45	19.20	1.18	20.39	1.23	21.59	1.27	22.45	1.28	23.97	1.31	25.16	1.33
		50	19.19	1.20	20.38	1.24	21.57	1.29	22.43	1.30	23.95	1.33	25.15	1.35
		55	19.17	1.21	20.36	1.26	21.55	1.30	22.41	1.32	23.94	1.34	25.13	1.37
		60	19.16	1.23	20.35	1.27	21.54	1.32	22.40	1.34	23.92	1.36	25.11	1.39
		65	19.14	1.24	20.33	1.29	21.52	1.34	22.38	1.35	23.90	1.38	25.09	1.41
		70	19.13	1.26	20.32	1.31	21.50	1.35	22.36	1.37	23.88	1.40	25.07	1.42
		75	18.67	1.33	19.85	1.38	21.04	1.43	21.89	1.44	23.41	1.47	24.59	1.50
		80	18.21	1.40	19.39	1.45	20.57	1.50	21.43	1.52	22.94	1.55	24.12	1.58
		85	17.75	1.46	18.93	1.52	20.11	1.57	20.96	1.59	22.47	1.62	23.65	1.65
		90	17.30	1.53	18.47	1.59	19.65	1.65	20.50	1.67	22.00	1.70	23.18	1.73
		95	16.80	1.60	17.97	1.66	19.14	1.72	19.68	1.74	21.48	1.77	22.65	1.81
		100	16.39	1.67	17.56	1.73	18.73	1.79	19.42	1.81	21.07	1.85	22.24	1.88
		105	15.98	1.74	17.15	1.80	18.32	1.87	19.17	1.89	20.66	1.92	21.83	1.96
		110	15.57	1.80	16.74	1.87	17.91	1.94	18.76	1.96	20.25	2.00	21.42	2.04
		115	15.16	1.87	16.33	1.94	17.50	2.01	18.35	2.03	19.85	2.07	21.02	2.11
		118	14.92	1.91	16.09	1.98	17.26	2.06	18.10	2.08	19.60	2.12	20.77	2.16
		122	14.84	1.97	16.01	2.04	17.18	2.11	18.02	2.14	19.52	2.18	20.69	2.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 78: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 15	-4	21.84	1.16	23.20	1.20	24.56	1.24	25.54	1.26	27.27	1.28	28.63	1.31
		0	21.83	1.17	23.19	1.21	24.54	1.26	25.52	1.27	27.26	1.29	28.61	1.32
		5	21.81	1.19	23.17	1.23	24.52	1.28	25.50	1.29	27.23	1.32	28.59	1.34
		10	21.80	1.21	23.15	1.25	24.51	1.30	25.48	1.31	27.21	1.33	28.57	1.36
		14	21.78	1.22	23.13	1.27	24.49	1.31	25.46	1.33	27.19	1.35	28.54	1.38
		20	21.76	1.24	23.12	1.29	24.47	1.33	25.44	1.35	27.17	1.37	28.52	1.40
		25	21.75	1.26	23.10	1.30	24.45	1.35	25.42	1.37	27.15	1.39	28.50	1.42
		30	21.73	1.28	23.08	1.32	24.43	1.37	25.41	1.39	27.13	1.41	28.48	1.44
		35	21.71	1.29	23.06	1.34	24.41	1.39	25.39	1.41	27.11	1.43	28.46	1.46
		40	21.70	1.31	23.05	1.36	24.39	1.41	25.37	1.43	27.09	1.45	28.44	1.48
		45	21.68	1.33	23.03	1.38	24.37	1.43	25.35	1.44	27.07	1.47	28.41	1.50
		50	21.66	1.35	23.01	1.40	24.36	1.45	25.33	1.46	27.05	1.49	28.39	1.52
		55	21.65	1.36	22.99	1.41	24.34	1.47	25.31	1.48	27.03	1.51	28.37	1.54
		60	21.63	1.38	22.98	1.43	24.32	1.48	25.29	1.50	27.01	1.53	28.35	1.56
		65	21.62	1.40	22.96	1.45	24.30	1.50	25.27	1.52	26.98	1.55	28.33	1.58
		70	21.60	1.42	22.94	1.47	24.28	1.52	25.25	1.54	26.96	1.57	28.31	1.60
		75	21.08	1.49	22.42	1.55	23.75	1.60	24.72	1.62	26.43	1.65	27.77	1.69
		80	20.56	1.57	21.89	1.63	23.23	1.69	24.19	1.71	25.90	1.74	27.23	1.77
		85	20.04	1.65	21.38	1.71	22.71	1.77	23.67	1.79	25.37	1.82	26.70	1.86
		90	19.53	1.72	20.86	1.79	22.18	1.85	23.14	1.87	24.84	1.91	26.17	1.95
		95	18.97	1.80	20.29	1.86	21.61	1.93	22.22	1.96	24.26	1.99	25.58	2.03
		100	18.51	1.88	19.83	1.94	21.15	2.01	21.93	2.04	23.79	2.08	25.12	2.12
		105	18.05	1.95	19.37	2.02	20.69	2.10	21.64	2.12	23.33	2.16	24.65	2.20
		110	17.58	2.03	18.91	2.10	20.23	2.18	21.18	2.20	22.87	2.25	24.19	2.29
		115	17.12	2.10	18.44	2.18	19.76	2.26	20.72	2.29	22.41	2.33	23.73	2.38
		118	16.84	2.15	18.17	2.23	19.49	2.31	20.44	2.34	22.13	2.38	23.45	2.43
		122	16.75	2.21	18.07	2.29	19.40	2.38	20.35	2.40	22.04	2.45	23.36	2.50
	12 + 12	-4	21.84	1.16	23.20	1.20	24.56	1.24	25.54	1.26	27.27	1.28	28.63	1.31
		0	21.83	1.17	23.19	1.21	24.54	1.26	25.52	1.27	27.26	1.29	28.61	1.32
		5	21.81	1.19	23.17	1.23	24.52	1.28	25.50	1.29	27.23	1.32	28.59	1.34
		10	21.80	1.21	23.15	1.25	24.51	1.30	25.48	1.31	27.21	1.33	28.57	1.36
		14	21.78	1.22	23.13	1.27	24.49	1.31	25.46	1.33	27.19	1.35	28.54	1.38
		20	21.76	1.24	23.12	1.29	24.47	1.33	25.44	1.35	27.17	1.37	28.52	1.40
		25	21.75	1.26	23.10	1.30	24.45	1.35	25.42	1.37	27.15	1.39	28.50	1.42
		30	21.73	1.28	23.08	1.32	24.43	1.37	25.41	1.39	27.13	1.41	28.48	1.44
		35	21.71	1.29	23.06	1.34	24.41	1.39	25.39	1.41	27.11	1.43	28.46	1.46
		40	21.70	1.31	23.05	1.36	24.39	1.41	25.37	1.43	27.09	1.45	28.44	1.48
		45	21.68	1.33	23.03	1.38	24.37	1.43	25.35	1.44	27.07	1.47	28.41	1.50
		50	21.66	1.35	23.01	1.40	24.36	1.45	25.33	1.46	27.05	1.49	28.39	1.52
		55	21.65	1.36	22.99	1.41	24.34	1.47	25.31	1.48	27.03	1.51	28.37	1.54
		60	21.63	1.38	22.98	1.43	24.32	1.48	25.29	1.50	27.01	1.53	28.35	1.56
		65	21.62	1.40	22.96	1.45	24.30	1.50	25.27	1.52	26.98	1.55	28.33	1.58
		70	21.60	1.42	22.94	1.47	24.28	1.52	25.25	1.54	26.96	1.57	28.31	1.60
		75	21.08	1.49	22.42	1.55	23.75	1.60	24.72	1.62	26.43	1.65	27.77	1.69
		80	20.56	1.57	21.89	1.63	23.23	1.69	24.19	1.71	25.90	1.74	27.23	1.77
		85	20.04	1.65	21.38	1.71	22.71	1.77	23.67	1.79	25.37	1.82	26.70	1.86
		90	19.53	1.72	20.86	1.79	22.18	1.85	23.14	1.87	24.84	1.91	26.17	1.95
		95	18.97	1.80	20.29	1.86	21.61	1.93	22.22	1.96	24.26	1.99	25.58	2.03
		100	18.51	1.88	19.83	1.94	21.15	2.01	21.93	2.04	23.79	2.08	25.12	2.12
		105	18.05	1.95	19.37	2.02	20.69	2.10	21.64	2.12	23.33	2.16	24.65	2.20
		110	17.58	2.03	18.91	2.10	20.23	2.18	21.18	2.20	22.87	2.25	24.19	2.29
		115	17.12	2.10	18.44	2.18	19.76	2.26	20.72	2.29	22.41	2.33	23.73	2.38
		118	16.84	2.15	18.17	2.23	19.49	2.31	20.44	2.34	22.13	2.38	23.45	2.43
		122	16.75	2.21	18.07	2.29	19.40	2.38	20.35	2.40	22.04	2.45	23.36	2.50

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 79: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 18	-4	22.46	1.19	23.86	1.23	25.25	1.28	26.26	1.29	28.04	1.32	29.44	1.34
		0	22.45	1.20	23.85	1.24	25.24	1.29	26.25	1.31	28.03	1.33	29.42	1.36
		5	22.43	1.22	23.83	1.27	25.22	1.31	26.23	1.33	28.01	1.35	29.40	1.38
		10	22.42	1.24	23.81	1.28	25.20	1.33	26.21	1.35	27.98	1.37	29.38	1.40
		14	22.40	1.26	23.79	1.30	25.18	1.35	26.19	1.37	27.96	1.39	29.35	1.42
		20	22.38	1.27	23.77	1.32	25.16	1.37	26.17	1.39	27.94	1.41	29.33	1.44
		25	22.36	1.29	23.75	1.34	25.14	1.39	26.15	1.40	27.92	1.43	29.31	1.46
		30	22.35	1.31	23.74	1.36	25.12	1.41	26.13	1.42	27.90	1.45	29.29	1.48
		35	22.33	1.33	23.72	1.38	25.10	1.43	26.11	1.44	27.88	1.47	29.26	1.50
		40	22.31	1.35	23.70	1.40	25.08	1.45	26.09	1.46	27.86	1.49	29.24	1.52
		45	22.30	1.36	23.68	1.41	25.07	1.47	26.07	1.48	27.84	1.51	29.22	1.54
		50	22.28	1.38	23.66	1.43	25.05	1.49	26.05	1.50	27.81	1.53	29.20	1.56
		55	22.26	1.40	23.64	1.45	25.03	1.51	26.03	1.52	27.79	1.55	29.18	1.58
		60	22.25	1.42	23.63	1.47	25.01	1.52	26.01	1.54	27.77	1.57	29.15	1.60
		65	22.23	1.44	23.61	1.49	24.99	1.54	25.99	1.56	27.75	1.59	29.13	1.62
		70	22.21	1.46	23.59	1.51	24.97	1.56	25.97	1.58	27.73	1.61	29.11	1.64
		75	21.68	1.53	23.05	1.59	24.43	1.65	25.42	1.67	27.18	1.70	28.56	1.73
		80	21.14	1.61	22.51	1.67	23.89	1.73	24.88	1.75	26.63	1.78	28.00	1.82
		85	20.61	1.69	21.98	1.75	23.35	1.82	24.34	1.84	26.09	1.87	27.46	1.91
		90	20.08	1.77	21.45	1.83	22.81	1.90	23.80	1.92	25.55	1.96	26.91	2.00
		95	19.51	1.85	20.87	1.92	22.23	1.99	22.85	2.01	24.94	2.05	26.30	2.09
		100	19.03	1.93	20.39	2.00	21.75	2.07	22.55	2.09	24.47	2.13	25.83	2.18
		105	18.56	2.00	19.92	2.08	21.28	2.15	22.26	2.18	23.99	2.22	25.35	2.26
		110	18.08	2.08	19.44	2.16	20.80	2.24	21.78	2.26	23.52	2.31	24.88	2.35
		115	17.61	2.16	18.97	2.24	20.33	2.32	21.31	2.35	23.04	2.39	24.40	2.44
		118	17.32	2.21	18.68	2.29	20.04	2.37	21.02	2.40	22.76	2.45	24.12	2.49
		122	17.23	2.27	18.59	2.35	19.95	2.44	20.93	2.47	22.66	2.51	24.02	2.57
	9 + 18	-4	23.70	1.25	25.18	1.30	26.65	1.34	27.71	1.36	29.59	1.38	31.06	1.41
		0	23.69	1.26	25.16	1.31	26.63	1.36	27.70	1.37	29.58	1.40	31.05	1.43
		5	23.67	1.28	25.14	1.33	26.61	1.38	27.67	1.40	29.55	1.42	31.02	1.45
		10	23.65	1.30	25.12	1.35	26.59	1.40	27.65	1.42	29.53	1.44	31.00	1.47
		14	23.63	1.32	25.10	1.37	26.57	1.42	27.63	1.44	29.51	1.46	30.97	1.49
		20	23.62	1.34	25.08	1.39	26.55	1.44	27.61	1.46	29.48	1.49	30.95	1.52
		25	23.60	1.36	25.06	1.41	26.53	1.46	27.59	1.48	29.46	1.51	30.93	1.54
		30	23.58	1.38	25.05	1.43	26.51	1.48	27.57	1.50	29.44	1.53	30.90	1.56
		35	23.56	1.40	25.03	1.45	26.49	1.50	27.55	1.52	29.42	1.55	30.88	1.58
		40	23.54	1.42	25.01	1.47	26.47	1.52	27.53	1.54	29.39	1.57	30.86	1.60
		45	23.53	1.44	24.99	1.49	26.45	1.54	27.50	1.56	29.37	1.59	30.83	1.62
		50	23.51	1.46	24.97	1.51	26.43	1.56	27.48	1.58	29.35	1.61	30.81	1.64
		55	23.49	1.48	24.95	1.53	26.41	1.58	27.46	1.60	29.33	1.63	30.79	1.67
		60	23.47	1.49	24.93	1.55	26.39	1.61	27.44	1.62	29.30	1.65	30.76	1.69
		65	23.45	1.51	24.91	1.57	26.37	1.63	27.42	1.64	29.28	1.68	30.74	1.71
		70	23.44	1.53	24.89	1.59	26.35	1.65	27.40	1.66	29.26	1.70	30.71	1.73
		75	22.87	1.61	24.32	1.67	25.78	1.73	26.83	1.75	28.68	1.79	30.13	1.82
		80	22.31	1.70	23.76	1.76	25.21	1.82	26.25	1.84	28.10	1.88	29.55	1.92
		85	21.75	1.78	23.19	1.84	24.64	1.91	25.68	1.93	27.53	1.97	28.97	2.01
		90	21.19	1.86	22.63	1.93	24.07	2.00	25.11	2.02	26.96	2.06	28.40	2.10
		95	20.58	1.95	22.02	2.02	23.45	2.09	24.11	2.11	26.32	2.15	27.75	2.20
		100	20.08	2.03	21.52	2.10	22.95	2.18	23.80	2.20	25.82	2.25	27.25	2.29
		105	19.58	2.11	21.02	2.19	22.45	2.27	23.49	2.29	25.32	2.34	26.75	2.38
		110	19.08	2.19	20.51	2.27	21.95	2.36	22.98	2.38	24.82	2.43	26.25	2.48
		115	18.58	2.28	20.01	2.36	21.45	2.45	22.48	2.47	24.32	2.52	25.75	2.57
		118	18.28	2.33	19.71	2.41	21.15	2.50	22.18	2.53	24.01	2.57	25.45	2.63
		122	18.18	2.39	19.61	2.48	21.05	2.57	22.08	2.60	23.91	2.65	25.35	2.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 80: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 15	-4	23.70	1.25	25.17	1.30	26.65	1.34	27.71	1.36	29.59	1.38	31.06	1.41
		0	23.69	1.26	25.16	1.31	26.63	1.36	27.69	1.37	29.57	1.40	31.05	1.43
		5	23.67	1.28	25.14	1.33	26.61	1.38	27.67	1.40	29.55	1.42	31.02	1.45
		10	23.65	1.30	25.12	1.35	26.59	1.40	27.65	1.42	29.53	1.44	31.00	1.47
		14	23.63	1.32	25.10	1.37	26.57	1.42	27.63	1.44	29.51	1.46	30.97	1.49
		20	23.62	1.34	25.08	1.39	26.55	1.44	27.61	1.46	29.48	1.49	30.95	1.52
		25	23.60	1.36	25.06	1.41	26.53	1.46	27.59	1.48	29.46	1.51	30.93	1.54
		30	23.58	1.38	25.04	1.43	26.51	1.48	27.57	1.50	29.44	1.53	30.90	1.56
		35	23.56	1.40	25.03	1.45	26.49	1.50	27.55	1.52	29.42	1.55	30.88	1.58
		40	23.54	1.42	25.01	1.47	26.47	1.52	27.52	1.54	29.39	1.57	30.85	1.60
		45	23.53	1.44	24.99	1.49	26.45	1.54	27.50	1.56	29.37	1.59	30.83	1.62
		50	23.51	1.46	24.97	1.51	26.43	1.56	27.48	1.58	29.35	1.61	30.81	1.64
		55	23.49	1.48	24.95	1.53	26.41	1.58	27.46	1.60	29.33	1.63	30.78	1.67
		60	23.47	1.49	24.93	1.55	26.39	1.61	27.44	1.62	29.30	1.65	30.76	1.69
		65	23.45	1.51	24.91	1.57	26.37	1.63	27.42	1.64	29.28	1.68	30.74	1.71
		70	23.44	1.53	24.89	1.59	26.35	1.65	27.40	1.66	29.26	1.70	30.71	1.73
		75	22.87	1.61	24.32	1.67	25.78	1.73	26.82	1.75	28.68	1.79	30.13	1.82
		80	22.31	1.70	23.76	1.76	25.20	1.82	26.25	1.84	28.10	1.88	29.55	1.92
		85	21.75	1.78	23.19	1.84	24.64	1.91	25.68	1.93	27.53	1.97	28.97	2.01
		90	21.19	1.86	22.63	1.93	24.07	2.00	25.11	2.02	26.95	2.06	28.40	2.10
		95	20.58	1.95	22.02	2.02	23.45	2.09	24.11	2.11	26.32	2.15	27.75	2.20
		100	20.08	2.03	21.52	2.10	22.95	2.18	23.80	2.20	25.82	2.25	27.25	2.29
		105	19.58	2.11	21.01	2.19	22.45	2.27	23.48	2.29	25.32	2.34	26.75	2.38
		110	19.08	2.19	20.51	2.27	21.95	2.36	22.98	2.38	24.82	2.43	26.25	2.48
		115	18.58	2.28	20.01	2.36	21.45	2.45	22.48	2.47	24.31	2.52	25.75	2.57
		118	18.28	2.33	19.71	2.41	21.15	2.50	22.18	2.53	24.01	2.57	25.45	2.63
		122	18.18	2.39	19.61	2.48	21.05	2.57	22.08	2.60	23.91	2.65	25.35	2.70
	12 + 18	-4	26.05	1.37	27.67	1.42	29.29	1.47	30.46	1.49	32.53	1.52	34.14	1.55
		0	26.04	1.39	27.66	1.44	29.27	1.49	30.44	1.51	32.51	1.54	34.12	1.57
		5	26.02	1.41	27.63	1.46	29.25	1.51	30.42	1.53	32.48	1.56	34.10	1.59
		10	26.00	1.43	27.61	1.48	29.23	1.54	30.39	1.55	32.46	1.58	34.07	1.62
		14	25.98	1.45	27.59	1.50	29.20	1.56	30.37	1.58	32.43	1.61	34.04	1.64
		20	25.96	1.47	27.57	1.53	29.18	1.58	30.35	1.60	32.41	1.63	34.02	1.66
		25	25.94	1.49	27.55	1.55	29.16	1.60	30.32	1.62	32.38	1.65	33.99	1.69
		30	25.92	1.51	27.53	1.57	29.14	1.63	30.30	1.65	32.36	1.68	33.97	1.71
		35	25.90	1.53	27.51	1.59	29.12	1.65	30.28	1.67	32.33	1.70	33.94	1.73
		40	25.88	1.56	27.49	1.61	29.09	1.67	30.25	1.69	32.31	1.72	33.91	1.76
		45	25.86	1.58	27.46	1.63	29.07	1.69	30.23	1.71	32.28	1.75	33.89	1.78
		50	25.84	1.60	27.44	1.66	29.05	1.72	30.21	1.74	32.26	1.77	33.86	1.80
		55	25.82	1.62	27.42	1.68	29.03	1.74	30.18	1.76	32.23	1.79	33.84	1.83
		60	25.80	1.64	27.40	1.70	29.00	1.76	30.16	1.78	32.21	1.81	33.81	1.85
		65	25.78	1.66	27.38	1.72	28.98	1.78	30.14	1.80	32.18	1.84	33.78	1.87
		70	25.76	1.68	27.36	1.74	28.96	1.81	30.11	1.83	32.16	1.86	33.76	1.90
		75	25.14	1.77	26.74	1.84	28.33	1.90	29.48	1.92	31.52	1.96	33.12	2.00
		80	24.52	1.86	26.11	1.93	27.70	2.00	28.85	2.02	30.89	2.06	32.48	2.10
		85	23.91	1.95	25.49	2.02	27.08	2.10	28.23	2.12	30.26	2.16	31.85	2.21
		90	23.29	2.04	24.88	2.12	26.46	2.20	27.60	2.22	29.63	2.26	31.21	2.31
		95	22.62	2.13	24.20	2.21	25.78	2.29	26.50	2.32	28.93	2.36	30.51	2.41
		100	22.07	2.22	23.65	2.31	25.23	2.39	26.16	2.42	28.38	2.46	29.95	2.51
		105	21.52	2.32	23.10	2.40	24.67	2.49	25.81	2.52	27.83	2.56	29.40	2.61
		110	20.97	2.41	22.55	2.49	24.12	2.58	25.26	2.61	27.28	2.66	28.85	2.72
		115	20.42	2.50	22.00	2.59	23.57	2.68	24.71	2.71	26.73	2.76	28.30	2.82
		118	20.09	2.55	21.67	2.64	23.24	2.74	24.38	2.77	26.39	2.82	27.97	2.88
		122	19.98	2.62	21.56	2.72	23.13	2.82	24.27	2.85	26.28	2.90	27.86	2.96

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 81: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 24	-4	26.05	1.37	27.67	1.42	29.29	1.47	30.46	1.49	32.53	1.52	34.14	1.55
		0	26.04	1.39	27.66	1.44	29.27	1.49	30.44	1.51	32.51	1.54	34.12	1.57
		5	26.02	1.41	27.63	1.46	29.25	1.51	30.42	1.53	32.48	1.56	34.10	1.59
		10	26.00	1.43	27.61	1.48	29.23	1.54	30.39	1.55	32.46	1.58	34.07	1.62
		14	25.98	1.45	27.59	1.50	29.20	1.56	30.37	1.58	32.43	1.61	34.04	1.64
		20	25.96	1.47	27.57	1.53	29.18	1.58	30.35	1.60	32.41	1.63	34.02	1.66
		25	25.94	1.49	27.55	1.55	29.16	1.60	30.32	1.62	32.38	1.65	33.99	1.69
		30	25.92	1.51	27.53	1.57	29.14	1.63	30.30	1.65	32.36	1.68	33.97	1.71
		35	25.90	1.53	27.51	1.59	29.12	1.65	30.28	1.67	32.33	1.70	33.94	1.73
		40	25.88	1.56	27.49	1.61	29.09	1.67	30.25	1.69	32.31	1.72	33.91	1.76
		45	25.86	1.58	27.46	1.63	29.07	1.69	30.23	1.71	32.28	1.75	33.89	1.78
		50	25.84	1.60	27.44	1.66	29.05	1.72	30.21	1.74	32.26	1.77	33.86	1.80
		55	25.82	1.62	27.42	1.68	29.03	1.74	30.18	1.76	32.23	1.79	33.84	1.83
		60	25.80	1.64	27.40	1.70	29.00	1.76	30.16	1.78	32.21	1.81	33.81	1.85
		65	25.78	1.66	27.38	1.72	28.98	1.78	30.14	1.80	32.18	1.84	33.78	1.87
		70	25.76	1.68	27.36	1.74	28.96	1.81	30.11	1.83	32.16	1.86	33.76	1.90
		75	25.14	1.77	26.74	1.84	28.33	1.90	29.48	1.92	31.52	1.96	33.12	2.00
		80	24.52	1.86	26.11	1.93	27.70	2.00	28.85	2.02	30.89	2.06	32.48	2.10
		85	23.91	1.95	25.49	2.02	27.08	2.10	28.23	2.12	30.26	2.16	31.85	2.21
		90	23.29	2.04	24.88	2.12	26.46	2.20	27.60	2.22	29.63	2.26	31.21	2.31
		95	22.62	2.13	24.20	2.21	25.78	2.29	26.50	2.32	28.93	2.36	30.51	2.41
		100	22.07	2.22	23.65	2.31	25.23	2.39	26.16	2.42	28.38	2.46	29.95	2.51
		105	21.52	2.32	23.10	2.40	24.67	2.49	25.81	2.52	27.83	2.56	29.40	2.61
		110	20.97	2.41	22.55	2.49	24.12	2.58	25.26	2.61	27.28	2.66	28.85	2.72
		115	20.42	2.50	22.00	2.59	23.57	2.68	24.71	2.71	26.73	2.76	28.30	2.82
		118	20.09	2.55	21.67	2.64	23.24	2.74	24.38	2.77	26.39	2.82	27.97	2.88
		122	19.98	2.62	21.56	2.72	23.13	2.82	24.27	2.85	26.28	2.90	27.86	2.96
	9 + 24*	-4	26.05	1.37	27.67	1.42	29.29	1.47	30.46	1.49	32.53	1.52	34.14	1.55
		0	26.04	1.39	27.66	1.44	29.27	1.49	30.44	1.51	32.51	1.54	34.12	1.57
		5	26.02	1.41	27.63	1.46	29.25	1.51	30.42	1.53	32.48	1.56	34.10	1.59
		10	26.00	1.43	27.61	1.48	29.23	1.54	30.39	1.55	32.46	1.58	34.07	1.62
		14	25.98	1.45	27.59	1.50	29.20	1.56	30.37	1.58	32.43	1.61	34.04	1.64
		20	25.96	1.47	27.57	1.53	29.18	1.58	30.35	1.60	32.41	1.63	34.02	1.66
		25	25.94	1.49	27.55	1.55	29.16	1.60	30.32	1.62	32.38	1.65	33.99	1.69
		30	25.92	1.51	27.53	1.57	29.14	1.63	30.30	1.65	32.36	1.68	33.97	1.71
		35	25.90	1.53	27.51	1.59	29.12	1.65	30.28	1.67	32.33	1.70	33.94	1.73
		40	25.88	1.56	27.49	1.61	29.09	1.67	30.25	1.69	32.31	1.72	33.91	1.76
		45	25.86	1.58	27.46	1.63	29.07	1.69	30.23	1.71	32.28	1.75	33.89	1.78
		50	25.84	1.60	27.44	1.66	29.05	1.72	30.21	1.74	32.26	1.77	33.86	1.80
		55	25.82	1.62	27.42	1.68	29.03	1.74	30.18	1.76	32.23	1.79	33.84	1.83
		60	25.80	1.64	27.40	1.70	29.00	1.76	30.16	1.78	32.21	1.81	33.81	1.85
		65	25.78	1.66	27.38	1.72	28.98	1.78	30.14	1.80	32.18	1.84	33.78	1.87
		70	25.76	1.68	27.36	1.74	28.96	1.81	30.11	1.83	32.16	1.86	33.76	1.90
		75	25.14	1.77	26.74	1.84	28.33	1.90	29.48	1.92	31.52	1.96	33.12	2.00
		80	24.52	1.86	26.11	1.93	27.70	2.00	28.85	2.02	30.89	2.06	32.48	2.10
		85	23.91	1.95	25.49	2.02	27.08	2.10	28.23	2.12	30.26	2.16	31.85	2.21
		90	23.29	2.04	24.88	2.12	26.46	2.20	27.60	2.22	29.63	2.26	31.21	2.31
		95	22.62	2.13	24.20	2.21	25.78	2.29	26.50	2.32	28.93	2.36	30.51	2.41
		100	22.07	2.22	23.65	2.31	25.23	2.39	26.16	2.42	28.38	2.46	29.95	2.51
		105	21.52	2.32	23.10	2.40	24.67	2.49	25.81	2.52	27.83	2.56	29.40	2.61
		110	20.97	2.41	22.55	2.49	24.12	2.58	25.26	2.61	27.28	2.66	28.85	2.72
		115	20.42	2.50	22.00	2.59	23.57	2.68	24.71	2.71	26.73	2.76	28.30	2.82
		118	20.09	2.55	21.67	2.64	23.24	2.74	24.38	2.77	26.39	2.82	27.97	2.88
		122	19.98	2.62	21.56	2.72	23.13	2.82	24.27	2.85	26.28	2.90	27.86	2.96

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 82: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	15 + 18	-4	26.05	1.37	27.67	1.42	29.29	1.47	30.46	1.49	32.53	1.52	34.14	1.55
		0	26.04	1.39	27.66	1.44	29.27	1.49	30.44	1.51	32.51	1.54	34.12	1.57
		5	26.02	1.41	27.63	1.46	29.25	1.51	30.42	1.53	32.48	1.56	34.10	1.59
		10	26.00	1.43	27.61	1.48	29.23	1.54	30.39	1.55	32.46	1.58	34.07	1.62
		14	25.98	1.45	27.59	1.50	29.20	1.56	30.37	1.58	32.43	1.61	34.04	1.64
		20	25.96	1.47	27.57	1.53	29.18	1.58	30.35	1.60	32.41	1.63	34.02	1.66
		25	25.94	1.49	27.55	1.55	29.16	1.60	30.32	1.62	32.38	1.65	33.99	1.69
		30	25.92	1.51	27.53	1.57	29.14	1.63	30.30	1.65	32.36	1.68	33.97	1.71
		35	25.90	1.53	27.51	1.59	29.12	1.65	30.28	1.67	32.33	1.70	33.94	1.73
		40	25.88	1.56	27.49	1.61	29.09	1.67	30.25	1.69	32.31	1.72	33.91	1.76
		45	25.86	1.58	27.46	1.63	29.07	1.69	30.23	1.71	32.28	1.75	33.89	1.78
		50	25.84	1.60	27.44	1.66	29.05	1.72	30.21	1.74	32.26	1.77	33.86	1.80
		55	25.82	1.62	27.42	1.68	29.03	1.74	30.18	1.76	32.23	1.79	33.84	1.83
		60	25.80	1.64	27.40	1.70	29.00	1.76	30.16	1.78	32.21	1.81	33.81	1.85
		65	25.78	1.66	27.38	1.72	28.98	1.78	30.14	1.80	32.18	1.84	33.78	1.87
		70	25.76	1.68	27.36	1.74	28.96	1.81	30.11	1.83	32.16	1.86	33.76	1.90
		75	25.14	1.77	26.74	1.84	28.33	1.90	29.48	1.92	31.52	1.96	33.12	2.00
		80	24.52	1.86	26.11	1.93	27.70	2.00	28.85	2.02	30.89	2.06	32.48	2.10
		85	23.91	1.95	25.49	2.02	27.08	2.10	28.23	2.12	30.26	2.16	31.85	2.21
		90	23.29	2.04	24.88	2.12	26.46	2.20	27.60	2.22	29.63	2.26	31.21	2.31
		95	22.62	2.13	24.20	2.21	25.78	2.29	26.50	2.32	28.93	2.36	30.51	2.41
		100	22.07	2.22	23.65	2.31	25.23	2.39	26.16	2.42	28.38	2.46	29.95	2.51
		105	21.52	2.32	23.10	2.40	24.67	2.49	25.81	2.52	27.83	2.56	29.40	2.61
		110	20.97	2.41	22.55	2.49	24.12	2.58	25.26	2.61	27.28	2.66	28.85	2.72
		115	20.42	2.50	22.00	2.59	23.57	2.68	24.71	2.71	26.73	2.76	28.30	2.82
		118	20.09	2.55	21.67	2.64	23.24	2.74	24.38	2.77	26.39	2.82	27.97	2.88
		122	19.98	2.62	21.56	2.72	23.13	2.82	24.27	2.85	26.28	2.90	27.86	2.96
	18* + 18*	-4	26.05	1.37	27.67	1.42	29.29	1.47	30.46	1.49	32.53	1.52	34.14	1.55
		0	26.04	1.39	27.66	1.44	29.27	1.49	30.44	1.51	32.51	1.54	34.12	1.57
		5	26.02	1.41	27.63	1.46	29.25	1.51	30.42	1.53	32.48	1.56	34.10	1.59
		10	26.00	1.43	27.61	1.48	29.23	1.54	30.39	1.55	32.46	1.58	34.07	1.62
		14	25.98	1.45	27.59	1.50	29.20	1.56	30.37	1.58	32.43	1.61	34.04	1.64
		20	25.96	1.47	27.57	1.53	29.18	1.58	30.35	1.60	32.41	1.63	34.02	1.66
		25	25.94	1.49	27.55	1.55	29.16	1.60	30.32	1.62	32.38	1.65	33.99	1.69
		30	25.92	1.51	27.53	1.57	29.14	1.63	30.30	1.65	32.36	1.68	33.97	1.71
		35	25.90	1.53	27.51	1.59	29.12	1.65	30.28	1.67	32.33	1.70	33.94	1.73
		40	25.88	1.56	27.49	1.61	29.09	1.67	30.25	1.69	32.31	1.72	33.91	1.76
		45	25.86	1.58	27.46	1.63	29.07	1.69	30.23	1.71	32.28	1.75	33.89	1.78
		50	25.84	1.60	27.44	1.66	29.05	1.72	30.21	1.74	32.26	1.77	33.86	1.80
		55	25.82	1.62	27.42	1.68	29.03	1.74	30.18	1.76	32.23	1.79	33.84	1.83
		60	25.80	1.64	27.40	1.70	29.00	1.76	30.16	1.78	32.21	1.81	33.81	1.85
		65	25.78	1.66	27.38	1.72	28.98	1.78	30.14	1.80	32.18	1.84	33.78	1.87
		70	25.76	1.68	27.36	1.74	28.96	1.81	30.11	1.83	32.16	1.86	33.76	1.90
		75	25.14	1.77	26.74	1.84	28.33	1.90	29.48	1.92	31.52	1.96	33.12	2.00
		80	24.52	1.86	26.11	1.93	27.70	2.00	28.85	2.02	30.89	2.06	32.48	2.10
		85	23.91	1.95	25.49	2.02	27.08	2.10	28.23	2.12	30.26	2.16	31.85	2.21
		90	23.29	2.04	24.88	2.12	26.46	2.20	27.60	2.22	29.63	2.26	31.21	2.31
		95	22.62	2.13	24.20	2.21	25.78	2.29	26.50	2.32	28.93	2.36	30.51	2.41
		100	22.07	2.22	23.65	2.31	25.23	2.39	26.16	2.42	28.38	2.46	29.95	2.51
		105	21.52	2.32	23.10	2.40	24.67	2.49	25.81	2.52	27.83	2.56	29.40	2.61
		110	20.97	2.41	22.55	2.49	24.12	2.58	25.26	2.61	27.28	2.66	28.85	2.72
		115	20.42	2.50	22.00	2.59	23.57	2.68	24.71	2.71	26.73	2.76	28.30	2.82
		118	20.09	2.55	21.67	2.64	23.24	2.74	24.38	2.77	26.39	2.82	27.97	2.88
		122	19.98	2.62	21.56	2.72	23.13	2.82	24.27	2.85	26.28	2.90	27.86	2.96

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 83: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12* + 24*	-4	26.05	1.37	27.67	1.42	29.29	1.47	30.46	1.49	32.53	1.52	34.14	1.55
		0	26.04	1.39	27.66	1.44	29.27	1.49	30.44	1.51	32.51	1.54	34.12	1.57
		5	26.02	1.41	27.63	1.46	29.25	1.51	30.42	1.53	32.48	1.56	34.10	1.59
		10	26.00	1.43	27.61	1.48	29.23	1.54	30.39	1.55	32.46	1.58	34.07	1.62
		14	25.98	1.45	27.59	1.50	29.20	1.56	30.37	1.58	32.43	1.61	34.04	1.64
		20	25.96	1.47	27.57	1.53	29.18	1.58	30.35	1.60	32.41	1.63	34.02	1.66
		25	25.94	1.49	27.55	1.55	29.16	1.60	30.32	1.62	32.38	1.65	33.99	1.69
		30	25.92	1.51	27.53	1.57	29.14	1.63	30.30	1.65	32.36	1.68	33.97	1.71
		35	25.90	1.53	27.51	1.59	29.12	1.65	30.28	1.67	32.33	1.70	33.94	1.73
		40	25.88	1.56	27.49	1.61	29.09	1.67	30.25	1.69	32.31	1.72	33.91	1.76
		45	25.86	1.58	27.46	1.63	29.07	1.69	30.23	1.71	32.28	1.75	33.89	1.78
		50	25.84	1.60	27.44	1.66	29.05	1.72	30.21	1.74	32.26	1.77	33.86	1.80
		55	25.82	1.62	27.42	1.68	29.03	1.74	30.18	1.76	32.23	1.79	33.84	1.83
		60	25.80	1.64	27.40	1.70	29.00	1.76	30.16	1.78	32.21	1.81	33.81	1.85
		65	25.78	1.66	27.38	1.72	28.98	1.78	30.14	1.80	32.18	1.84	33.78	1.87
		70	25.76	1.68	27.36	1.74	28.96	1.81	30.11	1.83	32.16	1.86	33.76	1.90
		75	25.14	1.77	26.74	1.84	28.33	1.90	29.48	1.92	31.52	1.96	33.12	2.00
		80	24.52	1.86	26.11	1.93	27.70	2.00	28.85	2.02	30.89	2.06	32.48	2.10
		85	23.91	1.95	25.49	2.02	27.08	2.10	28.23	2.12	30.26	2.16	31.85	2.21
		90	23.29	2.04	24.88	2.12	26.46	2.20	27.60	2.22	29.63	2.26	31.21	2.31
		95	22.62	2.13	24.20	2.21	25.78	2.29	26.50	2.32	28.93	2.36	30.51	2.41
		100	22.07	2.22	23.65	2.31	25.23	2.39	26.16	2.42	28.38	2.46	29.95	2.51
		105	21.52	2.32	23.10	2.40	24.67	2.49	25.81	2.52	27.83	2.56	29.40	2.61
		110	20.97	2.41	22.55	2.49	24.12	2.58	25.26	2.61	27.28	2.66	28.85	2.72
		115	20.42	2.50	22.00	2.59	23.57	2.68	24.71	2.71	26.73	2.76	28.30	2.82
		118	20.09	2.55	21.67	2.64	23.24	2.74	24.38	2.77	26.39	2.82	27.97	2.88
		122	19.98	2.62	21.56	2.72	23.13	2.82	24.27	2.85	26.28	2.90	27.86	2.96
Three (3) Mixed Indoor Units	7 + 7 + 9	-4	20.24	1.00	21.50	1.04	22.76	1.08	23.66	1.09	25.27	1.11	26.53	1.13
		0	20.23	1.02	21.49	1.05	22.74	1.09	23.65	1.10	25.26	1.12	26.51	1.15
		5	20.21	1.03	21.47	1.07	22.72	1.11	23.63	1.12	25.24	1.14	26.49	1.17
		10	20.20	1.05	21.45	1.09	22.71	1.13	23.61	1.14	25.22	1.16	26.47	1.18
		14	20.18	1.06	21.44	1.10	22.69	1.14	23.60	1.15	25.20	1.18	26.45	1.20
		20	20.17	1.08	21.42	1.12	22.67	1.16	23.58	1.17	25.18	1.19	26.43	1.22
		25	20.15	1.09	21.40	1.13	22.66	1.17	23.56	1.19	25.16	1.21	26.41	1.23
		30	20.14	1.11	21.39	1.15	22.64	1.19	23.54	1.20	25.14	1.23	26.39	1.25
		35	20.12	1.12	21.37	1.16	22.62	1.21	23.52	1.22	25.12	1.24	26.37	1.27
		40	20.11	1.14	21.36	1.18	22.60	1.22	23.51	1.24	25.10	1.26	26.35	1.29
		45	20.09	1.15	21.34	1.20	22.59	1.24	23.49	1.25	25.08	1.28	26.33	1.30
		50	20.08	1.17	21.32	1.21	22.57	1.26	23.47	1.27	25.06	1.29	26.31	1.32
		55	20.06	1.18	21.31	1.23	22.55	1.27	23.45	1.29	25.04	1.31	26.29	1.34
		60	20.04	1.20	21.29	1.24	22.53	1.29	23.43	1.30	25.02	1.33	26.27	1.36
		65	20.03	1.22	21.27	1.26	22.52	1.31	23.42	1.32	25.01	1.35	26.25	1.37
		70	20.01	1.23	21.26	1.28	22.50	1.32	23.40	1.34	24.99	1.36	26.23	1.39
		75	19.53	1.30	20.77	1.34	22.01	1.39	22.91	1.41	24.49	1.44	25.73	1.46
		80	19.05	1.36	20.29	1.41	21.52	1.46	22.42	1.48	24.00	1.51	25.23	1.54
		85	18.57	1.43	19.81	1.48	21.04	1.54	21.93	1.55	23.51	1.58	24.74	1.61
		90	18.10	1.50	19.33	1.55	20.56	1.61	21.45	1.63	23.02	1.66	24.25	1.69
		95	17.58	1.56	18.80	1.62	20.03	1.68	20.59	1.70	22.48	1.73	23.70	1.76
		100	17.15	1.63	18.37	1.69	19.60	1.75	20.32	1.77	22.05	1.80	23.27	1.84
		105	16.72	1.70	17.95	1.76	19.17	1.82	20.06	1.84	21.62	1.88	22.84	1.91
		110	16.29	1.76	17.52	1.83	18.74	1.89	19.63	1.91	21.19	1.95	22.42	1.99
		115	15.87	1.83	17.09	1.89	18.31	1.96	19.20	1.99	20.76	2.02	21.99	2.06
		118	15.61	1.87	16.83	1.94	18.06	2.01	18.94	2.03	20.51	2.07	21.73	2.11
		122	15.52	1.92	16.75	1.99	17.97	2.06	18.86	2.09	20.42	2.13	21.65	2.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 84: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7 + 9 + 9	-4	21.90	1.09	23.26	1.13	24.62	1.17	25.61	1.18	27.34	1.21	28.70	1.23
		0	21.89	1.10	23.25	1.14	24.61	1.18	25.59	1.20	27.33	1.22	28.69	1.24
		5	21.87	1.12	23.23	1.16	24.59	1.20	25.57	1.22	27.31	1.24	28.66	1.26
		10	21.86	1.14	23.21	1.18	24.57	1.22	25.55	1.23	27.29	1.26	28.64	1.28
		14	21.84	1.15	23.20	1.19	24.55	1.24	25.53	1.25	27.26	1.28	28.62	1.30
		20	21.82	1.17	23.18	1.21	24.53	1.26	25.51	1.27	27.24	1.29	28.60	1.32
		25	21.81	1.19	23.16	1.23	24.51	1.27	25.49	1.29	27.22	1.31	28.58	1.34
		30	21.79	1.20	23.14	1.25	24.50	1.29	25.47	1.31	27.20	1.33	28.56	1.36
		35	21.77	1.22	23.12	1.26	24.48	1.31	25.45	1.32	27.18	1.35	28.53	1.38
		40	21.76	1.23	23.11	1.28	24.46	1.33	25.43	1.34	27.16	1.37	28.51	1.39
		45	21.74	1.25	23.09	1.30	24.44	1.34	25.41	1.36	27.14	1.39	28.49	1.41
		50	21.72	1.27	23.07	1.31	24.42	1.36	25.39	1.38	27.12	1.40	28.47	1.43
		55	21.71	1.28	23.05	1.33	24.40	1.38	25.38	1.40	27.10	1.42	28.45	1.45
		60	21.69	1.30	23.04	1.35	24.38	1.40	25.36	1.41	27.08	1.44	28.42	1.47
		65	21.67	1.32	23.02	1.37	24.36	1.42	25.34	1.43	27.06	1.46	28.40	1.49
		70	21.66	1.33	23.00	1.38	24.35	1.43	25.32	1.45	27.04	1.48	28.38	1.51
		75	21.13	1.41	22.48	1.46	23.82	1.51	24.79	1.53	26.50	1.56	27.84	1.59
		80	20.61	1.48	21.95	1.53	23.29	1.59	24.26	1.61	25.97	1.64	27.31	1.67
		85	20.10	1.55	21.43	1.61	22.77	1.67	23.73	1.68	25.44	1.72	26.77	1.75
		90	19.58	1.62	20.91	1.68	22.24	1.74	23.21	1.76	24.91	1.80	26.24	1.83
		95	19.02	1.69	20.35	1.76	21.67	1.82	22.28	1.84	24.32	1.88	25.65	1.91
		100	18.56	1.77	19.88	1.83	21.21	1.90	21.99	1.92	23.86	1.96	25.18	1.99
		105	18.09	1.84	19.42	1.91	20.74	1.97	21.70	2.00	23.39	2.03	24.72	2.08
		110	17.63	1.91	18.96	1.98	20.28	2.05	21.24	2.08	22.93	2.11	24.26	2.16
		115	17.17	1.98	18.49	2.05	19.82	2.13	20.77	2.15	22.47	2.19	23.79	2.24
		118	16.89	2.03	18.21	2.10	19.54	2.18	20.50	2.20	22.19	2.24	23.51	2.29
		122	16.80	2.08	18.12	2.16	19.45	2.24	20.40	2.26	22.10	2.31	23.42	2.35
	7 + 7 + 12	-4	22.73	1.13	24.14	1.17	25.56	1.21	26.58	1.23	28.38	1.25	29.79	1.28
		0	22.72	1.14	24.13	1.18	25.54	1.23	26.56	1.24	28.36	1.26	29.77	1.29
		5	22.70	1.16	24.11	1.20	25.52	1.25	26.54	1.26	28.34	1.28	29.75	1.31
		10	22.68	1.18	24.09	1.22	25.50	1.27	26.52	1.28	28.32	1.30	29.73	1.33
		14	22.67	1.19	24.07	1.24	25.48	1.28	26.50	1.30	28.30	1.32	29.70	1.35
		20	22.65	1.21	24.06	1.26	25.46	1.30	26.48	1.32	28.28	1.34	29.68	1.37
		25	22.63	1.23	24.04	1.27	25.44	1.32	26.46	1.34	28.25	1.36	29.66	1.39
		30	22.61	1.25	24.02	1.29	25.42	1.34	26.44	1.35	28.23	1.38	29.64	1.41
		35	22.60	1.26	24.00	1.31	25.40	1.36	26.42	1.37	28.21	1.40	29.61	1.43
		40	22.58	1.28	23.98	1.33	25.38	1.38	26.40	1.39	28.19	1.42	29.59	1.45
		45	22.56	1.30	23.96	1.35	25.37	1.39	26.38	1.41	28.17	1.44	29.57	1.47
		50	22.55	1.31	23.95	1.36	25.35	1.41	26.36	1.43	28.15	1.46	29.55	1.48
		55	22.53	1.33	23.93	1.38	25.33	1.43	26.34	1.45	28.12	1.47	29.52	1.50
		60	22.51	1.35	23.91	1.40	25.31	1.45	26.32	1.47	28.10	1.49	29.50	1.52
		65	22.49	1.37	23.89	1.42	25.29	1.47	26.30	1.48	28.08	1.51	29.48	1.54
		70	22.48	1.38	23.87	1.43	25.27	1.49	26.28	1.50	28.06	1.53	29.46	1.56
		75	21.94	1.46	23.33	1.51	24.72	1.57	25.73	1.58	27.51	1.61	28.90	1.65
		80	21.39	1.53	22.78	1.59	24.17	1.65	25.18	1.67	26.95	1.70	28.34	1.73
		85	20.86	1.61	22.24	1.67	23.63	1.73	24.63	1.75	26.40	1.78	27.79	1.82
		90	20.32	1.68	21.70	1.74	23.09	1.81	24.08	1.83	25.85	1.86	27.23	1.90
		95	19.74	1.76	21.12	1.82	22.49	1.89	23.12	1.91	25.24	1.94	26.62	1.98
		100	19.26	1.83	20.64	1.90	22.01	1.97	22.82	1.99	24.76	2.03	26.14	2.07
		105	18.78	1.91	20.15	1.98	21.53	2.05	22.52	2.07	24.28	2.11	25.66	2.15
		110	18.30	1.98	19.67	2.05	21.05	2.13	22.04	2.15	23.80	2.19	25.17	2.24
		115	17.82	2.06	19.19	2.13	20.57	2.21	21.56	2.23	23.32	2.28	24.69	2.32
		118	17.53	2.10	18.90	2.18	20.28	2.26	21.27	2.28	23.03	2.32	24.41	2.37
		122	17.43	2.16	18.81	2.24	20.18	2.32	21.18	2.35	22.93	2.39	24.31	2.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 85: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	-4	23.56	1.17	25.03	1.21	26.49	1.26	27.55	1.27	29.42	1.30	30.88	1.32
		0	23.55	1.18	25.01	1.23	26.48	1.27	27.53	1.29	29.40	1.31	30.86	1.34
		5	23.53	1.20	24.99	1.25	26.45	1.29	27.51	1.31	29.38	1.33	30.84	1.36
		10	23.51	1.22	24.97	1.27	26.43	1.31	27.49	1.33	29.35	1.35	30.81	1.38
		14	23.49	1.24	24.95	1.28	26.41	1.33	27.47	1.35	29.33	1.37	30.79	1.40
		20	23.48	1.26	24.93	1.30	26.39	1.35	27.45	1.37	29.31	1.39	30.77	1.42
		25	23.46	1.27	24.92	1.32	26.37	1.37	27.42	1.39	29.29	1.41	30.74	1.44
		30	23.44	1.29	24.90	1.34	26.35	1.39	27.40	1.40	29.26	1.43	30.72	1.46
		35	23.42	1.31	24.88	1.36	26.33	1.41	27.38	1.42	29.24	1.45	30.70	1.48
		40	23.41	1.33	24.86	1.38	26.31	1.43	27.36	1.44	29.22	1.47	30.67	1.50
		45	23.39	1.35	24.84	1.40	26.29	1.45	27.34	1.46	29.20	1.49	30.65	1.52
		50	23.37	1.36	24.82	1.41	26.27	1.47	27.32	1.48	29.17	1.51	30.63	1.54
		55	23.35	1.38	24.80	1.43	26.25	1.48	27.30	1.50	29.15	1.53	30.60	1.56
		60	23.33	1.40	24.78	1.45	26.23	1.50	27.28	1.52	29.13	1.55	30.58	1.58
		65	23.32	1.42	24.76	1.47	26.21	1.52	27.26	1.54	29.11	1.57	30.56	1.60
		70	23.30	1.43	24.74	1.49	26.19	1.54	27.24	1.56	29.09	1.59	30.53	1.62
		75	22.74	1.51	24.18	1.57	25.62	1.62	26.67	1.64	28.51	1.67	29.95	1.71
		80	22.18	1.59	23.62	1.65	25.06	1.71	26.10	1.73	27.94	1.76	29.38	1.80
		85	21.62	1.67	23.06	1.73	24.49	1.79	25.53	1.81	27.37	1.85	28.80	1.88
		90	21.07	1.74	22.50	1.81	23.93	1.87	24.97	1.90	26.80	1.93	28.23	1.97
		95	20.46	1.82	21.89	1.89	23.31	1.96	23.97	1.98	26.16	2.02	27.59	2.06
		100	19.96	1.90	21.39	1.97	22.81	2.04	23.66	2.06	25.67	2.10	27.09	2.15
		105	19.47	1.98	20.89	2.05	22.32	2.12	23.35	2.15	25.17	2.19	26.59	2.23
		110	18.97	2.05	20.39	2.13	21.82	2.21	22.85	2.23	24.67	2.27	26.09	2.32
		115	18.47	2.13	19.89	2.21	21.32	2.29	22.35	2.32	24.17	2.36	25.60	2.41
		118	18.17	2.18	19.60	2.26	21.02	2.34	22.05	2.37	23.87	2.41	25.30	2.46
		122	18.07	2.24	19.50	2.32	20.92	2.41	21.95	2.43	23.77	2.48	25.20	2.53
	7 + 9 + 12	-4	24.39	1.21	25.91	1.26	27.42	1.30	28.52	1.32	30.45	1.34	31.97	1.37
		0	24.38	1.23	25.89	1.27	27.41	1.32	28.50	1.33	30.44	1.36	31.95	1.38
		5	24.36	1.25	25.87	1.29	27.38	1.34	28.48	1.35	30.41	1.38	31.92	1.41
		10	24.34	1.26	25.85	1.31	27.36	1.36	28.46	1.37	30.39	1.40	31.90	1.43
		14	24.32	1.28	25.83	1.33	27.34	1.38	28.43	1.39	30.36	1.42	31.87	1.45
		20	24.30	1.30	25.81	1.35	27.32	1.40	28.41	1.41	30.34	1.44	31.85	1.47
		25	24.29	1.32	25.79	1.37	27.30	1.42	28.39	1.43	30.32	1.46	31.83	1.49
		30	24.27	1.34	25.77	1.39	27.28	1.44	28.37	1.45	30.29	1.48	31.80	1.51
		35	24.25	1.36	25.75	1.41	27.26	1.46	28.35	1.47	30.27	1.50	31.78	1.53
		40	24.23	1.38	25.73	1.43	27.24	1.48	28.33	1.49	30.25	1.52	31.75	1.55
		45	24.21	1.39	25.71	1.44	27.22	1.50	28.30	1.51	30.23	1.54	31.73	1.57
		50	24.19	1.41	25.69	1.46	27.20	1.52	28.28	1.53	30.20	1.56	31.70	1.59
		55	24.17	1.43	25.68	1.48	27.18	1.54	28.26	1.55	30.18	1.58	31.68	1.62
		60	24.16	1.45	25.66	1.50	27.16	1.56	28.24	1.57	30.16	1.60	31.66	1.64
		65	24.14	1.47	25.64	1.52	27.13	1.58	28.22	1.59	30.13	1.62	31.63	1.66
		70	24.12	1.49	25.62	1.54	27.11	1.60	28.20	1.61	30.11	1.64	31.61	1.68
		75	23.54	1.57	25.03	1.62	26.53	1.68	27.61	1.70	29.51	1.73	31.01	1.77
		80	22.96	1.65	24.45	1.71	25.94	1.77	27.01	1.79	28.92	1.82	30.41	1.86
		85	22.38	1.73	23.87	1.79	25.36	1.85	26.43	1.88	28.33	1.91	29.82	1.95
		90	21.81	1.81	23.29	1.87	24.77	1.94	25.84	1.96	27.74	2.00	29.22	2.04
		95	21.18	1.89	22.66	1.96	24.13	2.03	24.81	2.05	27.09	2.09	28.56	2.13
		100	20.67	1.97	22.14	2.04	23.62	2.11	24.49	2.14	26.57	2.18	28.05	2.22
		105	20.15	2.05	21.63	2.12	23.10	2.20	24.17	2.22	26.05	2.27	27.53	2.31
		110	19.64	2.13	21.11	2.20	22.59	2.28	23.65	2.31	25.54	2.35	27.01	2.40
		115	19.12	2.21	20.59	2.29	22.07	2.37	23.14	2.40	25.02	2.44	26.50	2.49
		118	18.81	2.26	20.29	2.34	21.76	2.42	22.83	2.45	24.71	2.50	26.19	2.55
		122	18.71	2.32	20.18	2.40	21.66	2.49	22.72	2.52	24.61	2.57	26.09	2.62

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 86: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 12	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	7 + 9 + 15	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 87: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7 + 12 + 12	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	7 + 7 + 18	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

MULTI F WITH LGRED°
MULTI F MAX

Cooling Capacity Tables

Table 88: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 15	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	9 + 12 + 12	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 89: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7 + 9 + 18	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	7 + 12 + 15	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 90: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9* + 12* + 15	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	12 + 12* + 12*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 91: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9* + 18*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	7 + 12* + 18*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 92: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9* + 12* + 18*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	9* + 15 + 15	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

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KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

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Table 93: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12* + 12* + 15	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	7 + 9 + 24*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 94: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7 + 15* + 18*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
Four (4) Mixed Indoor Units	7 + 7 + 7 + 9	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 95: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	7 + 7 + 9 + 9	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	7 + 7 + 7 + 12	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 96: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	7 + 9 + 9 + 9*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	7 + 7 + 9 + 12*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 97: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 9* + 9* + 9*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	7 + 9 + 9* + 12*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 98: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	7 + 7 + 9* + 15	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	7 + 7 + 12* + 12*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 99: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9* + 9* + 9* + 12*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	7 + 7 + 7 + 18*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 100: KUMXA301A Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	7 + 9* + 9* + 15	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80
	7 + 9* + 12* + 12*	-4	26.05	1.30	27.67	1.34	29.29	1.39	30.46	1.41	32.53	1.44	34.14	1.46
		0	26.04	1.31	27.66	1.36	29.27	1.41	30.44	1.42	32.51	1.45	34.12	1.48
		5	26.02	1.33	27.63	1.38	29.25	1.43	30.42	1.45	32.48	1.47	34.10	1.50
		10	26.00	1.35	27.61	1.40	29.23	1.45	30.39	1.47	32.46	1.50	34.07	1.53
		14	25.98	1.37	27.59	1.42	29.20	1.47	30.37	1.49	32.43	1.52	34.04	1.55
		20	25.96	1.39	27.57	1.44	29.18	1.49	30.35	1.51	32.41	1.54	34.02	1.57
		25	25.94	1.41	27.55	1.46	29.16	1.52	30.32	1.53	32.38	1.56	33.99	1.59
		30	25.92	1.43	27.53	1.48	29.14	1.54	30.30	1.55	32.36	1.58	33.97	1.62
		35	25.90	1.45	27.51	1.50	29.12	1.56	30.28	1.58	32.33	1.61	33.94	1.64
		40	25.88	1.47	27.49	1.52	29.09	1.58	30.25	1.60	32.31	1.63	33.91	1.66
		45	25.86	1.49	27.46	1.54	29.07	1.60	30.23	1.62	32.28	1.65	33.89	1.68
		50	25.84	1.51	27.44	1.56	29.05	1.62	30.21	1.64	32.26	1.67	33.86	1.70
		55	25.82	1.53	27.42	1.58	29.03	1.64	30.18	1.66	32.23	1.69	33.84	1.73
		60	25.80	1.55	27.40	1.60	29.00	1.66	30.16	1.68	32.21	1.71	33.81	1.75
		65	25.78	1.57	27.38	1.63	28.98	1.68	30.14	1.70	32.18	1.74	33.78	1.77
		70	25.76	1.59	27.36	1.65	28.96	1.71	30.11	1.73	32.16	1.76	33.76	1.79
		75	25.14	1.67	26.74	1.73	28.33	1.80	29.48	1.82	31.52	1.85	33.12	1.89
		80	24.52	1.76	26.11	1.82	27.70	1.89	28.85	1.91	30.89	1.95	32.48	1.99
		85	23.91	1.84	25.49	1.91	27.08	1.98	28.23	2.00	30.26	2.04	31.85	2.08
		90	23.29	1.93	24.88	2.00	26.46	2.07	27.60	2.10	29.63	2.14	31.21	2.18
		95	22.62	2.02	24.20	2.09	25.78	2.17	26.50	2.19	28.93	2.23	30.51	2.28
		100	22.07	2.10	23.65	2.18	25.23	2.26	26.16	2.28	28.38	2.33	29.95	2.37
		105	21.52	2.19	23.10	2.27	24.67	2.35	25.81	2.38	27.83	2.42	29.40	2.47
		110	20.97	2.27	22.55	2.36	24.12	2.44	25.26	2.47	27.28	2.52	28.85	2.57
		115	20.42	2.36	22.00	2.44	23.57	2.53	24.71	2.56	26.73	2.61	28.30	2.66
		118	20.09	2.41	21.67	2.50	23.24	2.59	24.38	2.62	26.39	2.67	27.97	2.72
		122	19.98	2.48	21.56	2.57	23.13	2.66	24.27	2.69	26.28	2.74	27.86	2.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

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MULTI F MAX KUMXA361A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 1: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	17.70	0.67	18.80	0.69	19.89	0.72	20.69	0.72	22.09	0.74	23.19	0.75
	0	17.69	0.67	18.79	0.70	19.88	0.72	20.68	0.73	22.08	0.74	23.18	0.76
	5	17.67	0.68	18.77	0.71	19.87	0.73	20.66	0.74	22.06	0.76	23.16	0.77
	10	17.66	0.69	18.76	0.72	19.85	0.75	20.64	0.75	22.05	0.77	23.14	0.78
	14	17.65	0.70	18.74	0.73	19.84	0.76	20.63	0.77	22.03	0.78	23.12	0.80
	20	17.63	0.71	18.73	0.74	19.82	0.77	20.61	0.78	22.01	0.79	23.11	0.81
	25	17.62	0.72	18.71	0.75	19.81	0.78	20.60	0.79	22.00	0.80	23.09	0.82
	30	17.60	0.73	18.70	0.76	19.79	0.79	20.58	0.80	21.98	0.81	23.07	0.83
	35	17.59	0.74	18.68	0.77	19.78	0.80	20.57	0.81	21.96	0.82	23.05	0.84
	40	17.58	0.75	18.67	0.78	19.76	0.81	20.55	0.82	21.94	0.84	23.04	0.85
	45	17.56	0.76	18.66	0.79	19.75	0.82	20.53	0.83	21.93	0.85	23.02	0.86
	50	17.55	0.77	18.64	0.80	19.73	0.83	20.52	0.84	21.91	0.86	23.00	0.88
	55	17.54	0.78	18.63	0.81	19.72	0.84	20.50	0.85	21.89	0.87	22.98	0.89
	60	17.52	0.80	18.61	0.82	19.70	0.85	20.49	0.86	21.88	0.88	22.97	0.90
	65	17.51	0.81	18.60	0.83	19.69	0.87	20.47	0.88	21.86	0.89	22.95	0.91
	70	17.50	0.82	18.58	0.85	19.67	0.88	20.46	0.89	21.84	0.90	22.93	0.92
	75	17.08	0.86	18.16	0.89	19.24	0.92	20.03	0.93	21.41	0.95	22.50	0.97
	80	16.66	0.90	17.74	0.94	18.82	0.97	19.60	0.98	20.98	1.00	22.06	1.02
	85	16.24	0.95	17.32	0.98	18.40	1.02	19.17	1.03	20.55	1.05	21.63	1.07
	90	15.82	0.99	16.90	1.03	17.97	1.06	18.75	1.08	20.12	1.10	21.20	1.12
	95	15.37	1.04	16.44	1.07	17.51	1.11	18.00	1.13	19.65	1.15	20.72	1.17
	100	14.99	1.08	16.06	1.12	17.13	1.16	17.77	1.17	19.28	1.19	20.35	1.22
	105	14.62	1.12	15.69	1.16	16.76	1.21	17.53	1.22	18.90	1.24	19.97	1.27
	110	14.24	1.17	15.32	1.21	16.39	1.25	17.16	1.27	18.53	1.29	19.60	1.32
	115	13.87	1.21	14.94	1.26	16.01	1.30	16.79	1.32	18.15	1.34	19.22	1.37
	118	13.65	1.24	14.72	1.28	15.79	1.33	16.56	1.34	17.93	1.37	19.00	1.40
	122	13.57	1.27	14.64	1.32	15.71	1.37	16.49	1.38	17.85	1.41	18.92	1.44
19	-4	18.68	0.71	19.84	0.73	21.00	0.76	21.84	0.77	23.32	0.78	24.48	0.80
	0	18.67	0.71	19.83	0.74	20.99	0.77	21.83	0.78	23.31	0.79	24.47	0.81
	5	18.65	0.73	19.81	0.75	20.97	0.78	21.81	0.79	23.29	0.80	24.45	0.82
	10	18.64	0.74	19.80	0.76	20.96	0.79	21.79	0.80	23.27	0.82	24.43	0.83
	14	18.63	0.75	19.78	0.77	20.94	0.80	21.77	0.81	23.25	0.83	24.41	0.84
	20	18.61	0.76	19.77	0.79	20.92	0.81	21.76	0.82	23.23	0.84	24.39	0.86
	25	18.60	0.77	19.75	0.80	20.91	0.83	21.74	0.84	23.22	0.85	24.37	0.87
	30	18.58	0.78	19.74	0.81	20.89	0.84	21.72	0.85	23.20	0.86	24.35	0.88
	35	18.57	0.79	19.72	0.82	20.88	0.85	21.71	0.86	23.18	0.87	24.33	0.89
	40	18.55	0.80	19.71	0.83	20.86	0.86	21.69	0.87	23.16	0.89	24.32	0.90
	45	18.54	0.81	19.69	0.84	20.84	0.87	21.67	0.88	23.15	0.90	24.30	0.92
	50	18.53	0.82	19.68	0.85	20.83	0.88	21.66	0.89	23.13	0.91	24.28	0.93
	55	18.51	0.83	19.66	0.86	20.81	0.89	21.64	0.91	23.11	0.92	24.26	0.94
	60	18.50	0.84	19.65	0.87	20.80	0.91	21.63	0.92	23.09	0.93	24.24	0.95
	65	18.48	0.85	19.63	0.89	20.78	0.92	21.61	0.93	23.08	0.95	24.22	0.96
	70	18.47	0.87	19.62	0.90	20.76	0.93	21.59	0.94	23.06	0.96	24.20	0.98
	75	18.02	0.91	19.17	0.95	20.31	0.98	21.14	0.99	22.60	1.01	23.75	1.03
	80	17.58	0.96	18.72	0.99	19.86	1.03	20.69	1.04	22.15	1.06	23.29	1.08
	85	17.14	1.01	18.28	1.04	19.42	1.08	20.24	1.09	21.69	1.11	22.83	1.14
	90	16.70	1.05	17.84	1.09	18.97	1.13	19.79	1.14	21.24	1.16	22.38	1.19
	95	16.22	1.10	17.35	1.14	18.48	1.18	19.00	1.19	20.74	1.22	21.87	1.24
	100	15.83	1.15	16.96	1.19	18.09	1.23	18.75	1.24	20.35	1.27	21.48	1.29
	105	15.43	1.19	16.56	1.24	17.69	1.28	18.51	1.30	19.95	1.32	21.08	1.35
	110	15.04	1.24	16.17	1.28	17.30	1.33	18.11	1.35	19.56	1.37	20.69	1.40
	115	14.64	1.29	15.77	1.33	16.90	1.38	17.72	1.40	19.16	1.42	20.29	1.45
	118	14.40	1.31	15.53	1.36	16.66	1.41	17.48	1.43	18.92	1.45	20.05	1.48
	122	14.33	1.35	15.46	1.40	16.59	1.45	17.40	1.47	18.85	1.50	19.98	1.53

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 2: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	19.66	0.75	20.88	0.77	22.11	0.80	22.99	0.81	24.55	0.83	25.77	0.84
	0	19.65	0.76	20.87	0.78	22.09	0.81	22.97	0.82	24.53	0.84	25.75	0.85
	5	19.64	0.77	20.86	0.80	22.07	0.82	22.96	0.83	24.51	0.85	25.73	0.87
	10	19.62	0.78	20.84	0.81	22.06	0.84	22.94	0.85	24.50	0.86	25.71	0.88
	14	19.61	0.79	20.82	0.82	22.04	0.85	22.92	0.86	24.48	0.88	25.69	0.89
	20	19.59	0.80	20.81	0.83	22.02	0.86	22.90	0.87	24.46	0.89	25.67	0.91
	25	19.58	0.81	20.79	0.84	22.01	0.87	22.89	0.88	24.44	0.90	25.65	0.92
	30	19.56	0.82	20.78	0.85	21.99	0.89	22.87	0.90	24.42	0.91	25.64	0.93
	35	19.55	0.84	20.76	0.87	21.97	0.90	22.85	0.91	24.40	0.93	25.62	0.94
	40	19.53	0.85	20.74	0.88	21.96	0.91	22.83	0.92	24.38	0.94	25.60	0.96
	45	19.52	0.86	20.73	0.89	21.94	0.92	22.82	0.93	24.36	0.95	25.58	0.97
	50	19.50	0.87	20.71	0.90	21.92	0.93	22.80	0.95	24.35	0.96	25.56	0.98
	55	19.49	0.88	20.70	0.91	21.91	0.95	22.78	0.96	24.33	0.98	25.54	1.00
	60	19.47	0.89	20.68	0.93	21.89	0.96	22.76	0.97	24.31	0.99	25.52	1.01
	65	19.46	0.90	20.66	0.94	21.87	0.97	22.75	0.98	24.29	1.00	25.50	1.02
	70	19.44	0.92	20.65	0.95	21.86	0.98	22.73	0.99	24.27	1.01	25.48	1.03
	75	18.97	0.96	20.18	1.00	21.38	1.04	22.25	1.05	23.79	1.07	25.00	1.09
	80	18.51	1.01	19.71	1.05	20.91	1.09	21.78	1.10	23.31	1.12	24.51	1.15
	85	18.04	1.06	19.24	1.10	20.44	1.14	21.30	1.16	22.84	1.18	24.03	1.20
	90	17.58	1.11	18.77	1.15	19.97	1.20	20.83	1.21	22.36	1.23	23.56	1.26
	95	17.08	1.16	18.26	1.20	19.45	1.25	20.00	1.26	21.83	1.29	23.02	1.31
	100	16.66	1.21	17.85	1.26	19.04	1.30	19.74	1.32	21.42	1.34	22.61	1.37
21	105	16.24	1.26	17.43	1.31	18.62	1.35	19.48	1.37	21.00	1.40	22.19	1.42
	110	15.83	1.31	17.02	1.36	18.21	1.41	19.07	1.42	20.59	1.45	21.78	1.48
	115	15.41	1.36	16.60	1.41	17.79	1.46	18.65	1.48	20.17	1.51	21.36	1.54
	118	15.16	1.39	16.35	1.44	17.54	1.49	18.40	1.51	19.92	1.54	21.11	1.57
	122	15.08	1.43	16.27	1.48	17.46	1.54	18.32	1.55	19.84	1.58	21.03	1.61
	-4	20.65	0.79	21.93	0.82	23.21	0.85	24.14	0.86	25.77	0.87	27.06	0.89
	0	20.63	0.80	21.92	0.83	23.20	0.86	24.12	0.87	25.76	0.88	27.04	0.90
	5	20.62	0.81	21.90	0.84	23.18	0.87	24.10	0.88	25.74	0.90	27.02	0.92
	10	20.60	0.82	21.88	0.85	23.16	0.88	24.08	0.89	25.72	0.91	27.00	0.93
	14	20.59	0.83	21.86	0.86	23.14	0.90	24.07	0.91	25.70	0.92	26.98	0.94
	20	20.57	0.85	21.85	0.88	23.13	0.91	24.05	0.92	25.68	0.94	26.96	0.96
	25	20.55	0.86	21.83	0.89	23.11	0.92	24.03	0.93	25.66	0.95	26.94	0.97
	30	20.54	0.87	21.81	0.90	23.09	0.94	24.01	0.95	25.64	0.96	26.92	0.98
	35	20.52	0.88	21.80	0.91	23.07	0.95	23.99	0.96	25.62	0.98	26.90	1.00
	40	20.51	0.89	21.78	0.93	23.05	0.96	23.97	0.97	25.60	0.99	26.88	1.01
	45	20.49	0.91	21.76	0.94	23.04	0.97	23.96	0.98	25.58	1.00	26.86	1.02
	50	20.48	0.92	21.75	0.95	23.02	0.99	23.94	1.00	25.56	1.02	26.83	1.04
	55	20.46	0.93	21.73	0.96	23.00	1.00	23.92	1.01	25.54	1.03	26.81	1.05
	60	20.44	0.94	21.71	0.98	22.98	1.01	23.90	1.02	25.52	1.04	26.79	1.06
	65	20.43	0.95	21.70	0.99	22.97	1.03	23.88	1.04	25.50	1.06	26.77	1.08
	70	20.41	0.97	21.68	1.00	22.95	1.04	23.86	1.05	25.48	1.07	26.75	1.09
	75	19.92	1.02	21.19	1.06	22.45	1.09	23.36	1.11	24.98	1.13	26.25	1.15
	80	19.43	1.07	20.69	1.11	21.95	1.15	22.87	1.16	24.48	1.19	25.74	1.21
	85	18.94	1.12	20.20	1.16	21.46	1.21	22.37	1.22	23.98	1.24	25.24	1.27
	90	18.46	1.17	19.71	1.22	20.97	1.26	21.87	1.28	23.48	1.30	24.73	1.33
	95	17.93	1.23	19.18	1.27	20.43	1.32	21.00	1.33	22.93	1.36	24.17	1.39
	100	17.49	1.28	18.74	1.33	19.99	1.37	20.73	1.39	22.49	1.42	23.74	1.44
	105	17.06	1.33	18.30	1.38	19.55	1.43	20.46	1.45	22.05	1.47	23.30	1.50
	110	16.62	1.38	17.87	1.43	19.12	1.49	20.02	1.50	21.62	1.53	22.86	1.56
	115	16.18	1.44	17.43	1.49	18.68	1.54	19.58	1.56	21.18	1.59	22.43	1.62
	118	15.92	1.47	17.17	1.52	18.42	1.58	19.32	1.59	20.92	1.62	22.17	1.66
	122	15.83	1.51	17.08	1.56	18.33	1.62	19.23	1.64	20.83	1.67	22.08	1.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 3: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	21.63	0.83	22.97	0.86	24.32	0.89	25.29	0.90	27.00	0.92	28.35	0.94
	0	21.62	0.84	22.96	0.87	24.30	0.90	25.27	0.91	26.99	0.93	28.33	0.95
	5	21.60	0.85	22.94	0.88	24.28	0.92	25.25	0.93	26.97	0.94	28.31	0.96
	10	21.58	0.87	22.92	0.90	24.26	0.93	25.23	0.94	26.94	0.96	28.29	0.98
	14	21.57	0.88	22.91	0.91	24.25	0.94	25.21	0.95	26.92	0.97	28.26	0.99
	20	21.55	0.89	22.89	0.92	24.23	0.96	25.19	0.97	26.90	0.99	28.24	1.01
	25	21.53	0.90	22.87	0.94	24.21	0.97	25.17	0.98	26.88	1.00	28.22	1.02
	30	21.52	0.92	22.85	0.95	24.19	0.98	25.15	1.00	26.86	1.01	28.20	1.04
	35	21.50	0.93	22.84	0.96	24.17	1.00	25.14	1.01	26.84	1.03	28.18	1.05
	40	21.48	0.94	22.82	0.98	24.15	1.01	25.12	1.02	26.82	1.04	28.16	1.06
	45	21.47	0.95	22.80	0.99	24.13	1.03	25.10	1.04	26.80	1.06	28.13	1.08
	50	21.45	0.97	22.78	1.00	24.12	1.04	25.08	1.05	26.78	1.07	28.11	1.09
	55	21.43	0.98	22.77	1.02	24.10	1.05	25.06	1.06	26.76	1.08	28.09	1.11
	60	21.42	0.99	22.75	1.03	24.08	1.07	25.04	1.08	26.74	1.10	28.07	1.12
	65	21.40	1.01	22.73	1.04	24.06	1.08	25.02	1.09	26.72	1.11	28.05	1.14
	70	21.39	1.02	22.71	1.05	24.04	1.09	25.00	1.11	26.70	1.13	28.03	1.15
	75	20.87	1.07	22.20	1.11	23.52	1.15	24.48	1.17	26.17	1.19	27.50	1.21
	80	20.36	1.13	21.68	1.17	23.00	1.21	23.95	1.23	25.64	1.25	26.96	1.27
	85	19.85	1.18	21.16	1.23	22.48	1.27	23.44	1.28	25.12	1.31	26.44	1.34
	90	19.34	1.24	20.65	1.28	21.97	1.33	22.92	1.34	24.60	1.37	25.91	1.40
	95	18.78	1.29	20.09	1.34	21.40	1.39	22.00	1.40	24.02	1.43	25.33	1.46
	100	18.33	1.35	19.63	1.40	20.94	1.45	21.71	1.46	23.56	1.49	24.87	1.52
	105	17.87	1.40	19.18	1.45	20.48	1.51	21.43	1.52	23.10	1.55	24.41	1.58
	110	17.41	1.46	18.72	1.51	20.03	1.57	20.97	1.58	22.64	1.61	23.95	1.65
	115	16.95	1.51	18.26	1.57	19.57	1.62	20.52	1.64	22.19	1.67	23.50	1.71
	118	16.68	1.54	17.99	1.60	19.30	1.66	20.24	1.68	21.91	1.71	23.22	1.74
	122	16.59	1.59	17.90	1.65	19.20	1.71	20.15	1.73	21.82	1.76	23.13	1.79
23	-4	22.61	0.87	24.02	0.91	25.42	0.94	26.44	0.95	28.23	0.97	29.63	0.99
	0	22.60	0.88	24.00	0.91	25.41	0.95	26.42	0.96	28.21	0.98	29.62	1.00
	5	22.58	0.90	23.98	0.93	25.39	0.96	26.40	0.97	28.19	0.99	29.59	1.01
	10	22.56	0.91	23.97	0.94	25.37	0.98	26.38	0.99	28.17	1.01	29.57	1.03
	14	22.55	0.92	23.95	0.96	25.35	0.99	26.36	1.00	28.15	1.02	29.55	1.04
	20	22.53	0.94	23.93	0.97	25.33	1.01	26.34	1.02	28.13	1.04	29.53	1.06
	25	22.51	0.95	23.91	0.98	25.31	1.02	26.32	1.03	28.10	1.05	29.50	1.07
	30	22.50	0.96	23.89	1.00	25.29	1.04	26.30	1.05	28.08	1.07	29.48	1.09
	35	22.48	0.98	23.87	1.01	25.27	1.05	26.28	1.06	28.06	1.08	29.46	1.10
	40	22.46	0.99	23.86	1.03	25.25	1.06	26.26	1.08	28.04	1.10	29.44	1.12
	45	22.44	1.00	23.84	1.04	25.23	1.08	26.24	1.09	28.02	1.11	29.41	1.13
	50	22.43	1.02	23.82	1.05	25.21	1.09	26.22	1.10	28.00	1.13	29.39	1.15
	55	22.41	1.03	23.80	1.07	25.19	1.11	26.20	1.12	27.98	1.14	29.37	1.16
	60	22.39	1.04	23.78	1.08	25.17	1.12	26.18	1.13	27.95	1.15	29.35	1.18
	65	22.37	1.06	23.76	1.09	25.15	1.13	26.16	1.15	27.93	1.17	29.32	1.19
	70	22.36	1.07	23.75	1.11	25.13	1.15	26.14	1.16	27.91	1.18	29.30	1.21
	75	21.82	1.13	23.20	1.17	24.59	1.21	25.59	1.23	27.36	1.25	28.75	1.27
	80	21.28	1.19	22.66	1.23	24.04	1.27	25.04	1.29	26.81	1.31	28.19	1.34
	85	20.75	1.24	22.13	1.29	23.50	1.34	24.50	1.35	26.26	1.38	27.64	1.40
	90	20.22	1.30	21.59	1.35	22.96	1.40	23.96	1.41	25.71	1.44	27.09	1.47
	95	19.64	1.36	21.00	1.41	22.37	1.46	23.00	1.48	25.11	1.50	26.48	1.53
	100	19.16	1.42	20.53	1.47	21.89	1.52	22.70	1.54	24.63	1.57	26.00	1.60
	105	18.68	1.47	20.05	1.53	21.42	1.58	22.40	1.60	24.15	1.63	25.52	1.66
	110	18.20	1.53	19.57	1.59	20.94	1.65	21.93	1.66	23.67	1.70	25.04	1.73
	115	17.72	1.59	19.09	1.65	20.46	1.71	21.45	1.73	23.20	1.76	24.56	1.79
	118	17.44	1.62	18.80	1.68	20.17	1.74	21.16	1.76	22.91	1.80	24.28	1.83
	122	17.34	1.67	18.71	1.73	20.08	1.79	21.07	1.81	22.81	1.85	24.18	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 4: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	23.60	0.92	25.06	0.95	26.53	0.98	27.58	1.00	29.46	1.01	30.92	1.03
	0	23.58	0.93	25.05	0.96	26.51	0.99	27.57	1.01	29.44	1.03	30.91	1.05
	5	23.56	0.94	25.03	0.98	26.49	1.01	27.55	1.02	29.42	1.04	30.88	1.06
	10	23.55	0.96	25.01	0.99	26.47	1.03	27.53	1.04	29.39	1.06	30.86	1.08
	14	23.53	0.97	24.99	1.00	26.45	1.04	27.50	1.05	29.37	1.07	30.83	1.09
	20	23.51	0.98	24.97	1.02	26.43	1.06	27.48	1.07	29.35	1.09	30.81	1.11
	25	23.49	1.00	24.95	1.03	26.41	1.07	27.46	1.08	29.33	1.10	30.79	1.13
	30	23.47	1.01	24.93	1.05	26.39	1.09	27.44	1.10	29.30	1.12	30.76	1.14
	35	23.46	1.02	24.91	1.06	26.37	1.10	27.42	1.11	29.28	1.13	30.74	1.16
	40	23.44	1.04	24.89	1.08	26.35	1.12	27.40	1.13	29.26	1.15	30.72	1.17
	45	23.42	1.05	24.87	1.09	26.33	1.13	27.38	1.14	29.24	1.17	30.69	1.19
	50	23.40	1.07	24.85	1.11	26.31	1.15	27.36	1.16	29.21	1.18	30.67	1.20
	55	23.38	1.08	24.84	1.12	26.29	1.16	27.34	1.17	29.19	1.20	30.64	1.22
	60	23.37	1.09	24.82	1.13	26.27	1.18	27.32	1.19	29.17	1.21	30.62	1.24
	65	23.35	1.11	24.80	1.15	26.25	1.19	27.29	1.20	29.15	1.23	30.60	1.25
	70	23.33	1.12	24.78	1.16	26.23	1.21	27.27	1.22	29.13	1.24	30.57	1.27
	75	22.77	1.18	24.21	1.23	25.66	1.27	26.70	1.29	28.55	1.31	29.99	1.34
	80	22.21	1.24	23.65	1.29	25.09	1.34	26.13	1.35	27.97	1.38	29.42	1.40
	85	21.65	1.30	23.09	1.35	24.53	1.40	25.57	1.42	27.40	1.44	28.84	1.47
	90	21.09	1.36	22.53	1.41	23.96	1.47	25.00	1.48	26.83	1.51	28.27	1.54
	95	20.49	1.42	21.92	1.48	23.35	1.53	24.00	1.55	26.20	1.58	27.63	1.61
	100	19.99	1.49	21.42	1.54	22.85	1.60	23.69	1.61	25.70	1.64	27.13	1.68
	105	19.49	1.55	20.92	1.60	22.35	1.66	23.38	1.68	25.20	1.71	26.63	1.75
	110	18.99	1.61	20.42	1.67	21.85	1.73	22.88	1.75	24.70	1.78	26.13	1.81
	115	18.49	1.67	19.92	1.73	21.35	1.79	22.38	1.81	24.20	1.85	25.63	1.88
	118	18.19	1.70	19.62	1.77	21.05	1.83	22.08	1.85	23.90	1.89	25.33	1.92
	122	18.10	1.75	19.52	1.82	20.95	1.88	21.98	1.90	23.81	1.94	25.23	1.98
25	-4	24.58	0.96	26.10	0.99	27.63	1.03	28.73	1.04	30.68	1.06	32.21	1.08
	0	24.57	0.97	26.09	1.01	27.62	1.04	28.72	1.05	30.67	1.07	32.19	1.10
	5	24.54	0.99	26.07	1.02	27.59	1.06	28.69	1.07	30.64	1.09	32.17	1.11
	10	24.53	1.00	26.05	1.04	27.57	1.07	28.67	1.09	30.62	1.11	32.14	1.13
	14	24.51	1.01	26.03	1.05	27.55	1.09	28.65	1.10	30.60	1.12	32.12	1.15
	20	24.49	1.03	26.01	1.07	27.53	1.11	28.63	1.12	30.57	1.14	32.09	1.16
	25	24.47	1.04	25.99	1.08	27.51	1.12	28.61	1.13	30.55	1.16	32.07	1.18
	30	24.45	1.06	25.97	1.10	27.49	1.14	28.59	1.15	30.53	1.17	32.04	1.20
	35	24.43	1.07	25.95	1.11	27.47	1.15	28.56	1.17	30.50	1.19	32.02	1.21
	40	24.41	1.09	25.93	1.13	27.45	1.17	28.54	1.18	30.48	1.20	32.00	1.23
	45	24.40	1.10	25.91	1.14	27.43	1.18	28.52	1.20	30.46	1.22	31.97	1.24
	50	24.38	1.12	25.89	1.16	27.40	1.20	28.50	1.21	30.43	1.24	31.95	1.26
	55	24.36	1.13	25.87	1.17	27.38	1.22	28.48	1.23	30.41	1.25	31.92	1.28
	60	24.34	1.15	25.85	1.19	27.36	1.23	28.45	1.25	30.39	1.27	31.90	1.29
	65	24.32	1.16	25.83	1.20	27.34	1.25	28.43	1.26	30.36	1.28	31.87	1.31
	70	24.30	1.18	25.81	1.22	27.32	1.26	28.41	1.28	30.34	1.30	31.85	1.33
	75	23.72	1.24	25.22	1.28	26.73	1.33	27.82	1.35	29.74	1.37	31.24	1.40
	80	23.13	1.30	24.63	1.35	26.14	1.40	27.22	1.41	29.14	1.44	30.64	1.47
	85	22.55	1.37	24.05	1.42	25.55	1.47	26.63	1.48	28.54	1.51	30.04	1.54
	90	21.97	1.43	23.47	1.48	24.96	1.54	26.04	1.55	27.95	1.58	29.44	1.61
	95	21.34	1.49	22.83	1.55	24.32	1.60	25.00	1.62	27.29	1.65	28.78	1.69
	100	20.82	1.56	22.31	1.61	23.80	1.67	24.68	1.69	26.77	1.72	28.26	1.76
	105	20.30	1.62	21.79	1.68	23.28	1.74	24.35	1.76	26.25	1.79	27.74	1.83
	110	19.78	1.68	21.27	1.74	22.76	1.81	23.83	1.83	25.73	1.86	27.22	1.90
	115	19.26	1.75	20.75	1.81	22.24	1.88	23.31	1.90	25.21	1.93	26.70	1.97
	118	18.95	1.78	20.44	1.85	21.93	1.92	23.00	1.94	24.90	1.97	26.39	2.01
	122	18.85	1.83	20.34	1.90	21.82	1.97	22.90	1.99	24.80	2.03	26.28	2.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 5: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	25.56	1.00	27.15	1.04	28.74	1.08	29.88	1.09	31.91	1.11	33.50	1.13
	0	25.55	1.01	27.13	1.05	28.72	1.09	29.87	1.10	31.89	1.12	33.48	1.15
	5	25.53	1.03	27.11	1.07	28.70	1.11	29.84	1.12	31.87	1.14	33.45	1.16
	10	25.51	1.05	27.09	1.08	28.68	1.12	29.82	1.14	31.84	1.16	33.43	1.18
	14	25.49	1.06	27.07	1.10	28.65	1.14	29.80	1.15	31.82	1.17	33.40	1.20
	20	25.47	1.08	27.05	1.12	28.63	1.16	29.77	1.17	31.80	1.19	33.38	1.22
	25	25.45	1.09	27.03	1.13	28.61	1.17	29.75	1.19	31.77	1.21	33.35	1.23
	30	25.43	1.11	27.01	1.15	28.59	1.19	29.73	1.20	31.75	1.23	33.33	1.25
	35	25.41	1.12	26.99	1.16	28.57	1.21	29.71	1.22	31.72	1.24	33.30	1.27
	40	25.39	1.14	26.97	1.18	28.54	1.22	29.68	1.24	31.70	1.26	33.27	1.28
	45	25.37	1.15	26.95	1.19	28.52	1.24	29.66	1.25	31.67	1.28	33.25	1.30
	50	25.35	1.17	26.93	1.21	28.50	1.25	29.64	1.27	31.65	1.29	33.22	1.32
	55	25.33	1.18	26.91	1.23	28.48	1.27	29.61	1.29	31.63	1.31	33.20	1.34
	60	25.31	1.20	26.88	1.24	28.46	1.29	29.59	1.30	31.60	1.33	33.17	1.35
	65	25.29	1.21	26.86	1.26	28.43	1.30	29.57	1.32	31.58	1.34	33.15	1.37
	70	25.27	1.23	26.84	1.27	28.41	1.32	29.55	1.34	31.55	1.36	33.12	1.39
	75	24.67	1.30	26.23	1.34	27.80	1.39	28.93	1.41	30.93	1.43	32.49	1.46
	80	24.06	1.36	25.62	1.41	27.18	1.46	28.31	1.48	30.31	1.51	31.87	1.54
	85	23.45	1.43	25.01	1.48	26.57	1.53	27.70	1.55	29.69	1.58	31.24	1.61
	90	22.85	1.49	24.41	1.55	25.96	1.61	27.08	1.62	29.07	1.65	30.62	1.69
	95	22.20	1.56	23.74	1.62	25.29	1.68	26.00	1.70	28.38	1.73	29.93	1.76
	100	21.66	1.63	23.20	1.69	24.75	1.75	25.66	1.77	27.84	1.80	29.39	1.84
27	105	21.12	1.69	22.66	1.75	24.21	1.82	25.33	1.84	27.30	1.87	28.85	1.91
	110	20.58	1.76	22.12	1.82	23.67	1.89	24.79	1.91	26.76	1.95	28.31	1.99
	115	20.04	1.83	21.58	1.89	23.13	1.96	24.25	1.98	26.22	2.02	27.77	2.06
	118	19.71	1.87	21.26	1.93	22.80	2.00	23.92	2.03	25.90	2.07	27.44	2.11
	122	19.60	1.92	21.15	1.99	22.70	2.06	23.81	2.08	25.79	2.12	27.34	2.17
	-4	26.54	1.05	28.19	1.09	29.84	1.13	31.03	1.14	33.14	1.16	34.79	1.18
	0	26.53	1.06	28.18	1.10	29.83	1.14	31.02	1.15	33.12	1.17	34.77	1.20
	5	26.51	1.08	28.15	1.12	29.80	1.16	30.99	1.17	33.09	1.19	34.74	1.22
	10	26.49	1.09	28.13	1.13	29.78	1.17	30.97	1.19	33.07	1.21	34.71	1.23
	14	26.47	1.11	28.11	1.15	29.76	1.19	30.94	1.20	33.04	1.23	34.69	1.25
	20	26.45	1.12	28.09	1.16	29.73	1.21	30.92	1.22	33.02	1.24	34.66	1.27
	25	26.43	1.14	28.07	1.18	29.71	1.22	30.90	1.24	32.99	1.26	34.63	1.29
	30	26.41	1.16	28.05	1.20	29.69	1.24	30.87	1.26	32.97	1.28	34.61	1.31
	35	26.39	1.17	28.03	1.21	29.66	1.26	30.85	1.27	32.94	1.30	34.58	1.32
	40	26.37	1.19	28.00	1.23	29.64	1.28	30.82	1.29	32.92	1.31	34.55	1.34
	45	26.35	1.20	27.98	1.25	29.62	1.29	30.80	1.31	32.89	1.33	34.53	1.36
	50	26.33	1.22	27.96	1.26	29.60	1.31	30.78	1.33	32.87	1.35	34.50	1.38
	55	26.31	1.24	27.94	1.28	29.57	1.33	30.75	1.34	32.84	1.37	34.48	1.40
	60	26.29	1.25	27.92	1.30	29.55	1.34	30.73	1.36	32.82	1.39	34.45	1.41
	65	26.27	1.27	27.90	1.31	29.53	1.36	30.71	1.38	32.79	1.40	34.42	1.43
	70	26.25	1.28	27.88	1.33	29.51	1.38	30.68	1.39	32.77	1.42	34.40	1.45
	75	25.61	1.35	27.24	1.40	28.87	1.45	30.04	1.47	32.12	1.50	33.74	1.53
	80	24.98	1.42	26.60	1.47	28.23	1.53	29.40	1.54	31.47	1.57	33.09	1.61
	85	24.36	1.49	25.97	1.55	27.59	1.60	28.76	1.62	30.83	1.65	32.45	1.68
	90	23.73	1.56	25.34	1.62	26.96	1.68	28.12	1.70	30.19	1.73	31.80	1.76
	95	23.05	1.63	24.66	1.69	26.26	1.75	27.00	1.77	29.48	1.80	31.08	1.84
	100	22.49	1.70	24.10	1.76	25.70	1.82	26.65	1.85	28.91	1.88	30.52	1.92
	105	21.93	1.77	23.53	1.83	25.14	1.90	26.30	1.92	28.35	1.96	29.96	2.00
	110	21.37	1.84	22.97	1.90	24.58	1.97	25.74	2.00	27.79	2.03	29.40	2.07
	115	20.81	1.91	22.41	1.98	24.02	2.05	25.18	2.07	27.23	2.11	28.84	2.15
	118	20.47	1.95	22.08	2.02	23.68	2.09	24.84	2.12	26.89	2.16	28.50	2.20
	122	20.36	2.00	21.96	2.08	23.57	2.15	24.73	2.18	26.78	2.22	28.39	2.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 6: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	27.53	1.09	29.24	1.13	30.95	1.17	32.18	1.19	34.37	1.21	36.08	1.23
	0	27.51	1.10	29.22	1.14	30.93	1.19	32.16	1.20	34.35	1.22	36.06	1.25
	5	27.49	1.12	29.20	1.16	30.90	1.21	32.14	1.22	34.32	1.24	36.03	1.27
	10	27.47	1.14	29.18	1.18	30.88	1.22	32.11	1.24	34.29	1.26	36.00	1.29
	14	27.45	1.16	29.15	1.20	30.86	1.24	32.09	1.26	34.27	1.28	35.97	1.30
	20	27.43	1.17	29.13	1.21	30.83	1.26	32.06	1.27	34.24	1.30	35.94	1.32
	25	27.41	1.19	29.11	1.23	30.81	1.28	32.04	1.29	34.21	1.32	35.92	1.34
	30	27.39	1.21	29.09	1.25	30.79	1.29	32.02	1.31	34.19	1.33	35.89	1.36
	35	27.36	1.22	29.06	1.27	30.76	1.31	31.99	1.33	34.16	1.35	35.86	1.38
	40	27.34	1.24	29.04	1.28	30.74	1.33	31.97	1.35	34.14	1.37	35.83	1.40
	45	27.32	1.25	29.02	1.30	30.72	1.35	31.94	1.36	34.11	1.39	35.81	1.42
	50	27.30	1.27	29.00	1.32	30.69	1.37	31.92	1.38	34.08	1.41	35.78	1.44
	55	27.28	1.29	28.98	1.34	30.67	1.38	31.89	1.40	34.06	1.43	35.75	1.45
	60	27.26	1.30	28.95	1.35	30.65	1.40	31.87	1.42	34.03	1.44	35.72	1.47
	65	27.24	1.32	28.93	1.37	30.62	1.42	31.84	1.44	34.01	1.46	35.70	1.49
	70	27.22	1.34	28.91	1.39	30.60	1.44	31.82	1.45	33.98	1.48	35.67	1.51
	75	26.56	1.41	28.25	1.46	29.94	1.51	31.15	1.53	33.31	1.56	34.99	1.59
	80	25.91	1.48	27.59	1.54	29.27	1.59	30.49	1.61	32.64	1.64	34.32	1.67
	85	25.26	1.55	26.94	1.61	28.61	1.67	29.83	1.69	31.97	1.72	33.65	1.76
	90	24.61	1.63	26.28	1.69	27.96	1.75	29.17	1.77	31.30	1.80	32.98	1.84
	95	23.91	1.70	25.57	1.76	27.24	1.83	28.00	1.85	30.57	1.88	32.23	1.92
	100	23.32	1.77	24.99	1.84	26.65	1.90	27.64	1.92	29.98	1.96	31.65	2.00
	105	22.74	1.84	24.41	1.91	26.07	1.98	27.27	2.00	29.40	2.04	31.07	2.08
	110	22.16	1.92	23.82	1.99	25.49	2.06	26.69	2.08	28.82	2.12	30.49	2.16
	115	21.58	1.99	23.24	2.06	24.91	2.14	26.11	2.16	28.24	2.20	29.90	2.24
	118	21.23	2.03	22.89	2.10	24.56	2.18	25.76	2.21	27.89	2.25	29.55	2.29
	122	21.11	2.09	22.78	2.16	24.44	2.24	25.64	2.27	27.77	2.31	29.44	2.36
29	-4	28.51	1.14	30.28	1.18	32.05	1.22	33.33	1.24	35.59	1.26	37.36	1.28
	0	28.50	1.15	30.27	1.19	32.03	1.24	33.31	1.25	35.57	1.27	37.34	1.30
	5	28.47	1.17	30.24	1.21	32.01	1.26	33.29	1.27	35.54	1.29	37.31	1.32
	10	28.45	1.19	30.22	1.23	31.98	1.27	33.26	1.29	35.52	1.31	37.28	1.34
	14	28.43	1.20	30.19	1.25	31.96	1.29	33.23	1.31	35.49	1.33	37.26	1.36
	20	28.41	1.22	30.17	1.27	31.94	1.31	33.21	1.33	35.46	1.35	37.23	1.38
	25	28.39	1.24	30.15	1.28	31.91	1.33	33.18	1.35	35.44	1.37	37.20	1.40
	30	28.36	1.26	30.13	1.30	31.89	1.35	33.16	1.36	35.41	1.39	37.17	1.42
	35	28.34	1.27	30.10	1.32	31.86	1.37	33.13	1.38	35.38	1.41	37.14	1.44
	40	28.32	1.29	30.08	1.34	31.84	1.39	33.11	1.40	35.36	1.43	37.11	1.46
	45	28.30	1.31	30.06	1.35	31.81	1.40	33.08	1.42	35.33	1.45	37.09	1.48
	50	28.28	1.32	30.03	1.37	31.79	1.42	33.06	1.44	35.30	1.47	37.06	1.50
	55	28.26	1.34	30.01	1.39	31.76	1.44	33.03	1.46	35.27	1.49	37.03	1.52
	60	28.23	1.36	29.99	1.41	31.74	1.46	33.01	1.48	35.25	1.50	37.00	1.53
	65	28.21	1.38	29.96	1.43	31.72	1.48	32.98	1.50	35.22	1.52	36.97	1.55
	70	28.19	1.39	29.94	1.44	31.69	1.50	32.96	1.51	35.19	1.54	36.94	1.57
	75	27.51	1.47	29.26	1.52	31.00	1.58	32.27	1.60	34.50	1.63	36.24	1.66
	80	26.83	1.54	28.58	1.60	30.32	1.66	31.58	1.68	33.80	1.71	35.54	1.74
	85	26.16	1.62	27.90	1.68	29.64	1.74	30.89	1.76	33.11	1.79	34.85	1.83
	90	25.49	1.69	27.22	1.76	28.96	1.82	30.21	1.84	32.42	1.88	34.16	1.91
	95	24.76	1.77	26.48	1.83	28.21	1.90	29.00	1.92	31.66	1.96	33.38	2.00
	100	24.16	1.84	25.88	1.91	27.61	1.98	28.62	2.00	31.06	2.04	32.78	2.08
	105	23.55	1.92	25.28	1.99	27.00	2.06	28.25	2.09	30.45	2.13	32.18	2.17
	110	22.95	1.99	24.68	2.07	26.40	2.14	27.65	2.17	29.85	2.21	31.57	2.25
	115	22.35	2.07	24.07	2.15	25.80	2.22	27.04	2.25	29.25	2.29	30.97	2.34
	118	21.99	2.11	23.71	2.19	25.44	2.27	26.68	2.30	28.88	2.34	30.61	2.39
	122	21.86	2.18	23.59	2.25	25.31	2.34	26.56	2.36	28.76	2.41	30.49	2.46

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 7: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	29.49	1.18	31.33	1.23	33.16	1.27	34.48	1.29	36.82	1.31	38.65	1.34
	0	29.48	1.20	31.31	1.24	33.14	1.29	34.46	1.30	36.80	1.32	38.63	1.35
	5	29.45	1.22	31.28	1.26	33.11	1.31	34.43	1.32	36.77	1.35	38.60	1.37
	10	29.43	1.23	31.26	1.28	33.09	1.33	34.41	1.34	36.74	1.37	38.57	1.39
	14	29.41	1.25	31.24	1.30	33.06	1.34	34.38	1.36	36.71	1.39	38.54	1.41
	20	29.39	1.27	31.21	1.32	33.04	1.36	34.35	1.38	36.69	1.41	38.51	1.43
	25	29.36	1.29	31.19	1.33	33.01	1.38	34.33	1.40	36.66	1.43	38.48	1.45
	30	29.34	1.31	31.16	1.35	32.99	1.40	34.30	1.42	36.63	1.45	38.45	1.47
	35	29.32	1.32	31.14	1.37	32.96	1.42	34.28	1.44	36.60	1.47	38.42	1.49
	40	29.30	1.34	31.12	1.39	32.94	1.44	34.25	1.46	36.57	1.49	38.39	1.52
	45	29.27	1.36	31.09	1.41	32.91	1.46	34.22	1.48	36.55	1.51	38.36	1.54
	50	29.25	1.38	31.07	1.43	32.89	1.48	34.20	1.50	36.52	1.52	38.34	1.56
	55	29.23	1.40	31.04	1.45	32.86	1.50	34.17	1.52	36.49	1.54	38.31	1.58
	60	29.21	1.41	31.02	1.47	32.83	1.52	34.14	1.54	36.46	1.56	38.28	1.60
	65	29.18	1.43	31.00	1.48	32.81	1.54	34.12	1.56	36.43	1.58	38.25	1.62
	70	29.16	1.45	30.97	1.50	32.78	1.56	34.09	1.58	36.41	1.60	38.22	1.64
	75	28.46	1.53	30.27	1.58	32.07	1.64	33.38	1.66	35.69	1.69	37.49	1.73
	80	27.76	1.61	29.56	1.66	31.36	1.73	32.66	1.75	34.97	1.78	36.77	1.81
	85	27.06	1.68	28.86	1.75	30.66	1.81	31.96	1.83	34.25	1.86	36.05	1.90
	90	26.37	1.76	28.16	1.83	29.95	1.89	31.25	1.92	33.54	1.95	35.33	1.99
	95	25.61	1.84	27.40	1.91	29.18	1.98	30.00	2.00	32.75	2.04	34.53	2.08
	100	24.99	1.92	26.77	1.99	28.56	2.06	29.61	2.08	32.13	2.12	33.91	2.17
31	105	24.37	2.00	26.15	2.07	27.93	2.15	29.22	2.17	31.50	2.21	33.29	2.26
	110	23.74	2.07	25.53	2.15	27.31	2.23	28.60	2.25	30.88	2.30	32.66	2.34
	115	23.12	2.15	24.90	2.23	26.69	2.31	27.98	2.34	30.26	2.38	32.04	2.43
	118	22.74	2.20	24.53	2.28	26.31	2.36	27.60	2.39	29.88	2.44	31.67	2.48
	122	22.62	2.26	24.40	2.35	26.19	2.43	27.48	2.46	29.76	2.50	31.54	2.56
	-4	30.48	1.23	32.37	1.27	34.26	1.32	35.63	1.34	38.05	1.36	39.94	1.39
	0	30.46	1.24	32.35	1.29	34.24	1.34	35.61	1.35	38.03	1.38	39.92	1.40
	5	30.44	1.26	32.33	1.31	34.22	1.36	35.58	1.37	38.00	1.40	39.89	1.43
	10	30.41	1.28	32.30	1.33	34.19	1.38	35.55	1.39	37.97	1.42	39.86	1.45
	14	30.39	1.30	32.28	1.35	34.16	1.40	35.53	1.41	37.94	1.44	39.83	1.47
	20	30.37	1.32	32.25	1.37	34.14	1.42	35.50	1.43	37.91	1.46	39.80	1.49
	25	30.34	1.34	32.23	1.39	34.11	1.44	35.47	1.45	37.88	1.48	39.77	1.51
	30	30.32	1.36	32.20	1.41	34.09	1.46	35.45	1.47	37.85	1.50	39.73	1.53
	35	30.30	1.38	32.18	1.43	34.06	1.48	35.42	1.49	37.82	1.52	39.70	1.55
	40	30.27	1.39	32.15	1.44	34.03	1.50	35.39	1.51	37.79	1.54	39.67	1.57
	45	30.25	1.41	32.13	1.46	34.01	1.52	35.36	1.54	37.76	1.56	39.64	1.60
	50	30.23	1.43	32.10	1.48	33.98	1.54	35.34	1.56	37.74	1.58	39.61	1.62
	55	30.20	1.45	32.08	1.50	33.96	1.56	35.31	1.58	37.71	1.61	39.58	1.64
	60	30.18	1.47	32.05	1.52	33.93	1.58	35.28	1.60	37.68	1.63	39.55	1.66
	65	30.16	1.49	32.03	1.54	33.90	1.60	35.26	1.62	37.65	1.65	39.52	1.68
	70	30.13	1.51	32.01	1.56	33.88	1.62	35.23	1.64	37.62	1.67	39.49	1.70
	75	29.41	1.59	31.28	1.65	33.14	1.71	34.49	1.73	36.88	1.76	38.74	1.79
	80	28.68	1.67	30.55	1.73	32.41	1.79	33.75	1.81	36.13	1.85	38.00	1.88
	85	27.97	1.75	29.82	1.81	31.68	1.88	33.02	1.90	35.40	1.94	37.25	1.98
	90	27.25	1.83	29.10	1.90	30.95	1.97	32.29	1.99	34.66	2.03	36.51	2.07
	95	26.47	1.91	28.31	1.98	30.15	2.05	31.00	2.08	33.84	2.12	35.69	2.16
	100	25.82	1.99	27.67	2.07	29.51	2.14	30.60	2.17	33.20	2.21	35.04	2.25
	105	25.18	2.07	27.02	2.15	28.87	2.23	30.20	2.25	32.55	2.30	34.40	2.34
	110	24.53	2.16	26.38	2.23	28.22	2.32	29.55	2.34	31.91	2.39	33.75	2.44
	115	23.89	2.24	25.73	2.32	27.58	2.40	28.91	2.43	31.26	2.48	33.11	2.53
	118	23.50	2.29	25.35	2.37	27.19	2.46	28.52	2.48	30.88	2.53	32.72	2.58
	122	23.37	2.35	25.22	2.44	27.06	2.53	28.39	2.56	30.75	2.60	32.59	2.66

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 8: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	31.46	1.28	33.41	1.32	35.37	1.37	36.78	1.39	39.28	1.41	41.23	1.44
	0	31.44	1.29	33.40	1.34	35.35	1.39	36.76	1.40	39.25	1.43	41.21	1.46
	5	31.42	1.31	33.37	1.36	35.32	1.41	36.73	1.42	39.22	1.45	41.17	1.48
	10	31.39	1.33	33.34	1.38	35.29	1.43	36.70	1.45	39.19	1.47	41.14	1.50
	14	31.37	1.35	33.32	1.40	35.27	1.45	36.67	1.47	39.16	1.49	41.11	1.52
	20	31.35	1.37	33.29	1.42	35.24	1.47	36.64	1.49	39.13	1.52	41.08	1.55
	25	31.32	1.39	33.27	1.44	35.21	1.49	36.62	1.51	39.10	1.54	41.05	1.57
	30	31.30	1.41	33.24	1.46	35.19	1.51	36.59	1.53	39.07	1.56	41.02	1.59
	35	31.27	1.43	33.22	1.48	35.16	1.53	36.56	1.55	39.04	1.58	40.99	1.61
	40	31.25	1.45	33.19	1.50	35.13	1.55	36.53	1.57	39.01	1.60	40.95	1.63
	45	31.23	1.47	33.17	1.52	35.10	1.58	36.51	1.59	38.98	1.62	40.92	1.66
	50	31.20	1.49	33.14	1.54	35.08	1.60	36.48	1.61	38.95	1.64	40.89	1.68
	55	31.18	1.51	33.11	1.56	35.05	1.62	36.45	1.64	38.92	1.67	40.86	1.70
	60	31.15	1.52	33.09	1.58	35.02	1.64	36.42	1.66	38.89	1.69	40.83	1.72
	65	31.13	1.54	33.06	1.60	35.00	1.66	36.39	1.68	38.86	1.71	40.80	1.74
	70	31.11	1.56	33.04	1.62	34.97	1.68	36.37	1.70	38.83	1.73	40.77	1.77
	75	30.36	1.65	32.28	1.71	34.21	1.77	35.60	1.79	38.07	1.82	39.99	1.86
	80	29.61	1.73	31.53	1.80	33.45	1.86	34.84	1.88	37.30	1.92	39.22	1.96
	85	28.87	1.82	30.78	1.88	32.70	1.95	34.09	1.97	36.54	2.01	38.46	2.05
	90	28.13	1.90	30.04	1.97	31.95	2.04	33.33	2.07	35.78	2.10	37.69	2.15
	95	27.32	1.99	29.22	2.06	31.13	2.13	32.00	2.16	34.93	2.20	36.84	2.24
	100	26.65	2.07	28.56	2.15	30.46	2.22	31.59	2.25	34.27	2.29	36.17	2.34
33	105	25.99	2.15	27.89	2.23	29.80	2.31	31.17	2.34	33.60	2.38	35.51	2.43
	110	25.32	2.24	27.23	2.32	29.13	2.40	30.51	2.43	32.94	2.48	34.84	2.53
	115	24.66	2.32	26.56	2.41	28.47	2.50	29.84	2.52	32.27	2.57	34.18	2.62
	118	24.26	2.37	26.16	2.46	28.07	2.55	29.44	2.58	31.87	2.63	33.78	2.68
	122	24.13	2.44	26.03	2.53	27.93	2.62	29.31	2.65	31.74	2.70	33.64	2.76
	-4	32.44	1.32	34.46	1.37	36.47	1.42	37.93	1.44	40.50	1.47	42.52	1.49
	0	32.43	1.34	34.44	1.39	36.45	1.44	37.91	1.45	40.48	1.48	42.49	1.51
	5	32.40	1.36	34.41	1.41	36.42	1.46	37.88	1.48	40.45	1.51	42.46	1.54
	10	32.37	1.38	34.39	1.43	36.40	1.48	37.85	1.50	40.42	1.53	42.43	1.56
	14	32.35	1.40	34.36	1.45	36.37	1.50	37.82	1.52	40.39	1.55	42.40	1.58
	20	32.33	1.42	34.33	1.47	36.34	1.53	37.79	1.54	40.36	1.57	42.36	1.60
	25	32.30	1.44	34.31	1.49	36.31	1.55	37.76	1.57	40.32	1.59	42.33	1.63
	30	32.28	1.46	34.28	1.51	36.28	1.57	37.73	1.59	40.29	1.62	42.30	1.65
	35	32.25	1.48	34.25	1.53	36.26	1.59	37.70	1.61	40.26	1.64	42.27	1.67
	40	32.23	1.50	34.23	1.56	36.23	1.61	37.67	1.63	40.23	1.66	42.23	1.69
	45	32.20	1.52	34.20	1.58	36.20	1.63	37.65	1.65	40.20	1.68	42.20	1.72
	50	32.18	1.54	34.18	1.60	36.17	1.66	37.62	1.67	40.17	1.71	42.17	1.74
	55	32.15	1.56	34.15	1.62	36.15	1.68	37.59	1.70	40.14	1.73	42.14	1.76
	60	32.13	1.58	34.12	1.64	36.12	1.70	37.56	1.72	40.11	1.75	42.10	1.79
	65	32.10	1.60	34.10	1.66	36.09	1.72	37.53	1.74	40.08	1.77	42.07	1.81
	70	32.08	1.62	34.07	1.68	36.06	1.74	37.50	1.76	40.05	1.79	42.04	1.83
	75	31.31	1.71	33.29	1.77	35.28	1.84	36.72	1.86	39.26	1.89	41.24	1.93
	80	30.53	1.80	32.52	1.86	34.50	1.93	35.93	1.95	38.46	1.99	40.45	2.03
	85	29.77	1.88	31.75	1.95	33.72	2.02	35.15	2.05	37.68	2.09	39.66	2.13
	90	29.00	1.97	30.98	2.04	32.95	2.12	34.37	2.14	36.89	2.18	38.87	2.23
	95	28.17	2.06	30.14	2.13	32.10	2.21	33.00	2.24	36.03	2.28	37.99	2.33
	100	27.49	2.15	29.45	2.22	31.41	2.31	32.57	2.33	35.34	2.38	37.30	2.42
	105	26.80	2.23	28.76	2.32	30.73	2.40	32.14	2.43	34.65	2.47	36.62	2.52
	110	26.12	2.32	28.08	2.41	30.04	2.49	31.46	2.52	33.97	2.57	35.93	2.62
	115	25.43	2.41	27.39	2.50	29.36	2.59	30.77	2.62	33.28	2.67	35.24	2.72
	118	25.02	2.46	26.98	2.55	28.94	2.64	30.36	2.67	32.87	2.72	34.83	2.78
	122	24.88	2.53	26.84	2.62	28.81	2.72	30.22	2.75	32.73	2.80	34.69	2.86

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 9: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	33.43	1.37	35.50	1.42	37.58	1.47	39.08	1.49	41.73	1.52	43.81	1.55
	0	33.41	1.39	35.48	1.44	37.56	1.49	39.06	1.51	41.71	1.53	43.78	1.57
	5	33.38	1.41	35.45	1.46	37.53	1.51	39.02	1.53	41.67	1.56	43.75	1.59
	10	33.36	1.43	35.43	1.48	37.50	1.54	38.99	1.55	41.64	1.58	43.71	1.61
	14	33.33	1.45	35.40	1.50	37.47	1.56	38.96	1.58	41.61	1.61	43.68	1.64
	20	33.30	1.47	35.37	1.53	37.44	1.58	38.94	1.60	41.58	1.63	43.65	1.66
	25	33.28	1.49	35.35	1.55	37.41	1.60	38.91	1.62	41.55	1.65	43.61	1.69
	30	33.25	1.51	35.32	1.57	37.38	1.63	38.88	1.64	41.51	1.68	43.58	1.71
	35	33.23	1.53	35.29	1.59	37.36	1.65	38.85	1.67	41.48	1.70	43.55	1.73
	40	33.20	1.55	35.27	1.61	37.33	1.67	38.82	1.69	41.45	1.72	43.51	1.76
	45	33.18	1.58	35.24	1.63	37.30	1.69	38.79	1.71	41.42	1.74	43.48	1.78
	50	33.15	1.60	35.21	1.65	37.27	1.72	38.76	1.74	41.39	1.77	43.45	1.80
	55	33.13	1.62	35.18	1.68	37.24	1.74	38.73	1.76	41.36	1.79	43.41	1.83
	60	33.10	1.64	35.16	1.70	37.21	1.76	38.70	1.78	41.32	1.81	43.38	1.85
	65	33.08	1.66	35.13	1.72	37.18	1.78	38.67	1.80	41.29	1.84	43.35	1.87
	70	33.05	1.68	35.10	1.74	37.16	1.80	38.64	1.83	41.26	1.86	43.31	1.90
	75	32.26	1.77	34.30	1.84	36.35	1.90	37.83	1.92	40.45	1.96	42.49	2.00
	80	31.46	1.86	33.50	1.93	35.54	2.00	37.02	2.02	39.63	2.06	41.67	2.10
	85	30.67	1.95	32.71	2.02	34.75	2.10	36.22	2.12	38.82	2.16	40.86	2.20
	90	29.88	2.04	31.92	2.12	33.95	2.19	35.42	2.22	38.01	2.26	40.05	2.31
	95	29.03	2.13	31.05	2.21	33.07	2.29	34.00	2.32	37.12	2.36	39.14	2.41
	100	28.32	2.22	30.34	2.30	32.37	2.39	33.56	2.42	36.41	2.46	38.43	2.51
	105	27.61	2.31	29.64	2.40	31.66	2.49	33.12	2.52	35.70	2.56	37.73	2.61
	110	26.91	2.41	28.93	2.49	30.95	2.58	32.41	2.61	35.00	2.66	37.02	2.72
	115	26.20	2.50	28.22	2.59	30.24	2.68	31.71	2.71	34.29	2.76	36.31	2.82
	118	25.78	2.55	27.80	2.64	29.82	2.74	31.28	2.77	33.87	2.82	35.89	2.88
	122	25.63	2.62	27.66	2.72	29.68	2.82	31.14	2.85	33.72	2.90	35.75	2.96
35	-4	34.41	1.42	36.55	1.47	38.68	1.53	40.23	1.54	42.96	1.57	45.09	1.60
	0	34.39	1.44	36.53	1.49	38.66	1.54	40.21	1.56	42.93	1.59	45.07	1.62
	5	34.36	1.46	36.50	1.51	38.63	1.57	40.17	1.59	42.90	1.61	45.03	1.65
	10	34.34	1.48	36.47	1.53	38.60	1.59	40.14	1.61	42.87	1.64	45.00	1.67
	14	34.31	1.50	36.44	1.56	38.57	1.61	40.11	1.63	42.83	1.66	44.96	1.70
	20	34.28	1.52	36.41	1.58	38.54	1.64	40.08	1.66	42.80	1.69	44.93	1.72
	25	34.26	1.55	36.39	1.60	38.51	1.66	40.05	1.68	42.77	1.71	44.90	1.74
	30	34.23	1.57	36.36	1.62	38.48	1.68	40.02	1.70	42.74	1.73	44.86	1.77
	35	34.21	1.59	36.33	1.65	38.45	1.71	39.99	1.73	42.70	1.76	44.83	1.79
	40	34.18	1.61	36.30	1.67	38.42	1.73	39.96	1.75	42.67	1.78	44.79	1.82
	45	34.15	1.63	36.27	1.69	38.40	1.75	39.93	1.77	42.64	1.81	44.76	1.84
	50	34.13	1.65	36.25	1.71	38.37	1.78	39.90	1.80	42.61	1.83	44.72	1.87
	55	34.10	1.67	36.22	1.74	38.34	1.80	39.87	1.82	42.57	1.85	44.69	1.89
	60	34.07	1.70	36.19	1.76	38.31	1.82	39.84	1.84	42.54	1.88	44.66	1.92
	65	34.05	1.72	36.16	1.78	38.28	1.85	39.81	1.87	42.51	1.90	44.62	1.94
	70	34.02	1.74	36.14	1.80	38.25	1.87	39.77	1.89	42.47	1.93	44.59	1.96
	75	33.20	1.83	35.31	1.90	37.42	1.97	38.94	1.99	41.63	2.03	43.74	2.07
	80	32.39	1.93	34.49	2.00	36.59	2.07	38.11	2.09	40.80	2.13	42.90	2.18
	85	31.57	2.02	33.67	2.09	35.77	2.17	37.28	2.20	39.96	2.24	42.06	2.28
	90	30.76	2.11	32.85	2.19	34.95	2.27	36.46	2.30	39.13	2.34	41.22	2.39
	95	29.88	2.21	31.96	2.29	34.04	2.37	35.00	2.40	38.21	2.44	40.29	2.49
	100	29.15	2.30	31.24	2.39	33.32	2.47	34.55	2.50	37.48	2.55	39.56	2.60
	105	28.43	2.40	30.51	2.48	32.59	2.57	34.09	2.60	36.75	2.65	38.83	2.71
	110	27.70	2.49	29.78	2.58	31.86	2.68	33.37	2.71	36.03	2.76	38.11	2.81
	115	26.97	2.58	29.05	2.68	31.13	2.78	32.64	2.81	35.30	2.86	37.38	2.92
	118	26.53	2.64	28.62	2.74	30.70	2.84	32.20	2.87	34.86	2.92	36.94	2.98
	122	26.39	2.72	28.47	2.81	30.55	2.92	32.06	2.95	34.72	3.01	36.80	3.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 10: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
37	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17
	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 11: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
39	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17
	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 12: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
41	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17
	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 13: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
43	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17
	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 14: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17
45	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 15: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
47	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17
	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 16: KUMXA361A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 17: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	17.70	0.72	18.80	0.75	19.89	0.77	20.69	0.78	22.09	0.80	23.19	0.81
	0	17.69	0.73	18.79	0.75	19.88	0.78	20.68	0.79	22.08	0.81	23.18	0.82
	5	17.67	0.74	18.77	0.77	19.87	0.79	20.66	0.80	22.06	0.82	23.16	0.83
	10	17.66	0.75	18.76	0.78	19.85	0.81	20.64	0.82	22.05	0.83	23.14	0.85
	14	17.65	0.76	18.74	0.79	19.84	0.82	20.63	0.83	22.03	0.84	23.12	0.86
	20	17.63	0.77	18.73	0.80	19.82	0.83	20.61	0.84	22.01	0.85	23.11	0.87
	25	17.62	0.78	18.71	0.81	19.81	0.84	20.60	0.85	22.00	0.87	23.09	0.88
	30	17.60	0.79	18.70	0.82	19.79	0.85	20.58	0.86	21.98	0.88	23.07	0.90
	35	17.59	0.80	18.68	0.83	19.78	0.86	20.57	0.87	21.96	0.89	23.05	0.91
	40	17.58	0.82	18.67	0.85	19.76	0.88	20.55	0.89	21.94	0.90	23.04	0.92
	45	17.56	0.83	18.66	0.86	19.75	0.89	20.53	0.90	21.93	0.92	23.02	0.93
	50	17.55	0.84	18.64	0.87	19.73	0.90	20.52	0.91	21.91	0.93	23.00	0.95
	55	17.54	0.85	18.63	0.88	19.72	0.91	20.50	0.92	21.89	0.94	22.98	0.96
	60	17.52	0.86	18.61	0.89	19.70	0.92	20.49	0.93	21.88	0.95	22.97	0.97
	65	17.51	0.87	18.60	0.90	19.69	0.94	20.47	0.95	21.86	0.96	22.95	0.98
	70	17.50	0.88	18.58	0.91	19.67	0.95	20.46	0.96	21.84	0.98	22.93	1.00
	75	17.08	0.93	18.16	0.96	19.24	1.00	20.03	1.01	21.41	1.03	22.50	1.05
	80	16.66	0.98	17.74	1.01	18.82	1.05	19.60	1.06	20.98	1.08	22.06	1.10
	85	16.24	1.02	17.32	1.06	18.40	1.10	19.17	1.11	20.55	1.13	21.63	1.16
	90	15.82	1.07	16.90	1.11	17.97	1.15	18.75	1.16	20.12	1.19	21.20	1.21
	95	15.37	1.12	16.44	1.16	17.51	1.20	18.00	1.22	19.65	1.24	20.72	1.26
	100	14.99	1.17	16.06	1.21	17.13	1.25	17.77	1.27	19.28	1.29	20.35	1.32
19	105	14.62	1.21	15.69	1.26	16.76	1.30	17.53	1.32	18.90	1.34	19.97	1.37
	110	14.24	1.26	15.32	1.31	16.39	1.36	17.16	1.37	18.53	1.40	19.60	1.43
	115	13.87	1.31	14.94	1.36	16.01	1.41	16.79	1.42	18.15	1.45	19.22	1.48
	118	13.65	1.34	14.72	1.39	15.79	1.44	16.56	1.45	17.93	1.48	19.00	1.51
	122	13.57	1.38	14.64	1.43	15.71	1.48	16.49	1.50	17.85	1.52	18.92	1.55
	-4	18.68	0.76	19.84	0.79	21.00	0.82	21.84	0.83	23.32	0.84	24.48	0.86
	0	18.67	0.77	19.83	0.80	20.99	0.83	21.83	0.84	23.31	0.85	24.47	0.87
	5	18.65	0.78	19.81	0.81	20.97	0.84	21.81	0.85	23.29	0.87	24.45	0.89
	10	18.64	0.80	19.80	0.82	20.96	0.85	21.79	0.86	23.27	0.88	24.43	0.90
	14	18.63	0.81	19.78	0.84	20.94	0.87	21.77	0.88	23.25	0.89	24.41	0.91
	20	18.61	0.82	19.77	0.85	20.92	0.88	21.76	0.89	23.23	0.91	24.39	0.92
	25	18.60	0.83	19.75	0.86	20.91	0.89	21.74	0.90	23.22	0.92	24.37	0.94
	30	18.58	0.84	19.74	0.87	20.89	0.90	21.72	0.92	23.20	0.93	24.35	0.95
	35	18.57	0.85	19.72	0.88	20.88	0.92	21.71	0.93	23.18	0.95	24.33	0.96
	40	18.55	0.87	19.71	0.90	20.86	0.93	21.69	0.94	23.16	0.96	24.32	0.98
	45	18.54	0.88	19.69	0.91	20.84	0.94	21.67	0.95	23.15	0.97	24.30	0.99
	50	18.53	0.89	19.68	0.92	20.83	0.95	21.66	0.97	23.13	0.98	24.28	1.00
	55	18.51	0.90	19.66	0.93	20.81	0.97	21.64	0.98	23.11	1.00	24.26	1.02
	60	18.50	0.91	19.65	0.95	20.80	0.98	21.63	0.99	23.09	1.01	24.24	1.03
	65	18.48	0.92	19.63	0.96	20.78	0.99	21.61	1.00	23.08	1.02	24.22	1.04
	70	18.47	0.93	19.62	0.97	20.76	1.00	21.59	1.02	23.06	1.04	24.20	1.06
	75	18.02	0.99	19.17	1.02	20.31	1.06	21.14	1.07	22.60	1.09	23.75	1.11
	80	17.58	1.04	18.72	1.07	19.86	1.11	20.69	1.13	22.15	1.15	23.29	1.17
	85	17.14	1.09	18.28	1.13	19.42	1.17	20.24	1.18	21.69	1.20	22.83	1.23
	90	16.70	1.14	17.84	1.18	18.97	1.22	19.79	1.24	21.24	1.26	22.38	1.28
	95	16.22	1.19	17.35	1.23	18.48	1.28	19.00	1.29	20.74	1.31	21.87	1.34
	100	15.83	1.24	16.96	1.28	18.09	1.33	18.75	1.34	20.35	1.37	21.48	1.40
	105	15.43	1.29	16.56	1.34	17.69	1.38	18.51	1.40	19.95	1.43	21.08	1.45
	110	15.04	1.34	16.17	1.39	17.30	1.44	18.11	1.45	19.56	1.48	20.69	1.51
	115	14.64	1.39	15.77	1.44	16.90	1.49	17.72	1.51	19.16	1.54	20.29	1.57
	118	14.40	1.42	15.53	1.47	16.66	1.52	17.48	1.54	18.92	1.57	20.05	1.60
	122	14.33	1.46	15.46	1.51	16.59	1.57	17.40	1.59	18.85	1.62	19.98	1.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 18: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	19.66	0.81	20.88	0.84	22.11	0.87	22.99	0.88	24.55	0.89	25.77	0.91
	0	19.65	0.82	20.87	0.85	22.09	0.88	22.97	0.89	24.53	0.90	25.75	0.92
	5	19.64	0.83	20.86	0.86	22.07	0.89	22.96	0.90	24.51	0.92	25.73	0.94
	10	19.62	0.84	20.84	0.87	22.06	0.90	22.94	0.91	24.50	0.93	25.71	0.95
	14	19.61	0.85	20.82	0.89	22.04	0.92	22.92	0.93	24.48	0.95	25.69	0.96
	20	19.59	0.87	20.81	0.90	22.02	0.93	22.90	0.94	24.46	0.96	25.67	0.98
	25	19.58	0.88	20.79	0.91	22.01	0.94	22.89	0.95	24.44	0.97	25.65	0.99
	30	19.56	0.89	20.78	0.92	21.99	0.96	22.87	0.97	24.42	0.99	25.64	1.01
	35	19.55	0.90	20.76	0.94	21.97	0.97	22.85	0.98	24.40	1.00	25.62	1.02
	40	19.53	0.92	20.74	0.95	21.96	0.98	22.83	0.99	24.38	1.01	25.60	1.03
	45	19.52	0.93	20.73	0.96	21.94	1.00	22.82	1.01	24.36	1.03	25.58	1.05
	50	19.50	0.94	20.71	0.97	21.92	1.01	22.80	1.02	24.35	1.04	25.56	1.06
	55	19.49	0.95	20.70	0.99	21.91	1.02	22.78	1.03	24.33	1.05	25.54	1.08
	60	19.47	0.96	20.68	1.00	21.89	1.04	22.76	1.05	24.31	1.07	25.52	1.09
	65	19.46	0.98	20.66	1.01	21.87	1.05	22.75	1.06	24.29	1.08	25.50	1.10
	70	19.44	0.99	20.65	1.03	21.86	1.06	22.73	1.07	24.27	1.09	25.48	1.12
	75	18.97	1.04	20.18	1.08	21.38	1.12	22.25	1.13	23.79	1.15	25.00	1.18
	80	18.51	1.10	19.71	1.14	20.91	1.18	21.78	1.19	23.31	1.21	24.51	1.24
	85	18.04	1.15	19.24	1.19	20.44	1.23	21.30	1.25	22.84	1.27	24.03	1.30
	90	17.58	1.20	18.77	1.25	19.97	1.29	20.83	1.31	22.36	1.33	23.56	1.36
	95	17.08	1.26	18.26	1.30	19.45	1.35	20.00	1.36	21.83	1.39	23.02	1.42
	100	16.66	1.31	17.85	1.36	19.04	1.41	19.74	1.42	21.42	1.45	22.61	1.48
21	105	16.24	1.36	17.43	1.41	18.62	1.46	19.48	1.48	21.00	1.51	22.19	1.54
	110	15.83	1.42	17.02	1.47	18.21	1.52	19.07	1.54	20.59	1.57	21.78	1.60
	115	15.41	1.47	16.60	1.52	17.79	1.58	18.65	1.60	20.17	1.63	21.36	1.66
	118	15.16	1.50	16.35	1.56	17.54	1.61	18.40	1.63	19.92	1.66	21.11	1.70
	122	15.08	1.54	16.27	1.60	17.46	1.66	18.32	1.68	19.84	1.71	21.03	1.74
	-4	20.65	0.85	21.93	0.88	23.21	0.92	24.14	0.93	25.77	0.94	27.06	0.96
	0	20.63	0.86	21.92	0.89	23.20	0.93	24.12	0.94	25.76	0.95	27.04	0.97
	5	20.62	0.88	21.90	0.91	23.18	0.94	24.10	0.95	25.74	0.97	27.02	0.99
	10	20.60	0.89	21.88	0.92	23.16	0.95	24.08	0.97	25.72	0.98	27.00	1.00
	14	20.59	0.90	21.86	0.93	23.14	0.97	24.07	0.98	25.70	1.00	26.98	1.02
	20	20.57	0.91	21.85	0.95	23.13	0.98	24.05	0.99	25.68	1.01	26.96	1.03
	25	20.55	0.93	21.83	0.96	23.11	1.00	24.03	1.01	25.66	1.03	26.94	1.05
	30	20.54	0.94	21.81	0.97	23.09	1.01	24.01	1.02	25.64	1.04	26.92	1.06
	35	20.52	0.95	21.80	0.99	23.07	1.02	23.99	1.04	25.62	1.05	26.90	1.08
	40	20.51	0.97	21.78	1.00	23.05	1.04	23.97	1.05	25.60	1.07	26.88	1.09
	45	20.49	0.98	21.76	1.01	23.04	1.05	23.96	1.06	25.58	1.08	26.86	1.11
	50	20.48	0.99	21.75	1.03	23.02	1.07	23.94	1.08	25.56	1.10	26.83	1.12
	55	20.46	1.00	21.73	1.04	23.00	1.08	23.92	1.09	25.54	1.11	26.81	1.13
	60	20.44	1.02	21.71	1.05	22.98	1.09	23.90	1.11	25.52	1.13	26.79	1.15
	65	20.43	1.03	21.70	1.07	22.97	1.11	23.88	1.12	25.50	1.14	26.77	1.16
	70	20.41	1.04	21.68	1.08	22.95	1.12	23.86	1.13	25.48	1.16	26.75	1.18
	75	19.92	1.10	21.19	1.14	22.45	1.18	23.36	1.20	24.98	1.22	26.25	1.24
	80	19.43	1.16	20.69	1.20	21.95	1.24	22.87	1.26	24.48	1.28	25.74	1.31
	85	18.94	1.21	20.20	1.26	21.46	1.30	22.37	1.32	23.98	1.34	25.24	1.37
	90	18.46	1.27	19.71	1.32	20.97	1.36	21.87	1.38	23.48	1.40	24.73	1.43
	95	17.93	1.33	19.18	1.37	20.43	1.42	21.00	1.44	22.93	1.47	24.17	1.50
	100	17.49	1.38	18.74	1.43	19.99	1.48	20.73	1.50	22.49	1.53	23.74	1.56
	105	17.06	1.44	18.30	1.49	19.55	1.54	20.46	1.56	22.05	1.59	23.30	1.62
	110	16.62	1.49	17.87	1.55	19.12	1.61	20.02	1.62	21.62	1.65	22.86	1.69
	115	16.18	1.55	17.43	1.61	18.68	1.67	19.58	1.68	21.18	1.72	22.43	1.75
	118	15.92	1.58	17.17	1.64	18.42	1.70	19.32	1.72	20.92	1.75	22.17	1.79
	122	15.83	1.63	17.08	1.69	18.33	1.75	19.23	1.77	20.83	1.80	22.08	1.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 19: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	21.63	0.90	22.97	0.93	24.32	0.96	25.29	0.97	27.00	0.99	28.35	1.01
	0	21.62	0.91	22.96	0.94	24.30	0.97	25.27	0.99	26.99	1.00	28.33	1.02
	5	21.60	0.92	22.94	0.96	24.28	0.99	25.25	1.00	26.97	1.02	28.31	1.04
	10	21.58	0.94	22.92	0.97	24.26	1.00	25.23	1.02	26.94	1.04	28.29	1.06
	14	21.57	0.95	22.91	0.98	24.25	1.02	25.21	1.03	26.92	1.05	28.26	1.07
	20	21.55	0.96	22.89	1.00	24.23	1.03	25.19	1.05	26.90	1.07	28.24	1.09
	25	21.53	0.98	22.87	1.01	24.21	1.05	25.17	1.06	26.88	1.08	28.22	1.10
	30	21.52	0.99	22.85	1.03	24.19	1.06	25.15	1.08	26.86	1.10	28.20	1.12
	35	21.50	1.00	22.84	1.04	24.17	1.08	25.14	1.09	26.84	1.11	28.18	1.13
	40	21.48	1.02	22.82	1.05	24.15	1.09	25.12	1.11	26.82	1.13	28.16	1.15
	45	21.47	1.03	22.80	1.07	24.13	1.11	25.10	1.12	26.80	1.14	28.13	1.16
	50	21.45	1.04	22.78	1.08	24.12	1.12	25.08	1.13	26.78	1.16	28.11	1.18
	55	21.43	1.06	22.77	1.10	24.10	1.14	25.06	1.15	26.76	1.17	28.09	1.19
	60	21.42	1.07	22.75	1.11	24.08	1.15	25.04	1.16	26.74	1.19	28.07	1.21
	65	21.40	1.09	22.73	1.12	24.06	1.17	25.02	1.18	26.72	1.20	28.05	1.23
	70	21.39	1.10	22.71	1.14	24.04	1.18	25.00	1.19	26.70	1.22	28.03	1.24
	75	20.87	1.16	22.20	1.20	23.52	1.24	24.48	1.26	26.17	1.28	27.50	1.31
	80	20.36	1.22	21.68	1.26	23.00	1.31	23.95	1.32	25.64	1.35	26.96	1.37
	85	19.85	1.28	21.16	1.32	22.48	1.37	23.44	1.39	25.12	1.41	26.44	1.44
	90	19.34	1.34	20.65	1.38	21.97	1.44	22.92	1.45	24.60	1.48	25.91	1.51
	95	18.78	1.40	20.09	1.45	21.40	1.50	22.00	1.52	24.02	1.54	25.33	1.58
	100	18.33	1.45	19.63	1.51	20.94	1.56	21.71	1.58	23.56	1.61	24.87	1.64
23	105	17.87	1.51	19.18	1.57	20.48	1.63	21.43	1.64	23.10	1.68	24.41	1.71
	110	17.41	1.57	18.72	1.63	20.03	1.69	20.97	1.71	22.64	1.74	23.95	1.78
	115	16.95	1.63	18.26	1.69	19.57	1.75	20.52	1.77	22.19	1.81	23.50	1.84
	118	16.68	1.67	17.99	1.73	19.30	1.79	20.24	1.81	21.91	1.85	23.22	1.88
	122	16.59	1.72	17.90	1.78	19.20	1.84	20.15	1.86	21.82	1.90	23.13	1.94
	-4	22.61	0.94	24.02	0.98	25.42	1.01	26.44	1.02	28.23	1.04	29.63	1.06
	0	22.60	0.95	24.00	0.99	25.41	1.02	26.42	1.04	28.21	1.05	29.62	1.08
	5	22.58	0.97	23.98	1.00	25.39	1.04	26.40	1.05	28.19	1.07	29.59	1.09
	10	22.56	0.98	23.97	1.02	25.37	1.06	26.38	1.07	28.17	1.09	29.57	1.11
	14	22.55	1.00	23.95	1.03	25.35	1.07	26.36	1.08	28.15	1.10	29.55	1.13
	20	22.53	1.01	23.93	1.05	25.33	1.09	26.34	1.10	28.13	1.12	29.53	1.14
	25	22.51	1.03	23.91	1.06	25.31	1.10	26.32	1.11	28.10	1.14	29.50	1.16
	30	22.50	1.04	23.89	1.08	25.29	1.12	26.30	1.13	28.08	1.15	29.48	1.17
	35	22.48	1.05	23.87	1.09	25.27	1.13	26.28	1.15	28.06	1.17	29.46	1.19
	40	22.46	1.07	23.86	1.11	25.25	1.15	26.26	1.16	28.04	1.18	29.44	1.21
	45	22.44	1.08	23.84	1.12	25.23	1.16	26.24	1.18	28.02	1.20	29.41	1.22
	50	22.43	1.10	23.82	1.14	25.21	1.18	26.22	1.19	28.00	1.21	29.39	1.24
	55	22.41	1.11	23.80	1.15	25.19	1.19	26.20	1.21	27.98	1.23	29.37	1.26
	60	22.39	1.13	23.78	1.17	25.17	1.21	26.18	1.22	27.95	1.25	29.35	1.27
	65	22.37	1.14	23.76	1.18	25.15	1.22	26.16	1.24	27.93	1.26	29.32	1.29
	70	22.36	1.15	23.75	1.20	25.13	1.24	26.14	1.25	27.91	1.28	29.30	1.30
	75	21.82	1.22	23.20	1.26	24.59	1.31	25.59	1.32	27.36	1.35	28.75	1.37
	80	21.28	1.28	22.66	1.33	24.04	1.37	25.04	1.39	26.81	1.42	28.19	1.44
	85	20.75	1.34	22.13	1.39	23.50	1.44	24.50	1.46	26.26	1.48	27.64	1.51
	90	20.22	1.40	21.59	1.45	22.96	1.51	23.96	1.53	25.71	1.55	27.09	1.59
	95	19.64	1.47	21.00	1.52	22.37	1.57	23.00	1.59	25.11	1.62	26.48	1.66
	100	19.16	1.53	20.53	1.58	21.89	1.64	22.70	1.66	24.63	1.69	26.00	1.73
	105	18.68	1.59	20.05	1.65	21.42	1.71	22.40	1.73	24.15	1.76	25.52	1.80
	110	18.20	1.65	19.57	1.71	20.94	1.78	21.93	1.80	23.67	1.83	25.04	1.87
	115	17.72	1.71	19.09	1.78	20.46	1.84	21.45	1.86	23.20	1.90	24.56	1.94
	118	17.44	1.75	18.80	1.82	20.17	1.88	21.16	1.90	22.91	1.94	24.28	1.98
	122	17.34	1.80	18.71	1.87	20.08	1.94	21.07	1.96	22.81	2.00	24.18	2.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 20: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	23.60	0.99	25.06	1.02	26.53	1.06	27.58	1.07	29.46	1.09	30.92	1.12
	0	23.58	1.00	25.05	1.04	26.51	1.07	27.57	1.09	29.44	1.11	30.91	1.13
	5	23.56	1.02	25.03	1.05	26.49	1.09	27.55	1.10	29.42	1.12	30.88	1.15
	10	23.55	1.03	25.01	1.07	26.47	1.11	27.53	1.12	29.39	1.14	30.86	1.16
	14	23.53	1.05	24.99	1.08	26.45	1.12	27.50	1.14	29.37	1.16	30.83	1.18
	20	23.51	1.06	24.97	1.10	26.43	1.14	27.48	1.15	29.35	1.17	30.81	1.20
	25	23.49	1.08	24.95	1.11	26.41	1.16	27.46	1.17	29.33	1.19	30.79	1.21
	30	23.47	1.09	24.93	1.13	26.39	1.17	27.44	1.19	29.30	1.21	30.76	1.23
	35	23.46	1.11	24.91	1.15	26.37	1.19	27.42	1.20	29.28	1.22	30.74	1.25
	40	23.44	1.12	24.89	1.16	26.35	1.20	27.40	1.22	29.26	1.24	30.72	1.27
	45	23.42	1.14	24.87	1.18	26.33	1.22	27.38	1.23	29.24	1.26	30.69	1.28
	50	23.40	1.15	24.85	1.19	26.31	1.24	27.36	1.25	29.21	1.27	30.67	1.30
	55	23.38	1.17	24.84	1.21	26.29	1.25	27.34	1.27	29.19	1.29	30.64	1.32
	60	23.37	1.18	24.82	1.22	26.27	1.27	27.32	1.28	29.17	1.31	30.62	1.33
	65	23.35	1.20	24.80	1.24	26.25	1.28	27.29	1.30	29.15	1.32	30.60	1.35
	70	23.33	1.21	24.78	1.25	26.23	1.30	27.27	1.32	29.13	1.34	30.57	1.37
	75	22.77	1.28	24.21	1.32	25.66	1.37	26.70	1.39	28.55	1.41	29.99	1.44
	80	22.21	1.34	23.65	1.39	25.09	1.44	26.13	1.46	27.97	1.48	29.42	1.51
	85	21.65	1.41	23.09	1.46	24.53	1.51	25.57	1.53	27.40	1.56	28.84	1.59
	90	21.09	1.47	22.53	1.53	23.96	1.58	25.00	1.60	26.83	1.63	28.27	1.66
	95	20.49	1.54	21.92	1.59	23.35	1.65	24.00	1.67	26.20	1.70	27.63	1.74
	100	19.99	1.60	21.42	1.66	22.85	1.72	23.69	1.74	25.70	1.77	27.13	1.81
	105	19.49	1.67	20.92	1.73	22.35	1.79	23.38	1.81	25.20	1.85	26.63	1.88
	110	18.99	1.73	20.42	1.80	21.85	1.86	22.88	1.88	24.70	1.92	26.13	1.96
	115	18.49	1.80	19.92	1.86	21.35	1.93	22.38	1.95	24.20	1.99	25.63	2.03
	118	18.19	1.84	19.62	1.90	21.05	1.97	22.08	2.00	23.90	2.03	25.33	2.08
	122	18.10	1.89	19.52	1.96	20.95	2.03	21.98	2.05	23.81	2.09	25.23	2.13
25	-4	24.58	1.03	26.10	1.07	27.63	1.11	28.73	1.12	30.68	1.15	32.21	1.17
	0	24.57	1.05	26.09	1.08	27.62	1.12	28.72	1.14	30.67	1.16	32.19	1.18
	5	24.54	1.06	26.07	1.10	27.59	1.14	28.69	1.16	30.64	1.18	32.17	1.20
	10	24.53	1.08	26.05	1.12	27.57	1.16	28.67	1.17	30.62	1.19	32.14	1.22
	14	24.51	1.09	26.03	1.13	27.55	1.18	28.65	1.19	30.60	1.21	32.12	1.24
	20	24.49	1.11	26.01	1.15	27.53	1.19	28.63	1.21	30.57	1.23	32.09	1.25
	25	24.47	1.13	25.99	1.17	27.51	1.21	28.61	1.22	30.55	1.25	32.07	1.27
	30	24.45	1.14	25.97	1.18	27.49	1.23	28.59	1.24	30.53	1.26	32.04	1.29
	35	24.43	1.16	25.95	1.20	27.47	1.24	28.56	1.26	30.50	1.28	32.02	1.31
	40	24.41	1.17	25.93	1.22	27.45	1.26	28.54	1.27	30.48	1.30	32.00	1.32
	45	24.40	1.19	25.91	1.23	27.43	1.28	28.52	1.29	30.46	1.32	31.97	1.34
	50	24.38	1.20	25.89	1.25	27.40	1.29	28.50	1.31	30.43	1.33	31.95	1.36
	55	24.36	1.22	25.87	1.26	27.38	1.31	28.48	1.33	30.41	1.35	31.92	1.38
	60	24.34	1.24	25.85	1.28	27.36	1.33	28.45	1.34	30.39	1.37	31.90	1.40
	65	24.32	1.25	25.83	1.30	27.34	1.34	28.43	1.36	30.36	1.39	31.87	1.41
	70	24.30	1.27	25.81	1.31	27.32	1.36	28.41	1.38	30.34	1.40	31.85	1.43
	75	23.72	1.34	25.22	1.38	26.73	1.44	27.82	1.45	29.74	1.48	31.24	1.51
	80	23.13	1.40	24.63	1.46	26.14	1.51	27.22	1.53	29.14	1.55	30.64	1.59
	85	22.55	1.47	24.05	1.53	25.55	1.58	26.63	1.60	28.54	1.63	30.04	1.66
	90	21.97	1.54	23.47	1.60	24.96	1.66	26.04	1.67	27.95	1.71	29.44	1.74
	95	21.34	1.61	22.83	1.67	24.32	1.73	25.00	1.75	27.29	1.78	28.78	1.82
	100	20.82	1.68	22.31	1.74	23.80	1.80	24.68	1.82	26.77	1.86	28.26	1.89
	105	20.30	1.75	21.79	1.81	23.28	1.88	24.35	1.90	26.25	1.93	27.74	1.97
	110	19.78	1.81	21.27	1.88	22.76	1.95	23.83	1.97	25.73	2.01	27.22	2.05
	115	19.26	1.88	20.75	1.95	22.24	2.02	23.31	2.05	25.21	2.08	26.70	2.13
	118	18.95	1.92	20.44	1.99	21.93	2.07	23.00	2.09	24.90	2.13	26.39	2.17
	122	18.85	1.98	20.34	2.05	21.82	2.13	22.90	2.15	24.80	2.19	26.28	2.23

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 21: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	25.56	1.08	27.15	1.12	28.74	1.16	29.88	1.18	31.91	1.20	33.50	1.22
	0	25.55	1.09	27.13	1.13	28.72	1.17	29.87	1.19	31.89	1.21	33.48	1.23
	5	25.53	1.11	27.11	1.15	28.70	1.19	29.84	1.21	31.87	1.23	33.45	1.25
	10	25.51	1.13	27.09	1.17	28.68	1.21	29.82	1.23	31.84	1.25	33.43	1.27
	14	25.49	1.14	27.07	1.19	28.65	1.23	29.80	1.24	31.82	1.27	33.40	1.29
	20	25.47	1.16	27.05	1.20	28.63	1.25	29.77	1.26	31.80	1.28	33.38	1.31
	25	25.45	1.18	27.03	1.22	28.61	1.26	29.75	1.28	31.77	1.30	33.35	1.33
	30	25.43	1.19	27.01	1.24	28.59	1.28	29.73	1.30	31.75	1.32	33.33	1.35
	35	25.41	1.21	26.99	1.25	28.57	1.30	29.71	1.31	31.72	1.34	33.30	1.37
	40	25.39	1.23	26.97	1.27	28.54	1.32	29.68	1.33	31.70	1.36	33.27	1.38
	45	25.37	1.24	26.95	1.29	28.52	1.34	29.66	1.35	31.67	1.38	33.25	1.40
	50	25.35	1.26	26.93	1.31	28.50	1.35	29.64	1.37	31.65	1.39	33.22	1.42
	55	25.33	1.28	26.91	1.32	28.48	1.37	29.61	1.39	31.63	1.41	33.20	1.44
	60	25.31	1.29	26.88	1.34	28.46	1.39	29.59	1.40	31.60	1.43	33.17	1.46
	65	25.29	1.31	26.86	1.36	28.43	1.41	29.57	1.42	31.58	1.45	33.15	1.48
	70	25.27	1.32	26.84	1.37	28.41	1.42	29.55	1.44	31.55	1.47	33.12	1.50
	75	24.67	1.40	26.23	1.45	27.80	1.50	28.93	1.52	30.93	1.55	32.49	1.58
	80	24.06	1.47	25.62	1.52	27.18	1.58	28.31	1.60	30.31	1.62	31.87	1.66
	85	23.45	1.54	25.01	1.60	26.57	1.65	27.70	1.67	29.69	1.70	31.24	1.74
	90	22.85	1.61	24.41	1.67	25.96	1.73	27.08	1.75	29.07	1.78	30.62	1.82
	95	22.20	1.68	23.74	1.74	25.29	1.81	26.00	1.83	28.38	1.86	29.93	1.90
	100	21.66	1.75	23.20	1.82	24.75	1.88	25.66	1.91	27.84	1.94	29.39	1.98
27	105	21.12	1.83	22.66	1.89	24.21	1.96	25.33	1.98	27.30	2.02	28.85	2.06
	110	20.58	1.90	22.12	1.97	23.67	2.04	24.79	2.06	26.76	2.10	28.31	2.14
	115	20.04	1.97	21.58	2.04	23.13	2.11	24.25	2.14	26.22	2.18	27.77	2.22
	118	19.71	2.01	21.26	2.08	22.80	2.16	23.92	2.19	25.90	2.23	27.44	2.27
	122	19.60	2.07	21.15	2.14	22.70	2.22	23.81	2.25	25.79	2.29	27.34	2.34
	-4	26.54	1.13	28.19	1.17	29.84	1.21	31.03	1.23	33.14	1.25	34.79	1.27
	0	26.53	1.14	28.18	1.18	29.83	1.23	31.02	1.24	33.12	1.26	34.77	1.29
	5	26.51	1.16	28.15	1.20	29.80	1.25	30.99	1.26	33.09	1.28	34.74	1.31
	10	26.49	1.18	28.13	1.22	29.78	1.26	30.97	1.28	33.07	1.30	34.71	1.33
	14	26.47	1.19	28.11	1.24	29.76	1.28	30.94	1.30	33.04	1.32	34.69	1.35
	20	26.45	1.21	28.09	1.26	29.73	1.30	30.92	1.32	33.02	1.34	34.66	1.37
	25	26.43	1.23	28.07	1.27	29.71	1.32	30.90	1.33	32.99	1.36	34.63	1.39
	30	26.41	1.25	28.05	1.29	29.69	1.34	30.87	1.35	32.97	1.38	34.61	1.41
	35	26.39	1.26	28.03	1.31	29.66	1.36	30.85	1.37	32.94	1.40	34.58	1.43
	40	26.37	1.28	28.00	1.33	29.64	1.38	30.82	1.39	32.92	1.42	34.55	1.45
	45	26.35	1.30	27.98	1.34	29.62	1.39	30.80	1.41	32.89	1.44	34.53	1.46
	50	26.33	1.31	27.96	1.36	29.60	1.41	30.78	1.43	32.87	1.45	34.50	1.48
	55	26.31	1.33	27.94	1.38	29.57	1.43	30.75	1.45	32.84	1.47	34.48	1.50
	60	26.29	1.35	27.92	1.40	29.55	1.45	30.73	1.47	32.82	1.49	34.45	1.52
	65	26.27	1.37	27.90	1.42	29.53	1.47	30.71	1.48	32.79	1.51	34.42	1.54
	70	26.25	1.38	27.88	1.43	29.51	1.49	30.68	1.50	32.77	1.53	34.40	1.56
	75	25.61	1.46	27.24	1.51	28.87	1.57	30.04	1.58	32.12	1.61	33.74	1.65
	80	24.98	1.53	26.60	1.59	28.23	1.65	29.40	1.66	31.47	1.70	33.09	1.73
	85	24.36	1.61	25.97	1.67	27.59	1.73	28.76	1.75	30.83	1.78	32.45	1.81
	90	23.73	1.68	25.34	1.74	26.96	1.81	28.12	1.83	30.19	1.86	31.80	1.90
	95	23.05	1.76	24.66	1.82	26.26	1.89	27.00	1.91	29.48	1.94	31.08	1.98
	100	22.49	1.83	24.10	1.90	25.70	1.97	26.65	1.99	28.91	2.03	30.52	2.07
	105	21.93	1.91	23.53	1.97	25.14	2.05	26.30	2.07	28.35	2.11	29.96	2.15
	110	21.37	1.98	22.97	2.05	24.58	2.13	25.74	2.15	27.79	2.19	29.40	2.24
	115	20.81	2.05	22.41	2.13	24.02	2.21	25.18	2.23	27.23	2.27	28.84	2.32
	118	20.47	2.10	22.08	2.18	23.68	2.26	24.84	2.28	26.89	2.32	28.50	2.37
	122	20.36	2.16	21.96	2.24	23.57	2.32	24.73	2.35	26.78	2.39	28.39	2.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 22: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	27.53	1.18	29.24	1.22	30.95	1.26	32.18	1.28	34.37	1.30	36.08	1.33
	0	27.51	1.19	29.22	1.23	30.93	1.28	32.16	1.29	34.35	1.32	36.06	1.34
	5	27.49	1.21	29.20	1.25	30.90	1.30	32.14	1.31	34.32	1.34	36.03	1.37
	10	27.47	1.23	29.18	1.27	30.88	1.32	32.11	1.33	34.29	1.36	36.00	1.39
	14	27.45	1.24	29.15	1.29	30.86	1.34	32.09	1.35	34.27	1.38	35.97	1.41
	20	27.43	1.26	29.13	1.31	30.83	1.36	32.06	1.37	34.24	1.40	35.94	1.43
	25	27.41	1.28	29.11	1.33	30.81	1.38	32.04	1.39	34.21	1.42	35.92	1.45
	30	27.39	1.30	29.09	1.35	30.79	1.39	32.02	1.41	34.19	1.44	35.89	1.47
	35	27.36	1.32	29.06	1.36	30.76	1.41	31.99	1.43	34.16	1.46	35.86	1.49
	40	27.34	1.33	29.04	1.38	30.74	1.43	31.97	1.45	34.14	1.48	35.83	1.51
	45	27.32	1.35	29.02	1.40	30.72	1.45	31.94	1.47	34.11	1.50	35.81	1.53
	50	27.30	1.37	29.00	1.42	30.69	1.47	31.92	1.49	34.08	1.52	35.78	1.55
	55	27.28	1.39	28.98	1.44	30.67	1.49	31.89	1.51	34.06	1.54	35.75	1.57
	60	27.26	1.41	28.95	1.46	30.65	1.51	31.87	1.53	34.03	1.56	35.72	1.59
	65	27.24	1.42	28.93	1.48	30.62	1.53	31.84	1.55	34.01	1.58	35.70	1.61
	70	27.22	1.44	28.91	1.49	30.60	1.55	31.82	1.57	33.98	1.60	35.67	1.63
	75	26.56	1.52	28.25	1.57	29.94	1.63	31.15	1.65	33.31	1.68	34.99	1.72
	80	25.91	1.60	27.59	1.66	29.27	1.72	30.49	1.74	32.64	1.77	34.32	1.80
	85	25.26	1.67	26.94	1.74	28.61	1.80	29.83	1.82	31.97	1.85	33.65	1.89
	90	24.61	1.75	26.28	1.82	27.96	1.88	29.17	1.90	31.30	1.94	32.98	1.98
	95	23.91	1.83	25.57	1.90	27.24	1.97	28.00	1.99	30.57	2.03	32.23	2.07
	100	23.32	1.91	24.99	1.98	26.65	2.05	27.64	2.07	29.98	2.11	31.65	2.15
	105	22.74	1.99	24.41	2.06	26.07	2.13	27.27	2.16	29.40	2.20	31.07	2.24
	110	22.16	2.06	23.82	2.14	25.49	2.22	26.69	2.24	28.82	2.28	30.49	2.33
	115	21.58	2.14	23.24	2.22	24.91	2.30	26.11	2.33	28.24	2.37	29.90	2.42
	118	21.23	2.19	22.89	2.27	24.56	2.35	25.76	2.38	27.89	2.42	29.55	2.47
	122	21.11	2.25	22.78	2.33	24.44	2.42	25.64	2.45	27.77	2.49	29.44	2.54
29	-4	28.51	1.23	30.28	1.27	32.05	1.32	33.33	1.33	35.59	1.36	37.36	1.38
	0	28.50	1.24	30.27	1.28	32.03	1.33	33.31	1.35	35.57	1.37	37.34	1.40
	5	28.47	1.26	30.24	1.30	32.01	1.35	33.29	1.37	35.54	1.39	37.31	1.42
	10	28.45	1.28	30.22	1.32	31.98	1.37	33.26	1.39	35.52	1.41	37.28	1.44
	14	28.43	1.30	30.19	1.34	31.96	1.39	33.23	1.41	35.49	1.43	37.26	1.46
	20	28.41	1.31	30.17	1.36	31.94	1.41	33.21	1.43	35.46	1.46	37.23	1.48
	25	28.39	1.33	30.15	1.38	31.91	1.43	33.18	1.45	35.44	1.48	37.20	1.51
	30	28.36	1.35	30.13	1.40	31.89	1.45	33.16	1.47	35.41	1.50	37.17	1.53
	35	28.34	1.37	30.10	1.42	31.86	1.47	33.13	1.49	35.38	1.52	37.14	1.55
	40	28.32	1.39	30.08	1.44	31.84	1.49	33.11	1.51	35.36	1.54	37.11	1.57
	45	28.30	1.41	30.06	1.46	31.81	1.51	33.08	1.53	35.33	1.56	37.09	1.59
	50	28.28	1.43	30.03	1.48	31.79	1.53	33.06	1.55	35.30	1.58	37.06	1.61
	55	28.26	1.44	30.01	1.50	31.76	1.55	33.03	1.57	35.27	1.60	37.03	1.63
	60	28.23	1.46	29.99	1.52	31.74	1.57	33.01	1.59	35.25	1.62	37.00	1.65
	65	28.21	1.48	29.96	1.54	31.72	1.59	32.98	1.61	35.22	1.64	36.97	1.67
	70	28.19	1.50	29.94	1.56	31.69	1.61	32.96	1.63	35.19	1.66	36.94	1.69
	75	27.51	1.58	29.26	1.64	31.00	1.70	32.27	1.72	34.50	1.75	36.24	1.79
	80	26.83	1.66	28.58	1.72	30.32	1.79	31.58	1.81	33.80	1.84	35.54	1.88
	85	26.16	1.74	27.90	1.81	29.64	1.87	30.89	1.89	33.11	1.93	34.85	1.97
	90	25.49	1.82	27.22	1.89	28.96	1.96	30.21	1.98	32.42	2.02	34.16	2.06
	95	24.76	1.91	26.48	1.97	28.21	2.05	29.00	2.07	31.66	2.11	33.38	2.15
	100	24.16	1.99	25.88	2.06	27.61	2.13	28.62	2.16	31.06	2.20	32.78	2.24
	105	23.55	2.07	25.28	2.14	27.00	2.22	28.25	2.25	30.45	2.29	32.18	2.33
	110	22.95	2.15	24.68	2.23	26.40	2.31	27.65	2.33	29.85	2.38	31.57	2.43
	115	22.35	2.23	24.07	2.31	25.80	2.39	27.04	2.42	29.25	2.47	30.97	2.52
	118	21.99	2.28	23.71	2.36	25.44	2.45	26.68	2.48	28.88	2.52	30.61	2.57
	122	21.86	2.34	23.59	2.43	25.31	2.52	26.56	2.55	28.76	2.59	30.49	2.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 23: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	29.49	1.27	31.33	1.32	33.16	1.37	34.48	1.38	36.82	1.41	38.65	1.44
	0	29.48	1.29	31.31	1.33	33.14	1.38	34.46	1.40	36.80	1.43	38.63	1.45
	5	29.45	1.31	31.28	1.36	33.11	1.41	34.43	1.42	36.77	1.45	38.60	1.48
	10	29.43	1.33	31.26	1.38	33.09	1.43	34.41	1.44	36.74	1.47	38.57	1.50
	14	29.41	1.35	31.24	1.40	33.06	1.45	34.38	1.46	36.71	1.49	38.54	1.52
	20	29.39	1.37	31.21	1.42	33.04	1.47	34.35	1.49	36.69	1.51	38.51	1.54
	25	29.36	1.39	31.19	1.44	33.01	1.49	34.33	1.51	36.66	1.53	38.48	1.57
	30	29.34	1.41	31.16	1.46	32.99	1.51	34.30	1.53	36.63	1.56	38.45	1.59
	35	29.32	1.42	31.14	1.48	32.96	1.53	34.28	1.55	36.60	1.58	38.42	1.61
	40	29.30	1.44	31.12	1.50	32.94	1.55	34.25	1.57	36.57	1.60	38.39	1.63
	45	29.27	1.46	31.09	1.52	32.91	1.57	34.22	1.59	36.55	1.62	38.36	1.65
	50	29.25	1.48	31.07	1.54	32.89	1.59	34.20	1.61	36.52	1.64	38.34	1.67
	55	29.23	1.50	31.04	1.56	32.86	1.61	34.17	1.63	36.49	1.66	38.31	1.70
	60	29.21	1.52	31.02	1.58	32.83	1.63	34.14	1.65	36.46	1.68	38.28	1.72
	65	29.18	1.54	31.00	1.60	32.81	1.66	34.12	1.67	36.43	1.71	38.25	1.74
	70	29.16	1.56	30.97	1.62	32.78	1.68	34.09	1.70	36.41	1.73	38.22	1.76
	75	28.46	1.64	30.27	1.70	32.07	1.77	33.38	1.79	35.69	1.82	37.49	1.86
	80	27.76	1.73	29.56	1.79	31.36	1.86	32.66	1.88	34.97	1.91	36.77	1.95
	85	27.06	1.81	28.86	1.88	30.66	1.95	31.96	1.97	34.25	2.01	36.05	2.05
	90	26.37	1.90	28.16	1.97	29.95	2.04	31.25	2.06	33.54	2.10	35.33	2.14
	95	25.61	1.98	27.40	2.05	29.18	2.13	30.00	2.15	32.75	2.19	34.53	2.24
	100	24.99	2.07	26.77	2.14	28.56	2.22	29.61	2.24	32.13	2.29	33.91	2.33
31	105	24.37	2.15	26.15	2.23	27.93	2.31	29.22	2.34	31.50	2.38	33.29	2.43
	110	23.74	2.23	25.53	2.32	27.31	2.40	28.60	2.43	30.88	2.47	32.66	2.52
	115	23.12	2.32	24.90	2.40	26.69	2.49	27.98	2.52	30.26	2.57	32.04	2.62
	118	22.74	2.37	24.53	2.45	26.31	2.54	27.60	2.57	29.88	2.62	31.67	2.67
	122	22.62	2.44	24.40	2.52	26.19	2.62	27.48	2.65	29.76	2.70	31.54	2.75
	-4	30.48	1.32	32.37	1.37	34.26	1.42	35.63	1.44	38.05	1.46	39.94	1.49
	0	30.46	1.34	32.35	1.39	34.24	1.44	35.61	1.45	38.03	1.48	39.92	1.51
	5	30.44	1.36	32.33	1.41	34.22	1.46	35.58	1.48	38.00	1.50	39.89	1.54
	10	30.41	1.38	32.30	1.43	34.19	1.48	35.55	1.50	37.97	1.53	39.86	1.56
	14	30.39	1.40	32.28	1.45	34.16	1.50	35.53	1.52	37.94	1.55	39.83	1.58
	20	30.37	1.42	32.25	1.47	34.14	1.53	35.50	1.54	37.91	1.57	39.80	1.60
	25	30.34	1.44	32.23	1.49	34.11	1.55	35.47	1.56	37.88	1.59	39.77	1.63
	30	30.32	1.46	32.20	1.51	34.09	1.57	35.45	1.59	37.85	1.62	39.73	1.65
	35	30.30	1.48	32.18	1.53	34.06	1.59	35.42	1.61	37.82	1.64	39.70	1.67
	40	30.27	1.50	32.15	1.55	34.03	1.61	35.39	1.63	37.79	1.66	39.67	1.69
	45	30.25	1.52	32.13	1.58	34.01	1.63	35.36	1.65	37.76	1.68	39.64	1.72
	50	30.23	1.54	32.10	1.60	33.98	1.65	35.34	1.67	37.74	1.71	39.61	1.74
	55	30.20	1.56	32.08	1.62	33.96	1.68	35.31	1.70	37.71	1.73	39.58	1.76
	60	30.18	1.58	32.05	1.64	33.93	1.70	35.28	1.72	37.68	1.75	39.55	1.79
	65	30.16	1.60	32.03	1.66	33.90	1.72	35.26	1.74	37.65	1.77	39.52	1.81
	70	30.13	1.62	32.01	1.68	33.88	1.74	35.23	1.76	37.62	1.79	39.49	1.83
	75	29.41	1.71	31.28	1.77	33.14	1.84	34.49	1.86	36.88	1.89	38.74	1.93
	80	28.68	1.80	30.55	1.86	32.41	1.93	33.75	1.95	36.13	1.99	38.00	2.03
	85	27.97	1.88	29.82	1.95	31.68	2.02	33.02	2.05	35.40	2.08	37.25	2.13
	90	27.25	1.97	29.10	2.04	30.95	2.12	32.29	2.14	34.66	2.18	36.51	2.23
	95	26.47	2.06	28.31	2.13	30.15	2.21	31.00	2.24	33.84	2.28	35.69	2.32
	100	25.82	2.15	27.67	2.22	29.51	2.30	30.60	2.33	33.20	2.38	35.04	2.42
	105	25.18	2.23	27.02	2.31	28.87	2.40	30.20	2.43	32.55	2.47	34.40	2.52
	110	24.53	2.32	26.38	2.41	28.22	2.49	29.55	2.52	31.91	2.57	33.75	2.62
	115	23.89	2.41	25.73	2.50	27.58	2.59	28.91	2.62	31.26	2.67	33.11	2.72
	118	23.50	2.46	25.35	2.55	27.19	2.64	28.52	2.67	30.88	2.72	32.72	2.78
	122	23.37	2.53	25.22	2.62	27.06	2.72	28.39	2.75	30.75	2.80	32.59	2.86

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 24: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	31.46	1.37	33.41	1.42	35.37	1.48	36.78	1.49	39.28	1.52	41.23	1.55
	0	31.44	1.39	33.40	1.44	35.35	1.49	36.76	1.51	39.25	1.54	41.21	1.57
	5	31.42	1.41	33.37	1.46	35.32	1.52	36.73	1.53	39.22	1.56	41.17	1.59
	10	31.39	1.43	33.34	1.48	35.29	1.54	36.70	1.56	39.19	1.58	41.14	1.62
	14	31.37	1.45	33.32	1.51	35.27	1.56	36.67	1.58	39.16	1.61	41.11	1.64
	20	31.35	1.47	33.29	1.53	35.24	1.58	36.64	1.60	39.13	1.63	41.08	1.66
	25	31.32	1.49	33.27	1.55	35.21	1.61	36.62	1.62	39.10	1.65	41.05	1.69
	30	31.30	1.51	33.24	1.57	35.19	1.63	36.59	1.65	39.07	1.68	41.02	1.71
	35	31.27	1.54	33.22	1.59	35.16	1.65	36.56	1.67	39.04	1.70	40.99	1.73
	40	31.25	1.56	33.19	1.61	35.13	1.67	36.53	1.69	39.01	1.72	40.95	1.76
	45	31.23	1.58	33.17	1.64	35.10	1.69	36.51	1.71	38.98	1.75	40.92	1.78
	50	31.20	1.60	33.14	1.66	35.08	1.72	36.48	1.74	38.95	1.77	40.89	1.81
	55	31.18	1.62	33.11	1.68	35.05	1.74	36.45	1.76	38.92	1.79	40.86	1.83
	60	31.15	1.64	33.09	1.70	35.02	1.76	36.42	1.78	38.89	1.82	40.83	1.85
	65	31.13	1.66	33.06	1.72	35.00	1.78	36.39	1.81	38.86	1.84	40.80	1.88
	70	31.11	1.68	33.04	1.74	34.97	1.81	36.37	1.83	38.83	1.86	40.77	1.90
	75	30.36	1.77	32.28	1.84	34.21	1.90	35.60	1.93	38.07	1.96	39.99	2.00
	80	29.61	1.86	31.53	1.93	33.45	2.00	34.84	2.02	37.30	2.06	39.22	2.10
	85	28.87	1.95	30.78	2.03	32.70	2.10	34.09	2.12	36.54	2.16	38.46	2.21
	90	28.13	2.04	30.04	2.12	31.95	2.20	33.33	2.22	35.78	2.26	37.69	2.31
	95	27.32	2.14	29.22	2.21	31.13	2.29	32.00	2.32	34.93	2.36	36.84	2.41
	100	26.65	2.23	28.56	2.31	30.46	2.39	31.59	2.42	34.27	2.46	36.17	2.51
33	105	25.99	2.32	27.89	2.40	29.80	2.49	31.17	2.52	33.60	2.57	35.51	2.62
	110	25.32	2.41	27.23	2.50	29.13	2.59	30.51	2.62	32.94	2.67	34.84	2.72
	115	24.66	2.50	26.56	2.59	28.47	2.68	29.84	2.72	32.27	2.77	34.18	2.82
	118	24.26	2.55	26.16	2.65	28.07	2.74	29.44	2.77	31.87	2.83	33.78	2.88
	122	24.13	2.63	26.03	2.72	27.93	2.82	29.31	2.85	31.74	2.91	33.64	2.97
	-4	32.44	1.42	34.46	1.48	36.47	1.53	37.93	1.55	40.50	1.58	42.52	1.61
	0	32.43	1.44	34.44	1.49	36.45	1.55	37.91	1.56	40.48	1.59	42.49	1.63
	5	32.40	1.46	34.41	1.52	36.42	1.57	37.88	1.59	40.45	1.62	42.46	1.65
	10	32.37	1.48	34.39	1.54	36.40	1.59	37.85	1.61	40.42	1.64	42.43	1.68
	14	32.35	1.51	34.36	1.56	36.37	1.62	37.82	1.64	40.39	1.67	42.40	1.70
	20	32.33	1.53	34.33	1.58	36.34	1.64	37.79	1.66	40.36	1.69	42.36	1.72
	25	32.30	1.55	34.31	1.61	36.31	1.66	37.76	1.68	40.32	1.71	42.33	1.75
	30	32.28	1.57	34.28	1.63	36.28	1.69	37.73	1.71	40.29	1.74	42.30	1.77
	35	32.25	1.59	34.25	1.65	36.26	1.71	37.70	1.73	40.26	1.76	42.27	1.80
	40	32.23	1.61	34.23	1.67	36.23	1.73	37.67	1.75	40.23	1.79	42.23	1.82
	45	32.20	1.64	34.20	1.70	36.20	1.76	37.65	1.78	40.20	1.81	42.20	1.85
	50	32.18	1.66	34.18	1.72	36.17	1.78	37.62	1.80	40.17	1.83	42.17	1.87
	55	32.15	1.68	34.15	1.74	36.15	1.80	37.59	1.82	40.14	1.86	42.14	1.90
	60	32.13	1.70	34.12	1.76	36.12	1.83	37.56	1.85	40.11	1.88	42.10	1.92
	65	32.10	1.72	34.10	1.78	36.09	1.85	37.53	1.87	40.08	1.91	42.07	1.94
	70	32.08	1.74	34.07	1.81	36.06	1.87	37.50	1.89	40.05	1.93	42.04	1.97
	75	31.31	1.84	33.29	1.90	35.28	1.97	36.72	2.00	39.26	2.03	41.24	2.08
	80	30.53	1.93	32.52	2.00	34.50	2.08	35.93	2.10	38.46	2.14	40.45	2.18
	85	29.77	2.03	31.75	2.10	33.72	2.18	35.15	2.20	37.68	2.24	39.66	2.29
	90	29.00	2.12	30.98	2.20	32.95	2.28	34.37	2.30	36.89	2.35	38.87	2.39
	95	28.17	2.21	30.14	2.29	32.10	2.38	33.00	2.41	36.03	2.45	37.99	2.50
	100	27.49	2.31	29.45	2.39	31.41	2.48	32.57	2.51	35.34	2.56	37.30	2.61
	105	26.80	2.40	28.76	2.49	30.73	2.58	32.14	2.61	34.65	2.66	36.62	2.71
	110	26.12	2.50	28.08	2.59	30.04	2.68	31.46	2.71	33.97	2.76	35.93	2.82
	115	25.43	2.59	27.39	2.68	29.36	2.78	30.77	2.81	33.28	2.87	35.24	2.93
	118	25.02	2.65	26.98	2.74	28.94	2.84	30.36	2.88	32.87	2.93	34.83	2.99
	122	24.88	2.72	26.84	2.82	28.81	2.92	30.22	2.96	32.73	3.01	34.69	3.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 25: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	33.43	1.47	35.50	1.53	37.58	1.58	39.08	1.60	41.73	1.63	43.81	1.66
	0	33.41	1.49	35.48	1.54	37.56	1.60	39.06	1.62	41.71	1.65	43.78	1.68
	5	33.38	1.51	35.45	1.57	37.53	1.63	39.02	1.65	41.67	1.68	43.75	1.71
	10	33.36	1.54	35.43	1.59	37.50	1.65	38.99	1.67	41.64	1.70	43.71	1.74
	14	33.33	1.56	35.40	1.62	37.47	1.68	38.96	1.69	41.61	1.73	43.68	1.76
	20	33.30	1.58	35.37	1.64	37.44	1.70	38.94	1.72	41.58	1.75	43.65	1.79
	25	33.28	1.60	35.35	1.66	37.41	1.72	38.91	1.74	41.55	1.78	43.61	1.81
	30	33.25	1.63	35.32	1.69	37.38	1.75	38.88	1.77	41.51	1.80	43.58	1.84
	35	33.23	1.65	35.29	1.71	37.36	1.77	38.85	1.79	41.48	1.83	43.55	1.86
	40	33.20	1.67	35.27	1.73	37.33	1.80	38.82	1.82	41.45	1.85	43.51	1.89
	45	33.18	1.69	35.24	1.76	37.30	1.82	38.79	1.84	41.42	1.88	43.48	1.91
	50	33.15	1.72	35.21	1.78	37.27	1.84	38.76	1.87	41.39	1.90	43.45	1.94
	55	33.13	1.74	35.18	1.80	37.24	1.87	38.73	1.89	41.36	1.92	43.41	1.96
	60	33.10	1.76	35.16	1.83	37.21	1.89	38.70	1.91	41.32	1.95	43.38	1.99
	65	33.08	1.78	35.13	1.85	37.18	1.92	38.67	1.94	41.29	1.97	43.35	2.01
	70	33.05	1.81	35.10	1.87	37.16	1.94	38.64	1.96	41.26	2.00	43.31	2.04
	75	32.26	1.90	34.30	1.97	36.35	2.04	37.83	2.07	40.45	2.11	42.49	2.15
	80	31.46	2.00	33.50	2.07	35.54	2.15	37.02	2.17	39.63	2.21	41.67	2.26
	85	30.67	2.10	32.71	2.17	34.75	2.25	36.22	2.28	38.82	2.32	40.86	2.37
	90	29.88	2.20	31.92	2.28	33.95	2.36	35.42	2.39	38.01	2.43	40.05	2.48
	95	29.03	2.29	31.05	2.38	33.07	2.46	34.00	2.49	37.12	2.54	39.14	2.59
	100	28.32	2.39	30.34	2.48	32.37	2.57	33.56	2.60	36.41	2.65	38.43	2.70
	105	27.61	2.49	29.64	2.58	31.66	2.67	33.12	2.70	35.70	2.75	37.73	2.81
	110	26.91	2.59	28.93	2.68	30.95	2.78	32.41	2.81	35.00	2.86	37.02	2.92
	115	26.20	2.68	28.22	2.78	30.24	2.88	31.71	2.92	34.29	2.97	36.31	3.03
	118	25.78	2.74	27.80	2.84	29.82	2.94	31.28	2.98	33.87	3.03	35.89	3.10
	122	25.63	2.82	27.66	2.92	29.68	3.03	31.14	3.06	33.72	3.12	35.75	3.18
35	-4	34.41	1.53	36.55	1.58	38.68	1.64	40.23	1.66	42.96	1.69	45.09	1.72
	0	34.39	1.54	36.53	1.60	38.66	1.66	40.21	1.68	42.93	1.71	45.07	1.74
	5	34.36	1.57	36.50	1.62	38.63	1.68	40.17	1.70	42.90	1.74	45.03	1.77
	10	34.34	1.59	36.47	1.65	38.60	1.71	40.14	1.73	42.87	1.76	45.00	1.80
	14	34.31	1.61	36.44	1.67	38.57	1.73	40.11	1.75	42.83	1.79	44.96	1.82
	20	34.28	1.64	36.41	1.70	38.54	1.76	40.08	1.78	42.80	1.81	44.93	1.85
	25	34.26	1.66	36.39	1.72	38.51	1.78	40.05	1.80	42.77	1.84	44.90	1.87
	30	34.23	1.68	36.36	1.74	38.48	1.81	40.02	1.83	42.74	1.86	44.86	1.90
	35	34.21	1.71	36.33	1.77	38.45	1.83	39.99	1.85	42.70	1.89	44.83	1.93
	40	34.18	1.73	36.30	1.79	38.42	1.86	39.96	1.88	42.67	1.91	44.79	1.95
	45	34.15	1.75	36.27	1.82	38.40	1.88	39.93	1.90	42.64	1.94	44.76	1.98
	50	34.13	1.78	36.25	1.84	38.37	1.91	39.90	1.93	42.61	1.97	44.72	2.01
	55	34.10	1.80	36.22	1.86	38.34	1.93	39.87	1.96	42.57	1.99	44.69	2.03
	60	34.07	1.82	36.19	1.89	38.31	1.96	39.84	1.98	42.54	2.02	44.66	2.06
	65	34.05	1.85	36.16	1.91	38.28	1.98	39.81	2.01	42.51	2.04	44.62	2.08
	70	34.02	1.87	36.14	1.94	38.25	2.01	39.77	2.03	42.47	2.07	44.59	2.11
	75	33.20	1.97	35.31	2.04	37.42	2.12	38.94	2.14	41.63	2.18	43.74	2.22
	80	32.39	2.07	34.49	2.15	36.59	2.22	38.11	2.25	40.80	2.29	42.90	2.34
	85	31.57	2.17	33.67	2.25	35.77	2.33	37.28	2.36	39.96	2.40	42.06	2.45
	90	30.76	2.27	32.85	2.36	34.95	2.44	36.46	2.47	39.13	2.52	41.22	2.57
	95	29.88	2.37	31.96	2.46	34.04	2.55	35.00	2.58	38.21	2.63	40.29	2.68
	100	29.15	2.47	31.24	2.56	33.32	2.66	34.55	2.69	37.48	2.74	39.56	2.79
	105	28.43	2.57	30.51	2.67	32.59	2.77	34.09	2.80	36.75	2.85	38.83	2.91
	110	27.70	2.68	29.78	2.77	31.86	2.87	33.37	2.91	36.03	2.96	38.11	3.02
	115	26.97	2.78	29.05	2.88	31.13	2.98	32.64	3.02	35.30	3.07	37.38	3.14
	118	26.53	2.84	28.62	2.94	30.70	3.05	32.20	3.08	34.86	3.14	36.94	3.20
	122	26.39	2.92	28.47	3.02	30.55	3.13	32.06	3.17	34.72	3.23	36.80	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 26: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
37	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41
	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 27: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
39	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41
	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 28: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
41	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41
	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 29: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
43	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41
	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 30: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41
45	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 31: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
47	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41
	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 32: KUMXA361A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 33: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	17.70	0.70	18.80	0.72	19.89	0.75	20.69	0.75	22.09	0.77	23.19	0.78
	0	17.69	0.70	18.79	0.73	19.88	0.75	20.68	0.76	22.08	0.78	23.18	0.79
	5	17.67	0.71	18.77	0.74	19.87	0.76	20.66	0.77	22.06	0.79	23.16	0.80
	10	17.66	0.72	18.76	0.75	19.85	0.78	20.64	0.79	22.05	0.80	23.14	0.82
	14	17.65	0.73	18.74	0.76	19.84	0.79	20.63	0.80	22.03	0.81	23.12	0.83
	20	17.63	0.74	18.73	0.77	19.82	0.80	20.61	0.81	22.01	0.82	23.11	0.84
	25	17.62	0.75	18.71	0.78	19.81	0.81	20.60	0.82	22.00	0.84	23.09	0.85
	30	17.60	0.76	18.70	0.79	19.79	0.82	20.58	0.83	21.98	0.85	23.07	0.87
	35	17.59	0.77	18.68	0.80	19.78	0.83	20.57	0.84	21.96	0.86	23.05	0.88
	40	17.58	0.79	18.67	0.82	19.76	0.85	20.55	0.86	21.94	0.87	23.04	0.89
	45	17.56	0.80	18.66	0.83	19.75	0.86	20.53	0.87	21.93	0.89	23.02	0.90
	50	17.55	0.81	18.64	0.84	19.73	0.87	20.52	0.88	21.91	0.90	23.00	0.92
	55	17.54	0.82	18.63	0.85	19.72	0.88	20.50	0.89	21.89	0.91	22.98	0.93
	60	17.52	0.83	18.61	0.86	19.70	0.89	20.49	0.90	21.88	0.92	22.97	0.94
	65	17.51	0.84	18.60	0.87	19.69	0.91	20.47	0.92	21.86	0.93	22.95	0.95
	70	17.50	0.85	18.58	0.88	19.67	0.92	20.46	0.93	21.84	0.94	22.93	0.96
	75	17.08	0.90	18.16	0.93	19.24	0.96	20.03	0.97	21.41	0.99	22.50	1.01
	80	16.66	0.94	17.74	0.98	18.82	1.01	19.60	1.02	20.98	1.04	22.06	1.06
	85	16.24	0.99	17.32	1.02	18.40	1.06	19.17	1.07	20.55	1.09	21.63	1.12
	90	15.82	1.03	16.90	1.07	17.97	1.11	18.75	1.12	20.12	1.15	21.20	1.17
	95	15.37	1.08	16.44	1.12	17.51	1.16	18.00	1.18	19.65	1.20	20.72	1.22
	100	14.99	1.13	16.06	1.17	17.13	1.21	17.77	1.22	19.28	1.24	20.35	1.27
	105	14.62	1.17	15.69	1.21	16.76	1.26	17.53	1.27	18.90	1.29	19.97	1.32
	110	14.24	1.22	15.32	1.26	16.39	1.31	17.16	1.32	18.53	1.35	19.60	1.38
	115	13.87	1.26	14.94	1.31	16.01	1.36	16.79	1.37	18.15	1.40	19.22	1.43
	118	13.65	1.29	14.72	1.34	15.79	1.39	16.56	1.40	17.93	1.43	19.00	1.46
	122	13.57	1.33	14.64	1.38	15.71	1.43	16.49	1.44	17.85	1.47	18.92	1.50
19	-4	18.68	0.74	19.84	0.76	21.00	0.79	21.84	0.80	23.32	0.81	24.48	0.83
	0	18.67	0.74	19.83	0.77	20.99	0.80	21.83	0.81	23.31	0.82	24.47	0.84
	5	18.65	0.76	19.81	0.78	20.97	0.81	21.81	0.82	23.29	0.84	24.45	0.86
	10	18.64	0.77	19.80	0.79	20.96	0.82	21.79	0.83	23.27	0.85	24.43	0.87
	14	18.63	0.78	19.78	0.81	20.94	0.84	21.77	0.85	23.25	0.86	24.41	0.88
	20	18.61	0.79	19.77	0.82	20.92	0.85	21.76	0.86	23.23	0.88	24.39	0.89
	25	18.60	0.80	19.75	0.83	20.91	0.86	21.74	0.87	23.22	0.89	24.37	0.91
	30	18.58	0.81	19.74	0.84	20.89	0.87	21.72	0.89	23.20	0.90	24.35	0.92
	35	18.57	0.82	19.72	0.85	20.88	0.89	21.71	0.90	23.18	0.91	24.33	0.93
	40	18.55	0.84	19.71	0.87	20.86	0.90	21.69	0.91	23.16	0.93	24.32	0.94
	45	18.54	0.85	19.69	0.88	20.84	0.91	21.67	0.92	23.15	0.94	24.30	0.96
	50	18.53	0.86	19.68	0.89	20.83	0.92	21.66	0.93	23.13	0.95	24.28	0.97
	55	18.51	0.87	19.66	0.90	20.81	0.93	21.64	0.95	23.11	0.96	24.26	0.98
	60	18.50	0.88	19.65	0.91	20.80	0.95	21.63	0.96	23.09	0.97	24.24	0.99
	65	18.48	0.89	19.63	0.93	20.78	0.96	21.61	0.97	23.08	0.99	24.22	1.00
	70	18.47	0.90	19.62	0.94	20.76	0.97	21.59	0.98	23.06	1.00	24.20	1.02
	75	18.02	0.95	19.17	0.99	20.31	1.02	21.14	1.03	22.60	1.05	23.75	1.07
	80	17.58	1.00	18.72	1.03	19.86	1.07	20.69	1.09	22.15	1.11	23.29	1.13
	85	17.14	1.05	18.28	1.09	19.42	1.13	20.24	1.14	21.69	1.16	22.83	1.19
	90	16.70	1.10	17.84	1.14	18.97	1.18	19.79	1.19	21.24	1.21	22.38	1.24
	95	16.22	1.15	17.35	1.19	18.48	1.23	19.00	1.24	20.74	1.27	21.87	1.29
	100	15.83	1.20	16.96	1.24	18.09	1.28	18.75	1.29	20.35	1.32	21.48	1.35
	105	15.43	1.24	16.56	1.29	17.69	1.33	18.51	1.35	19.95	1.38	21.08	1.40
	110	15.04	1.29	16.17	1.34	17.30	1.39	18.11	1.40	19.56	1.43	20.69	1.46
	115	14.64	1.34	15.77	1.39	16.90	1.44	17.72	1.46	19.16	1.48	20.29	1.51
	118	14.40	1.37	15.53	1.42	16.66	1.47	17.48	1.49	18.92	1.51	20.05	1.54
	122	14.33	1.41	15.46	1.46	16.59	1.51	17.40	1.53	18.85	1.56	19.98	1.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 34: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	19.66	0.78	20.88	0.81	22.11	0.84	22.99	0.85	24.55	0.86	25.77	0.88
	0	19.65	0.79	20.87	0.82	22.09	0.85	22.97	0.86	24.53	0.87	25.75	0.89
	5	19.64	0.80	20.86	0.83	22.07	0.86	22.96	0.87	24.51	0.89	25.73	0.91
	10	19.62	0.81	20.84	0.84	22.06	0.87	22.94	0.88	24.50	0.90	25.71	0.92
	14	19.61	0.82	20.82	0.86	22.04	0.89	22.92	0.90	24.48	0.92	25.69	0.93
	20	19.59	0.84	20.81	0.87	22.02	0.90	22.90	0.91	24.46	0.93	25.67	0.95
	25	19.58	0.85	20.79	0.88	22.01	0.91	22.89	0.92	24.44	0.94	25.65	0.96
	30	19.56	0.86	20.78	0.89	21.99	0.93	22.87	0.94	24.42	0.95	25.64	0.97
	35	19.55	0.87	20.76	0.91	21.97	0.94	22.85	0.95	24.40	0.97	25.62	0.98
	40	19.53	0.89	20.74	0.92	21.96	0.95	22.83	0.96	24.38	0.98	25.60	1.00
	45	19.52	0.90	20.73	0.93	21.94	0.96	22.82	0.97	24.36	0.99	25.58	1.01
	50	19.50	0.91	20.71	0.94	21.92	0.97	22.80	0.99	24.35	1.00	25.56	1.02
	55	19.49	0.92	20.70	0.95	21.91	0.99	22.78	1.00	24.33	1.02	25.54	1.04
	60	19.47	0.93	20.68	0.97	21.89	1.00	22.76	1.01	24.31	1.03	25.52	1.05
	65	19.46	0.94	20.66	0.98	21.87	1.01	22.75	1.02	24.29	1.04	25.50	1.06
	70	19.44	0.96	20.65	0.99	21.86	1.02	22.73	1.03	24.27	1.05	25.48	1.08
	75	18.97	1.00	20.18	1.04	21.38	1.08	22.25	1.09	23.79	1.11	25.00	1.14
	80	18.51	1.06	19.71	1.10	20.91	1.14	21.78	1.15	23.31	1.17	24.51	1.20
	85	18.04	1.11	19.24	1.15	20.44	1.19	21.30	1.21	22.84	1.23	24.03	1.25
	90	17.58	1.16	18.77	1.20	19.97	1.25	20.83	1.26	22.36	1.28	23.56	1.31
	95	17.08	1.21	18.26	1.25	19.45	1.30	20.00	1.31	21.83	1.34	23.02	1.37
	100	16.66	1.26	17.85	1.31	19.04	1.36	19.74	1.37	21.42	1.40	22.61	1.43
21	105	16.24	1.31	17.43	1.36	18.62	1.41	19.48	1.43	21.00	1.46	22.19	1.48
	110	15.83	1.37	17.02	1.42	18.21	1.47	19.07	1.48	20.59	1.51	21.78	1.54
	115	15.41	1.42	16.60	1.47	17.79	1.52	18.65	1.54	20.17	1.57	21.36	1.60
	118	15.16	1.45	16.35	1.50	17.54	1.55	18.40	1.57	19.92	1.60	21.11	1.64
	122	15.08	1.49	16.27	1.54	17.46	1.60	18.32	1.62	19.84	1.65	21.03	1.68
	-4	20.65	0.82	21.93	0.85	23.21	0.89	24.14	0.90	25.77	0.91	27.06	0.93
	0	20.63	0.83	21.92	0.86	23.20	0.90	24.12	0.91	25.76	0.92	27.04	0.94
	5	20.62	0.85	21.90	0.88	23.18	0.91	24.10	0.92	25.74	0.94	27.02	0.96
	10	20.60	0.86	21.88	0.89	23.16	0.92	24.08	0.93	25.72	0.95	27.00	0.97
	14	20.59	0.87	21.86	0.90	23.14	0.94	24.07	0.95	25.70	0.96	26.98	0.98
	20	20.57	0.88	21.85	0.92	23.13	0.95	24.05	0.96	25.68	0.98	26.96	1.00
	25	20.55	0.90	21.83	0.93	23.11	0.96	24.03	0.97	25.66	0.99	26.94	1.01
	30	20.54	0.91	21.81	0.94	23.09	0.98	24.01	0.99	25.64	1.00	26.92	1.02
	35	20.52	0.92	21.80	0.95	23.07	0.99	23.99	1.00	25.62	1.02	26.90	1.04
	40	20.51	0.93	21.78	0.97	23.05	1.00	23.97	1.01	25.60	1.03	26.88	1.05
	45	20.49	0.95	21.76	0.98	23.04	1.01	23.96	1.02	25.58	1.04	26.86	1.07
	50	20.48	0.96	21.75	0.99	23.02	1.03	23.94	1.04	25.56	1.06	26.83	1.08
	55	20.46	0.97	21.73	1.00	23.00	1.04	23.92	1.05	25.54	1.07	26.81	1.09
	60	20.44	0.98	21.71	1.02	22.98	1.05	23.90	1.07	25.52	1.09	26.79	1.11
	65	20.43	0.99	21.70	1.03	22.97	1.07	23.88	1.08	25.50	1.10	26.77	1.12
	70	20.41	1.01	21.68	1.04	22.95	1.08	23.86	1.09	25.48	1.12	26.75	1.14
	75	19.92	1.06	21.19	1.10	22.45	1.14	23.36	1.16	24.98	1.18	26.25	1.20
	80	19.43	1.12	20.69	1.16	21.95	1.20	22.87	1.21	24.48	1.24	25.74	1.26
	85	18.94	1.17	20.20	1.21	21.46	1.26	22.37	1.27	23.98	1.29	25.24	1.32
	90	18.46	1.22	19.71	1.27	20.97	1.31	21.87	1.33	23.48	1.35	24.73	1.38
	95	17.93	1.28	19.18	1.32	20.43	1.37	21.00	1.39	22.93	1.42	24.17	1.45
	100	17.49	1.33	18.74	1.38	19.99	1.43	20.73	1.45	22.49	1.48	23.74	1.50
	105	17.06	1.39	18.30	1.44	19.55	1.49	20.46	1.51	22.05	1.53	23.30	1.56
	110	16.62	1.44	17.87	1.49	19.12	1.55	20.02	1.56	21.62	1.59	22.86	1.63
	115	16.18	1.50	17.43	1.55	18.68	1.61	19.58	1.62	21.18	1.66	22.43	1.69
	118	15.92	1.53	17.17	1.58	18.42	1.64	19.32	1.66	20.92	1.69	22.17	1.73
	122	15.83	1.57	17.08	1.63	18.33	1.69	19.23	1.71	20.83	1.74	22.08	1.77

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 35: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	21.63	0.87	22.97	0.90	24.32	0.93	25.29	0.94	27.00	0.96	28.35	0.98
	0	21.62	0.88	22.96	0.91	24.30	0.94	25.27	0.95	26.99	0.97	28.33	0.99
	5	21.60	0.89	22.94	0.92	24.28	0.96	25.25	0.97	26.97	0.98	28.31	1.00
	10	21.58	0.91	22.92	0.94	24.26	0.97	25.23	0.98	26.94	1.00	28.29	1.02
	14	21.57	0.92	22.91	0.95	24.25	0.98	25.21	0.99	26.92	1.01	28.26	1.03
	20	21.55	0.93	22.89	0.96	24.23	1.00	25.19	1.01	26.90	1.03	28.24	1.05
	25	21.53	0.94	22.87	0.98	24.21	1.01	25.17	1.02	26.88	1.04	28.22	1.06
	30	21.52	0.96	22.85	0.99	24.19	1.02	25.15	1.04	26.86	1.06	28.20	1.08
	35	21.50	0.97	22.84	1.00	24.17	1.04	25.14	1.05	26.84	1.07	28.18	1.09
	40	21.48	0.98	22.82	1.02	24.15	1.05	25.12	1.07	26.82	1.09	28.16	1.11
	45	21.47	0.99	22.80	1.03	24.13	1.07	25.10	1.08	26.80	1.10	28.13	1.12
	50	21.45	1.01	22.78	1.04	24.12	1.08	25.08	1.09	26.78	1.12	28.11	1.14
	55	21.43	1.02	22.77	1.06	24.10	1.10	25.06	1.11	26.76	1.13	28.09	1.15
	60	21.42	1.03	22.75	1.07	24.08	1.11	25.04	1.12	26.74	1.15	28.07	1.17
	65	21.40	1.05	22.73	1.08	24.06	1.13	25.02	1.14	26.72	1.16	28.05	1.19
	70	21.39	1.06	22.71	1.10	24.04	1.14	25.00	1.15	26.70	1.18	28.03	1.20
	75	20.87	1.12	22.20	1.16	23.52	1.20	24.48	1.22	26.17	1.24	27.50	1.26
	80	20.36	1.18	21.68	1.22	23.00	1.26	23.95	1.28	25.64	1.30	26.96	1.32
	85	19.85	1.23	21.16	1.28	22.48	1.32	23.44	1.34	25.12	1.36	26.44	1.39
	90	19.34	1.29	20.65	1.33	21.97	1.39	22.92	1.40	24.60	1.43	25.91	1.46
	95	18.78	1.35	20.09	1.40	21.40	1.45	22.00	1.46	24.02	1.49	25.33	1.52
	100	18.33	1.40	19.63	1.46	20.94	1.51	21.71	1.52	23.56	1.55	24.87	1.58
23	105	17.87	1.46	19.18	1.51	20.48	1.57	21.43	1.58	23.10	1.62	24.41	1.65
	110	17.41	1.52	18.72	1.57	20.03	1.63	20.97	1.65	22.64	1.68	23.95	1.72
	115	16.95	1.57	18.26	1.63	19.57	1.69	20.52	1.71	22.19	1.74	23.50	1.78
	118	16.68	1.61	17.99	1.67	19.30	1.73	20.24	1.75	21.91	1.78	23.22	1.81
	122	16.59	1.66	17.90	1.72	19.20	1.78	20.15	1.80	21.82	1.83	23.13	1.87
	-4	22.61	0.91	24.02	0.95	25.42	0.98	26.44	0.99	28.23	1.01	29.63	1.03
	0	22.60	0.92	24.00	0.95	25.41	0.99	26.42	1.00	28.21	1.02	29.62	1.04
	5	22.58	0.94	23.98	0.97	25.39	1.00	26.40	1.01	28.19	1.03	29.59	1.05
	10	22.56	0.95	23.97	0.98	25.37	1.02	26.38	1.03	28.17	1.05	29.57	1.07
	14	22.55	0.96	23.95	1.00	25.35	1.03	26.36	1.04	28.15	1.06	29.55	1.09
	20	22.53	0.98	23.93	1.01	25.33	1.05	26.34	1.06	28.13	1.08	29.53	1.10
	25	22.51	0.99	23.91	1.02	25.31	1.06	26.32	1.07	28.10	1.10	29.50	1.12
	30	22.50	1.00	23.89	1.04	25.29	1.08	26.30	1.09	28.08	1.11	29.48	1.13
	35	22.48	1.02	23.87	1.05	25.27	1.09	26.28	1.11	28.06	1.13	29.46	1.15
	40	22.46	1.03	23.86	1.07	25.25	1.11	26.26	1.12	28.04	1.14	29.44	1.17
	45	22.44	1.04	23.84	1.08	25.23	1.12	26.24	1.14	28.02	1.16	29.41	1.18
	50	22.43	1.06	23.82	1.10	25.21	1.14	26.22	1.15	28.00	1.17	29.39	1.20
	55	22.41	1.07	23.80	1.11	25.19	1.15	26.20	1.17	27.98	1.19	29.37	1.21
	60	22.39	1.09	23.78	1.13	25.17	1.17	26.18	1.18	27.95	1.20	29.35	1.23
	65	22.37	1.10	23.76	1.14	25.15	1.18	26.16	1.20	27.93	1.22	29.32	1.24
	70	22.36	1.11	23.75	1.16	25.13	1.20	26.14	1.21	27.91	1.23	29.30	1.26
	75	21.82	1.18	23.20	1.22	24.59	1.26	25.59	1.28	27.36	1.30	28.75	1.32
	80	21.28	1.24	22.66	1.28	24.04	1.32	25.04	1.34	26.81	1.37	28.19	1.39
	85	20.75	1.29	22.13	1.34	23.50	1.39	24.50	1.41	26.26	1.43	27.64	1.46
	90	20.22	1.35	21.59	1.40	22.96	1.46	23.96	1.47	25.71	1.50	27.09	1.53
	95	19.64	1.42	21.00	1.47	22.37	1.52	23.00	1.54	25.11	1.56	26.48	1.60
	100	19.16	1.48	20.53	1.53	21.89	1.58	22.70	1.60	24.63	1.63	26.00	1.67
	105	18.68	1.53	20.05	1.59	21.42	1.65	22.40	1.67	24.15	1.70	25.52	1.73
	110	18.20	1.59	19.57	1.65	20.94	1.72	21.93	1.73	23.67	1.77	25.04	1.80
	115	17.72	1.65	19.09	1.72	20.46	1.78	21.45	1.80	23.20	1.83	24.56	1.87
	118	17.44	1.69	18.80	1.75	20.17	1.81	21.16	1.83	22.91	1.87	24.28	1.91
	122	17.34	1.74	18.71	1.80	20.08	1.87	21.07	1.89	22.81	1.93	24.18	1.97

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 36: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	23.60	0.96	25.06	0.99	26.53	1.02	27.58	1.04	29.46	1.05	30.92	1.08
	0	23.58	0.97	25.05	1.00	26.51	1.03	27.57	1.05	29.44	1.07	30.91	1.09
	5	23.56	0.98	25.03	1.02	26.49	1.05	27.55	1.06	29.42	1.08	30.88	1.11
	10	23.55	1.00	25.01	1.03	26.47	1.07	27.53	1.08	29.39	1.10	30.86	1.12
	14	23.53	1.01	24.99	1.04	26.45	1.08	27.50	1.10	29.37	1.12	30.83	1.14
	20	23.51	1.02	24.97	1.06	26.43	1.10	27.48	1.11	29.35	1.13	30.81	1.16
	25	23.49	1.04	24.95	1.07	26.41	1.12	27.46	1.13	29.33	1.15	30.79	1.17
	30	23.47	1.05	24.93	1.09	26.39	1.13	27.44	1.15	29.30	1.17	30.76	1.19
	35	23.46	1.07	24.91	1.11	26.37	1.15	27.42	1.16	29.28	1.18	30.74	1.21
	40	23.44	1.08	24.89	1.12	26.35	1.16	27.40	1.18	29.26	1.20	30.72	1.22
	45	23.42	1.10	24.87	1.14	26.33	1.18	27.38	1.19	29.24	1.22	30.69	1.24
	50	23.40	1.11	24.85	1.15	26.31	1.20	27.36	1.21	29.21	1.23	30.67	1.25
	55	23.38	1.13	24.84	1.17	26.29	1.21	27.34	1.22	29.19	1.25	30.64	1.27
	60	23.37	1.14	24.82	1.18	26.27	1.23	27.32	1.24	29.17	1.26	30.62	1.29
	65	23.35	1.16	24.80	1.20	26.25	1.24	27.29	1.25	29.15	1.28	30.60	1.30
	70	23.33	1.17	24.78	1.21	26.23	1.26	27.27	1.27	29.13	1.29	30.57	1.32
	75	22.77	1.23	24.21	1.28	25.66	1.32	26.70	1.34	28.55	1.36	29.99	1.39
	80	22.21	1.29	23.65	1.34	25.09	1.39	26.13	1.41	27.97	1.43	29.42	1.46
	85	21.65	1.36	23.09	1.41	24.53	1.46	25.57	1.48	27.40	1.50	28.84	1.53
	90	21.09	1.42	22.53	1.47	23.96	1.53	25.00	1.54	26.83	1.57	28.27	1.60
	95	20.49	1.48	21.92	1.54	23.35	1.59	24.00	1.61	26.20	1.64	27.63	1.68
	100	19.99	1.55	21.42	1.60	22.85	1.66	23.69	1.68	25.70	1.71	27.13	1.75
	105	19.49	1.61	20.92	1.67	22.35	1.73	23.38	1.75	25.20	1.78	26.63	1.82
	110	18.99	1.67	20.42	1.74	21.85	1.80	22.88	1.82	24.70	1.85	26.13	1.89
	115	18.49	1.74	19.92	1.80	21.35	1.86	22.38	1.88	24.20	1.92	25.63	1.96
	118	18.19	1.77	19.62	1.84	21.05	1.90	22.08	1.93	23.90	1.96	25.33	2.00
	122	18.10	1.82	19.52	1.89	20.95	1.96	21.98	1.98	23.81	2.02	25.23	2.06
25	-4	24.58	1.00	26.10	1.03	27.63	1.07	28.73	1.08	30.68	1.11	32.21	1.13
	0	24.57	1.01	26.09	1.05	27.62	1.08	28.72	1.10	30.67	1.12	32.19	1.14
	5	24.54	1.03	26.07	1.06	27.59	1.10	28.69	1.12	30.64	1.14	32.17	1.16
	10	24.53	1.04	26.05	1.08	27.57	1.12	28.67	1.13	30.62	1.15	32.14	1.18
	14	24.51	1.05	26.03	1.09	27.55	1.14	28.65	1.15	30.60	1.17	32.12	1.20
	20	24.49	1.07	26.01	1.11	27.53	1.15	28.63	1.17	30.57	1.19	32.09	1.21
	25	24.47	1.09	25.99	1.13	27.51	1.17	28.61	1.18	30.55	1.21	32.07	1.23
	30	24.45	1.10	25.97	1.14	27.49	1.19	28.59	1.20	30.53	1.22	32.04	1.25
	35	24.43	1.12	25.95	1.16	27.47	1.20	28.56	1.22	30.50	1.24	32.02	1.26
	40	24.41	1.13	25.93	1.18	27.45	1.22	28.54	1.23	30.48	1.25	32.00	1.28
	45	24.40	1.15	25.91	1.19	27.43	1.23	28.52	1.25	30.46	1.27	31.97	1.29
	50	24.38	1.16	25.89	1.21	27.40	1.25	28.50	1.26	30.43	1.29	31.95	1.31
	55	24.36	1.18	25.87	1.22	27.38	1.27	28.48	1.28	30.41	1.30	31.92	1.33
	60	24.34	1.20	25.85	1.24	27.36	1.28	28.45	1.30	30.39	1.32	31.90	1.35
	65	24.32	1.21	25.83	1.25	27.34	1.30	28.43	1.31	30.36	1.34	31.87	1.36
	70	24.30	1.23	25.81	1.27	27.32	1.31	28.41	1.33	30.34	1.35	31.85	1.38
	75	23.72	1.29	25.22	1.33	26.73	1.39	27.82	1.40	29.74	1.43	31.24	1.46
	80	23.13	1.35	24.63	1.41	26.14	1.46	27.22	1.47	29.14	1.50	30.64	1.53
	85	22.55	1.42	24.05	1.48	25.55	1.53	26.63	1.54	28.54	1.57	30.04	1.60
	90	21.97	1.49	23.47	1.54	24.96	1.60	26.04	1.61	27.95	1.65	29.44	1.68
	95	21.34	1.55	22.83	1.61	24.32	1.67	25.00	1.69	27.29	1.72	28.78	1.76
	100	20.82	1.62	22.31	1.68	23.80	1.74	24.68	1.76	26.77	1.79	28.26	1.83
	105	20.30	1.69	21.79	1.75	23.28	1.81	24.35	1.83	26.25	1.86	27.74	1.90
	110	19.78	1.75	21.27	1.81	22.76	1.88	23.83	1.90	25.73	1.94	27.22	1.98
	115	19.26	1.82	20.75	1.88	22.24	1.95	23.31	1.98	25.21	2.01	26.70	2.05
	118	18.95	1.85	20.44	1.92	21.93	2.00	23.00	2.02	24.90	2.05	26.39	2.09
	122	18.85	1.91	20.34	1.98	21.82	2.05	22.90	2.07	24.80	2.11	26.28	2.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 37: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	25.56	1.04	27.15	1.08	28.74	1.12	29.88	1.14	31.91	1.16	33.50	1.18
	0	25.55	1.05	27.13	1.09	28.72	1.13	29.87	1.15	31.89	1.17	33.48	1.19
	5	25.53	1.07	27.11	1.11	28.70	1.15	29.84	1.17	31.87	1.19	33.45	1.21
	10	25.51	1.09	27.09	1.13	28.68	1.17	29.82	1.19	31.84	1.21	33.43	1.23
	14	25.49	1.10	27.07	1.15	28.65	1.19	29.80	1.20	31.82	1.22	33.40	1.25
	20	25.47	1.12	27.05	1.16	28.63	1.21	29.77	1.22	31.80	1.24	33.38	1.27
	25	25.45	1.14	27.03	1.18	28.61	1.22	29.75	1.24	31.77	1.26	33.35	1.28
	30	25.43	1.15	27.01	1.20	28.59	1.24	29.73	1.25	31.75	1.28	33.33	1.30
	35	25.41	1.17	26.99	1.21	28.57	1.26	29.71	1.27	31.72	1.29	33.30	1.32
	40	25.39	1.19	26.97	1.23	28.54	1.27	29.68	1.29	31.70	1.31	33.27	1.33
	45	25.37	1.20	26.95	1.24	28.52	1.29	29.66	1.30	31.67	1.33	33.25	1.35
	50	25.35	1.22	26.93	1.26	28.50	1.30	29.64	1.32	31.65	1.34	33.22	1.37
	55	25.33	1.23	26.91	1.28	28.48	1.32	29.61	1.34	31.63	1.36	33.20	1.39
	60	25.31	1.25	26.88	1.29	28.46	1.34	29.59	1.35	31.60	1.38	33.17	1.41
	65	25.29	1.26	26.86	1.31	28.43	1.36	29.57	1.37	31.58	1.40	33.15	1.43
	70	25.27	1.28	26.84	1.32	28.41	1.37	29.55	1.39	31.55	1.42	33.12	1.45
	75	24.67	1.35	26.23	1.40	27.80	1.45	28.93	1.47	30.93	1.49	32.49	1.52
	80	24.06	1.42	25.62	1.47	27.18	1.52	28.31	1.54	30.31	1.57	31.87	1.60
	85	23.45	1.49	25.01	1.54	26.57	1.59	27.70	1.61	29.69	1.64	31.24	1.68
	90	22.85	1.55	24.41	1.61	25.96	1.67	27.08	1.69	29.07	1.72	30.62	1.76
	95	22.20	1.62	23.74	1.68	25.29	1.75	26.00	1.77	28.38	1.80	29.93	1.83
	100	21.66	1.69	23.20	1.76	24.75	1.82	25.66	1.84	27.84	1.87	29.39	1.91
27	105	21.12	1.76	22.66	1.82	24.21	1.89	25.33	1.91	27.30	1.95	28.85	1.99
	110	20.58	1.83	22.12	1.90	23.67	1.97	24.79	1.99	26.76	2.03	28.31	2.07
	115	20.04	1.90	21.58	1.97	23.13	2.04	24.25	2.06	26.22	2.10	27.77	2.14
	118	19.71	1.94	21.26	2.01	22.80	2.08	23.92	2.11	25.90	2.15	27.44	2.19
	122	19.60	2.00	21.15	2.07	22.70	2.14	23.81	2.17	25.79	2.21	27.34	2.26
	-4	26.54	1.09	28.19	1.13	29.84	1.17	31.03	1.19	33.14	1.21	34.79	1.23
	0	26.53	1.10	28.18	1.14	29.83	1.19	31.02	1.20	33.12	1.22	34.77	1.25
	5	26.51	1.12	28.15	1.16	29.80	1.21	30.99	1.22	33.09	1.24	34.74	1.27
	10	26.49	1.14	28.13	1.18	29.78	1.22	30.97	1.24	33.07	1.26	34.71	1.28
	14	26.47	1.15	28.11	1.20	29.76	1.24	30.94	1.25	33.04	1.28	34.69	1.30
	20	26.45	1.17	28.09	1.21	29.73	1.26	30.92	1.27	33.02	1.29	34.66	1.32
	25	26.43	1.19	28.07	1.23	29.71	1.27	30.90	1.29	32.99	1.31	34.63	1.34
	30	26.41	1.21	28.05	1.25	29.69	1.29	30.87	1.31	32.97	1.33	34.61	1.36
	35	26.39	1.22	28.03	1.26	29.66	1.31	30.85	1.32	32.94	1.35	34.58	1.38
	40	26.37	1.24	28.00	1.28	29.64	1.33	30.82	1.34	32.92	1.37	34.55	1.40
	45	26.35	1.25	27.98	1.30	29.62	1.34	30.80	1.36	32.89	1.39	34.53	1.41
	50	26.33	1.27	27.96	1.31	29.60	1.36	30.78	1.38	32.87	1.40	34.50	1.43
	55	26.31	1.29	27.94	1.33	29.57	1.38	30.75	1.40	32.84	1.42	34.48	1.45
	60	26.29	1.30	27.92	1.35	29.55	1.40	30.73	1.42	32.82	1.44	34.45	1.47
	65	26.27	1.32	27.90	1.37	29.53	1.42	30.71	1.43	32.79	1.46	34.42	1.49
	70	26.25	1.33	27.88	1.38	29.51	1.44	30.68	1.45	32.77	1.48	34.40	1.51
	75	25.61	1.41	27.24	1.46	28.87	1.51	30.04	1.53	32.12	1.56	33.74	1.59
	80	24.98	1.48	26.60	1.53	28.23	1.59	29.40	1.60	31.47	1.64	33.09	1.67
	85	24.36	1.55	25.97	1.61	27.59	1.67	28.76	1.69	30.83	1.72	32.45	1.75
	90	23.73	1.62	25.34	1.68	26.96	1.75	28.12	1.77	30.19	1.80	31.80	1.83
	95	23.05	1.70	24.66	1.76	26.26	1.82	27.00	1.84	29.48	1.87	31.08	1.91
	100	22.49	1.77	24.10	1.83	25.70	1.90	26.65	1.92	28.91	1.96	30.52	2.00
	105	21.93	1.84	23.53	1.90	25.14	1.98	26.30	2.00	28.35	2.04	29.96	2.08
	110	21.37	1.91	22.97	1.98	24.58	2.05	25.74	2.08	27.79	2.11	29.40	2.16
	115	20.81	1.98	22.41	2.06	24.02	2.13	25.18	2.15	27.23	2.19	28.84	2.24
	118	20.47	2.03	22.08	2.10	23.68	2.18	24.84	2.20	26.89	2.24	28.50	2.29
	122	20.36	2.08	21.96	2.16	23.57	2.24	24.73	2.27	26.78	2.31	28.39	2.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 38: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	27.53	1.14	29.24	1.18	30.95	1.22	32.18	1.24	34.37	1.26	36.08	1.28
	0	27.51	1.15	29.22	1.19	30.93	1.24	32.16	1.25	34.35	1.27	36.06	1.30
	5	27.49	1.17	29.20	1.21	30.90	1.26	32.14	1.27	34.32	1.29	36.03	1.32
	10	27.47	1.19	29.18	1.23	30.88	1.27	32.11	1.29	34.29	1.31	36.00	1.34
	14	27.45	1.20	29.15	1.25	30.86	1.29	32.09	1.31	34.27	1.33	35.97	1.36
	20	27.43	1.22	29.13	1.26	30.83	1.31	32.06	1.32	34.24	1.35	35.94	1.38
	25	27.41	1.24	29.11	1.28	30.81	1.33	32.04	1.34	34.21	1.37	35.92	1.40
	30	27.39	1.26	29.09	1.30	30.79	1.34	32.02	1.36	34.19	1.39	35.89	1.42
	35	27.36	1.27	29.06	1.32	30.76	1.36	31.99	1.38	34.16	1.41	35.86	1.44
	40	27.34	1.29	29.04	1.33	30.74	1.38	31.97	1.40	34.14	1.43	35.83	1.46
	45	27.32	1.30	29.02	1.35	30.72	1.40	31.94	1.42	34.11	1.45	35.81	1.48
	50	27.30	1.32	29.00	1.37	30.69	1.42	31.92	1.44	34.08	1.47	35.78	1.50
	55	27.28	1.34	28.98	1.39	30.67	1.44	31.89	1.46	34.06	1.49	35.75	1.51
	60	27.26	1.36	28.95	1.41	30.65	1.46	31.87	1.48	34.03	1.50	35.72	1.53
	65	27.24	1.37	28.93	1.43	30.62	1.48	31.84	1.50	34.01	1.52	35.70	1.55
	70	27.22	1.39	28.91	1.44	30.60	1.50	31.82	1.51	33.98	1.54	35.67	1.57
	75	26.56	1.47	28.25	1.52	29.94	1.57	31.15	1.59	33.31	1.62	34.99	1.66
	80	25.91	1.54	27.59	1.60	29.27	1.66	30.49	1.68	32.64	1.71	34.32	1.74
	85	25.26	1.61	26.94	1.68	28.61	1.74	29.83	1.76	31.97	1.79	33.65	1.83
	90	24.61	1.69	26.28	1.76	27.96	1.82	29.17	1.84	31.30	1.87	32.98	1.91
	95	23.91	1.77	25.57	1.83	27.24	1.90	28.00	1.92	30.57	1.96	32.23	2.00
	100	23.32	1.84	24.99	1.91	26.65	1.98	27.64	2.00	29.98	2.04	31.65	2.08
29	105	22.74	1.92	24.41	1.99	26.07	2.06	27.27	2.08	29.40	2.12	31.07	2.16
	110	22.16	1.99	23.82	2.07	25.49	2.14	26.69	2.16	28.82	2.20	30.49	2.25
	115	21.58	2.07	23.24	2.14	24.91	2.22	26.11	2.25	28.24	2.29	29.90	2.33
	118	21.23	2.11	22.89	2.19	24.56	2.27	25.76	2.30	27.89	2.34	29.55	2.38
	122	21.11	2.17	22.78	2.25	24.44	2.33	25.64	2.36	27.77	2.40	29.44	2.45
	-4	28.51	1.19	30.28	1.23	32.05	1.27	33.33	1.29	35.59	1.31	37.36	1.33
	0	28.50	1.20	30.27	1.24	32.03	1.29	33.31	1.30	35.57	1.32	37.34	1.35
	5	28.47	1.22	30.24	1.26	32.01	1.31	33.29	1.32	35.54	1.34	37.31	1.37
	10	28.45	1.24	30.22	1.28	31.98	1.32	33.26	1.34	35.52	1.36	37.28	1.39
	14	28.43	1.25	30.19	1.30	31.96	1.34	33.23	1.36	35.49	1.38	37.26	1.41
	20	28.41	1.27	30.17	1.32	31.94	1.36	33.21	1.38	35.46	1.41	37.23	1.43
	25	28.39	1.29	30.15	1.33	31.91	1.38	33.18	1.40	35.44	1.43	37.20	1.46
	30	28.36	1.31	30.13	1.35	31.89	1.40	33.16	1.42	35.41	1.45	37.17	1.48
	35	28.34	1.32	30.10	1.37	31.86	1.42	33.13	1.44	35.38	1.47	37.14	1.50
	40	28.32	1.34	30.08	1.39	31.84	1.44	33.11	1.46	35.36	1.49	37.11	1.52
	45	28.30	1.36	30.06	1.41	31.81	1.46	33.08	1.48	35.33	1.51	37.09	1.54
	50	28.28	1.38	30.03	1.43	31.79	1.48	33.06	1.50	35.30	1.53	37.06	1.56
	55	28.26	1.39	30.01	1.45	31.76	1.50	33.03	1.52	35.27	1.55	37.03	1.58
	60	28.23	1.41	29.99	1.47	31.74	1.52	33.01	1.54	35.25	1.56	37.00	1.59
	65	28.21	1.43	29.96	1.49	31.72	1.54	32.98	1.56	35.22	1.58	36.97	1.61
	70	28.19	1.45	29.94	1.50	31.69	1.56	32.96	1.57	35.19	1.60	36.94	1.63
	75	27.51	1.53	29.26	1.58	31.00	1.64	32.27	1.66	34.50	1.69	36.24	1.73
	80	26.83	1.60	28.58	1.66	30.32	1.73	31.58	1.75	33.80	1.78	35.54	1.81
	85	26.16	1.68	27.90	1.75	29.64	1.81	30.89	1.83	33.11	1.86	34.85	1.90
	90	25.49	1.76	27.22	1.83	28.96	1.89	30.21	1.91	32.42	1.95	34.16	1.99
	95	24.76	1.84	26.48	1.90	28.21	1.98	29.00	2.00	31.66	2.04	33.38	2.08
	100	24.16	1.92	25.88	1.99	27.61	2.06	28.62	2.08	31.06	2.12	32.78	2.16
	105	23.55	2.00	25.28	2.07	27.00	2.14	28.25	2.17	30.45	2.21	32.18	2.25
	110	22.95	2.07	24.68	2.15	26.40	2.23	27.65	2.25	29.85	2.30	31.57	2.34
	115	22.35	2.15	24.07	2.23	25.80	2.31	27.04	2.34	29.25	2.38	30.97	2.43
	118	21.99	2.20	23.71	2.28	25.44	2.36	26.68	2.39	28.88	2.43	30.61	2.48
	122	21.86	2.26	23.59	2.34	25.31	2.43	26.56	2.46	28.76	2.50	30.49	2.56

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 39: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	29.49	1.23	31.33	1.28	33.16	1.32	34.48	1.34	36.82	1.36	38.65	1.39
	0	29.48	1.25	31.31	1.29	33.14	1.34	34.46	1.35	36.80	1.38	38.63	1.40
	5	29.45	1.27	31.28	1.31	33.11	1.36	34.43	1.37	36.77	1.40	38.60	1.43
	10	29.43	1.28	31.26	1.33	33.09	1.38	34.41	1.39	36.74	1.42	38.57	1.45
	14	29.41	1.30	31.24	1.35	33.06	1.40	34.38	1.41	36.71	1.44	38.54	1.47
	20	29.39	1.32	31.21	1.37	33.04	1.42	34.35	1.44	36.69	1.46	38.51	1.49
	25	29.36	1.34	31.19	1.39	33.01	1.44	34.33	1.46	36.66	1.48	38.48	1.51
	30	29.34	1.36	31.16	1.41	32.99	1.46	34.30	1.48	36.63	1.51	38.45	1.53
	35	29.32	1.37	31.14	1.43	32.96	1.48	34.28	1.50	36.60	1.53	38.42	1.55
	40	29.30	1.39	31.12	1.45	32.94	1.50	34.25	1.52	36.57	1.55	38.39	1.58
	45	29.27	1.41	31.09	1.47	32.91	1.52	34.22	1.54	36.55	1.57	38.36	1.60
	50	29.25	1.43	31.07	1.49	32.89	1.54	34.20	1.56	36.52	1.58	38.34	1.62
	55	29.23	1.45	31.04	1.51	32.86	1.56	34.17	1.58	36.49	1.60	38.31	1.64
	60	29.21	1.47	31.02	1.53	32.83	1.58	34.14	1.60	36.46	1.62	38.28	1.66
	65	29.18	1.49	31.00	1.54	32.81	1.60	34.12	1.62	36.43	1.65	38.25	1.68
	70	29.16	1.51	30.97	1.56	32.78	1.62	34.09	1.64	36.41	1.67	38.22	1.70
	75	28.46	1.59	30.27	1.64	32.07	1.71	33.38	1.73	35.69	1.76	37.49	1.80
	80	27.76	1.67	29.56	1.73	31.36	1.80	32.66	1.82	34.97	1.85	36.77	1.88
	85	27.06	1.75	28.86	1.82	30.66	1.88	31.96	1.90	34.25	1.94	36.05	1.98
	90	26.37	1.83	28.16	1.90	29.95	1.97	31.25	1.99	33.54	2.03	35.33	2.07
	95	25.61	1.91	27.40	1.98	29.18	2.06	30.00	2.08	32.75	2.12	34.53	2.16
	100	24.99	2.00	26.77	2.07	28.56	2.14	29.61	2.16	32.13	2.21	33.91	2.25
31	105	24.37	2.08	26.15	2.15	27.93	2.23	29.22	2.26	31.50	2.30	33.29	2.35
	110	23.74	2.15	25.53	2.24	27.31	2.32	28.60	2.34	30.88	2.39	32.66	2.43
	115	23.12	2.24	24.90	2.32	26.69	2.40	27.98	2.43	30.26	2.48	32.04	2.53
	118	22.74	2.29	24.53	2.37	26.31	2.45	27.60	2.48	29.88	2.53	31.67	2.58
	122	22.62	2.35	24.40	2.44	26.19	2.53	27.48	2.56	29.76	2.60	31.54	2.66
	-4	30.48	1.28	32.37	1.32	34.26	1.37	35.63	1.39	38.05	1.41	39.94	1.44
	0	30.46	1.29	32.35	1.34	34.24	1.39	35.61	1.40	38.03	1.43	39.92	1.46
	5	30.44	1.31	32.33	1.36	34.22	1.41	35.58	1.43	38.00	1.45	39.89	1.49
	10	30.41	1.33	32.30	1.38	34.19	1.43	35.55	1.45	37.97	1.48	39.86	1.51
	14	30.39	1.35	32.28	1.40	34.16	1.45	35.53	1.47	37.94	1.50	39.83	1.53
	20	30.37	1.37	32.25	1.42	34.14	1.48	35.50	1.49	37.91	1.52	39.80	1.55
	25	30.34	1.39	32.23	1.44	34.11	1.50	35.47	1.51	37.88	1.54	39.77	1.57
	30	30.32	1.41	32.20	1.46	34.09	1.52	35.45	1.53	37.85	1.56	39.73	1.59
	35	30.30	1.43	32.18	1.48	34.06	1.54	35.42	1.55	37.82	1.58	39.70	1.61
	40	30.27	1.45	32.15	1.50	34.03	1.56	35.39	1.57	37.79	1.60	39.67	1.63
	45	30.25	1.47	32.13	1.52	34.01	1.58	35.36	1.60	37.76	1.62	39.64	1.66
	50	30.23	1.49	32.10	1.54	33.98	1.60	35.34	1.62	37.74	1.65	39.61	1.68
	55	30.20	1.51	32.08	1.56	33.96	1.62	35.31	1.64	37.71	1.67	39.58	1.70
	60	30.18	1.53	32.05	1.58	33.93	1.64	35.28	1.66	37.68	1.69	39.55	1.73
	65	30.16	1.55	32.03	1.60	33.90	1.66	35.26	1.68	37.65	1.71	39.52	1.75
	70	30.13	1.57	32.01	1.62	33.88	1.68	35.23	1.70	37.62	1.73	39.49	1.77
	75	29.41	1.65	31.28	1.71	33.14	1.78	34.49	1.80	36.88	1.83	38.74	1.86
	80	28.68	1.74	30.55	1.80	32.41	1.86	33.75	1.88	36.13	1.92	38.00	1.96
	85	27.97	1.82	29.82	1.88	31.68	1.95	33.02	1.98	35.40	2.01	37.25	2.06
	90	27.25	1.90	29.10	1.97	30.95	2.05	32.29	2.07	34.66	2.11	36.51	2.15
	95	26.47	1.99	28.31	2.06	30.15	2.13	31.00	2.16	33.84	2.20	35.69	2.24
	100	25.82	2.07	27.67	2.15	29.51	2.22	30.60	2.25	33.20	2.30	35.04	2.34
	105	25.18	2.15	27.02	2.23	28.87	2.32	30.20	2.34	32.55	2.39	34.40	2.43
	110	24.53	2.24	26.38	2.32	28.22	2.41	29.55	2.43	31.91	2.48	33.75	2.53
	115	23.89	2.33	25.73	2.41	27.58	2.50	28.91	2.53	31.26	2.58	33.11	2.63
	118	23.50	2.38	25.35	2.46	27.19	2.55	28.52	2.58	30.88	2.63	32.72	2.68
	122	23.37	2.44	25.22	2.53	27.06	2.63	28.39	2.66	30.75	2.70	32.59	2.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 40: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	31.46	1.33	33.41	1.37	35.37	1.43	36.78	1.44	39.28	1.47	41.23	1.50
	0	31.44	1.34	33.40	1.39	35.35	1.44	36.76	1.46	39.25	1.49	41.21	1.52
	5	31.42	1.36	33.37	1.41	35.32	1.47	36.73	1.48	39.22	1.51	41.17	1.54
	10	31.39	1.38	33.34	1.43	35.29	1.49	36.70	1.51	39.19	1.53	41.14	1.56
	14	31.37	1.40	33.32	1.46	35.27	1.51	36.67	1.53	39.16	1.55	41.11	1.58
	20	31.35	1.42	33.29	1.48	35.24	1.53	36.64	1.55	39.13	1.58	41.08	1.61
	25	31.32	1.44	33.27	1.50	35.21	1.55	36.62	1.57	39.10	1.60	41.05	1.63
	30	31.30	1.46	33.24	1.52	35.19	1.57	36.59	1.59	39.07	1.62	41.02	1.65
	35	31.27	1.49	33.22	1.54	35.16	1.59	36.56	1.61	39.04	1.64	40.99	1.67
	40	31.25	1.51	33.19	1.56	35.13	1.61	36.53	1.63	39.01	1.66	40.95	1.70
	45	31.23	1.53	33.17	1.58	35.10	1.64	36.51	1.65	38.98	1.69	40.92	1.72
	50	31.20	1.55	33.14	1.60	35.08	1.66	36.48	1.68	38.95	1.71	40.89	1.75
	55	31.18	1.57	33.11	1.62	35.05	1.68	36.45	1.70	38.92	1.73	40.86	1.77
	60	31.15	1.58	33.09	1.64	35.02	1.70	36.42	1.72	38.89	1.76	40.83	1.79
	65	31.13	1.60	33.06	1.66	35.00	1.72	36.39	1.75	38.86	1.78	40.80	1.81
	70	31.11	1.62	33.04	1.68	34.97	1.75	36.37	1.77	38.83	1.80	40.77	1.84
	75	30.36	1.71	32.28	1.78	34.21	1.84	35.60	1.86	38.07	1.89	39.99	1.93
	80	29.61	1.80	31.53	1.87	33.45	1.93	34.84	1.95	37.30	1.99	39.22	2.03
	85	28.87	1.89	30.78	1.96	32.70	2.03	34.09	2.05	36.54	2.09	38.46	2.13
	90	28.13	1.97	30.04	2.05	31.95	2.12	33.33	2.15	35.78	2.18	37.69	2.23
	95	27.32	2.07	29.22	2.14	31.13	2.21	32.00	2.24	34.93	2.28	36.84	2.33
	100	26.65	2.15	28.56	2.23	30.46	2.31	31.59	2.34	34.27	2.38	36.17	2.43
33	105	25.99	2.24	27.89	2.32	29.80	2.40	31.17	2.43	33.60	2.48	35.51	2.53
	110	25.32	2.33	27.23	2.41	29.13	2.50	30.51	2.53	32.94	2.58	34.84	2.63
	115	24.66	2.41	26.56	2.50	28.47	2.59	29.84	2.62	32.27	2.67	34.18	2.72
	118	24.26	2.46	26.16	2.56	28.07	2.65	29.44	2.68	31.87	2.73	33.78	2.78
	122	24.13	2.54	26.03	2.63	27.93	2.72	29.31	2.75	31.74	2.81	33.64	2.87
	-4	32.44	1.37	34.46	1.43	36.47	1.48	37.93	1.50	40.50	1.53	42.52	1.55
	0	32.43	1.39	34.44	1.44	36.45	1.50	37.91	1.51	40.48	1.54	42.49	1.57
	5	32.40	1.41	34.41	1.47	36.42	1.52	37.88	1.54	40.45	1.57	42.46	1.60
	10	32.37	1.43	34.39	1.49	36.40	1.54	37.85	1.56	40.42	1.59	42.43	1.62
	14	32.35	1.46	34.36	1.51	36.37	1.56	37.82	1.58	40.39	1.61	42.40	1.64
	20	32.33	1.48	34.33	1.53	36.34	1.59	37.79	1.60	40.36	1.63	42.36	1.66
	25	32.30	1.50	34.31	1.55	36.31	1.61	37.76	1.63	40.32	1.65	42.33	1.69
	30	32.28	1.52	34.28	1.57	36.28	1.63	37.73	1.65	40.29	1.68	42.30	1.71
	35	32.25	1.54	34.25	1.59	36.26	1.65	37.70	1.67	40.26	1.70	42.27	1.74
	40	32.23	1.56	34.23	1.62	36.23	1.67	37.67	1.69	40.23	1.73	42.23	1.76
	45	32.20	1.58	34.20	1.64	36.20	1.70	37.65	1.72	40.20	1.75	42.20	1.79
	50	32.18	1.60	34.18	1.66	36.17	1.72	37.62	1.74	40.17	1.77	42.17	1.81
	55	32.15	1.62	34.15	1.68	36.15	1.74	37.59	1.76	40.14	1.80	42.14	1.83
	60	32.13	1.64	34.12	1.70	36.12	1.77	37.56	1.79	40.11	1.82	42.10	1.86
	65	32.10	1.66	34.10	1.72	36.09	1.79	37.53	1.81	40.08	1.84	42.07	1.88
	70	32.08	1.68	34.07	1.75	36.06	1.81	37.50	1.83	40.05	1.86	42.04	1.90
	75	31.31	1.78	33.29	1.84	35.28	1.91	36.72	1.93	39.26	1.96	41.24	2.01
	80	30.53	1.87	32.52	1.93	34.50	2.01	35.93	2.03	38.46	2.07	40.45	2.11
	85	29.77	1.96	31.75	2.03	33.72	2.10	35.15	2.13	37.68	2.17	39.66	2.21
	90	29.00	2.05	30.98	2.12	32.95	2.20	34.37	2.22	36.89	2.27	38.87	2.31
	95	28.17	2.14	30.14	2.21	32.10	2.30	33.00	2.33	36.03	2.37	37.99	2.42
	100	27.49	2.23	29.45	2.31	31.41	2.40	32.57	2.42	35.34	2.47	37.30	2.52
	105	26.80	2.32	28.76	2.41	30.73	2.49	32.14	2.52	34.65	2.57	36.62	2.62
	110	26.12	2.41	28.08	2.50	30.04	2.59	31.46	2.62	33.97	2.67	35.93	2.72
	115	25.43	2.50	27.39	2.59	29.36	2.69	30.77	2.72	33.28	2.77	35.24	2.83
	118	25.02	2.56	26.98	2.65	28.94	2.74	30.36	2.78	32.87	2.83	34.83	2.89
	122	24.88	2.63	26.84	2.72	28.81	2.82	30.22	2.86	32.73	2.91	34.69	2.97

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 41: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	33.43	1.42	35.50	1.48	37.58	1.53	39.08	1.55	41.73	1.58	43.81	1.61
	0	33.41	1.44	35.48	1.49	37.56	1.55	39.06	1.57	41.71	1.59	43.78	1.63
	5	33.38	1.46	35.45	1.52	37.53	1.57	39.02	1.59	41.67	1.62	43.75	1.65
	10	33.36	1.49	35.43	1.54	37.50	1.60	38.99	1.61	41.64	1.64	43.71	1.68
	14	33.33	1.51	35.40	1.56	37.47	1.62	38.96	1.64	41.61	1.67	43.68	1.70
	20	33.30	1.53	35.37	1.59	37.44	1.64	38.94	1.66	41.58	1.69	43.65	1.73
	25	33.28	1.55	35.35	1.61	37.41	1.66	38.91	1.68	41.55	1.72	43.61	1.75
	30	33.25	1.57	35.32	1.63	37.38	1.69	38.88	1.71	41.51	1.74	43.58	1.78
	35	33.23	1.59	35.29	1.65	37.36	1.71	38.85	1.73	41.48	1.77	43.55	1.80
	40	33.20	1.61	35.27	1.67	37.33	1.74	38.82	1.76	41.45	1.79	43.51	1.83
	45	33.18	1.64	35.24	1.70	37.30	1.76	38.79	1.78	41.42	1.81	43.48	1.85
	50	33.15	1.66	35.21	1.72	37.27	1.78	38.76	1.81	41.39	1.84	43.45	1.87
	55	33.13	1.68	35.18	1.74	37.24	1.81	38.73	1.83	41.36	1.86	43.41	1.90
	60	33.10	1.70	35.16	1.77	37.21	1.83	38.70	1.85	41.32	1.88	43.38	1.92
	65	33.08	1.72	35.13	1.79	37.18	1.85	38.67	1.87	41.29	1.91	43.35	1.94
	70	33.05	1.75	35.10	1.81	37.16	1.87	38.64	1.90	41.26	1.93	43.31	1.97
	75	32.26	1.84	34.30	1.91	36.35	1.97	37.83	2.00	40.45	2.04	42.49	2.08
	80	31.46	1.93	33.50	2.00	35.54	2.08	37.02	2.10	39.63	2.14	41.67	2.18
	85	30.67	2.03	32.71	2.10	34.75	2.18	36.22	2.20	38.82	2.24	40.86	2.29
	90	29.88	2.12	31.92	2.20	33.95	2.28	35.42	2.31	38.01	2.35	40.05	2.40
	95	29.03	2.21	31.05	2.30	33.07	2.38	34.00	2.41	37.12	2.45	39.14	2.50
	100	28.32	2.31	30.34	2.39	32.37	2.48	33.56	2.51	36.41	2.56	38.43	2.61
	105	27.61	2.40	29.64	2.49	31.66	2.58	33.12	2.61	35.70	2.66	37.73	2.71
	110	26.91	2.50	28.93	2.59	30.95	2.68	32.41	2.71	35.00	2.76	37.02	2.82
	115	26.20	2.59	28.22	2.69	30.24	2.78	31.71	2.82	34.29	2.87	36.31	2.93
	118	25.78	2.65	27.80	2.74	29.82	2.84	31.28	2.88	33.87	2.93	35.89	2.99
	122	25.63	2.72	27.66	2.82	29.68	2.93	31.14	2.96	33.72	3.01	35.75	3.07
35	-4	34.41	1.48	36.55	1.53	38.68	1.59	40.23	1.60	42.96	1.63	45.09	1.66
	0	34.39	1.49	36.53	1.55	38.66	1.60	40.21	1.62	42.93	1.65	45.07	1.68
	5	34.36	1.52	36.50	1.57	38.63	1.63	40.17	1.65	42.90	1.68	45.03	1.71
	10	34.34	1.54	36.47	1.59	38.60	1.65	40.14	1.67	42.87	1.70	45.00	1.74
	14	34.31	1.56	36.44	1.62	38.57	1.67	40.11	1.69	42.83	1.73	44.96	1.76
	20	34.28	1.58	36.41	1.64	38.54	1.70	40.08	1.72	42.80	1.75	44.93	1.79
	25	34.26	1.61	36.39	1.66	38.51	1.72	40.05	1.74	42.77	1.78	44.90	1.81
	30	34.23	1.63	36.36	1.68	38.48	1.75	40.02	1.77	42.74	1.80	44.86	1.84
	35	34.21	1.65	36.33	1.71	38.45	1.77	39.99	1.79	42.70	1.83	44.83	1.86
	40	34.18	1.67	36.30	1.73	38.42	1.80	39.96	1.82	42.67	1.85	44.79	1.89
	45	34.15	1.69	36.27	1.76	38.40	1.82	39.93	1.84	42.64	1.88	44.76	1.91
	50	34.13	1.72	36.25	1.78	38.37	1.85	39.90	1.87	42.61	1.90	44.72	1.94
	55	34.10	1.74	36.22	1.80	38.34	1.87	39.87	1.89	42.57	1.92	44.69	1.96
	60	34.07	1.76	36.19	1.83	38.31	1.89	39.84	1.91	42.54	1.95	44.66	1.99
	65	34.05	1.79	36.16	1.85	38.28	1.92	39.81	1.94	42.51	1.97	44.62	2.01
	70	34.02	1.81	36.14	1.87	38.25	1.94	39.77	1.96	42.47	2.00	44.59	2.04
	75	33.20	1.90	35.31	1.97	37.42	2.05	38.94	2.07	41.63	2.11	43.74	2.15
	80	32.39	2.00	34.49	2.08	36.59	2.15	38.11	2.17	40.80	2.21	42.90	2.26
	85	31.57	2.10	33.67	2.17	35.77	2.25	37.28	2.28	39.96	2.32	42.06	2.37
	90	30.76	2.19	32.85	2.28	34.95	2.36	36.46	2.39	39.13	2.43	41.22	2.48
	95	29.88	2.29	31.96	2.38	34.04	2.46	35.00	2.49	38.21	2.54	40.29	2.59
	100	29.15	2.39	31.24	2.48	33.32	2.57	34.55	2.60	37.48	2.65	39.56	2.70
	105	28.43	2.49	30.51	2.58	32.59	2.67	34.09	2.70	36.75	2.75	38.83	2.81
	110	27.70	2.59	29.78	2.68	31.86	2.78	33.37	2.81	36.03	2.86	38.11	2.92
	115	26.97	2.68	29.05	2.78	31.13	2.88	32.64	2.92	35.30	2.97	37.38	3.03
	118	26.53	2.74	28.62	2.84	30.70	2.95	32.20	2.98	34.86	3.03	36.94	3.09
	122	26.39	2.82	28.47	2.92	30.55	3.03	32.06	3.06	34.72	3.12	36.80	3.18

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 42: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
37	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29
	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 43: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
39	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29
	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 44: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29
41	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 45: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
43	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29
	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 46: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
45	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29
	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 47: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
47	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29
	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 48: KUMXA361A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 49: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	17.70	0.67	18.80	0.69	19.89	0.72	20.69	0.72	22.09	0.74	23.19	0.75
	0	17.69	0.67	18.79	0.70	19.88	0.72	20.68	0.73	22.08	0.74	23.18	0.76
	5	17.67	0.68	18.77	0.71	19.87	0.73	20.66	0.74	22.06	0.76	23.16	0.77
	10	17.66	0.69	18.76	0.72	19.85	0.75	20.64	0.75	22.05	0.77	23.14	0.78
	14	17.65	0.70	18.74	0.73	19.84	0.76	20.63	0.77	22.03	0.78	23.12	0.80
	20	17.63	0.71	18.73	0.74	19.82	0.77	20.61	0.78	22.01	0.79	23.11	0.81
	25	17.62	0.72	18.71	0.75	19.81	0.78	20.60	0.79	22.00	0.80	23.09	0.82
	30	17.60	0.73	18.70	0.76	19.79	0.79	20.58	0.80	21.98	0.81	23.07	0.83
	35	17.59	0.74	18.68	0.77	19.78	0.80	20.57	0.81	21.96	0.82	23.05	0.84
	40	17.58	0.75	18.67	0.78	19.76	0.81	20.55	0.82	21.94	0.84	23.04	0.85
	45	17.56	0.76	18.66	0.79	19.75	0.82	20.53	0.83	21.93	0.85	23.02	0.86
	50	17.55	0.77	18.64	0.80	19.73	0.83	20.52	0.84	21.91	0.86	23.00	0.88
	55	17.54	0.78	18.63	0.81	19.72	0.84	20.50	0.85	21.89	0.87	22.98	0.89
	60	17.52	0.80	18.61	0.82	19.70	0.85	20.49	0.86	21.88	0.88	22.97	0.90
	65	17.51	0.81	18.60	0.83	19.69	0.87	20.47	0.88	21.86	0.89	22.95	0.91
	70	17.50	0.82	18.58	0.85	19.67	0.88	20.46	0.89	21.84	0.90	22.93	0.92
	75	17.08	0.86	18.16	0.89	19.24	0.92	20.03	0.93	21.41	0.95	22.50	0.97
	80	16.66	0.90	17.74	0.94	18.82	0.97	19.60	0.98	20.98	1.00	22.06	1.02
	85	16.24	0.95	17.32	0.98	18.40	1.02	19.17	1.03	20.55	1.05	21.63	1.07
	90	15.82	0.99	16.90	1.03	17.97	1.06	18.75	1.08	20.12	1.10	21.20	1.12
	95	15.37	1.04	16.44	1.07	17.51	1.11	18.00	1.13	19.65	1.15	20.72	1.17
	100	14.99	1.08	16.06	1.12	17.13	1.16	17.77	1.17	19.28	1.19	20.35	1.22
	105	14.62	1.12	15.69	1.16	16.76	1.21	17.53	1.22	18.90	1.24	19.97	1.27
	110	14.24	1.17	15.32	1.21	16.39	1.25	17.16	1.27	18.53	1.29	19.60	1.32
	115	13.87	1.21	14.94	1.26	16.01	1.30	16.79	1.32	18.15	1.34	19.22	1.37
	118	13.65	1.24	14.72	1.28	15.79	1.33	16.56	1.34	17.93	1.37	19.00	1.40
	122	13.57	1.27	14.64	1.32	15.71	1.37	16.49	1.38	17.85	1.41	18.92	1.44
19	-4	18.68	0.71	19.84	0.73	21.00	0.76	21.84	0.77	23.32	0.78	24.48	0.80
	0	18.67	0.71	19.83	0.74	20.99	0.77	21.83	0.78	23.31	0.79	24.47	0.81
	5	18.65	0.73	19.81	0.75	20.97	0.78	21.81	0.79	23.29	0.80	24.45	0.82
	10	18.64	0.74	19.80	0.76	20.96	0.79	21.79	0.80	23.27	0.82	24.43	0.83
	14	18.63	0.75	19.78	0.77	20.94	0.80	21.77	0.81	23.25	0.83	24.41	0.84
	20	18.61	0.76	19.77	0.79	20.92	0.81	21.76	0.82	23.23	0.84	24.39	0.86
	25	18.60	0.77	19.75	0.80	20.91	0.83	21.74	0.84	23.22	0.85	24.37	0.87
	30	18.58	0.78	19.74	0.81	20.89	0.84	21.72	0.85	23.20	0.86	24.35	0.88
	35	18.57	0.79	19.72	0.82	20.88	0.85	21.71	0.86	23.18	0.87	24.33	0.89
	40	18.55	0.80	19.71	0.83	20.86	0.86	21.69	0.87	23.16	0.89	24.32	0.90
	45	18.54	0.81	19.69	0.84	20.84	0.87	21.67	0.88	23.15	0.90	24.30	0.92
	50	18.53	0.82	19.68	0.85	20.83	0.88	21.66	0.89	23.13	0.91	24.28	0.93
	55	18.51	0.83	19.66	0.86	20.81	0.89	21.64	0.91	23.11	0.92	24.26	0.94
	60	18.50	0.84	19.65	0.87	20.80	0.91	21.63	0.92	23.09	0.93	24.24	0.95
	65	18.48	0.85	19.63	0.89	20.78	0.92	21.61	0.93	23.08	0.95	24.22	0.96
	70	18.47	0.87	19.62	0.90	20.76	0.93	21.59	0.94	23.06	0.96	24.20	0.98
	75	18.02	0.91	19.17	0.95	20.31	0.98	21.14	0.99	22.60	1.01	23.75	1.03
	80	17.58	0.96	18.72	0.99	19.86	1.03	20.69	1.04	22.15	1.06	23.29	1.08
	85	17.14	1.01	18.28	1.04	19.42	1.08	20.24	1.09	21.69	1.11	22.83	1.14
	90	16.70	1.05	17.84	1.09	18.97	1.13	19.79	1.14	21.24	1.16	22.38	1.19
	95	16.22	1.10	17.35	1.14	18.48	1.18	19.00	1.19	20.74	1.22	21.87	1.24
	100	15.83	1.15	16.96	1.19	18.09	1.23	18.75	1.24	20.35	1.27	21.48	1.29
	105	15.43	1.19	16.56	1.24	17.69	1.28	18.51	1.30	19.95	1.32	21.08	1.35
	110	15.04	1.24	16.17	1.28	17.30	1.33	18.11	1.35	19.56	1.37	20.69	1.40
	115	14.64	1.29	15.77	1.33	16.90	1.38	17.72	1.40	19.16	1.42	20.29	1.45
	118	14.40	1.31	15.53	1.36	16.66	1.41	17.48	1.43	18.92	1.45	20.05	1.48
	122	14.33	1.35	15.46	1.40	16.59	1.45	17.40	1.47	18.85	1.50	19.98	1.53

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 50: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	19.66	0.75	20.88	0.77	22.11	0.80	22.99	0.81	24.55	0.83	25.77	0.84
	0	19.65	0.76	20.87	0.78	22.09	0.81	22.97	0.82	24.53	0.84	25.75	0.85
	5	19.64	0.77	20.86	0.80	22.07	0.82	22.96	0.83	24.51	0.85	25.73	0.87
	10	19.62	0.78	20.84	0.81	22.06	0.84	22.94	0.85	24.50	0.86	25.71	0.88
	14	19.61	0.79	20.82	0.82	22.04	0.85	22.92	0.86	24.48	0.88	25.69	0.89
	20	19.59	0.80	20.81	0.83	22.02	0.86	22.90	0.87	24.46	0.89	25.67	0.91
	25	19.58	0.81	20.79	0.84	22.01	0.87	22.89	0.88	24.44	0.90	25.65	0.92
	30	19.56	0.82	20.78	0.85	21.99	0.89	22.87	0.90	24.42	0.91	25.64	0.93
	35	19.55	0.84	20.76	0.87	21.97	0.90	22.85	0.91	24.40	0.93	25.62	0.94
	40	19.53	0.85	20.74	0.88	21.96	0.91	22.83	0.92	24.38	0.94	25.60	0.96
	45	19.52	0.86	20.73	0.89	21.94	0.92	22.82	0.93	24.36	0.95	25.58	0.97
	50	19.50	0.87	20.71	0.90	21.92	0.93	22.80	0.95	24.35	0.96	25.56	0.98
	55	19.49	0.88	20.70	0.91	21.91	0.95	22.78	0.96	24.33	0.98	25.54	1.00
	60	19.47	0.89	20.68	0.93	21.89	0.96	22.76	0.97	24.31	0.99	25.52	1.01
	65	19.46	0.90	20.66	0.94	21.87	0.97	22.75	0.98	24.29	1.00	25.50	1.02
	70	19.44	0.92	20.65	0.95	21.86	0.98	22.73	0.99	24.27	1.01	25.48	1.03
	75	18.97	0.96	20.18	1.00	21.38	1.04	22.25	1.05	23.79	1.07	25.00	1.09
	80	18.51	1.01	19.71	1.05	20.91	1.09	21.78	1.10	23.31	1.12	24.51	1.15
	85	18.04	1.06	19.24	1.10	20.44	1.14	21.30	1.16	22.84	1.18	24.03	1.20
	90	17.58	1.11	18.77	1.15	19.97	1.20	20.83	1.21	22.36	1.23	23.56	1.26
	95	17.08	1.16	18.26	1.20	19.45	1.25	20.00	1.26	21.83	1.29	23.02	1.31
	100	16.66	1.21	17.85	1.26	19.04	1.30	19.74	1.32	21.42	1.34	22.61	1.37
	105	16.24	1.26	17.43	1.31	18.62	1.35	19.48	1.37	21.00	1.40	22.19	1.42
	110	15.83	1.31	17.02	1.36	18.21	1.41	19.07	1.42	20.59	1.45	21.78	1.48
	115	15.41	1.36	16.60	1.41	17.79	1.46	18.65	1.48	20.17	1.51	21.36	1.54
	118	15.16	1.39	16.35	1.44	17.54	1.49	18.40	1.51	19.92	1.54	21.11	1.57
	122	15.08	1.43	16.27	1.48	17.46	1.54	18.32	1.55	19.84	1.58	21.03	1.61
21	-4	20.65	0.79	21.93	0.82	23.21	0.85	24.14	0.86	25.77	0.87	27.06	0.89
	0	20.63	0.80	21.92	0.83	23.20	0.86	24.12	0.87	25.76	0.88	27.04	0.90
	5	20.62	0.81	21.90	0.84	23.18	0.87	24.10	0.88	25.74	0.90	27.02	0.92
	10	20.60	0.82	21.88	0.85	23.16	0.88	24.08	0.89	25.72	0.91	27.00	0.93
	14	20.59	0.83	21.86	0.86	23.14	0.90	24.07	0.91	25.70	0.92	26.98	0.94
	20	20.57	0.85	21.85	0.88	23.13	0.91	24.05	0.92	25.68	0.94	26.96	0.96
	25	20.55	0.86	21.83	0.89	23.11	0.92	24.03	0.93	25.66	0.95	26.94	0.97
	30	20.54	0.87	21.81	0.90	23.09	0.94	24.01	0.95	25.64	0.96	26.92	0.98
	35	20.52	0.88	21.80	0.91	23.07	0.95	23.99	0.96	25.62	0.98	26.90	1.00
	40	20.51	0.89	21.78	0.93	23.05	0.96	23.97	0.97	25.60	0.99	26.88	1.01
	45	20.49	0.91	21.76	0.94	23.04	0.97	23.96	0.98	25.58	1.00	26.86	1.02
	50	20.48	0.92	21.75	0.95	23.02	0.99	23.94	1.00	25.56	1.02	26.83	1.04
	55	20.46	0.93	21.73	0.96	23.00	1.00	23.92	1.01	25.54	1.03	26.81	1.05
	60	20.44	0.94	21.71	0.98	22.98	1.01	23.90	1.02	25.52	1.04	26.79	1.06
	65	20.43	0.95	21.70	0.99	22.97	1.03	23.88	1.04	25.50	1.06	26.77	1.08
	70	20.41	0.97	21.68	1.00	22.95	1.04	23.86	1.05	25.48	1.07	26.75	1.09
	75	19.92	1.02	21.19	1.06	22.45	1.09	23.36	1.11	24.98	1.13	26.25	1.15
	80	19.43	1.07	20.69	1.11	21.95	1.15	22.87	1.16	24.48	1.19	25.74	1.21
	85	18.94	1.12	20.20	1.16	21.46	1.21	22.37	1.22	23.98	1.24	25.24	1.27
	90	18.46	1.17	19.71	1.22	20.97	1.26	21.87	1.28	23.48	1.30	24.73	1.33
	95	17.93	1.23	19.18	1.27	20.43	1.32	21.00	1.33	22.93	1.36	24.17	1.39
	100	17.49	1.28	18.74	1.33	19.99	1.37	20.73	1.39	22.49	1.42	23.74	1.44
	105	17.06	1.33	18.30	1.38	19.55	1.43	20.46	1.45	22.05	1.47	23.30	1.50
	110	16.62	1.38	17.87	1.43	19.12	1.49	20.02	1.50	21.62	1.53	22.86	1.56
	115	16.18	1.44	17.43	1.49	18.68	1.54	19.58	1.56	21.18	1.59	22.43	1.62
	118	15.92	1.47	17.17	1.52	18.42	1.58	19.32	1.59	20.92	1.62	22.17	1.66
	122	15.83	1.51	17.08	1.56	18.33	1.62	19.23	1.64	20.83	1.67	22.08	1.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 51: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	21.63	0.83	22.97	0.86	24.32	0.89	25.29	0.90	27.00	0.92	28.35	0.94
	0	21.62	0.84	22.96	0.87	24.30	0.90	25.27	0.91	26.99	0.93	28.33	0.95
	5	21.60	0.85	22.94	0.88	24.28	0.92	25.25	0.93	26.97	0.94	28.31	0.96
	10	21.58	0.87	22.92	0.90	24.26	0.93	25.23	0.94	26.94	0.96	28.29	0.98
	14	21.57	0.88	22.91	0.91	24.25	0.94	25.21	0.95	26.92	0.97	28.26	0.99
	20	21.55	0.89	22.89	0.92	24.23	0.96	25.19	0.97	26.90	0.99	28.24	1.01
	25	21.53	0.90	22.87	0.94	24.21	0.97	25.17	0.98	26.88	1.00	28.22	1.02
	30	21.52	0.92	22.85	0.95	24.19	0.98	25.15	1.00	26.86	1.01	28.20	1.04
	35	21.50	0.93	22.84	0.96	24.17	1.00	25.14	1.01	26.84	1.03	28.18	1.05
	40	21.48	0.94	22.82	0.98	24.15	1.01	25.12	1.02	26.82	1.04	28.16	1.06
	45	21.47	0.95	22.80	0.99	24.13	1.03	25.10	1.04	26.80	1.06	28.13	1.08
	50	21.45	0.97	22.78	1.00	24.12	1.04	25.08	1.05	26.78	1.07	28.11	1.09
	55	21.43	0.98	22.77	1.02	24.10	1.05	25.06	1.06	26.76	1.08	28.09	1.11
	60	21.42	0.99	22.75	1.03	24.08	1.07	25.04	1.08	26.74	1.10	28.07	1.12
	65	21.40	1.01	22.73	1.04	24.06	1.08	25.02	1.09	26.72	1.11	28.05	1.14
	70	21.39	1.02	22.71	1.05	24.04	1.09	25.00	1.11	26.70	1.13	28.03	1.15
	75	20.87	1.07	22.20	1.11	23.52	1.15	24.48	1.17	26.17	1.19	27.50	1.21
	80	20.36	1.13	21.68	1.17	23.00	1.21	23.95	1.23	25.64	1.25	26.96	1.27
	85	19.85	1.18	21.16	1.23	22.48	1.27	23.44	1.28	25.12	1.31	26.44	1.34
	90	19.34	1.24	20.65	1.28	21.97	1.33	22.92	1.34	24.60	1.37	25.91	1.40
	95	18.78	1.29	20.09	1.34	21.40	1.39	22.00	1.40	24.02	1.43	25.33	1.46
	100	18.33	1.35	19.63	1.40	20.94	1.45	21.71	1.46	23.56	1.49	24.87	1.52
	105	17.87	1.40	19.18	1.45	20.48	1.51	21.43	1.52	23.10	1.55	24.41	1.58
	110	17.41	1.46	18.72	1.51	20.03	1.57	20.97	1.58	22.64	1.61	23.95	1.65
	115	16.95	1.51	18.26	1.57	19.57	1.62	20.52	1.64	22.19	1.67	23.50	1.71
	118	16.68	1.54	17.99	1.60	19.30	1.66	20.24	1.68	21.91	1.71	23.22	1.74
	122	16.59	1.59	17.90	1.65	19.20	1.71	20.15	1.73	21.82	1.76	23.13	1.79
23	-4	22.61	0.87	24.02	0.91	25.42	0.94	26.44	0.95	28.23	0.97	29.63	0.99
	0	22.60	0.88	24.00	0.91	25.41	0.95	26.42	0.96	28.21	0.98	29.62	1.00
	5	22.58	0.90	23.98	0.93	25.39	0.96	26.40	0.97	28.19	0.99	29.59	1.01
	10	22.56	0.91	23.97	0.94	25.37	0.98	26.38	0.99	28.17	1.01	29.57	1.03
	14	22.55	0.92	23.95	0.96	25.35	0.99	26.36	1.00	28.15	1.02	29.55	1.04
	20	22.53	0.94	23.93	0.97	25.33	1.01	26.34	1.02	28.13	1.04	29.53	1.06
	25	22.51	0.95	23.91	0.98	25.31	1.02	26.32	1.03	28.10	1.05	29.50	1.07
	30	22.50	0.96	23.89	1.00	25.29	1.04	26.30	1.05	28.08	1.07	29.48	1.09
	35	22.48	0.98	23.87	1.01	25.27	1.05	26.28	1.06	28.06	1.08	29.46	1.10
	40	22.46	0.99	23.86	1.03	25.25	1.06	26.26	1.08	28.04	1.10	29.44	1.12
	45	22.44	1.00	23.84	1.04	25.23	1.08	26.24	1.09	28.02	1.11	29.41	1.13
	50	22.43	1.02	23.82	1.05	25.21	1.09	26.22	1.10	28.00	1.13	29.39	1.15
	55	22.41	1.03	23.80	1.07	25.19	1.11	26.20	1.12	27.98	1.14	29.37	1.16
	60	22.39	1.04	23.78	1.08	25.17	1.12	26.18	1.13	27.95	1.15	29.35	1.18
	65	22.37	1.06	23.76	1.09	25.15	1.13	26.16	1.15	27.93	1.17	29.32	1.19
	70	22.36	1.07	23.75	1.11	25.13	1.15	26.14	1.16	27.91	1.18	29.30	1.21
	75	21.82	1.13	23.20	1.17	24.59	1.21	25.59	1.23	27.36	1.25	28.75	1.27
	80	21.28	1.19	22.66	1.23	24.04	1.27	25.04	1.29	26.81	1.31	28.19	1.34
	85	20.75	1.24	22.13	1.29	23.50	1.34	24.50	1.35	26.26	1.38	27.64	1.40
	90	20.22	1.30	21.59	1.35	22.96	1.40	23.96	1.41	25.71	1.44	27.09	1.47
	95	19.64	1.36	21.00	1.41	22.37	1.46	23.00	1.48	25.11	1.50	26.48	1.53
	100	19.16	1.42	20.53	1.47	21.89	1.52	22.70	1.54	24.63	1.57	26.00	1.60
	105	18.68	1.47	20.05	1.53	21.42	1.58	22.40	1.60	24.15	1.63	25.52	1.66
	110	18.20	1.53	19.57	1.59	20.94	1.65	21.93	1.66	23.67	1.70	25.04	1.73
	115	17.72	1.59	19.09	1.65	20.46	1.71	21.45	1.73	23.20	1.76	24.56	1.79
	118	17.44	1.62	18.80	1.68	20.17	1.74	21.16	1.76	22.91	1.80	24.28	1.83
	122	17.34	1.67	18.71	1.73	20.08	1.79	21.07	1.81	22.81	1.85	24.18	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 52: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	23.60	0.92	25.06	0.95	26.53	0.98	27.58	1.00	29.46	1.01	30.92	1.03
	0	23.58	0.93	25.05	0.96	26.51	0.99	27.57	1.01	29.44	1.03	30.91	1.05
	5	23.56	0.94	25.03	0.98	26.49	1.01	27.55	1.02	29.42	1.04	30.88	1.06
	10	23.55	0.96	25.01	0.99	26.47	1.03	27.53	1.04	29.39	1.06	30.86	1.08
	14	23.53	0.97	24.99	1.00	26.45	1.04	27.50	1.05	29.37	1.07	30.83	1.09
	20	23.51	0.98	24.97	1.02	26.43	1.06	27.48	1.07	29.35	1.09	30.81	1.11
	25	23.49	1.00	24.95	1.03	26.41	1.07	27.46	1.08	29.33	1.10	30.79	1.13
	30	23.47	1.01	24.93	1.05	26.39	1.09	27.44	1.10	29.30	1.12	30.76	1.14
	35	23.46	1.02	24.91	1.06	26.37	1.10	27.42	1.11	29.28	1.13	30.74	1.16
	40	23.44	1.04	24.89	1.08	26.35	1.12	27.40	1.13	29.26	1.15	30.72	1.17
	45	23.42	1.05	24.87	1.09	26.33	1.13	27.38	1.14	29.24	1.17	30.69	1.19
	50	23.40	1.07	24.85	1.11	26.31	1.15	27.36	1.16	29.21	1.18	30.67	1.20
	55	23.38	1.08	24.84	1.12	26.29	1.16	27.34	1.17	29.19	1.20	30.64	1.22
	60	23.37	1.09	24.82	1.13	26.27	1.18	27.32	1.19	29.17	1.21	30.62	1.24
	65	23.35	1.11	24.80	1.15	26.25	1.19	27.29	1.20	29.15	1.23	30.60	1.25
	70	23.33	1.12	24.78	1.16	26.23	1.21	27.27	1.22	29.13	1.24	30.57	1.27
	75	22.77	1.18	24.21	1.23	25.66	1.27	26.70	1.29	28.55	1.31	29.99	1.34
	80	22.21	1.24	23.65	1.29	25.09	1.34	26.13	1.35	27.97	1.38	29.42	1.40
	85	21.65	1.30	23.09	1.35	24.53	1.40	25.57	1.42	27.40	1.44	28.84	1.47
	90	21.09	1.36	22.53	1.41	23.96	1.47	25.00	1.48	26.83	1.51	28.27	1.54
	95	20.49	1.42	21.92	1.48	23.35	1.53	24.00	1.55	26.20	1.58	27.63	1.61
	100	19.99	1.49	21.42	1.54	22.85	1.60	23.69	1.61	25.70	1.64	27.13	1.68
	105	19.49	1.55	20.92	1.60	22.35	1.66	23.38	1.68	25.20	1.71	26.63	1.75
	110	18.99	1.61	20.42	1.67	21.85	1.73	22.88	1.75	24.70	1.78	26.13	1.81
	115	18.49	1.67	19.92	1.73	21.35	1.79	22.38	1.81	24.20	1.85	25.63	1.88
	118	18.19	1.70	19.62	1.77	21.05	1.83	22.08	1.85	23.90	1.89	25.33	1.92
	122	18.10	1.75	19.52	1.82	20.95	1.88	21.98	1.90	23.81	1.94	25.23	1.98
25	-4	24.58	0.96	26.10	0.99	27.63	1.03	28.73	1.04	30.68	1.06	32.21	1.08
	0	24.57	0.97	26.09	1.01	27.62	1.04	28.72	1.05	30.67	1.07	32.19	1.10
	5	24.54	0.99	26.07	1.02	27.59	1.06	28.69	1.07	30.64	1.09	32.17	1.11
	10	24.53	1.00	26.05	1.04	27.57	1.07	28.67	1.09	30.62	1.11	32.14	1.13
	14	24.51	1.01	26.03	1.05	27.55	1.09	28.65	1.10	30.60	1.12	32.12	1.15
	20	24.49	1.03	26.01	1.07	27.53	1.11	28.63	1.12	30.57	1.14	32.09	1.16
	25	24.47	1.04	25.99	1.08	27.51	1.12	28.61	1.13	30.55	1.16	32.07	1.18
	30	24.45	1.06	25.97	1.10	27.49	1.14	28.59	1.15	30.53	1.17	32.04	1.20
	35	24.43	1.07	25.95	1.11	27.47	1.15	28.56	1.17	30.50	1.19	32.02	1.21
	40	24.41	1.09	25.93	1.13	27.45	1.17	28.54	1.18	30.48	1.20	32.00	1.23
	45	24.40	1.10	25.91	1.14	27.43	1.18	28.52	1.20	30.46	1.22	31.97	1.24
	50	24.38	1.12	25.89	1.16	27.40	1.20	28.50	1.21	30.43	1.24	31.95	1.26
	55	24.36	1.13	25.87	1.17	27.38	1.22	28.48	1.23	30.41	1.25	31.92	1.28
	60	24.34	1.15	25.85	1.19	27.36	1.23	28.45	1.25	30.39	1.27	31.90	1.29
	65	24.32	1.16	25.83	1.20	27.34	1.25	28.43	1.26	30.36	1.28	31.87	1.31
	70	24.30	1.18	25.81	1.22	27.32	1.26	28.41	1.28	30.34	1.30	31.85	1.33
	75	23.72	1.24	25.22	1.28	26.73	1.33	27.82	1.35	29.74	1.37	31.24	1.40
	80	23.13	1.30	24.63	1.35	26.14	1.40	27.22	1.41	29.14	1.44	30.64	1.47
	85	22.55	1.37	24.05	1.42	25.55	1.47	26.63	1.48	28.54	1.51	30.04	1.54
	90	21.97	1.43	23.47	1.48	24.96	1.54	26.04	1.55	27.95	1.58	29.44	1.61
	95	21.34	1.49	22.83	1.55	24.32	1.60	25.00	1.62	27.29	1.65	28.78	1.69
	100	20.82	1.56	22.31	1.61	23.80	1.67	24.68	1.69	26.77	1.72	28.26	1.76
	105	20.30	1.62	21.79	1.68	23.28	1.74	24.35	1.76	26.25	1.79	27.74	1.83
	110	19.78	1.68	21.27	1.74	22.76	1.81	23.83	1.83	25.73	1.86	27.22	1.90
	115	19.26	1.75	20.75	1.81	22.24	1.88	23.31	1.90	25.21	1.93	26.70	1.97
	118	18.95	1.78	20.44	1.85	21.93	1.92	23.00	1.94	24.90	1.97	26.39	2.01
	122	18.85	1.83	20.34	1.90	21.82	1.97	22.90	1.99	24.80	2.03	26.28	2.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 53: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	25.56	1.00	27.15	1.04	28.74	1.08	29.88	1.09	31.91	1.11	33.50	1.13
	0	25.55	1.01	27.13	1.05	28.72	1.09	29.87	1.10	31.89	1.12	33.48	1.15
	5	25.53	1.03	27.11	1.07	28.70	1.11	29.84	1.12	31.87	1.14	33.45	1.16
	10	25.51	1.05	27.09	1.08	28.68	1.12	29.82	1.14	31.84	1.16	33.43	1.18
	14	25.49	1.06	27.07	1.10	28.65	1.14	29.80	1.15	31.82	1.17	33.40	1.20
	20	25.47	1.08	27.05	1.12	28.63	1.16	29.77	1.17	31.80	1.19	33.38	1.22
	25	25.45	1.09	27.03	1.13	28.61	1.17	29.75	1.19	31.77	1.21	33.35	1.23
	30	25.43	1.11	27.01	1.15	28.59	1.19	29.73	1.20	31.75	1.23	33.33	1.25
	35	25.41	1.12	26.99	1.16	28.57	1.21	29.71	1.22	31.72	1.24	33.30	1.27
	40	25.39	1.14	26.97	1.18	28.54	1.22	29.68	1.24	31.70	1.26	33.27	1.28
	45	25.37	1.15	26.95	1.19	28.52	1.24	29.66	1.25	31.67	1.28	33.25	1.30
	50	25.35	1.17	26.93	1.21	28.50	1.25	29.64	1.27	31.65	1.29	33.22	1.32
	55	25.33	1.18	26.91	1.23	28.48	1.27	29.61	1.29	31.63	1.31	33.20	1.34
	60	25.31	1.20	26.88	1.24	28.46	1.29	29.59	1.30	31.60	1.33	33.17	1.35
	65	25.29	1.21	26.86	1.26	28.43	1.30	29.57	1.32	31.58	1.34	33.15	1.37
	70	25.27	1.23	26.84	1.27	28.41	1.32	29.55	1.34	31.55	1.36	33.12	1.39
	75	24.67	1.30	26.23	1.34	27.80	1.39	28.93	1.41	30.93	1.43	32.49	1.46
	80	24.06	1.36	25.62	1.41	27.18	1.46	28.31	1.48	30.31	1.51	31.87	1.54
	85	23.45	1.43	25.01	1.48	26.57	1.53	27.70	1.55	29.69	1.58	31.24	1.61
	90	22.85	1.49	24.41	1.55	25.96	1.61	27.08	1.62	29.07	1.65	30.62	1.69
	95	22.20	1.56	23.74	1.62	25.29	1.68	26.00	1.70	28.38	1.73	29.93	1.76
	100	21.66	1.63	23.20	1.69	24.75	1.75	25.66	1.77	27.84	1.80	29.39	1.84
	105	21.12	1.69	22.66	1.75	24.21	1.82	25.33	1.84	27.30	1.87	28.85	1.91
	110	20.58	1.76	22.12	1.82	23.67	1.89	24.79	1.91	26.76	1.95	28.31	1.99
	115	20.04	1.83	21.58	1.89	23.13	1.96	24.25	1.98	26.22	2.02	27.77	2.06
	118	19.71	1.87	21.26	1.93	22.80	2.00	23.92	2.03	25.90	2.07	27.44	2.11
	122	19.60	1.92	21.15	1.99	22.70	2.06	23.81	2.08	25.79	2.12	27.34	2.17
27	-4	26.54	1.05	28.19	1.09	29.84	1.13	31.03	1.14	33.14	1.16	34.79	1.18
	0	26.53	1.06	28.18	1.10	29.83	1.14	31.02	1.15	33.12	1.17	34.77	1.20
	5	26.51	1.08	28.15	1.12	29.80	1.16	30.99	1.17	33.09	1.19	34.74	1.22
	10	26.49	1.09	28.13	1.13	29.78	1.17	30.97	1.19	33.07	1.21	34.71	1.23
	14	26.47	1.11	28.11	1.15	29.76	1.19	30.94	1.20	33.04	1.23	34.69	1.25
	20	26.45	1.12	28.09	1.16	29.73	1.21	30.92	1.22	33.02	1.24	34.66	1.27
	25	26.43	1.14	28.07	1.18	29.71	1.22	30.90	1.24	32.99	1.26	34.63	1.29
	30	26.41	1.16	28.05	1.20	29.69	1.24	30.87	1.26	32.97	1.28	34.61	1.31
	35	26.39	1.17	28.03	1.21	29.66	1.26	30.85	1.27	32.94	1.30	34.58	1.32
	40	26.37	1.19	28.00	1.23	29.64	1.28	30.82	1.29	32.92	1.31	34.55	1.34
	45	26.35	1.20	27.98	1.25	29.62	1.29	30.80	1.31	32.89	1.33	34.53	1.36
	50	26.33	1.22	27.96	1.26	29.60	1.31	30.78	1.33	32.87	1.35	34.50	1.38
	55	26.31	1.24	27.94	1.28	29.57	1.33	30.75	1.34	32.84	1.37	34.48	1.40
	60	26.29	1.25	27.92	1.30	29.55	1.34	30.73	1.36	32.82	1.39	34.45	1.41
	65	26.27	1.27	27.90	1.31	29.53	1.36	30.71	1.38	32.79	1.40	34.42	1.43
	70	26.25	1.28	27.88	1.33	29.51	1.38	30.68	1.39	32.77	1.42	34.40	1.45
	75	25.61	1.35	27.24	1.40	28.87	1.45	30.04	1.47	32.12	1.50	33.74	1.53
	80	24.98	1.42	26.60	1.47	28.23	1.53	29.40	1.54	31.47	1.57	33.09	1.61
	85	24.36	1.49	25.97	1.55	27.59	1.60	28.76	1.62	30.83	1.65	32.45	1.68
	90	23.73	1.56	25.34	1.62	26.96	1.68	28.12	1.70	30.19	1.73	31.80	1.76
	95	23.05	1.63	24.66	1.69	26.26	1.75	27.00	1.77	29.48	1.80	31.08	1.84
	100	22.49	1.70	24.10	1.76	25.70	1.82	26.65	1.85	28.91	1.88	30.52	1.92
	105	21.93	1.77	23.53	1.83	25.14	1.90	26.30	1.92	28.35	1.96	29.96	2.00
	110	21.37	1.84	22.97	1.90	24.58	1.97	25.74	2.00	27.79	2.03	29.40	2.07
	115	20.81	1.91	22.41	1.98	24.02	2.05	25.18	2.07	27.23	2.11	28.84	2.15
	118	20.47	1.95	22.08	2.02	23.68	2.09	24.84	2.12	26.89	2.16	28.50	2.20
	122	20.36	2.00	21.96	2.08	23.57	2.15	24.73	2.18	26.78	2.22	28.39	2.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 54: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	27.53	1.09	29.24	1.13	30.95	1.17	32.18	1.19	34.37	1.21	36.08	1.23
	0	27.51	1.10	29.22	1.14	30.93	1.19	32.16	1.20	34.35	1.22	36.06	1.25
	5	27.49	1.12	29.20	1.16	30.90	1.21	32.14	1.22	34.32	1.24	36.03	1.27
	10	27.47	1.14	29.18	1.18	30.88	1.22	32.11	1.24	34.29	1.26	36.00	1.29
	14	27.45	1.16	29.15	1.20	30.86	1.24	32.09	1.26	34.27	1.28	35.97	1.30
	20	27.43	1.17	29.13	1.21	30.83	1.26	32.06	1.27	34.24	1.30	35.94	1.32
	25	27.41	1.19	29.11	1.23	30.81	1.28	32.04	1.29	34.21	1.32	35.92	1.34
	30	27.39	1.21	29.09	1.25	30.79	1.29	32.02	1.31	34.19	1.33	35.89	1.36
	35	27.36	1.22	29.06	1.27	30.76	1.31	31.99	1.33	34.16	1.35	35.86	1.38
	40	27.34	1.24	29.04	1.28	30.74	1.33	31.97	1.35	34.14	1.37	35.83	1.40
	45	27.32	1.25	29.02	1.30	30.72	1.35	31.94	1.36	34.11	1.39	35.81	1.42
	50	27.30	1.27	29.00	1.32	30.69	1.37	31.92	1.38	34.08	1.41	35.78	1.44
	55	27.28	1.29	28.98	1.34	30.67	1.38	31.89	1.40	34.06	1.43	35.75	1.45
	60	27.26	1.30	28.95	1.35	30.65	1.40	31.87	1.42	34.03	1.44	35.72	1.47
	65	27.24	1.32	28.93	1.37	30.62	1.42	31.84	1.44	34.01	1.46	35.70	1.49
	70	27.22	1.34	28.91	1.39	30.60	1.44	31.82	1.45	33.98	1.48	35.67	1.51
	75	26.56	1.41	28.25	1.46	29.94	1.51	31.15	1.53	33.31	1.56	34.99	1.59
	80	25.91	1.48	27.59	1.54	29.27	1.59	30.49	1.61	32.64	1.64	34.32	1.67
	85	25.26	1.55	26.94	1.61	28.61	1.67	29.83	1.69	31.97	1.72	33.65	1.76
	90	24.61	1.63	26.28	1.69	27.96	1.75	29.17	1.77	31.30	1.80	32.98	1.84
	95	23.91	1.70	25.57	1.76	27.24	1.83	28.00	1.85	30.57	1.88	32.23	1.92
	100	23.32	1.77	24.99	1.84	26.65	1.90	27.64	1.92	29.98	1.96	31.65	2.00
	105	22.74	1.84	24.41	1.91	26.07	1.98	27.27	2.00	29.40	2.04	31.07	2.08
	110	22.16	1.92	23.82	1.99	25.49	2.06	26.69	2.08	28.82	2.12	30.49	2.16
	115	21.58	1.99	23.24	2.06	24.91	2.14	26.11	2.16	28.24	2.20	29.90	2.24
	118	21.23	2.03	22.89	2.10	24.56	2.18	25.76	2.21	27.89	2.25	29.55	2.29
	122	21.11	2.09	22.78	2.16	24.44	2.24	25.64	2.27	27.77	2.31	29.44	2.36
29	-4	28.51	1.14	30.28	1.18	32.05	1.22	33.33	1.24	35.59	1.26	37.36	1.28
	0	28.50	1.15	30.27	1.19	32.03	1.24	33.31	1.25	35.57	1.27	37.34	1.30
	5	28.47	1.17	30.24	1.21	32.01	1.26	33.29	1.27	35.54	1.29	37.31	1.32
	10	28.45	1.19	30.22	1.23	31.98	1.27	33.26	1.29	35.52	1.31	37.28	1.34
	14	28.43	1.20	30.19	1.25	31.96	1.29	33.23	1.31	35.49	1.33	37.26	1.36
	20	28.41	1.22	30.17	1.27	31.94	1.31	33.21	1.33	35.46	1.35	37.23	1.38
	25	28.39	1.24	30.15	1.28	31.91	1.33	33.18	1.35	35.44	1.37	37.20	1.40
	30	28.36	1.26	30.13	1.30	31.89	1.35	33.16	1.36	35.41	1.39	37.17	1.42
	35	28.34	1.27	30.10	1.32	31.86	1.37	33.13	1.38	35.38	1.41	37.14	1.44
	40	28.32	1.29	30.08	1.34	31.84	1.39	33.11	1.40	35.36	1.43	37.11	1.46
	45	28.30	1.31	30.06	1.35	31.81	1.40	33.08	1.42	35.33	1.45	37.09	1.48
	50	28.28	1.32	30.03	1.37	31.79	1.42	33.06	1.44	35.30	1.47	37.06	1.50
	55	28.26	1.34	30.01	1.39	31.76	1.44	33.03	1.46	35.27	1.49	37.03	1.52
	60	28.23	1.36	29.99	1.41	31.74	1.46	33.01	1.48	35.25	1.50	37.00	1.53
	65	28.21	1.38	29.96	1.43	31.72	1.48	32.98	1.50	35.22	1.52	36.97	1.55
	70	28.19	1.39	29.94	1.44	31.69	1.50	32.96	1.51	35.19	1.54	36.94	1.57
	75	27.51	1.47	29.26	1.52	31.00	1.58	32.27	1.60	34.50	1.63	36.24	1.66
	80	26.83	1.54	28.58	1.60	30.32	1.66	31.58	1.68	33.80	1.71	35.54	1.74
	85	26.16	1.62	27.90	1.68	29.64	1.74	30.89	1.76	33.11	1.79	34.85	1.83
	90	25.49	1.69	27.22	1.76	28.96	1.82	30.21	1.84	32.42	1.88	34.16	1.91
	95	24.76	1.77	26.48	1.83	28.21	1.90	29.00	1.92	31.66	1.96	33.38	2.00
	100	24.16	1.84	25.88	1.91	27.61	1.98	28.62	2.00	31.06	2.04	32.78	2.08
	105	23.55	1.92	25.28	1.99	27.00	2.06	28.25	2.09	30.45	2.13	32.18	2.17
	110	22.95	1.99	24.68	2.07	26.40	2.14	27.65	2.17	29.85	2.21	31.57	2.25
	115	22.35	2.07	24.07	2.15	25.80	2.22	27.04	2.25	29.25	2.29	30.97	2.34
	118	21.99	2.11	23.71	2.19	25.44	2.27	26.68	2.30	28.88	2.34	30.61	2.39
	122	21.86	2.18	23.59	2.25	25.31	2.34	26.56	2.36	28.76	2.41	30.49	2.46

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 55: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	29.49	1.18	31.33	1.23	33.16	1.27	34.48	1.29	36.82	1.31	38.65	1.34
	0	29.48	1.20	31.31	1.24	33.14	1.29	34.46	1.30	36.80	1.32	38.63	1.35
	5	29.45	1.22	31.28	1.26	33.11	1.31	34.43	1.32	36.77	1.35	38.60	1.37
	10	29.43	1.23	31.26	1.28	33.09	1.33	34.41	1.34	36.74	1.37	38.57	1.39
	14	29.41	1.25	31.24	1.30	33.06	1.34	34.38	1.36	36.71	1.39	38.54	1.41
	20	29.39	1.27	31.21	1.32	33.04	1.36	34.35	1.38	36.69	1.41	38.51	1.43
	25	29.36	1.29	31.19	1.33	33.01	1.38	34.33	1.40	36.66	1.43	38.48	1.45
	30	29.34	1.31	31.16	1.35	32.99	1.40	34.30	1.42	36.63	1.45	38.45	1.47
	35	29.32	1.32	31.14	1.37	32.96	1.42	34.28	1.44	36.60	1.47	38.42	1.49
	40	29.30	1.34	31.12	1.39	32.94	1.44	34.25	1.46	36.57	1.49	38.39	1.52
	45	29.27	1.36	31.09	1.41	32.91	1.46	34.22	1.48	36.55	1.51	38.36	1.54
	50	29.25	1.38	31.07	1.43	32.89	1.48	34.20	1.50	36.52	1.52	38.34	1.56
	55	29.23	1.40	31.04	1.45	32.86	1.50	34.17	1.52	36.49	1.54	38.31	1.58
	60	29.21	1.41	31.02	1.47	32.83	1.52	34.14	1.54	36.46	1.56	38.28	1.60
	65	29.18	1.43	31.00	1.48	32.81	1.54	34.12	1.56	36.43	1.58	38.25	1.62
	70	29.16	1.45	30.97	1.50	32.78	1.56	34.09	1.58	36.41	1.60	38.22	1.64
	75	28.46	1.53	30.27	1.58	32.07	1.64	33.38	1.66	35.69	1.69	37.49	1.73
	80	27.76	1.61	29.56	1.66	31.36	1.73	32.66	1.75	34.97	1.78	36.77	1.81
	85	27.06	1.68	28.86	1.75	30.66	1.81	31.96	1.83	34.25	1.86	36.05	1.90
	90	26.37	1.76	28.16	1.83	29.95	1.89	31.25	1.92	33.54	1.95	35.33	1.99
	95	25.61	1.84	27.40	1.91	29.18	1.98	30.00	2.00	32.75	2.04	34.53	2.08
	100	24.99	1.92	26.77	1.99	28.56	2.06	29.61	2.08	32.13	2.12	33.91	2.17
31	105	24.37	2.00	26.15	2.07	27.93	2.15	29.22	2.17	31.50	2.21	33.29	2.26
	110	23.74	2.07	25.53	2.15	27.31	2.23	28.60	2.25	30.88	2.30	32.66	2.34
	115	23.12	2.15	24.90	2.23	26.69	2.31	27.98	2.34	30.26	2.38	32.04	2.43
	118	22.74	2.20	24.53	2.28	26.31	2.36	27.60	2.39	29.88	2.44	31.67	2.48
	122	22.62	2.26	24.40	2.35	26.19	2.43	27.48	2.46	29.76	2.50	31.54	2.56
	-4	30.48	1.23	32.37	1.27	34.26	1.32	35.63	1.34	38.05	1.36	39.94	1.39
	0	30.46	1.24	32.35	1.29	34.24	1.34	35.61	1.35	38.03	1.38	39.92	1.40
	5	30.44	1.26	32.33	1.31	34.22	1.36	35.58	1.37	38.00	1.40	39.89	1.43
	10	30.41	1.28	32.30	1.33	34.19	1.38	35.55	1.39	37.97	1.42	39.86	1.45
	14	30.39	1.30	32.28	1.35	34.16	1.40	35.53	1.41	37.94	1.44	39.83	1.47
	20	30.37	1.32	32.25	1.37	34.14	1.42	35.50	1.43	37.91	1.46	39.80	1.49
	25	30.34	1.34	32.23	1.39	34.11	1.44	35.47	1.45	37.88	1.48	39.77	1.51
	30	30.32	1.36	32.20	1.41	34.09	1.46	35.45	1.47	37.85	1.50	39.73	1.53
	35	30.30	1.38	32.18	1.43	34.06	1.48	35.42	1.49	37.82	1.52	39.70	1.55
	40	30.27	1.39	32.15	1.44	34.03	1.50	35.39	1.51	37.79	1.54	39.67	1.57
	45	30.25	1.41	32.13	1.46	34.01	1.52	35.36	1.54	37.76	1.56	39.64	1.60
	50	30.23	1.43	32.10	1.48	33.98	1.54	35.34	1.56	37.74	1.58	39.61	1.62
	55	30.20	1.45	32.08	1.50	33.96	1.56	35.31	1.58	37.71	1.61	39.58	1.64
	60	30.18	1.47	32.05	1.52	33.93	1.58	35.28	1.60	37.68	1.63	39.55	1.66
	65	30.16	1.49	32.03	1.54	33.90	1.60	35.26	1.62	37.65	1.65	39.52	1.68
	70	30.13	1.51	32.01	1.56	33.88	1.62	35.23	1.64	37.62	1.67	39.49	1.70
	75	29.41	1.59	31.28	1.65	33.14	1.71	34.49	1.73	36.88	1.76	38.74	1.79
	80	28.68	1.67	30.55	1.73	32.41	1.79	33.75	1.81	36.13	1.85	38.00	1.88
	85	27.97	1.75	29.82	1.81	31.68	1.88	33.02	1.90	35.40	1.94	37.25	1.98
	90	27.25	1.83	29.10	1.90	30.95	1.97	32.29	1.99	34.66	2.03	36.51	2.07
	95	26.47	1.91	28.31	1.98	30.15	2.05	31.00	2.08	33.84	2.12	35.69	2.16
	100	25.82	1.99	27.67	2.07	29.51	2.14	30.60	2.17	33.20	2.21	35.04	2.25
	105	25.18	2.07	27.02	2.15	28.87	2.23	30.20	2.25	32.55	2.30	34.40	2.34
	110	24.53	2.16	26.38	2.23	28.22	2.32	29.55	2.34	31.91	2.39	33.75	2.44
	115	23.89	2.24	25.73	2.32	27.58	2.40	28.91	2.43	31.26	2.48	33.11	2.53
	118	23.50	2.29	25.35	2.37	27.19	2.46	28.52	2.48	30.88	2.53	32.72	2.58
	122	23.37	2.35	25.22	2.44	27.06	2.53	28.39	2.56	30.75	2.60	32.59	2.66

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 56: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	31.46	1.28	33.41	1.32	35.37	1.37	36.78	1.39	39.28	1.41	41.23	1.44
	0	31.44	1.29	33.40	1.34	35.35	1.39	36.76	1.40	39.25	1.43	41.21	1.46
	5	31.42	1.31	33.37	1.36	35.32	1.41	36.73	1.42	39.22	1.45	41.17	1.48
	10	31.39	1.33	33.34	1.38	35.29	1.43	36.70	1.45	39.19	1.47	41.14	1.50
	14	31.37	1.35	33.32	1.40	35.27	1.45	36.67	1.47	39.16	1.49	41.11	1.52
	20	31.35	1.37	33.29	1.42	35.24	1.47	36.64	1.49	39.13	1.52	41.08	1.55
	25	31.32	1.39	33.27	1.44	35.21	1.49	36.62	1.51	39.10	1.54	41.05	1.57
	30	31.30	1.41	33.24	1.46	35.19	1.51	36.59	1.53	39.07	1.56	41.02	1.59
	35	31.27	1.43	33.22	1.48	35.16	1.53	36.56	1.55	39.04	1.58	40.99	1.61
	40	31.25	1.45	33.19	1.50	35.13	1.55	36.53	1.57	39.01	1.60	40.95	1.63
	45	31.23	1.47	33.17	1.52	35.10	1.58	36.51	1.59	38.98	1.62	40.92	1.66
	50	31.20	1.49	33.14	1.54	35.08	1.60	36.48	1.61	38.95	1.64	40.89	1.68
	55	31.18	1.51	33.11	1.56	35.05	1.62	36.45	1.64	38.92	1.67	40.86	1.70
	60	31.15	1.52	33.09	1.58	35.02	1.64	36.42	1.66	38.89	1.69	40.83	1.72
	65	31.13	1.54	33.06	1.60	35.00	1.66	36.39	1.68	38.86	1.71	40.80	1.74
	70	31.11	1.56	33.04	1.62	34.97	1.68	36.37	1.70	38.83	1.73	40.77	1.77
	75	30.36	1.65	32.28	1.71	34.21	1.77	35.60	1.79	38.07	1.82	39.99	1.86
	80	29.61	1.73	31.53	1.80	33.45	1.86	34.84	1.88	37.30	1.92	39.22	1.96
	85	28.87	1.82	30.78	1.88	32.70	1.95	34.09	1.97	36.54	2.01	38.46	2.05
	90	28.13	1.90	30.04	1.97	31.95	2.04	33.33	2.07	35.78	2.10	37.69	2.15
	95	27.32	1.99	29.22	2.06	31.13	2.13	32.00	2.16	34.93	2.20	36.84	2.24
	100	26.65	2.07	28.56	2.15	30.46	2.22	31.59	2.25	34.27	2.29	36.17	2.34
	105	25.99	2.15	27.89	2.23	29.80	2.31	31.17	2.34	33.60	2.38	35.51	2.43
	110	25.32	2.24	27.23	2.32	29.13	2.40	30.51	2.43	32.94	2.48	34.84	2.53
	115	24.66	2.32	26.56	2.41	28.47	2.50	29.84	2.52	32.27	2.57	34.18	2.62
	118	24.26	2.37	26.16	2.46	28.07	2.55	29.44	2.58	31.87	2.63	33.78	2.68
	122	24.13	2.44	26.03	2.53	27.93	2.62	29.31	2.65	31.74	2.70	33.64	2.76
33	-4	32.44	1.32	34.46	1.37	36.47	1.42	37.93	1.44	40.50	1.47	42.52	1.49
	0	32.43	1.34	34.44	1.39	36.45	1.44	37.91	1.45	40.48	1.48	42.49	1.51
	5	32.40	1.36	34.41	1.41	36.42	1.46	37.88	1.48	40.45	1.51	42.46	1.54
	10	32.37	1.38	34.39	1.43	36.40	1.48	37.85	1.50	40.42	1.53	42.43	1.56
	14	32.35	1.40	34.36	1.45	36.37	1.50	37.82	1.52	40.39	1.55	42.40	1.58
	20	32.33	1.42	34.33	1.47	36.34	1.53	37.79	1.54	40.36	1.57	42.36	1.60
	25	32.30	1.44	34.31	1.49	36.31	1.55	37.76	1.57	40.32	1.59	42.33	1.63
	30	32.28	1.46	34.28	1.51	36.28	1.57	37.73	1.59	40.29	1.62	42.30	1.65
	35	32.25	1.48	34.25	1.53	36.26	1.59	37.70	1.61	40.26	1.64	42.27	1.67
	40	32.23	1.50	34.23	1.56	36.23	1.61	37.67	1.63	40.23	1.66	42.23	1.69
	45	32.20	1.52	34.20	1.58	36.20	1.63	37.65	1.65	40.20	1.68	42.20	1.72
	50	32.18	1.54	34.18	1.60	36.17	1.66	37.62	1.67	40.17	1.71	42.17	1.74
	55	32.15	1.56	34.15	1.62	36.15	1.68	37.59	1.70	40.14	1.73	42.14	1.76
	60	32.13	1.58	34.12	1.64	36.12	1.70	37.56	1.72	40.11	1.75	42.10	1.79
	65	32.10	1.60	34.10	1.66	36.09	1.72	37.53	1.74	40.08	1.77	42.07	1.81
	70	32.08	1.62	34.07	1.68	36.06	1.74	37.50	1.76	40.05	1.79	42.04	1.83
	75	31.31	1.71	33.29	1.77	35.28	1.84	36.72	1.86	39.26	1.89	41.24	1.93
	80	30.53	1.80	32.52	1.86	34.50	1.93	35.93	1.95	38.46	1.99	40.45	2.03
	85	29.77	1.88	31.75	1.95	33.72	2.02	35.15	2.05	37.68	2.09	39.66	2.13
	90	29.00	1.97	30.98	2.04	32.95	2.12	34.37	2.14	36.89	2.18	38.87	2.23
	95	28.17	2.06	30.14	2.13	32.10	2.21	33.00	2.24	36.03	2.28	37.99	2.33
	100	27.49	2.15	29.45	2.22	31.41	2.31	32.57	2.33	35.34	2.38	37.30	2.42
	105	26.80	2.23	28.76	2.32	30.73	2.40	32.14	2.43	34.65	2.47	36.62	2.52
	110	26.12	2.32	28.08	2.41	30.04	2.49	31.46	2.52	33.97	2.57	35.93	2.62
	115	25.43	2.41	27.39	2.50	29.36	2.59	30.77	2.62	33.28	2.67	35.24	2.72
	118	25.02	2.46	26.98	2.55	28.94	2.64	30.36	2.67	32.87	2.72	34.83	2.78
	122	24.88	2.53	26.84	2.62	28.81	2.72	30.22	2.75	32.73	2.80	34.69	2.86

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 57: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	33.43	1.37	35.50	1.42	37.58	1.47	39.08	1.49	41.73	1.52	43.81	1.55
	0	33.41	1.39	35.48	1.44	37.56	1.49	39.06	1.51	41.71	1.53	43.78	1.57
	5	33.38	1.41	35.45	1.46	37.53	1.51	39.02	1.53	41.67	1.56	43.75	1.59
	10	33.36	1.43	35.43	1.48	37.50	1.54	38.99	1.55	41.64	1.58	43.71	1.61
	14	33.33	1.45	35.40	1.50	37.47	1.56	38.96	1.58	41.61	1.61	43.68	1.64
	20	33.30	1.47	35.37	1.53	37.44	1.58	38.94	1.60	41.58	1.63	43.65	1.66
	25	33.28	1.49	35.35	1.55	37.41	1.60	38.91	1.62	41.55	1.65	43.61	1.69
	30	33.25	1.51	35.32	1.57	37.38	1.63	38.88	1.64	41.51	1.68	43.58	1.71
	35	33.23	1.53	35.29	1.59	37.36	1.65	38.85	1.67	41.48	1.70	43.55	1.73
	40	33.20	1.55	35.27	1.61	37.33	1.67	38.82	1.69	41.45	1.72	43.51	1.76
	45	33.18	1.58	35.24	1.63	37.30	1.69	38.79	1.71	41.42	1.74	43.48	1.78
	50	33.15	1.60	35.21	1.65	37.27	1.72	38.76	1.74	41.39	1.77	43.45	1.80
	55	33.13	1.62	35.18	1.68	37.24	1.74	38.73	1.76	41.36	1.79	43.41	1.83
	60	33.10	1.64	35.16	1.70	37.21	1.76	38.70	1.78	41.32	1.81	43.38	1.85
	65	33.08	1.66	35.13	1.72	37.18	1.78	38.67	1.80	41.29	1.84	43.35	1.87
	70	33.05	1.68	35.10	1.74	37.16	1.80	38.64	1.83	41.26	1.86	43.31	1.90
	75	32.26	1.77	34.30	1.84	36.35	1.90	37.83	1.92	40.45	1.96	42.49	2.00
	80	31.46	1.86	33.50	1.93	35.54	2.00	37.02	2.02	39.63	2.06	41.67	2.10
	85	30.67	1.95	32.71	2.02	34.75	2.10	36.22	2.12	38.82	2.16	40.86	2.20
	90	29.88	2.04	31.92	2.12	33.95	2.19	35.42	2.22	38.01	2.26	40.05	2.31
	95	29.03	2.13	31.05	2.21	33.07	2.29	34.00	2.32	37.12	2.36	39.14	2.41
	100	28.32	2.22	30.34	2.30	32.37	2.39	33.56	2.42	36.41	2.46	38.43	2.51
	105	27.61	2.31	29.64	2.40	31.66	2.49	33.12	2.52	35.70	2.56	37.73	2.61
	110	26.91	2.41	28.93	2.49	30.95	2.58	32.41	2.61	35.00	2.66	37.02	2.72
	115	26.20	2.50	28.22	2.59	30.24	2.68	31.71	2.71	34.29	2.76	36.31	2.82
	118	25.78	2.55	27.80	2.64	29.82	2.74	31.28	2.77	33.87	2.82	35.89	2.88
	122	25.63	2.62	27.66	2.72	29.68	2.82	31.14	2.85	33.72	2.90	35.75	2.96
35	-4	34.41	1.42	36.55	1.47	38.68	1.53	40.23	1.54	42.96	1.57	45.09	1.60
	0	34.39	1.44	36.53	1.49	38.66	1.54	40.21	1.56	42.93	1.59	45.07	1.62
	5	34.36	1.46	36.50	1.51	38.63	1.57	40.17	1.59	42.90	1.61	45.03	1.65
	10	34.34	1.48	36.47	1.53	38.60	1.59	40.14	1.61	42.87	1.64	45.00	1.67
	14	34.31	1.50	36.44	1.56	38.57	1.61	40.11	1.63	42.83	1.66	44.96	1.70
	20	34.28	1.52	36.41	1.58	38.54	1.64	40.08	1.66	42.80	1.69	44.93	1.72
	25	34.26	1.55	36.39	1.60	38.51	1.66	40.05	1.68	42.77	1.71	44.90	1.74
	30	34.23	1.57	36.36	1.62	38.48	1.68	40.02	1.70	42.74	1.73	44.86	1.77
	35	34.21	1.59	36.33	1.65	38.45	1.71	39.99	1.73	42.70	1.76	44.83	1.79
	40	34.18	1.61	36.30	1.67	38.42	1.73	39.96	1.75	42.67	1.78	44.79	1.82
	45	34.15	1.63	36.27	1.69	38.40	1.75	39.93	1.77	42.64	1.81	44.76	1.84
	50	34.13	1.65	36.25	1.71	38.37	1.78	39.90	1.80	42.61	1.83	44.72	1.87
	55	34.10	1.67	36.22	1.74	38.34	1.80	39.87	1.82	42.57	1.85	44.69	1.89
	60	34.07	1.70	36.19	1.76	38.31	1.82	39.84	1.84	42.54	1.88	44.66	1.92
	65	34.05	1.72	36.16	1.78	38.28	1.85	39.81	1.87	42.51	1.90	44.62	1.94
	70	34.02	1.74	36.14	1.80	38.25	1.87	39.77	1.89	42.47	1.93	44.59	1.96
	75	33.20	1.83	35.31	1.90	37.42	1.97	38.94	1.99	41.63	2.03	43.74	2.07
	80	32.39	1.93	34.49	2.00	36.59	2.07	38.11	2.09	40.80	2.13	42.90	2.18
	85	31.57	2.02	33.67	2.09	35.77	2.17	37.28	2.20	39.96	2.24	42.06	2.28
	90	30.76	2.11	32.85	2.19	34.95	2.27	36.46	2.30	39.13	2.34	41.22	2.39
	95	29.88	2.21	31.96	2.29	34.04	2.37	35.00	2.40	38.21	2.44	40.29	2.49
	100	29.15	2.30	31.24	2.39	33.32	2.47	34.55	2.50	37.48	2.55	39.56	2.60
	105	28.43	2.40	30.51	2.48	32.59	2.57	34.09	2.60	36.75	2.65	38.83	2.71
	110	27.70	2.49	29.78	2.58	31.86	2.68	33.37	2.71	36.03	2.76	38.11	2.81
	115	26.97	2.58	29.05	2.68	31.13	2.78	32.64	2.81	35.30	2.86	37.38	2.92
	118	26.53	2.64	28.62	2.74	30.70	2.84	32.20	2.87	34.86	2.92	36.94	2.98
	122	26.39	2.72	28.47	2.81	30.55	2.92	32.06	2.95	34.72	3.01	36.80	3.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 58: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17
37	-4	36.38	1.52	38.64	1.58	40.89	1.64	42.53	1.65	45.41	1.68	47.67	1.72
	0	36.36	1.54	38.61	1.59	40.87	1.65	42.50	1.67	45.39	1.70	47.65	1.74
	5	36.33	1.56	38.58	1.62	40.84	1.68	42.47	1.70	45.35	1.73	47.61	1.77
	10	36.30	1.59	38.55	1.64	40.81	1.70	42.44	1.72	45.32	1.76	47.57	1.79
	14	36.27	1.61	38.52	1.67	40.78	1.73	42.40	1.75	45.28	1.78	47.53	1.82
	20	36.24	1.63	38.49	1.69	40.75	1.75	42.37	1.77	45.25	1.81	47.50	1.84
	25	36.22	1.66	38.46	1.72	40.71	1.78	42.34	1.80	45.21	1.83	47.46	1.87
	30	36.19	1.68	38.44	1.74	40.68	1.80	42.31	1.82	45.18	1.86	47.43	1.90
	35	36.16	1.70	38.41	1.76	40.65	1.83	42.27	1.85	45.14	1.88	47.39	1.92
	40	36.13	1.73	38.38	1.79	40.62	1.85	42.24	1.88	45.11	1.91	47.35	1.95
	45	36.11	1.75	38.35	1.81	40.59	1.88	42.21	1.90	45.07	1.94	47.32	1.97
	50	36.08	1.77	38.32	1.84	40.56	1.90	42.18	1.93	45.04	1.96	47.28	2.00
	55	36.05	1.79	38.29	1.86	40.53	1.93	42.14	1.95	45.01	1.99	47.24	2.03
	60	36.02	1.82	38.26	1.88	40.50	1.95	42.11	1.98	44.97	2.01	47.21	2.05
	65	35.99	1.84	38.23	1.91	40.47	1.98	42.08	2.00	44.94	2.04	47.17	2.08
	70	35.97	1.86	38.20	1.93	40.43	2.00	42.05	2.03	44.90	2.06	47.14	2.11
	75	35.10	1.96	37.33	2.04	39.56	2.11	41.17	2.14	44.01	2.18	46.24	2.22
	80	34.24	2.07	36.46	2.14	38.68	2.22	40.29	2.24	43.13	2.29	45.35	2.33
	85	33.38	2.17	35.60	2.25	37.81	2.33	39.41	2.35	42.25	2.40	44.46	2.45
	90	32.52	2.27	34.73	2.35	36.94	2.44	38.54	2.46	41.37	2.51	43.58	2.56
	95	31.59	2.37	33.79	2.45	35.99	2.54	37.00	2.57	40.39	2.62	42.59	2.67
	100	30.82	2.47	33.02	2.56	35.22	2.65	36.52	2.68	39.62	2.73	41.82	2.79
	105	30.05	2.57	32.25	2.66	34.45	2.76	36.04	2.79	38.85	2.84	41.05	2.90
	110	29.28	2.67	31.48	2.77	33.68	2.87	35.27	2.90	38.08	2.95	40.28	3.01
	115	28.51	2.77	30.71	2.87	32.91	2.98	34.50	3.01	37.31	3.07	39.52	3.13
	118	28.05	2.83	30.25	2.93	32.45	3.04	34.04	3.08	36.85	3.13	39.05	3.20
	122	27.90	2.91	30.10	3.02	32.30	3.13	33.89	3.16	36.70	3.22	38.90	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 59: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	37.36	1.58	39.68	1.63	42.00	1.69	43.68	1.71	46.64	1.74	48.96	1.78
	0	37.34	1.59	39.66	1.65	41.98	1.71	43.65	1.73	46.61	1.76	48.93	1.80
	5	37.31	1.62	39.63	1.68	41.94	1.74	43.62	1.76	46.58	1.79	48.89	1.83
	10	37.28	1.64	39.59	1.70	41.91	1.77	43.58	1.79	46.54	1.82	48.86	1.86
	14	37.25	1.67	39.56	1.73	41.88	1.79	43.55	1.81	46.51	1.85	48.82	1.88
	20	37.22	1.69	39.53	1.75	41.85	1.82	43.52	1.84	46.47	1.87	48.78	1.91
	25	37.19	1.71	39.50	1.78	41.81	1.84	43.48	1.86	46.43	1.90	48.74	1.94
	30	37.17	1.74	39.47	1.80	41.78	1.87	43.45	1.89	46.40	1.92	48.71	1.96
	35	37.14	1.76	39.44	1.83	41.75	1.89	43.42	1.92	46.36	1.95	48.67	1.99
	40	37.11	1.79	39.41	1.85	41.72	1.92	43.38	1.94	46.33	1.98	48.63	2.02
	45	37.08	1.81	39.38	1.88	41.69	1.95	43.35	1.97	46.29	2.00	48.60	2.04
	50	37.05	1.83	39.35	1.90	41.65	1.97	43.32	1.99	46.26	2.03	48.56	2.07
	55	37.02	1.86	39.32	1.93	41.62	2.00	43.28	2.02	46.22	2.06	48.52	2.10
	60	37.00	1.88	39.29	1.95	41.59	2.02	43.25	2.05	46.19	2.08	48.48	2.13
	65	36.97	1.91	39.26	1.98	41.56	2.05	43.22	2.07	46.15	2.11	48.45	2.15
	70	36.94	1.93	39.23	2.00	41.53	2.07	43.18	2.10	46.12	2.14	48.41	2.18
	75	36.05	2.03	38.34	2.11	40.63	2.19	42.28	2.21	45.20	2.25	47.49	2.30
	80	35.16	2.14	37.44	2.22	39.73	2.30	41.38	2.32	44.29	2.37	46.57	2.42
	85	34.28	2.24	36.56	2.32	38.83	2.41	40.48	2.44	43.39	2.48	45.67	2.53
	90	33.40	2.35	35.67	2.43	37.94	2.52	39.58	2.55	42.48	2.60	44.76	2.65
	95	32.44	2.45	34.70	2.54	36.96	2.63	38.00	2.66	41.48	2.71	43.74	2.77
	100	31.65	2.56	33.91	2.65	36.17	2.75	37.51	2.78	40.69	2.83	42.95	2.89
	105	30.86	2.66	33.12	2.76	35.38	2.86	37.02	2.89	39.90	2.94	42.16	3.00
	110	30.07	2.76	32.33	2.86	34.59	2.97	36.23	3.00	39.11	3.06	41.37	3.12
	115	29.28	2.87	31.54	2.97	33.80	3.08	35.44	3.12	38.32	3.17	40.58	3.24
	118	28.81	2.93	31.07	3.04	33.33	3.15	34.96	3.18	37.85	3.24	40.11	3.31
	122	28.65	3.01	30.91	3.12	33.17	3.24	34.80	3.27	37.69	3.34	39.95	3.40
39	-4	38.34	1.63	40.72	1.69	43.10	1.75	44.82	1.77	47.87	1.81	50.25	1.84
	0	38.32	1.65	40.70	1.71	43.08	1.77	44.80	1.79	47.84	1.83	50.22	1.86
	5	38.29	1.68	40.67	1.74	43.05	1.80	44.76	1.82	47.80	1.85	50.18	1.89
	10	38.26	1.70	40.64	1.76	43.01	1.83	44.73	1.85	47.77	1.88	50.14	1.92
	14	38.23	1.72	40.61	1.79	42.98	1.85	44.70	1.87	47.73	1.91	50.10	1.95
	20	38.20	1.75	40.57	1.81	42.95	1.88	44.66	1.90	47.69	1.94	50.07	1.98
	25	38.17	1.77	40.54	1.84	42.91	1.91	44.63	1.93	47.66	1.96	50.03	2.00
	30	38.14	1.80	40.51	1.86	42.88	1.93	44.59	1.96	47.62	1.99	49.99	2.03
	35	38.11	1.82	40.48	1.89	42.85	1.96	44.56	1.98	47.58	2.02	49.95	2.06
	40	38.09	1.85	40.45	1.92	42.82	1.99	44.52	2.01	47.55	2.05	49.91	2.09
	45	38.06	1.87	40.42	1.94	42.78	2.01	44.49	2.04	47.51	2.07	49.87	2.12
	50	38.03	1.90	40.39	1.97	42.75	2.04	44.46	2.06	47.47	2.10	49.84	2.14
	55	38.00	1.92	40.36	1.99	42.72	2.07	44.42	2.09	47.44	2.13	49.80	2.17
	60	37.97	1.95	40.33	2.02	42.69	2.09	44.39	2.12	47.40	2.16	49.76	2.20
	65	37.94	1.97	40.30	2.04	42.65	2.12	44.35	2.14	47.36	2.18	49.72	2.23
	70	37.91	2.00	40.27	2.07	42.62	2.15	44.32	2.17	47.33	2.21	49.68	2.26
	75	37.00	2.11	39.35	2.18	41.70	2.26	43.39	2.29	46.39	2.33	48.74	2.38
	80	36.09	2.21	38.43	2.29	40.77	2.38	42.46	2.40	45.46	2.45	47.80	2.50
	85	35.18	2.32	37.52	2.41	39.86	2.49	41.54	2.52	44.53	2.57	46.87	2.62
	90	34.28	2.43	36.61	2.52	38.94	2.61	40.62	2.64	43.60	2.69	45.93	2.74
	95	33.30	2.54	35.62	2.63	37.94	2.72	39.00	2.76	42.58	2.81	44.89	2.86
	100	32.49	2.64	34.81	2.74	37.12	2.84	38.49	2.87	41.76	2.93	44.08	2.99
	105	31.67	2.75	33.99	2.85	36.31	2.96	37.99	2.99	40.95	3.05	43.27	3.11
	110	30.86	2.86	33.18	2.96	35.50	3.07	37.18	3.11	40.14	3.17	42.46	3.23
	115	30.05	2.97	32.37	3.08	34.69	3.19	36.37	3.22	39.33	3.28	41.65	3.35
	118	29.57	3.03	31.89	3.14	34.21	3.26	35.88	3.29	38.85	3.36	41.16	3.42
	122	29.40	3.12	31.72	3.23	34.04	3.35	35.72	3.39	38.68	3.45	41.00	3.52

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 60: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	39.33	1.69	41.77	1.75	44.21	1.81	45.97	1.83	49.09	1.87	51.54	1.90
	0	39.30	1.70	41.74	1.77	44.19	1.83	45.95	1.85	49.07	1.89	51.51	1.93
	5	39.27	1.73	41.71	1.80	44.15	1.86	45.91	1.88	49.03	1.92	51.47	1.96
	10	39.24	1.76	41.68	1.82	44.12	1.89	45.88	1.91	48.99	1.95	51.43	1.99
	14	39.21	1.78	41.65	1.85	44.08	1.92	45.84	1.94	48.95	1.97	51.39	2.01
	20	39.18	1.81	41.62	1.88	44.05	1.94	45.81	1.97	48.92	2.00	51.35	2.04
	25	39.15	1.84	41.58	1.90	44.02	1.97	45.77	1.99	48.88	2.03	51.31	2.07
	30	39.12	1.86	41.55	1.93	43.98	2.00	45.74	2.02	48.84	2.06	51.27	2.10
	35	39.09	1.89	41.52	1.96	43.95	2.03	45.70	2.05	48.80	2.09	51.23	2.13
	40	39.06	1.91	41.49	1.98	43.91	2.05	45.67	2.08	48.77	2.12	51.19	2.16
	45	39.03	1.94	41.46	2.01	43.88	2.08	45.63	2.11	48.73	2.14	51.15	2.19
	50	39.00	1.96	41.42	2.03	43.85	2.11	45.60	2.13	48.69	2.17	51.11	2.22
	55	38.97	1.99	41.39	2.06	43.81	2.14	45.56	2.16	48.65	2.20	51.07	2.25
	60	38.94	2.01	41.36	2.09	43.78	2.16	45.53	2.19	48.62	2.23	51.04	2.27
	65	38.91	2.04	41.33	2.11	43.75	2.19	45.49	2.22	48.58	2.26	51.00	2.30
	70	38.88	2.07	41.30	2.14	43.71	2.22	45.46	2.24	48.54	2.29	50.96	2.33
	75	37.95	2.18	40.36	2.26	42.76	2.34	44.50	2.37	47.58	2.41	49.99	2.46
	80	37.01	2.29	39.41	2.37	41.82	2.46	43.55	2.49	46.62	2.53	49.03	2.58
	85	36.08	2.40	38.48	2.49	40.88	2.58	42.61	2.61	45.67	2.66	48.07	2.71
	90	35.16	2.51	37.55	2.60	39.94	2.70	41.67	2.73	44.72	2.78	47.11	2.84
	95	34.15	2.62	36.53	2.72	38.91	2.82	40.00	2.85	43.67	2.90	46.05	2.96
	100	33.32	2.73	35.70	2.83	38.08	2.94	39.48	2.97	42.84	3.03	45.21	3.09
41	105	32.49	2.85	34.87	2.95	37.25	3.06	38.96	3.09	42.00	3.15	44.38	3.21
	110	31.66	2.96	34.03	3.07	36.41	3.18	38.13	3.21	41.17	3.27	43.55	3.34
	115	30.82	3.07	33.20	3.18	35.58	3.30	37.30	3.33	40.34	3.40	42.72	3.47
	118	30.32	3.14	32.70	3.25	35.08	3.37	36.80	3.41	39.84	3.47	42.22	3.54
	122	30.16	3.22	32.54	3.34	34.92	3.46	36.64	3.50	39.68	3.57	42.05	3.64
	-4	40.31	1.74	42.81	1.81	45.32	1.87	47.12	1.89	50.32	1.93	52.83	1.97
	0	40.29	1.76	42.79	1.83	45.29	1.89	47.10	1.91	50.29	1.95	52.80	1.99
	5	40.25	1.79	42.75	1.86	45.25	1.92	47.06	1.95	50.25	1.98	52.75	2.02
	10	40.22	1.82	42.72	1.88	45.22	1.95	47.02	1.97	50.21	2.01	52.71	2.05
	14	40.19	1.84	42.69	1.91	45.18	1.98	46.99	2.00	50.18	2.04	52.67	2.08
	20	40.16	1.87	42.66	1.94	45.15	2.01	46.95	2.03	50.14	2.07	52.63	2.11
	25	40.13	1.90	42.62	1.97	45.12	2.04	46.92	2.06	50.10	2.10	52.59	2.14
	30	40.10	1.92	42.59	1.99	45.08	2.07	46.88	2.09	50.06	2.13	52.55	2.17
	35	40.07	1.95	42.56	2.02	45.05	2.09	46.84	2.12	50.02	2.16	52.51	2.20
	40	40.04	1.98	42.53	2.05	45.01	2.12	46.81	2.15	49.99	2.19	52.47	2.23
	45	40.01	2.00	42.49	2.08	44.98	2.15	46.77	2.18	49.95	2.22	52.43	2.26
	50	39.98	2.03	42.46	2.10	44.94	2.18	46.74	2.21	49.91	2.25	52.39	2.29
	55	39.95	2.06	42.43	2.13	44.91	2.21	46.70	2.23	49.87	2.28	52.35	2.32
	60	39.92	2.08	42.40	2.16	44.87	2.24	46.66	2.26	49.83	2.31	52.31	2.35
	65	39.89	2.11	42.36	2.19	44.84	2.27	46.63	2.29	49.79	2.33	52.27	2.38
	70	39.85	2.14	42.33	2.21	44.81	2.29	46.59	2.32	49.76	2.36	52.23	2.41
	75	38.90	2.25	41.36	2.33	43.83	2.42	45.62	2.45	48.77	2.49	51.24	2.54
	80	37.94	2.37	40.40	2.45	42.86	2.54	44.64	2.57	47.79	2.62	50.25	2.67
	85	36.99	2.48	39.44	2.57	41.90	2.67	43.67	2.70	46.81	2.75	49.27	2.80
	90	36.04	2.60	38.49	2.69	40.94	2.79	42.71	2.82	45.84	2.87	48.29	2.93
	95	35.00	2.71	37.44	2.81	39.88	2.91	41.00	2.95	44.76	3.00	47.20	3.06
	100	34.15	2.83	36.59	2.93	39.03	3.04	40.47	3.07	43.91	3.13	46.34	3.19
	105	33.30	2.94	35.74	3.05	38.18	3.16	39.94	3.20	43.05	3.26	45.49	3.32
	110	32.45	3.06	34.89	3.17	37.32	3.28	39.09	3.32	42.20	3.38	44.64	3.45
	115	31.59	3.17	34.03	3.29	36.47	3.41	38.23	3.45	41.35	3.51	43.79	3.58
	118	31.08	3.24	33.52	3.36	35.96	3.48	37.72	3.52	40.84	3.59	43.28	3.66
	122	30.91	3.33	33.35	3.45	35.79	3.58	37.55	3.62	40.67	3.69	43.11	3.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 61: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89
43	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 62: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89
45	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 63: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89
47	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 64: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89
49	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 65: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89
51	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 66: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
52	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
53	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89
	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 67: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89
55	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 68: KUMXA421A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
56	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 69: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	17.70	0.72	18.80	0.75	19.89	0.77	20.69	0.78	22.09	0.80	23.19	0.81
	0	17.69	0.73	18.79	0.75	19.88	0.78	20.68	0.79	22.08	0.81	23.18	0.82
	5	17.67	0.74	18.77	0.77	19.87	0.79	20.66	0.80	22.06	0.82	23.16	0.83
	10	17.66	0.75	18.76	0.78	19.85	0.81	20.64	0.82	22.05	0.83	23.14	0.85
	14	17.65	0.76	18.74	0.79	19.84	0.82	20.63	0.83	22.03	0.84	23.12	0.86
	20	17.63	0.77	18.73	0.80	19.82	0.83	20.61	0.84	22.01	0.85	23.11	0.87
	25	17.62	0.78	18.71	0.81	19.81	0.84	20.60	0.85	22.00	0.87	23.09	0.88
	30	17.60	0.79	18.70	0.82	19.79	0.85	20.58	0.86	21.98	0.88	23.07	0.90
	35	17.59	0.80	18.68	0.83	19.78	0.86	20.57	0.87	21.96	0.89	23.05	0.91
	40	17.58	0.82	18.67	0.85	19.76	0.88	20.55	0.89	21.94	0.90	23.04	0.92
	45	17.56	0.83	18.66	0.86	19.75	0.89	20.53	0.90	21.93	0.92	23.02	0.93
	50	17.55	0.84	18.64	0.87	19.73	0.90	20.52	0.91	21.91	0.93	23.00	0.95
	55	17.54	0.85	18.63	0.88	19.72	0.91	20.50	0.92	21.89	0.94	22.98	0.96
	60	17.52	0.86	18.61	0.89	19.70	0.92	20.49	0.93	21.88	0.95	22.97	0.97
	65	17.51	0.87	18.60	0.90	19.69	0.94	20.47	0.95	21.86	0.96	22.95	0.98
	70	17.50	0.88	18.58	0.91	19.67	0.95	20.46	0.96	21.84	0.98	22.93	1.00
	75	17.08	0.93	18.16	0.96	19.24	1.00	20.03	1.01	21.41	1.03	22.50	1.05
	80	16.66	0.98	17.74	1.01	18.82	1.05	19.60	1.06	20.98	1.08	22.06	1.10
	85	16.24	1.02	17.32	1.06	18.40	1.10	19.17	1.11	20.55	1.13	21.63	1.16
	90	15.82	1.07	16.90	1.11	17.97	1.15	18.75	1.16	20.12	1.19	21.20	1.21
	95	15.37	1.12	16.44	1.16	17.51	1.20	18.00	1.22	19.65	1.24	20.72	1.26
	100	14.99	1.17	16.06	1.21	17.13	1.25	17.77	1.27	19.28	1.29	20.35	1.32
	105	14.62	1.21	15.69	1.26	16.76	1.30	17.53	1.32	18.90	1.34	19.97	1.37
	110	14.24	1.26	15.32	1.31	16.39	1.36	17.16	1.37	18.53	1.40	19.60	1.43
	115	13.87	1.31	14.94	1.36	16.01	1.41	16.79	1.42	18.15	1.45	19.22	1.48
	118	13.65	1.34	14.72	1.39	15.79	1.44	16.56	1.45	17.93	1.48	19.00	1.51
	122	13.57	1.38	14.64	1.43	15.71	1.48	16.49	1.50	17.85	1.52	18.92	1.55
19	-4	18.68	0.76	19.84	0.79	21.00	0.82	21.84	0.83	23.32	0.84	24.48	0.86
	0	18.67	0.77	19.83	0.80	20.99	0.83	21.83	0.84	23.31	0.85	24.47	0.87
	5	18.65	0.78	19.81	0.81	20.97	0.84	21.81	0.85	23.29	0.87	24.45	0.89
	10	18.64	0.80	19.80	0.82	20.96	0.85	21.79	0.86	23.27	0.88	24.43	0.90
	14	18.63	0.81	19.78	0.84	20.94	0.87	21.77	0.88	23.25	0.89	24.41	0.91
	20	18.61	0.82	19.77	0.85	20.92	0.88	21.76	0.89	23.23	0.91	24.39	0.92
	25	18.60	0.83	19.75	0.86	20.91	0.89	21.74	0.90	23.22	0.92	24.37	0.94
	30	18.58	0.84	19.74	0.87	20.89	0.90	21.72	0.92	23.20	0.93	24.35	0.95
	35	18.57	0.85	19.72	0.88	20.88	0.92	21.71	0.93	23.18	0.95	24.33	0.96
	40	18.55	0.87	19.71	0.90	20.86	0.93	21.69	0.94	23.16	0.96	24.32	0.98
	45	18.54	0.88	19.69	0.91	20.84	0.94	21.67	0.95	23.15	0.97	24.30	0.99
	50	18.53	0.89	19.68	0.92	20.83	0.95	21.66	0.97	23.13	0.98	24.28	1.00
	55	18.51	0.90	19.66	0.93	20.81	0.97	21.64	0.98	23.11	1.00	24.26	1.02
	60	18.50	0.91	19.65	0.95	20.80	0.98	21.63	0.99	23.09	1.01	24.24	1.03
	65	18.48	0.92	19.63	0.96	20.78	0.99	21.61	1.00	23.08	1.02	24.22	1.04
	70	18.47	0.93	19.62	0.97	20.76	1.00	21.59	1.02	23.06	1.04	24.20	1.06
	75	18.02	0.99	19.17	1.02	20.31	1.06	21.14	1.07	22.60	1.09	23.75	1.11
	80	17.58	1.04	18.72	1.07	19.86	1.11	20.69	1.13	22.15	1.15	23.29	1.17
	85	17.14	1.09	18.28	1.13	19.42	1.17	20.24	1.18	21.69	1.20	22.83	1.23
	90	16.70	1.14	17.84	1.18	18.97	1.22	19.79	1.24	21.24	1.26	22.38	1.28
	95	16.22	1.19	17.35	1.23	18.48	1.28	19.00	1.29	20.74	1.31	21.87	1.34
	100	15.83	1.24	16.96	1.28	18.09	1.33	18.75	1.34	20.35	1.37	21.48	1.40
	105	15.43	1.29	16.56	1.34	17.69	1.38	18.51	1.40	19.95	1.43	21.08	1.45
	110	15.04	1.34	16.17	1.39	17.30	1.44	18.11	1.45	19.56	1.48	20.69	1.51
	115	14.64	1.39	15.77	1.44	16.90	1.49	17.72	1.51	19.16	1.54	20.29	1.57
	118	14.40	1.42	15.53	1.47	16.66	1.52	17.48	1.54	18.92	1.57	20.05	1.60
	122	14.33	1.46	15.46	1.51	16.59	1.57	17.40	1.59	18.85	1.62	19.98	1.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 70: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	19.66	0.81	20.88	0.84	22.11	0.87	22.99	0.88	24.55	0.89	25.77	0.91
	0	19.65	0.82	20.87	0.85	22.09	0.88	22.97	0.89	24.53	0.90	25.75	0.92
	5	19.64	0.83	20.86	0.86	22.07	0.89	22.96	0.90	24.51	0.92	25.73	0.94
	10	19.62	0.84	20.84	0.87	22.06	0.90	22.94	0.91	24.50	0.93	25.71	0.95
	14	19.61	0.85	20.82	0.89	22.04	0.92	22.92	0.93	24.48	0.95	25.69	0.96
	20	19.59	0.87	20.81	0.90	22.02	0.93	22.90	0.94	24.46	0.96	25.67	0.98
	25	19.58	0.88	20.79	0.91	22.01	0.94	22.89	0.95	24.44	0.97	25.65	0.99
	30	19.56	0.89	20.78	0.92	21.99	0.96	22.87	0.97	24.42	0.99	25.64	1.01
	35	19.55	0.90	20.76	0.94	21.97	0.97	22.85	0.98	24.40	1.00	25.62	1.02
	40	19.53	0.92	20.74	0.95	21.96	0.98	22.83	0.99	24.38	1.01	25.60	1.03
	45	19.52	0.93	20.73	0.96	21.94	1.00	22.82	1.01	24.36	1.03	25.58	1.05
	50	19.50	0.94	20.71	0.97	21.92	1.01	22.80	1.02	24.35	1.04	25.56	1.06
	55	19.49	0.95	20.70	0.99	21.91	1.02	22.78	1.03	24.33	1.05	25.54	1.08
	60	19.47	0.96	20.68	1.00	21.89	1.04	22.76	1.05	24.31	1.07	25.52	1.09
	65	19.46	0.98	20.66	1.01	21.87	1.05	22.75	1.06	24.29	1.08	25.50	1.10
	70	19.44	0.99	20.65	1.03	21.86	1.06	22.73	1.07	24.27	1.09	25.48	1.12
	75	18.97	1.04	20.18	1.08	21.38	1.12	22.25	1.13	23.79	1.15	25.00	1.18
	80	18.51	1.10	19.71	1.14	20.91	1.18	21.78	1.19	23.31	1.21	24.51	1.24
	85	18.04	1.15	19.24	1.19	20.44	1.23	21.30	1.25	22.84	1.27	24.03	1.30
	90	17.58	1.20	18.77	1.25	19.97	1.29	20.83	1.31	22.36	1.33	23.56	1.36
	95	17.08	1.26	18.26	1.30	19.45	1.35	20.00	1.36	21.83	1.39	23.02	1.42
	100	16.66	1.31	17.85	1.36	19.04	1.41	19.74	1.42	21.42	1.45	22.61	1.48
	105	16.24	1.36	17.43	1.41	18.62	1.46	19.48	1.48	21.00	1.51	22.19	1.54
	110	15.83	1.42	17.02	1.47	18.21	1.52	19.07	1.54	20.59	1.57	21.78	1.60
	115	15.41	1.47	16.60	1.52	17.79	1.58	18.65	1.60	20.17	1.63	21.36	1.66
	118	15.16	1.50	16.35	1.56	17.54	1.61	18.40	1.63	19.92	1.66	21.11	1.70
	122	15.08	1.54	16.27	1.60	17.46	1.66	18.32	1.68	19.84	1.71	21.03	1.74
21	-4	20.65	0.85	21.93	0.88	23.21	0.92	24.14	0.93	25.77	0.94	27.06	0.96
	0	20.63	0.86	21.92	0.89	23.20	0.93	24.12	0.94	25.76	0.95	27.04	0.97
	5	20.62	0.88	21.90	0.91	23.18	0.94	24.10	0.95	25.74	0.97	27.02	0.99
	10	20.60	0.89	21.88	0.92	23.16	0.95	24.08	0.97	25.72	0.98	27.00	1.00
	14	20.59	0.90	21.86	0.93	23.14	0.97	24.07	0.98	25.70	1.00	26.98	1.02
	20	20.57	0.91	21.85	0.95	23.13	0.98	24.05	0.99	25.68	1.01	26.96	1.03
	25	20.55	0.93	21.83	0.96	23.11	1.00	24.03	1.01	25.66	1.03	26.94	1.05
	30	20.54	0.94	21.81	0.97	23.09	1.01	24.01	1.02	25.64	1.04	26.92	1.06
	35	20.52	0.95	21.80	0.99	23.07	1.02	23.99	1.04	25.62	1.05	26.90	1.08
	40	20.51	0.97	21.78	1.00	23.05	1.04	23.97	1.05	25.60	1.07	26.88	1.09
	45	20.49	0.98	21.76	1.01	23.04	1.05	23.96	1.06	25.58	1.08	26.86	1.11
	50	20.48	0.99	21.75	1.03	23.02	1.07	23.94	1.08	25.56	1.10	26.83	1.12
	55	20.46	1.00	21.73	1.04	23.00	1.08	23.92	1.09	25.54	1.11	26.81	1.13
	60	20.44	1.02	21.71	1.05	22.98	1.09	23.90	1.11	25.52	1.13	26.79	1.15
	65	20.43	1.03	21.70	1.07	22.97	1.11	23.88	1.12	25.50	1.14	26.77	1.16
	70	20.41	1.04	21.68	1.08	22.95	1.12	23.86	1.13	25.48	1.16	26.75	1.18
	75	19.92	1.10	21.19	1.14	22.45	1.18	23.36	1.20	24.98	1.22	26.25	1.24
	80	19.43	1.16	20.69	1.20	21.95	1.24	22.87	1.26	24.48	1.28	25.74	1.31
	85	18.94	1.21	20.20	1.26	21.46	1.30	22.37	1.32	23.98	1.34	25.24	1.37
	90	18.46	1.27	19.71	1.32	20.97	1.36	21.87	1.38	23.48	1.40	24.73	1.43
	95	17.93	1.33	19.18	1.37	20.43	1.42	21.00	1.44	22.93	1.47	24.17	1.50
	100	17.49	1.38	18.74	1.43	19.99	1.48	20.73	1.50	22.49	1.53	23.74	1.56
	105	17.06	1.44	18.30	1.49	19.55	1.54	20.46	1.56	22.05	1.59	23.30	1.62
	110	16.62	1.49	17.87	1.55	19.12	1.61	20.02	1.62	21.62	1.65	22.86	1.69
	115	16.18	1.55	17.43	1.61	18.68	1.67	19.58	1.68	21.18	1.72	22.43	1.75
	118	15.92	1.58	17.17	1.64	18.42	1.70	19.32	1.72	20.92	1.75	22.17	1.79
	122	15.83	1.63	17.08	1.69	18.33	1.75	19.23	1.77	20.83	1.80	22.08	1.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 71: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	21.63	0.90	22.97	0.93	24.32	0.96	25.29	0.97	27.00	0.99	28.35	1.01
	0	21.62	0.91	22.96	0.94	24.30	0.97	25.27	0.99	26.99	1.00	28.33	1.02
	5	21.60	0.92	22.94	0.96	24.28	0.99	25.25	1.00	26.97	1.02	28.31	1.04
	10	21.58	0.94	22.92	0.97	24.26	1.00	25.23	1.02	26.94	1.04	28.29	1.06
	14	21.57	0.95	22.91	0.98	24.25	1.02	25.21	1.03	26.92	1.05	28.26	1.07
	20	21.55	0.96	22.89	1.00	24.23	1.03	25.19	1.05	26.90	1.07	28.24	1.09
	25	21.53	0.98	22.87	1.01	24.21	1.05	25.17	1.06	26.88	1.08	28.22	1.10
	30	21.52	0.99	22.85	1.03	24.19	1.06	25.15	1.08	26.86	1.10	28.20	1.12
	35	21.50	1.00	22.84	1.04	24.17	1.08	25.14	1.09	26.84	1.11	28.18	1.13
	40	21.48	1.02	22.82	1.05	24.15	1.09	25.12	1.11	26.82	1.13	28.16	1.15
	45	21.47	1.03	22.80	1.07	24.13	1.11	25.10	1.12	26.80	1.14	28.13	1.16
	50	21.45	1.04	22.78	1.08	24.12	1.12	25.08	1.13	26.78	1.16	28.11	1.18
	55	21.43	1.06	22.77	1.10	24.10	1.14	25.06	1.15	26.76	1.17	28.09	1.19
	60	21.42	1.07	22.75	1.11	24.08	1.15	25.04	1.16	26.74	1.19	28.07	1.21
	65	21.40	1.09	22.73	1.12	24.06	1.17	25.02	1.18	26.72	1.20	28.05	1.23
	70	21.39	1.10	22.71	1.14	24.04	1.18	25.00	1.19	26.70	1.22	28.03	1.24
	75	20.87	1.16	22.20	1.20	23.52	1.24	24.48	1.26	26.17	1.28	27.50	1.31
	80	20.36	1.22	21.68	1.26	23.00	1.31	23.95	1.32	25.64	1.35	26.96	1.37
	85	19.85	1.28	21.16	1.32	22.48	1.37	23.44	1.39	25.12	1.41	26.44	1.44
	90	19.34	1.34	20.65	1.38	21.97	1.44	22.92	1.45	24.60	1.48	25.91	1.51
	95	18.78	1.40	20.09	1.45	21.40	1.50	22.00	1.52	24.02	1.54	25.33	1.58
	100	18.33	1.45	19.63	1.51	20.94	1.56	21.71	1.58	23.56	1.61	24.87	1.64
	105	17.87	1.51	19.18	1.57	20.48	1.63	21.43	1.64	23.10	1.68	24.41	1.71
	110	17.41	1.57	18.72	1.63	20.03	1.69	20.97	1.71	22.64	1.74	23.95	1.78
	115	16.95	1.63	18.26	1.69	19.57	1.75	20.52	1.77	22.19	1.81	23.50	1.84
	118	16.68	1.67	17.99	1.73	19.30	1.79	20.24	1.81	21.91	1.85	23.22	1.88
	122	16.59	1.72	17.90	1.78	19.20	1.84	20.15	1.86	21.82	1.90	23.13	1.94
23	-4	22.61	0.94	24.02	0.98	25.42	1.01	26.44	1.02	28.23	1.04	29.63	1.06
	0	22.60	0.95	24.00	0.99	25.41	1.02	26.42	1.04	28.21	1.05	29.62	1.08
	5	22.58	0.97	23.98	1.00	25.39	1.04	26.40	1.05	28.19	1.07	29.59	1.09
	10	22.56	0.98	23.97	1.02	25.37	1.06	26.38	1.07	28.17	1.09	29.57	1.11
	14	22.55	1.00	23.95	1.03	25.35	1.07	26.36	1.08	28.15	1.10	29.55	1.13
	20	22.53	1.01	23.93	1.05	25.33	1.09	26.34	1.10	28.13	1.12	29.53	1.14
	25	22.51	1.03	23.91	1.06	25.31	1.10	26.32	1.11	28.10	1.14	29.50	1.16
	30	22.50	1.04	23.89	1.08	25.29	1.12	26.30	1.13	28.08	1.15	29.48	1.17
	35	22.48	1.05	23.87	1.09	25.27	1.13	26.28	1.15	28.06	1.17	29.46	1.19
	40	22.46	1.07	23.86	1.11	25.25	1.15	26.26	1.16	28.04	1.18	29.44	1.21
	45	22.44	1.08	23.84	1.12	25.23	1.16	26.24	1.18	28.02	1.20	29.41	1.22
	50	22.43	1.10	23.82	1.14	25.21	1.18	26.22	1.19	28.00	1.21	29.39	1.24
	55	22.41	1.11	23.80	1.15	25.19	1.19	26.20	1.21	27.98	1.23	29.37	1.26
	60	22.39	1.13	23.78	1.17	25.17	1.21	26.18	1.22	27.95	1.25	29.35	1.27
	65	22.37	1.14	23.76	1.18	25.15	1.22	26.16	1.24	27.93	1.26	29.32	1.29
	70	22.36	1.15	23.75	1.20	25.13	1.24	26.14	1.25	27.91	1.28	29.30	1.30
	75	21.82	1.22	23.20	1.26	24.59	1.31	25.59	1.32	27.36	1.35	28.75	1.37
	80	21.28	1.28	22.66	1.33	24.04	1.37	25.04	1.39	26.81	1.42	28.19	1.44
	85	20.75	1.34	22.13	1.39	23.50	1.44	24.50	1.46	26.26	1.48	27.64	1.51
	90	20.22	1.40	21.59	1.45	22.96	1.51	23.96	1.53	25.71	1.55	27.09	1.59
	95	19.64	1.47	21.00	1.52	22.37	1.57	23.00	1.59	25.11	1.62	26.48	1.66
	100	19.16	1.53	20.53	1.58	21.89	1.64	22.70	1.66	24.63	1.69	26.00	1.73
	105	18.68	1.59	20.05	1.65	21.42	1.71	22.40	1.73	24.15	1.76	25.52	1.80
	110	18.20	1.65	19.57	1.71	20.94	1.78	21.93	1.80	23.67	1.83	25.04	1.87
	115	17.72	1.71	19.09	1.78	20.46	1.84	21.45	1.86	23.20	1.90	24.56	1.94
	118	17.44	1.75	18.80	1.82	20.17	1.88	21.16	1.90	22.91	1.94	24.28	1.98
	122	17.34	1.80	18.71	1.87	20.08	1.94	21.07	1.96	22.81	2.00	24.18	2.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 72: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	23.60	0.99	25.06	1.02	26.53	1.06	27.58	1.07	29.46	1.09	30.92	1.12
	0	23.58	1.00	25.05	1.04	26.51	1.07	27.57	1.09	29.44	1.11	30.91	1.13
	5	23.56	1.02	25.03	1.05	26.49	1.09	27.55	1.10	29.42	1.12	30.88	1.15
	10	23.55	1.03	25.01	1.07	26.47	1.11	27.53	1.12	29.39	1.14	30.86	1.16
	14	23.53	1.05	24.99	1.08	26.45	1.12	27.50	1.14	29.37	1.16	30.83	1.18
	20	23.51	1.06	24.97	1.10	26.43	1.14	27.48	1.15	29.35	1.17	30.81	1.20
	25	23.49	1.08	24.95	1.11	26.41	1.16	27.46	1.17	29.33	1.19	30.79	1.21
	30	23.47	1.09	24.93	1.13	26.39	1.17	27.44	1.19	29.30	1.21	30.76	1.23
	35	23.46	1.11	24.91	1.15	26.37	1.19	27.42	1.20	29.28	1.22	30.74	1.25
	40	23.44	1.12	24.89	1.16	26.35	1.20	27.40	1.22	29.26	1.24	30.72	1.27
	45	23.42	1.14	24.87	1.18	26.33	1.22	27.38	1.23	29.24	1.26	30.69	1.28
	50	23.40	1.15	24.85	1.19	26.31	1.24	27.36	1.25	29.21	1.27	30.67	1.30
	55	23.38	1.17	24.84	1.21	26.29	1.25	27.34	1.27	29.19	1.29	30.64	1.32
	60	23.37	1.18	24.82	1.22	26.27	1.27	27.32	1.28	29.17	1.31	30.62	1.33
	65	23.35	1.20	24.80	1.24	26.25	1.28	27.29	1.30	29.15	1.32	30.60	1.35
	70	23.33	1.21	24.78	1.25	26.23	1.30	27.27	1.32	29.13	1.34	30.57	1.37
	75	22.77	1.28	24.21	1.32	25.66	1.37	26.70	1.39	28.55	1.41	29.99	1.44
	80	22.21	1.34	23.65	1.39	25.09	1.44	26.13	1.46	27.97	1.48	29.42	1.51
	85	21.65	1.41	23.09	1.46	24.53	1.51	25.57	1.53	27.40	1.56	28.84	1.59
	90	21.09	1.47	22.53	1.53	23.96	1.58	25.00	1.60	26.83	1.63	28.27	1.66
	95	20.49	1.54	21.92	1.59	23.35	1.65	24.00	1.67	26.20	1.70	27.63	1.74
	100	19.99	1.60	21.42	1.66	22.85	1.72	23.69	1.74	25.70	1.77	27.13	1.81
	105	19.49	1.67	20.92	1.73	22.35	1.79	23.38	1.81	25.20	1.85	26.63	1.88
	110	18.99	1.73	20.42	1.80	21.85	1.86	22.88	1.88	24.70	1.92	26.13	1.96
	115	18.49	1.80	19.92	1.86	21.35	1.93	22.38	1.95	24.20	1.99	25.63	2.03
	118	18.19	1.84	19.62	1.90	21.05	1.97	22.08	2.00	23.90	2.03	25.33	2.08
	122	18.10	1.89	19.52	1.96	20.95	2.03	21.98	2.05	23.81	2.09	25.23	2.13
25	-4	24.58	1.03	26.10	1.07	27.63	1.11	28.73	1.12	30.68	1.15	32.21	1.17
	0	24.57	1.05	26.09	1.08	27.62	1.12	28.72	1.14	30.67	1.16	32.19	1.18
	5	24.54	1.06	26.07	1.10	27.59	1.14	28.69	1.16	30.64	1.18	32.17	1.20
	10	24.53	1.08	26.05	1.12	27.57	1.16	28.67	1.17	30.62	1.19	32.14	1.22
	14	24.51	1.09	26.03	1.13	27.55	1.18	28.65	1.19	30.60	1.21	32.12	1.24
	20	24.49	1.11	26.01	1.15	27.53	1.19	28.63	1.21	30.57	1.23	32.09	1.25
	25	24.47	1.13	25.99	1.17	27.51	1.21	28.61	1.22	30.55	1.25	32.07	1.27
	30	24.45	1.14	25.97	1.18	27.49	1.23	28.59	1.24	30.53	1.26	32.04	1.29
	35	24.43	1.16	25.95	1.20	27.47	1.24	28.56	1.26	30.50	1.28	32.02	1.31
	40	24.41	1.17	25.93	1.22	27.45	1.26	28.54	1.27	30.48	1.30	32.00	1.32
	45	24.40	1.19	25.91	1.23	27.43	1.28	28.52	1.29	30.46	1.32	31.97	1.34
	50	24.38	1.20	25.89	1.25	27.40	1.29	28.50	1.31	30.43	1.33	31.95	1.36
	55	24.36	1.22	25.87	1.26	27.38	1.31	28.48	1.33	30.41	1.35	31.92	1.38
	60	24.34	1.24	25.85	1.28	27.36	1.33	28.45	1.34	30.39	1.37	31.90	1.40
	65	24.32	1.25	25.83	1.30	27.34	1.34	28.43	1.36	30.36	1.39	31.87	1.41
	70	24.30	1.27	25.81	1.31	27.32	1.36	28.41	1.38	30.34	1.40	31.85	1.43
	75	23.72	1.34	25.22	1.38	26.73	1.44	27.82	1.45	29.74	1.48	31.24	1.51
	80	23.13	1.40	24.63	1.46	26.14	1.51	27.22	1.53	29.14	1.55	30.64	1.59
	85	22.55	1.47	24.05	1.53	25.55	1.58	26.63	1.60	28.54	1.63	30.04	1.66
	90	21.97	1.54	23.47	1.60	24.96	1.66	26.04	1.67	27.95	1.71	29.44	1.74
	95	21.34	1.61	22.83	1.67	24.32	1.73	25.00	1.75	27.29	1.78	28.78	1.82
	100	20.82	1.68	22.31	1.74	23.80	1.80	24.68	1.82	26.77	1.86	28.26	1.89
	105	20.30	1.75	21.79	1.81	23.28	1.88	24.35	1.90	26.25	1.93	27.74	1.97
	110	19.78	1.81	21.27	1.88	22.76	1.95	23.83	1.97	25.73	2.01	27.22	2.05
	115	19.26	1.88	20.75	1.95	22.24	2.02	23.31	2.05	25.21	2.08	26.70	2.13
	118	18.95	1.92	20.44	1.99	21.93	2.07	23.00	2.09	24.90	2.13	26.39	2.17
	122	18.85	1.98	20.34	2.05	21.82	2.13	22.90	2.15	24.80	2.19	26.28	2.23

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 73: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	25.56	1.08	27.15	1.12	28.74	1.16	29.88	1.18	31.91	1.20	33.50	1.22
	0	25.55	1.09	27.13	1.13	28.72	1.17	29.87	1.19	31.89	1.21	33.48	1.23
	5	25.53	1.11	27.11	1.15	28.70	1.19	29.84	1.21	31.87	1.23	33.45	1.25
	10	25.51	1.13	27.09	1.17	28.68	1.21	29.82	1.23	31.84	1.25	33.43	1.27
	14	25.49	1.14	27.07	1.19	28.65	1.23	29.80	1.24	31.82	1.27	33.40	1.29
	20	25.47	1.16	27.05	1.20	28.63	1.25	29.77	1.26	31.80	1.28	33.38	1.31
	25	25.45	1.18	27.03	1.22	28.61	1.26	29.75	1.28	31.77	1.30	33.35	1.33
	30	25.43	1.19	27.01	1.24	28.59	1.28	29.73	1.30	31.75	1.32	33.33	1.35
	35	25.41	1.21	26.99	1.25	28.57	1.30	29.71	1.31	31.72	1.34	33.30	1.37
	40	25.39	1.23	26.97	1.27	28.54	1.32	29.68	1.33	31.70	1.36	33.27	1.38
	45	25.37	1.24	26.95	1.29	28.52	1.34	29.66	1.35	31.67	1.38	33.25	1.40
	50	25.35	1.26	26.93	1.31	28.50	1.35	29.64	1.37	31.65	1.39	33.22	1.42
	55	25.33	1.28	26.91	1.32	28.48	1.37	29.61	1.39	31.63	1.41	33.20	1.44
	60	25.31	1.29	26.88	1.34	28.46	1.39	29.59	1.40	31.60	1.43	33.17	1.46
	65	25.29	1.31	26.86	1.36	28.43	1.41	29.57	1.42	31.58	1.45	33.15	1.48
	70	25.27	1.32	26.84	1.37	28.41	1.42	29.55	1.44	31.55	1.47	33.12	1.50
	75	24.67	1.40	26.23	1.45	27.80	1.50	28.93	1.52	30.93	1.55	32.49	1.58
	80	24.06	1.47	25.62	1.52	27.18	1.58	28.31	1.60	30.31	1.62	31.87	1.66
	85	23.45	1.54	25.01	1.60	26.57	1.65	27.70	1.67	29.69	1.70	31.24	1.74
	90	22.85	1.61	24.41	1.67	25.96	1.73	27.08	1.75	29.07	1.78	30.62	1.82
	95	22.20	1.68	23.74	1.74	25.29	1.81	26.00	1.83	28.38	1.86	29.93	1.90
	100	21.66	1.75	23.20	1.82	24.75	1.88	25.66	1.91	27.84	1.94	29.39	1.98
	105	21.12	1.83	22.66	1.89	24.21	1.96	25.33	1.98	27.30	2.02	28.85	2.06
	110	20.58	1.90	22.12	1.97	23.67	2.04	24.79	2.06	26.76	2.10	28.31	2.14
	115	20.04	1.97	21.58	2.04	23.13	2.11	24.25	2.14	26.22	2.18	27.77	2.22
	118	19.71	2.01	21.26	2.08	22.80	2.16	23.92	2.19	25.90	2.23	27.44	2.27
	122	19.60	2.07	21.15	2.14	22.70	2.22	23.81	2.25	25.79	2.29	27.34	2.34
27	-4	26.54	1.13	28.19	1.17	29.84	1.21	31.03	1.23	33.14	1.25	34.79	1.27
	0	26.53	1.14	28.18	1.18	29.83	1.23	31.02	1.24	33.12	1.26	34.77	1.29
	5	26.51	1.16	28.15	1.20	29.80	1.25	30.99	1.26	33.09	1.28	34.74	1.31
	10	26.49	1.18	28.13	1.22	29.78	1.26	30.97	1.28	33.07	1.30	34.71	1.33
	14	26.47	1.19	28.11	1.24	29.76	1.28	30.94	1.30	33.04	1.32	34.69	1.35
	20	26.45	1.21	28.09	1.26	29.73	1.30	30.92	1.32	33.02	1.34	34.66	1.37
	25	26.43	1.23	28.07	1.27	29.71	1.32	30.90	1.33	32.99	1.36	34.63	1.39
	30	26.41	1.25	28.05	1.29	29.69	1.34	30.87	1.35	32.97	1.38	34.61	1.41
	35	26.39	1.26	28.03	1.31	29.66	1.36	30.85	1.37	32.94	1.40	34.58	1.43
	40	26.37	1.28	28.00	1.33	29.64	1.38	30.82	1.39	32.92	1.42	34.55	1.45
	45	26.35	1.30	27.98	1.34	29.62	1.39	30.80	1.41	32.89	1.44	34.53	1.46
	50	26.33	1.31	27.96	1.36	29.60	1.41	30.78	1.43	32.87	1.45	34.50	1.48
	55	26.31	1.33	27.94	1.38	29.57	1.43	30.75	1.45	32.84	1.47	34.48	1.50
	60	26.29	1.35	27.92	1.40	29.55	1.45	30.73	1.47	32.82	1.49	34.45	1.52
	65	26.27	1.37	27.90	1.42	29.53	1.47	30.71	1.48	32.79	1.51	34.42	1.54
	70	26.25	1.38	27.88	1.43	29.51	1.49	30.68	1.50	32.77	1.53	34.40	1.56
	75	25.61	1.46	27.24	1.51	28.87	1.57	30.04	1.58	32.12	1.61	33.74	1.65
	80	24.98	1.53	26.60	1.59	28.23	1.65	29.40	1.66	31.47	1.70	33.09	1.73
	85	24.36	1.61	25.97	1.67	27.59	1.73	28.76	1.75	30.83	1.78	32.45	1.81
	90	23.73	1.68	25.34	1.74	26.96	1.81	28.12	1.83	30.19	1.86	31.80	1.90
	95	23.05	1.76	24.66	1.82	26.26	1.89	27.00	1.91	29.48	1.94	31.08	1.98
	100	22.49	1.83	24.10	1.90	25.70	1.97	26.65	1.99	28.91	2.03	30.52	2.07
	105	21.93	1.91	23.53	1.97	25.14	2.05	26.30	2.07	28.35	2.11	29.96	2.15
	110	21.37	1.98	22.97	2.05	24.58	2.13	25.74	2.15	27.79	2.19	29.40	2.24
	115	20.81	2.05	22.41	2.13	24.02	2.21	25.18	2.23	27.23	2.27	28.84	2.32
	118	20.47	2.10	22.08	2.18	23.68	2.26	24.84	2.28	26.89	2.32	28.50	2.37
	122	20.36	2.16	21.96	2.24	23.57	2.32	24.73	2.35	26.78	2.39	28.39	2.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 74: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	27.53	1.18	29.24	1.22	30.95	1.26	32.18	1.28	34.37	1.30	36.08	1.33
	0	27.51	1.19	29.22	1.23	30.93	1.28	32.16	1.29	34.35	1.32	36.06	1.34
	5	27.49	1.21	29.20	1.25	30.90	1.30	32.14	1.31	34.32	1.34	36.03	1.37
	10	27.47	1.23	29.18	1.27	30.88	1.32	32.11	1.33	34.29	1.36	36.00	1.39
	14	27.45	1.24	29.15	1.29	30.86	1.34	32.09	1.35	34.27	1.38	35.97	1.41
	20	27.43	1.26	29.13	1.31	30.83	1.36	32.06	1.37	34.24	1.40	35.94	1.43
	25	27.41	1.28	29.11	1.33	30.81	1.38	32.04	1.39	34.21	1.42	35.92	1.45
	30	27.39	1.30	29.09	1.35	30.79	1.39	32.02	1.41	34.19	1.44	35.89	1.47
	35	27.36	1.32	29.06	1.36	30.76	1.41	31.99	1.43	34.16	1.46	35.86	1.49
	40	27.34	1.33	29.04	1.38	30.74	1.43	31.97	1.45	34.14	1.48	35.83	1.51
	45	27.32	1.35	29.02	1.40	30.72	1.45	31.94	1.47	34.11	1.50	35.81	1.53
	50	27.30	1.37	29.00	1.42	30.69	1.47	31.92	1.49	34.08	1.52	35.78	1.55
	55	27.28	1.39	28.98	1.44	30.67	1.49	31.89	1.51	34.06	1.54	35.75	1.57
	60	27.26	1.41	28.95	1.46	30.65	1.51	31.87	1.53	34.03	1.56	35.72	1.59
	65	27.24	1.42	28.93	1.48	30.62	1.53	31.84	1.55	34.01	1.58	35.70	1.61
	70	27.22	1.44	28.91	1.49	30.60	1.55	31.82	1.57	33.98	1.60	35.67	1.63
	75	26.56	1.52	28.25	1.57	29.94	1.63	31.15	1.65	33.31	1.68	34.99	1.72
	80	25.91	1.60	27.59	1.66	29.27	1.72	30.49	1.74	32.64	1.77	34.32	1.80
	85	25.26	1.67	26.94	1.74	28.61	1.80	29.83	1.82	31.97	1.85	33.65	1.89
	90	24.61	1.75	26.28	1.82	27.96	1.88	29.17	1.90	31.30	1.94	32.98	1.98
	95	23.91	1.83	25.57	1.90	27.24	1.97	28.00	1.99	30.57	2.03	32.23	2.07
	100	23.32	1.91	24.99	1.98	26.65	2.05	27.64	2.07	29.98	2.11	31.65	2.15
	105	22.74	1.99	24.41	2.06	26.07	2.13	27.27	2.16	29.40	2.20	31.07	2.24
	110	22.16	2.06	23.82	2.14	25.49	2.22	26.69	2.24	28.82	2.28	30.49	2.33
	115	21.58	2.14	23.24	2.22	24.91	2.30	26.11	2.33	28.24	2.37	29.90	2.42
	118	21.23	2.19	22.89	2.27	24.56	2.35	25.76	2.38	27.89	2.42	29.55	2.47
	122	21.11	2.25	22.78	2.33	24.44	2.42	25.64	2.45	27.77	2.49	29.44	2.54
29	-4	28.51	1.23	30.28	1.27	32.05	1.32	33.33	1.33	35.59	1.36	37.36	1.38
	0	28.50	1.24	30.27	1.28	32.03	1.33	33.31	1.35	35.57	1.37	37.34	1.40
	5	28.47	1.26	30.24	1.30	32.01	1.35	33.29	1.37	35.54	1.39	37.31	1.42
	10	28.45	1.28	30.22	1.32	31.98	1.37	33.26	1.39	35.52	1.41	37.28	1.44
	14	28.43	1.30	30.19	1.34	31.96	1.39	33.23	1.41	35.49	1.43	37.26	1.46
	20	28.41	1.31	30.17	1.36	31.94	1.41	33.21	1.43	35.46	1.46	37.23	1.48
	25	28.39	1.33	30.15	1.38	31.91	1.43	33.18	1.45	35.44	1.48	37.20	1.51
	30	28.36	1.35	30.13	1.40	31.89	1.45	33.16	1.47	35.41	1.50	37.17	1.53
	35	28.34	1.37	30.10	1.42	31.86	1.47	33.13	1.49	35.38	1.52	37.14	1.55
	40	28.32	1.39	30.08	1.44	31.84	1.49	33.11	1.51	35.36	1.54	37.11	1.57
	45	28.30	1.41	30.06	1.46	31.81	1.51	33.08	1.53	35.33	1.56	37.09	1.59
	50	28.28	1.43	30.03	1.48	31.79	1.53	33.06	1.55	35.30	1.58	37.06	1.61
	55	28.26	1.44	30.01	1.50	31.76	1.55	33.03	1.57	35.27	1.60	37.03	1.63
	60	28.23	1.46	29.99	1.52	31.74	1.57	33.01	1.59	35.25	1.62	37.00	1.65
	65	28.21	1.48	29.96	1.54	31.72	1.59	32.98	1.61	35.22	1.64	36.97	1.67
	70	28.19	1.50	29.94	1.56	31.69	1.61	32.96	1.63	35.19	1.66	36.94	1.69
	75	27.51	1.58	29.26	1.64	31.00	1.70	32.27	1.72	34.50	1.75	36.24	1.79
	80	26.83	1.66	28.58	1.72	30.32	1.79	31.58	1.81	33.80	1.84	35.54	1.88
	85	26.16	1.74	27.90	1.81	29.64	1.87	30.89	1.89	33.11	1.93	34.85	1.97
	90	25.49	1.82	27.22	1.89	28.96	1.96	30.21	1.98	32.42	2.02	34.16	2.06
	95	24.76	1.91	26.48	1.97	28.21	2.05	29.00	2.07	31.66	2.11	33.38	2.15
	100	24.16	1.99	25.88	2.06	27.61	2.13	28.62	2.16	31.06	2.20	32.78	2.24
	105	23.55	2.07	25.28	2.14	27.00	2.22	28.25	2.25	30.45	2.29	32.18	2.33
	110	22.95	2.15	24.68	2.23	26.40	2.31	27.65	2.33	29.85	2.38	31.57	2.43
	115	22.35	2.23	24.07	2.31	25.80	2.39	27.04	2.42	29.25	2.47	30.97	2.52
	118	21.99	2.28	23.71	2.36	25.44	2.45	26.68	2.48	28.88	2.52	30.61	2.57
	122	21.86	2.34	23.59	2.43	25.31	2.52	26.56	2.55	28.76	2.59	30.49	2.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 75: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	29.49	1.27	31.33	1.32	33.16	1.37	34.48	1.38	36.82	1.41	38.65	1.44
	0	29.48	1.29	31.31	1.33	33.14	1.38	34.46	1.40	36.80	1.43	38.63	1.45
	5	29.45	1.31	31.28	1.36	33.11	1.41	34.43	1.42	36.77	1.45	38.60	1.48
	10	29.43	1.33	31.26	1.38	33.09	1.43	34.41	1.44	36.74	1.47	38.57	1.50
	14	29.41	1.35	31.24	1.40	33.06	1.45	34.38	1.46	36.71	1.49	38.54	1.52
	20	29.39	1.37	31.21	1.42	33.04	1.47	34.35	1.49	36.69	1.51	38.51	1.54
	25	29.36	1.39	31.19	1.44	33.01	1.49	34.33	1.51	36.66	1.53	38.48	1.57
	30	29.34	1.41	31.16	1.46	32.99	1.51	34.30	1.53	36.63	1.56	38.45	1.59
	35	29.32	1.42	31.14	1.48	32.96	1.53	34.28	1.55	36.60	1.58	38.42	1.61
	40	29.30	1.44	31.12	1.50	32.94	1.55	34.25	1.57	36.57	1.60	38.39	1.63
	45	29.27	1.46	31.09	1.52	32.91	1.57	34.22	1.59	36.55	1.62	38.36	1.65
	50	29.25	1.48	31.07	1.54	32.89	1.59	34.20	1.61	36.52	1.64	38.34	1.67
	55	29.23	1.50	31.04	1.56	32.86	1.61	34.17	1.63	36.49	1.66	38.31	1.70
	60	29.21	1.52	31.02	1.58	32.83	1.63	34.14	1.65	36.46	1.68	38.28	1.72
	65	29.18	1.54	31.00	1.60	32.81	1.66	34.12	1.67	36.43	1.71	38.25	1.74
	70	29.16	1.56	30.97	1.62	32.78	1.68	34.09	1.70	36.41	1.73	38.22	1.76
	75	28.46	1.64	30.27	1.70	32.07	1.77	33.38	1.79	35.69	1.82	37.49	1.86
	80	27.76	1.73	29.56	1.79	31.36	1.86	32.66	1.88	34.97	1.91	36.77	1.95
	85	27.06	1.81	28.86	1.88	30.66	1.95	31.96	1.97	34.25	2.01	36.05	2.05
	90	26.37	1.90	28.16	1.97	29.95	2.04	31.25	2.06	33.54	2.10	35.33	2.14
	95	25.61	1.98	27.40	2.05	29.18	2.13	30.00	2.15	32.75	2.19	34.53	2.24
	100	24.99	2.07	26.77	2.14	28.56	2.22	29.61	2.24	32.13	2.29	33.91	2.33
	105	24.37	2.15	26.15	2.23	27.93	2.31	29.22	2.34	31.50	2.38	33.29	2.43
	110	23.74	2.23	25.53	2.32	27.31	2.40	28.60	2.43	30.88	2.47	32.66	2.52
	115	23.12	2.32	24.90	2.40	26.69	2.49	27.98	2.52	30.26	2.57	32.04	2.62
	118	22.74	2.37	24.53	2.45	26.31	2.54	27.60	2.57	29.88	2.62	31.67	2.67
	122	22.62	2.44	24.40	2.52	26.19	2.62	27.48	2.65	29.76	2.70	31.54	2.75
31	-4	30.48	1.32	32.37	1.37	34.26	1.42	35.63	1.44	38.05	1.46	39.94	1.49
	0	30.46	1.34	32.35	1.39	34.24	1.44	35.61	1.45	38.03	1.48	39.92	1.51
	5	30.44	1.36	32.33	1.41	34.22	1.46	35.58	1.48	38.00	1.50	39.89	1.54
	10	30.41	1.38	32.30	1.43	34.19	1.48	35.55	1.50	37.97	1.53	39.86	1.56
	14	30.39	1.40	32.28	1.45	34.16	1.50	35.53	1.52	37.94	1.55	39.83	1.58
	20	30.37	1.42	32.25	1.47	34.14	1.53	35.50	1.54	37.91	1.57	39.80	1.60
	25	30.34	1.44	32.23	1.49	34.11	1.55	35.47	1.56	37.88	1.59	39.77	1.63
	30	30.32	1.46	32.20	1.51	34.09	1.57	35.45	1.59	37.85	1.62	39.73	1.65
	35	30.30	1.48	32.18	1.53	34.06	1.59	35.42	1.61	37.82	1.64	39.70	1.67
	40	30.27	1.50	32.15	1.55	34.03	1.61	35.39	1.63	37.79	1.66	39.67	1.69
	45	30.25	1.52	32.13	1.58	34.01	1.63	35.36	1.65	37.76	1.68	39.64	1.72
	50	30.23	1.54	32.10	1.60	33.98	1.65	35.34	1.67	37.74	1.71	39.61	1.74
	55	30.20	1.56	32.08	1.62	33.96	1.68	35.31	1.70	37.71	1.73	39.58	1.76
	60	30.18	1.58	32.05	1.64	33.93	1.70	35.28	1.72	37.68	1.75	39.55	1.79
	65	30.16	1.60	32.03	1.66	33.90	1.72	35.26	1.74	37.65	1.77	39.52	1.81
	70	30.13	1.62	32.01	1.68	33.88	1.74	35.23	1.76	37.62	1.79	39.49	1.83
	75	29.41	1.71	31.28	1.77	33.14	1.84	34.49	1.86	36.88	1.89	38.74	1.93
	80	28.68	1.80	30.55	1.86	32.41	1.93	33.75	1.95	36.13	1.99	38.00	2.03
	85	27.97	1.88	29.82	1.95	31.68	2.02	33.02	2.05	35.40	2.08	37.25	2.13
	90	27.25	1.97	29.10	2.04	30.95	2.12	32.29	2.14	34.66	2.18	36.51	2.23
	95	26.47	2.06	28.31	2.13	30.15	2.21	31.00	2.24	33.84	2.28	35.69	2.32
	100	25.82	2.15	27.67	2.22	29.51	2.30	30.60	2.33	33.20	2.38	35.04	2.42
	105	25.18	2.23	27.02	2.31	28.87	2.40	30.20	2.43	32.55	2.47	34.40	2.52
	110	24.53	2.32	26.38	2.41	28.22	2.49	29.55	2.52	31.91	2.57	33.75	2.62
	115	23.89	2.41	25.73	2.50	27.58	2.59	28.91	2.62	31.26	2.67	33.11	2.72
	118	23.50	2.46	25.35	2.55	27.19	2.64	28.52	2.67	30.88	2.72	32.72	2.78
	122	23.37	2.53	25.22	2.62	27.06	2.72	28.39	2.75	30.75	2.80	32.59	2.86

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 76: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	31.46	1.37	33.41	1.42	35.37	1.48	36.78	1.49	39.28	1.52	41.23	1.55
	0	31.44	1.39	33.40	1.44	35.35	1.49	36.76	1.51	39.25	1.54	41.21	1.57
	5	31.42	1.41	33.37	1.46	35.32	1.52	36.73	1.53	39.22	1.56	41.17	1.59
	10	31.39	1.43	33.34	1.48	35.29	1.54	36.70	1.56	39.19	1.58	41.14	1.62
	14	31.37	1.45	33.32	1.51	35.27	1.56	36.67	1.58	39.16	1.61	41.11	1.64
	20	31.35	1.47	33.29	1.53	35.24	1.58	36.64	1.60	39.13	1.63	41.08	1.66
	25	31.32	1.49	33.27	1.55	35.21	1.61	36.62	1.62	39.10	1.65	41.05	1.69
	30	31.30	1.51	33.24	1.57	35.19	1.63	36.59	1.65	39.07	1.68	41.02	1.71
	35	31.27	1.54	33.22	1.59	35.16	1.65	36.56	1.67	39.04	1.70	40.99	1.73
	40	31.25	1.56	33.19	1.61	35.13	1.67	36.53	1.69	39.01	1.72	40.95	1.76
	45	31.23	1.58	33.17	1.64	35.10	1.69	36.51	1.71	38.98	1.75	40.92	1.78
	50	31.20	1.60	33.14	1.66	35.08	1.72	36.48	1.74	38.95	1.77	40.89	1.81
	55	31.18	1.62	33.11	1.68	35.05	1.74	36.45	1.76	38.92	1.79	40.86	1.83
	60	31.15	1.64	33.09	1.70	35.02	1.76	36.42	1.78	38.89	1.82	40.83	1.85
	65	31.13	1.66	33.06	1.72	35.00	1.78	36.39	1.81	38.86	1.84	40.80	1.88
	70	31.11	1.68	33.04	1.74	34.97	1.81	36.37	1.83	38.83	1.86	40.77	1.90
	75	30.36	1.77	32.28	1.84	34.21	1.90	35.60	1.93	38.07	1.96	39.99	2.00
	80	29.61	1.86	31.53	1.93	33.45	2.00	34.84	2.02	37.30	2.06	39.22	2.10
	85	28.87	1.95	30.78	2.03	32.70	2.10	34.09	2.12	36.54	2.16	38.46	2.21
	90	28.13	2.04	30.04	2.12	31.95	2.20	33.33	2.22	35.78	2.26	37.69	2.31
	95	27.32	2.14	29.22	2.21	31.13	2.29	32.00	2.32	34.93	2.36	36.84	2.41
	100	26.65	2.23	28.56	2.31	30.46	2.39	31.59	2.42	34.27	2.46	36.17	2.51
	105	25.99	2.32	27.89	2.40	29.80	2.49	31.17	2.52	33.60	2.57	35.51	2.62
	110	25.32	2.41	27.23	2.50	29.13	2.59	30.51	2.62	32.94	2.67	34.84	2.72
	115	24.66	2.50	26.56	2.59	28.47	2.68	29.84	2.72	32.27	2.77	34.18	2.82
	118	24.26	2.55	26.16	2.65	28.07	2.74	29.44	2.77	31.87	2.83	33.78	2.88
	122	24.13	2.63	26.03	2.72	27.93	2.82	29.31	2.85	31.74	2.91	33.64	2.97
33	-4	32.44	1.42	34.46	1.48	36.47	1.53	37.93	1.55	40.50	1.58	42.52	1.61
	0	32.43	1.44	34.44	1.49	36.45	1.55	37.91	1.56	40.48	1.59	42.49	1.63
	5	32.40	1.46	34.41	1.52	36.42	1.57	37.88	1.59	40.45	1.62	42.46	1.65
	10	32.37	1.48	34.39	1.54	36.40	1.59	37.85	1.61	40.42	1.64	42.43	1.68
	14	32.35	1.51	34.36	1.56	36.37	1.62	37.82	1.64	40.39	1.67	42.40	1.70
	20	32.33	1.53	34.33	1.58	36.34	1.64	37.79	1.66	40.36	1.69	42.36	1.72
	25	32.30	1.55	34.31	1.61	36.31	1.66	37.76	1.68	40.32	1.71	42.33	1.75
	30	32.28	1.57	34.28	1.63	36.28	1.69	37.73	1.71	40.29	1.74	42.30	1.77
	35	32.25	1.59	34.25	1.65	36.26	1.71	37.70	1.73	40.26	1.76	42.27	1.80
	40	32.23	1.61	34.23	1.67	36.23	1.73	37.67	1.75	40.23	1.79	42.23	1.82
	45	32.20	1.64	34.20	1.70	36.20	1.76	37.65	1.78	40.20	1.81	42.20	1.85
	50	32.18	1.66	34.18	1.72	36.17	1.78	37.62	1.80	40.17	1.83	42.17	1.87
	55	32.15	1.68	34.15	1.74	36.15	1.80	37.59	1.82	40.14	1.86	42.14	1.90
	60	32.13	1.70	34.12	1.76	36.12	1.83	37.56	1.85	40.11	1.88	42.10	1.92
	65	32.10	1.72	34.10	1.78	36.09	1.85	37.53	1.87	40.08	1.91	42.07	1.94
	70	32.08	1.74	34.07	1.81	36.06	1.87	37.50	1.89	40.05	1.93	42.04	1.97
	75	31.31	1.84	33.29	1.90	35.28	1.97	36.72	2.00	39.26	2.03	41.24	2.08
	80	30.53	1.93	32.52	2.00	34.50	2.08	35.93	2.10	38.46	2.14	40.45	2.18
	85	29.77	2.03	31.75	2.10	33.72	2.18	35.15	2.20	37.68	2.24	39.66	2.29
	90	29.00	2.12	30.98	2.20	32.95	2.28	34.37	2.30	36.89	2.35	38.87	2.39
	95	28.17	2.21	30.14	2.29	32.10	2.38	33.00	2.41	36.03	2.45	37.99	2.50
	100	27.49	2.31	29.45	2.39	31.41	2.48	32.57	2.51	35.34	2.56	37.30	2.61
	105	26.80	2.40	28.76	2.49	30.73	2.58	32.14	2.61	34.65	2.66	36.62	2.71
	110	26.12	2.50	28.08	2.59	30.04	2.68	31.46	2.71	33.97	2.76	35.93	2.82
	115	25.43	2.59	27.39	2.68	29.36	2.78	30.77	2.81	33.28	2.87	35.24	2.93
	118	25.02	2.65	26.98	2.74	28.94	2.84	30.36	2.88	32.87	2.93	34.83	2.99
	122	24.88	2.72	26.84	2.82	28.81	2.92	30.22	2.96	32.73	3.01	34.69	3.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 77: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	33.43	1.47	35.50	1.53	37.58	1.58	39.08	1.60	41.73	1.63	43.81	1.66
	0	33.41	1.49	35.48	1.54	37.56	1.60	39.06	1.62	41.71	1.65	43.78	1.68
	5	33.38	1.51	35.45	1.57	37.53	1.63	39.02	1.65	41.67	1.68	43.75	1.71
	10	33.36	1.54	35.43	1.59	37.50	1.65	38.99	1.67	41.64	1.70	43.71	1.74
	14	33.33	1.56	35.40	1.62	37.47	1.68	38.96	1.69	41.61	1.73	43.68	1.76
	20	33.30	1.58	35.37	1.64	37.44	1.70	38.94	1.72	41.58	1.75	43.65	1.79
	25	33.28	1.60	35.35	1.66	37.41	1.72	38.91	1.74	41.55	1.78	43.61	1.81
	30	33.25	1.63	35.32	1.69	37.38	1.75	38.88	1.77	41.51	1.80	43.58	1.84
	35	33.23	1.65	35.29	1.71	37.36	1.77	38.85	1.79	41.48	1.83	43.55	1.86
	40	33.20	1.67	35.27	1.73	37.33	1.80	38.82	1.82	41.45	1.85	43.51	1.89
	45	33.18	1.69	35.24	1.76	37.30	1.82	38.79	1.84	41.42	1.88	43.48	1.91
	50	33.15	1.72	35.21	1.78	37.27	1.84	38.76	1.87	41.39	1.90	43.45	1.94
	55	33.13	1.74	35.18	1.80	37.24	1.87	38.73	1.89	41.36	1.92	43.41	1.96
	60	33.10	1.76	35.16	1.83	37.21	1.89	38.70	1.91	41.32	1.95	43.38	1.99
	65	33.08	1.78	35.13	1.85	37.18	1.92	38.67	1.94	41.29	1.97	43.35	2.01
	70	33.05	1.81	35.10	1.87	37.16	1.94	38.64	1.96	41.26	2.00	43.31	2.04
	75	32.26	1.90	34.30	1.97	36.35	2.04	37.83	2.07	40.45	2.11	42.49	2.15
	80	31.46	2.00	33.50	2.07	35.54	2.15	37.02	2.17	39.63	2.21	41.67	2.26
	85	30.67	2.10	32.71	2.17	34.75	2.25	36.22	2.28	38.82	2.32	40.86	2.37
	90	29.88	2.20	31.92	2.28	33.95	2.36	35.42	2.39	38.01	2.43	40.05	2.48
	95	29.03	2.29	31.05	2.38	33.07	2.46	34.00	2.49	37.12	2.54	39.14	2.59
	100	28.32	2.39	30.34	2.48	32.37	2.57	33.56	2.60	36.41	2.65	38.43	2.70
	105	27.61	2.49	29.64	2.58	31.66	2.67	33.12	2.70	35.70	2.75	37.73	2.81
	110	26.91	2.59	28.93	2.68	30.95	2.78	32.41	2.81	35.00	2.86	37.02	2.92
	115	26.20	2.68	28.22	2.78	30.24	2.88	31.71	2.92	34.29	2.97	36.31	3.03
	118	25.78	2.74	27.80	2.84	29.82	2.94	31.28	2.98	33.87	3.03	35.89	3.10
	122	25.63	2.82	27.66	2.92	29.68	3.03	31.14	3.06	33.72	3.12	35.75	3.18
35	-4	34.41	1.53	36.55	1.58	38.68	1.64	40.23	1.66	42.96	1.69	45.09	1.72
	0	34.39	1.54	36.53	1.60	38.66	1.66	40.21	1.68	42.93	1.71	45.07	1.74
	5	34.36	1.57	36.50	1.62	38.63	1.68	40.17	1.70	42.90	1.74	45.03	1.77
	10	34.34	1.59	36.47	1.65	38.60	1.71	40.14	1.73	42.87	1.76	45.00	1.80
	14	34.31	1.61	36.44	1.67	38.57	1.73	40.11	1.75	42.83	1.79	44.96	1.82
	20	34.28	1.64	36.41	1.70	38.54	1.76	40.08	1.78	42.80	1.81	44.93	1.85
	25	34.26	1.66	36.39	1.72	38.51	1.78	40.05	1.80	42.77	1.84	44.90	1.87
	30	34.23	1.68	36.36	1.74	38.48	1.81	40.02	1.83	42.74	1.86	44.86	1.90
	35	34.21	1.71	36.33	1.77	38.45	1.83	39.99	1.85	42.70	1.89	44.83	1.93
	40	34.18	1.73	36.30	1.79	38.42	1.86	39.96	1.88	42.67	1.91	44.79	1.95
	45	34.15	1.75	36.27	1.82	38.40	1.88	39.93	1.90	42.64	1.94	44.76	1.98
	50	34.13	1.78	36.25	1.84	38.37	1.91	39.90	1.93	42.61	1.97	44.72	2.01
	55	34.10	1.80	36.22	1.86	38.34	1.93	39.87	1.96	42.57	1.99	44.69	2.03
	60	34.07	1.82	36.19	1.89	38.31	1.96	39.84	1.98	42.54	2.02	44.66	2.06
	65	34.05	1.85	36.16	1.91	38.28	1.98	39.81	2.01	42.51	2.04	44.62	2.08
	70	34.02	1.87	36.14	1.94	38.25	2.01	39.77	2.03	42.47	2.07	44.59	2.11
	75	33.20	1.97	35.31	2.04	37.42	2.12	38.94	2.14	41.63	2.18	43.74	2.22
	80	32.39	2.07	34.49	2.15	36.59	2.22	38.11	2.25	40.80	2.29	42.90	2.34
	85	31.57	2.17	33.67	2.25	35.77	2.33	37.28	2.36	39.96	2.40	42.06	2.45
	90	30.76	2.27	32.85	2.36	34.95	2.44	36.46	2.47	39.13	2.52	41.22	2.57
	95	29.88	2.37	31.96	2.46	34.04	2.55	35.00	2.58	38.21	2.63	40.29	2.68
	100	29.15	2.47	31.24	2.56	33.32	2.66	34.55	2.69	37.48	2.74	39.56	2.79
	105	28.43	2.57	30.51	2.67	32.59	2.77	34.09	2.80	36.75	2.85	38.83	2.91
	110	27.70	2.68	29.78	2.77	31.86	2.87	33.37	2.91	36.03	2.96	38.11	3.02
	115	26.97	2.78	29.05	2.88	31.13	2.98	32.64	3.02	35.30	3.07	37.38	3.14
	118	26.53	2.84	28.62	2.94	30.70	3.05	32.20	3.08	34.86	3.14	36.94	3.20
	122	26.39	2.92	28.47	3.02	30.55	3.13	32.06	3.17	34.72	3.23	36.80	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 78: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41
37	-4	36.38	1.63	38.64	1.69	40.89	1.75	42.53	1.77	45.41	1.81	47.67	1.84
	0	36.36	1.65	38.61	1.71	40.87	1.77	42.50	1.79	45.39	1.82	47.65	1.86
	5	36.33	1.68	38.58	1.74	40.84	1.80	42.47	1.82	45.35	1.85	47.61	1.89
	10	36.30	1.70	38.55	1.76	40.81	1.83	42.44	1.85	45.32	1.88	47.57	1.92
	14	36.27	1.72	38.52	1.79	40.78	1.85	42.40	1.87	45.28	1.91	47.53	1.95
	20	36.24	1.75	38.49	1.81	40.75	1.88	42.37	1.90	45.25	1.94	47.50	1.98
	25	36.22	1.77	38.46	1.84	40.71	1.91	42.34	1.93	45.21	1.96	47.46	2.00
	30	36.19	1.80	38.44	1.86	40.68	1.93	42.31	1.96	45.18	1.99	47.43	2.03
	35	36.16	1.82	38.41	1.89	40.65	1.96	42.27	1.98	45.14	2.02	47.39	2.06
	40	36.13	1.85	38.38	1.92	40.62	1.99	42.24	2.01	45.11	2.05	47.35	2.09
	45	36.11	1.87	38.35	1.94	40.59	2.01	42.21	2.04	45.07	2.07	47.32	2.12
	50	36.08	1.90	38.32	1.97	40.56	2.04	42.18	2.06	45.04	2.10	47.28	2.14
	55	36.05	1.92	38.29	1.99	40.53	2.07	42.14	2.09	45.01	2.13	47.24	2.17
	60	36.02	1.95	38.26	2.02	40.50	2.09	42.11	2.12	44.97	2.16	47.21	2.20
	65	35.99	1.97	38.23	2.04	40.47	2.12	42.08	2.14	44.94	2.18	47.17	2.23
	70	35.97	2.00	38.20	2.07	40.43	2.15	42.05	2.17	44.90	2.21	47.14	2.26
	75	35.10	2.11	37.33	2.18	39.56	2.26	41.17	2.29	44.01	2.33	46.24	2.38
	80	34.24	2.21	36.46	2.29	38.68	2.38	40.29	2.40	43.13	2.45	45.35	2.50
	85	33.38	2.32	35.60	2.41	37.81	2.49	39.41	2.52	42.25	2.57	44.46	2.62
	90	32.52	2.43	34.73	2.52	36.94	2.61	38.54	2.64	41.37	2.69	43.58	2.74
	95	31.59	2.54	33.79	2.63	35.99	2.72	37.00	2.76	40.39	2.81	42.59	2.86
	100	30.82	2.64	33.02	2.74	35.22	2.84	36.52	2.87	39.62	2.93	41.82	2.99
	105	30.05	2.75	32.25	2.85	34.45	2.96	36.04	2.99	38.85	3.05	41.05	3.11
	110	29.28	2.86	31.48	2.96	33.68	3.07	35.27	3.11	38.08	3.17	40.28	3.23
	115	28.51	2.97	30.71	3.08	32.91	3.19	34.50	3.22	37.31	3.28	39.52	3.35
	118	28.05	3.03	30.25	3.14	32.45	3.26	34.04	3.29	36.85	3.36	39.05	3.42
	122	27.90	3.12	30.10	3.23	32.30	3.35	33.89	3.39	36.70	3.45	38.90	3.52

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 79: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	37.36	1.68	39.68	1.75	42.00	1.81	43.68	1.83	46.64	1.86	48.96	1.90
	0	37.34	1.70	39.66	1.76	41.98	1.83	43.65	1.85	46.61	1.88	48.93	1.92
	5	37.31	1.73	39.63	1.79	41.94	1.86	43.62	1.88	46.58	1.92	48.89	1.95
	10	37.28	1.76	39.59	1.82	41.91	1.89	43.58	1.91	46.54	1.94	48.86	1.98
	14	37.25	1.78	39.56	1.85	41.88	1.91	43.55	1.94	46.51	1.97	48.82	2.01
	20	37.22	1.81	39.53	1.87	41.85	1.94	43.52	1.96	46.47	2.00	48.78	2.04
	25	37.19	1.83	39.50	1.90	41.81	1.97	43.48	1.99	46.43	2.03	48.74	2.07
	30	37.17	1.86	39.47	1.93	41.78	2.00	43.45	2.02	46.40	2.06	48.71	2.10
	35	37.14	1.88	39.44	1.95	41.75	2.02	43.42	2.05	46.36	2.09	48.67	2.13
	40	37.11	1.91	39.41	1.98	41.72	2.05	43.38	2.07	46.33	2.11	48.63	2.16
	45	37.08	1.93	39.38	2.01	41.69	2.08	43.35	2.10	46.29	2.14	48.60	2.19
	50	37.05	1.96	39.35	2.03	41.65	2.11	43.32	2.13	46.26	2.17	48.56	2.21
	55	37.02	1.99	39.32	2.06	41.62	2.13	43.28	2.16	46.22	2.20	48.52	2.24
	60	37.00	2.01	39.29	2.09	41.59	2.16	43.25	2.19	46.19	2.23	48.48	2.27
	65	36.97	2.04	39.26	2.11	41.56	2.19	43.22	2.21	46.15	2.26	48.45	2.30
	70	36.94	2.06	39.23	2.14	41.53	2.22	43.18	2.24	46.12	2.28	48.41	2.33
	75	36.05	2.17	38.34	2.25	40.63	2.34	42.28	2.36	45.20	2.41	47.49	2.46
	80	35.16	2.29	37.44	2.37	39.73	2.46	41.38	2.48	44.29	2.53	46.57	2.58
	85	34.28	2.40	36.56	2.48	38.83	2.57	40.48	2.60	43.39	2.65	45.67	2.71
	90	33.40	2.51	35.67	2.60	37.94	2.69	39.58	2.73	42.48	2.78	44.76	2.83
	95	32.44	2.62	34.70	2.71	36.96	2.81	38.00	2.85	41.48	2.90	43.74	2.96
	100	31.65	2.73	33.91	2.83	36.17	2.93	37.51	2.97	40.69	3.02	42.95	3.08
	105	30.86	2.84	33.12	2.95	35.38	3.05	37.02	3.09	39.90	3.15	42.16	3.21
	110	30.07	2.95	32.33	3.06	34.59	3.17	36.23	3.21	39.11	3.27	41.37	3.34
	115	29.28	3.06	31.54	3.18	33.80	3.29	35.44	3.33	38.32	3.39	40.58	3.46
	118	28.81	3.13	31.07	3.25	33.33	3.36	34.96	3.40	37.85	3.47	40.11	3.54
	122	28.65	3.22	30.91	3.34	33.17	3.46	34.80	3.50	37.69	3.57	39.95	3.64
39	-4	38.34	1.74	40.72	1.80	43.10	1.87	44.82	1.89	47.87	1.92	50.25	1.96
	0	38.32	1.76	40.70	1.82	43.08	1.89	44.80	1.91	47.84	1.95	50.22	1.98
	5	38.29	1.79	40.67	1.85	43.05	1.92	44.76	1.94	47.80	1.98	50.18	2.02
	10	38.26	1.81	40.64	1.88	43.01	1.95	44.73	1.97	47.77	2.01	50.14	2.05
	14	38.23	1.84	40.61	1.91	42.98	1.98	44.70	2.00	47.73	2.04	50.10	2.08
	20	38.20	1.86	40.57	1.93	42.95	2.00	44.66	2.03	47.69	2.06	50.07	2.11
	25	38.17	1.89	40.54	1.96	42.91	2.03	44.63	2.06	47.66	2.09	50.03	2.14
	30	38.14	1.92	40.51	1.99	42.88	2.06	44.59	2.08	47.62	2.12	49.99	2.17
	35	38.11	1.94	40.48	2.02	42.85	2.09	44.56	2.11	47.58	2.15	49.95	2.20
	40	38.09	1.97	40.45	2.04	42.82	2.12	44.52	2.14	47.55	2.18	49.91	2.23
	45	38.06	2.00	40.42	2.07	42.78	2.15	44.49	2.17	47.51	2.21	49.87	2.26
	50	38.03	2.02	40.39	2.10	42.75	2.17	44.46	2.20	47.47	2.24	49.84	2.29
	55	38.00	2.05	40.36	2.12	42.72	2.20	44.42	2.23	47.44	2.27	49.80	2.31
	60	37.97	2.08	40.33	2.15	42.69	2.23	44.39	2.26	47.40	2.30	49.76	2.34
	65	37.94	2.10	40.30	2.18	42.65	2.26	44.35	2.29	47.36	2.33	49.72	2.37
	70	37.91	2.13	40.27	2.21	42.62	2.29	44.32	2.31	47.33	2.36	49.68	2.40
	75	37.00	2.24	39.35	2.33	41.70	2.41	43.39	2.44	46.39	2.48	48.74	2.53
	80	36.09	2.36	38.43	2.44	40.77	2.53	42.46	2.56	45.46	2.61	47.80	2.66
	85	35.18	2.47	37.52	2.56	39.86	2.66	41.54	2.69	44.53	2.74	46.87	2.79
	90	34.28	2.59	36.61	2.68	38.94	2.78	40.62	2.81	43.60	2.87	45.93	2.92
	95	33.30	2.70	35.62	2.80	37.94	2.90	39.00	2.94	42.58	2.99	44.89	3.05
	100	32.49	2.82	34.81	2.92	37.12	3.03	38.49	3.06	41.76	3.12	44.08	3.18
	105	31.67	2.93	33.99	3.04	36.31	3.15	37.99	3.19	40.95	3.25	43.27	3.31
	110	30.86	3.05	33.18	3.16	35.50	3.27	37.18	3.31	40.14	3.37	42.46	3.44
	115	30.05	3.16	32.37	3.28	34.69	3.40	36.37	3.44	39.33	3.50	41.65	3.57
	118	29.57	3.23	31.89	3.35	34.21	3.47	35.88	3.51	38.85	3.58	41.16	3.65
	122	29.40	3.32	31.72	3.44	34.04	3.57	35.72	3.61	38.68	3.68	41.00	3.75

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 80: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	39.33	1.79	41.77	1.86	44.21	1.93	45.97	1.95	49.09	1.98	51.54	2.02
	0	39.30	1.81	41.74	1.88	44.19	1.95	45.95	1.97	49.07	2.01	51.51	2.05
	5	39.27	1.84	41.71	1.91	44.15	1.98	45.91	2.00	49.03	2.04	51.47	2.08
	10	39.24	1.87	41.68	1.94	44.12	2.01	45.88	2.03	48.99	2.07	51.43	2.11
	14	39.21	1.90	41.65	1.97	44.08	2.04	45.84	2.06	48.95	2.10	51.39	2.14
	20	39.18	1.92	41.62	1.99	44.05	2.07	45.81	2.09	48.92	2.13	51.35	2.17
	25	39.15	1.95	41.58	2.02	44.02	2.10	45.77	2.12	48.88	2.16	51.31	2.20
	30	39.12	1.98	41.55	2.05	43.98	2.13	45.74	2.15	48.84	2.19	51.27	2.23
	35	39.09	2.01	41.52	2.08	43.95	2.15	45.70	2.18	48.80	2.22	51.23	2.26
	40	39.06	2.03	41.49	2.11	43.91	2.18	45.67	2.21	48.77	2.25	51.19	2.30
	45	39.03	2.06	41.46	2.14	43.88	2.21	45.63	2.24	48.73	2.28	51.15	2.33
	50	39.00	2.09	41.42	2.16	43.85	2.24	45.60	2.27	48.69	2.31	51.11	2.36
	55	38.97	2.11	41.39	2.19	43.81	2.27	45.56	2.30	48.65	2.34	51.07	2.39
	60	38.94	2.14	41.36	2.22	43.78	2.30	45.53	2.33	48.62	2.37	51.04	2.42
	65	38.91	2.17	41.33	2.25	43.75	2.33	45.49	2.36	48.58	2.40	51.00	2.45
	70	38.88	2.20	41.30	2.28	43.71	2.36	45.46	2.39	48.54	2.43	50.96	2.48
	75	37.95	2.31	40.36	2.40	42.76	2.49	44.50	2.52	47.58	2.56	49.99	2.61
	80	37.01	2.43	39.41	2.52	41.82	2.61	43.55	2.64	46.62	2.69	49.03	2.75
	85	36.08	2.55	38.48	2.64	40.88	2.74	42.61	2.77	45.67	2.82	48.07	2.88
	90	35.16	2.67	37.55	2.77	39.94	2.87	41.67	2.90	44.72	2.96	47.11	3.02
	95	34.15	2.79	36.53	2.89	38.91	3.00	40.00	3.03	43.67	3.09	46.05	3.15
	100	33.32	2.91	35.70	3.01	38.08	3.12	39.48	3.16	42.84	3.22	45.21	3.28
	105	32.49	3.03	34.87	3.14	37.25	3.25	38.96	3.29	42.00	3.35	44.38	3.42
	110	31.66	3.14	34.03	3.26	36.41	3.38	38.13	3.42	41.17	3.48	43.55	3.55
	115	30.82	3.26	33.20	3.38	35.58	3.50	37.30	3.55	40.34	3.61	42.72	3.68
	118	30.32	3.33	32.70	3.46	35.08	3.58	36.80	3.62	39.84	3.69	42.22	3.76
	122	30.16	3.43	32.54	3.55	34.92	3.68	36.64	3.73	39.68	3.80	42.05	3.87
41	-4	40.31	1.85	42.81	1.92	45.32	1.99	47.12	2.01	50.32	2.05	52.83	2.09
	0	40.29	1.87	42.79	1.94	45.29	2.01	47.10	2.03	50.29	2.07	52.80	2.11
	5	40.25	1.90	42.75	1.97	45.25	2.04	47.06	2.06	50.25	2.10	52.75	2.14
	10	40.22	1.93	42.72	2.00	45.22	2.07	47.02	2.09	50.21	2.13	52.71	2.18
	14	40.19	1.95	42.69	2.03	45.18	2.10	46.99	2.12	50.18	2.16	52.67	2.21
	20	40.16	1.98	42.66	2.06	45.15	2.13	46.95	2.15	50.14	2.20	52.63	2.24
	25	40.13	2.01	42.62	2.08	45.12	2.16	46.92	2.19	50.10	2.23	52.59	2.27
	30	40.10	2.04	42.59	2.11	45.08	2.19	46.88	2.22	50.06	2.26	52.55	2.30
	35	40.07	2.07	42.56	2.14	45.05	2.22	46.84	2.25	50.02	2.29	52.51	2.33
	40	40.04	2.10	42.53	2.17	45.01	2.25	46.81	2.28	49.99	2.32	52.47	2.37
	45	40.01	2.12	42.49	2.20	44.98	2.28	46.77	2.31	49.95	2.35	52.43	2.40
	50	39.98	2.15	42.46	2.23	44.94	2.31	46.74	2.34	49.91	2.38	52.39	2.43
	55	39.95	2.18	42.43	2.26	44.91	2.34	46.70	2.37	49.87	2.41	52.35	2.46
	60	39.92	2.21	42.40	2.29	44.87	2.37	46.66	2.40	49.83	2.44	52.31	2.49
	65	39.89	2.24	42.36	2.32	44.84	2.40	46.63	2.43	49.79	2.48	52.27	2.52
	70	39.85	2.26	42.33	2.35	44.81	2.43	46.59	2.46	49.76	2.51	52.23	2.56
	75	38.90	2.39	41.36	2.47	43.83	2.56	45.62	2.59	48.77	2.64	51.24	2.69
	80	37.94	2.51	40.40	2.60	42.86	2.69	44.64	2.73	47.79	2.78	50.25	2.83
	85	36.99	2.63	39.44	2.73	41.90	2.83	43.67	2.86	46.81	2.91	49.27	2.97
	90	36.04	2.75	38.49	2.85	40.94	2.96	42.71	2.99	45.84	3.05	48.29	3.11
	95	35.00	2.87	37.44	2.98	39.88	3.09	41.00	3.12	44.76	3.18	47.20	3.25
	100	34.15	3.00	36.59	3.11	39.03	3.22	40.47	3.26	43.91	3.32	46.34	3.38
	105	33.30	3.12	35.74	3.23	38.18	3.35	39.94	3.39	43.05	3.45	45.49	3.52
	110	32.45	3.24	34.89	3.36	37.32	3.48	39.09	3.52	42.20	3.59	44.64	3.66
	115	31.59	3.36	34.03	3.49	36.47	3.61	38.23	3.65	41.35	3.72	43.79	3.80
	118	31.08	3.44	33.52	3.56	35.96	3.69	37.72	3.73	40.84	3.80	43.28	3.88
	122	30.91	3.53	33.35	3.66	35.79	3.80	37.55	3.84	40.67	3.91	43.11	3.99

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 81: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11
43	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 82: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
45	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11
	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 83: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11
47	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 84: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11
49	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 85: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
51	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11
	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 86: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
52	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
53	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11
	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 87: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11
55	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 88: KUMXA421A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
56	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 89: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	17.70	0.70	18.80	0.72	19.89	0.75	20.69	0.75	22.09	0.77	23.19	0.78
	0	17.69	0.70	18.79	0.73	19.88	0.75	20.68	0.76	22.08	0.78	23.18	0.79
	5	17.67	0.71	18.77	0.74	19.87	0.76	20.66	0.77	22.06	0.79	23.16	0.80
	10	17.66	0.72	18.76	0.75	19.85	0.78	20.64	0.79	22.05	0.80	23.14	0.82
	14	17.65	0.73	18.74	0.76	19.84	0.79	20.63	0.80	22.03	0.81	23.12	0.83
	20	17.63	0.74	18.73	0.77	19.82	0.80	20.61	0.81	22.01	0.82	23.11	0.84
	25	17.62	0.75	18.71	0.78	19.81	0.81	20.60	0.82	22.00	0.84	23.09	0.85
	30	17.60	0.76	18.70	0.79	19.79	0.82	20.58	0.83	21.98	0.85	23.07	0.87
	35	17.59	0.77	18.68	0.80	19.78	0.83	20.57	0.84	21.96	0.86	23.05	0.88
	40	17.58	0.79	18.67	0.82	19.76	0.85	20.55	0.86	21.94	0.87	23.04	0.89
	45	17.56	0.80	18.66	0.83	19.75	0.86	20.53	0.87	21.93	0.89	23.02	0.90
	50	17.55	0.81	18.64	0.84	19.73	0.87	20.52	0.88	21.91	0.90	23.00	0.92
	55	17.54	0.82	18.63	0.85	19.72	0.88	20.50	0.89	21.89	0.91	22.98	0.93
	60	17.52	0.83	18.61	0.86	19.70	0.89	20.49	0.90	21.88	0.92	22.97	0.94
	65	17.51	0.84	18.60	0.87	19.69	0.91	20.47	0.92	21.86	0.93	22.95	0.95
	70	17.50	0.85	18.58	0.88	19.67	0.92	20.46	0.93	21.84	0.94	22.93	0.96
	75	17.08	0.90	18.16	0.93	19.24	0.96	20.03	0.97	21.41	0.99	22.50	1.01
	80	16.66	0.94	17.74	0.98	18.82	1.01	19.60	1.02	20.98	1.04	22.06	1.06
	85	16.24	0.99	17.32	1.02	18.40	1.06	19.17	1.07	20.55	1.09	21.63	1.12
	90	15.82	1.03	16.90	1.07	17.97	1.11	18.75	1.12	20.12	1.15	21.20	1.17
	95	15.37	1.08	16.44	1.12	17.51	1.16	18.00	1.18	19.65	1.20	20.72	1.22
	100	14.99	1.13	16.06	1.17	17.13	1.21	17.77	1.22	19.28	1.24	20.35	1.27
	105	14.62	1.17	15.69	1.21	16.76	1.26	17.53	1.27	18.90	1.29	19.97	1.32
	110	14.24	1.22	15.32	1.26	16.39	1.31	17.16	1.32	18.53	1.35	19.60	1.38
	115	13.87	1.26	14.94	1.31	16.01	1.36	16.79	1.37	18.15	1.40	19.22	1.43
	118	13.65	1.29	14.72	1.34	15.79	1.39	16.56	1.40	17.93	1.43	19.00	1.46
	122	13.57	1.33	14.64	1.38	15.71	1.43	16.49	1.44	17.85	1.47	18.92	1.50
19	-4	18.68	0.74	19.84	0.76	21.00	0.79	21.84	0.80	23.32	0.81	24.48	0.83
	0	18.67	0.74	19.83	0.77	20.99	0.80	21.83	0.81	23.31	0.82	24.47	0.84
	5	18.65	0.76	19.81	0.78	20.97	0.81	21.81	0.82	23.29	0.84	24.45	0.86
	10	18.64	0.77	19.80	0.79	20.96	0.82	21.79	0.83	23.27	0.85	24.43	0.87
	14	18.63	0.78	19.78	0.81	20.94	0.84	21.77	0.85	23.25	0.86	24.41	0.88
	20	18.61	0.79	19.77	0.82	20.92	0.85	21.76	0.86	23.23	0.88	24.39	0.89
	25	18.60	0.80	19.75	0.83	20.91	0.86	21.74	0.87	23.22	0.89	24.37	0.91
	30	18.58	0.81	19.74	0.84	20.89	0.87	21.72	0.89	23.20	0.90	24.35	0.92
	35	18.57	0.82	19.72	0.85	20.88	0.89	21.71	0.90	23.18	0.91	24.33	0.93
	40	18.55	0.84	19.71	0.87	20.86	0.90	21.69	0.91	23.16	0.93	24.32	0.94
	45	18.54	0.85	19.69	0.88	20.84	0.91	21.67	0.92	23.15	0.94	24.30	0.96
	50	18.53	0.86	19.68	0.89	20.83	0.92	21.66	0.93	23.13	0.95	24.28	0.97
	55	18.51	0.87	19.66	0.90	20.81	0.93	21.64	0.95	23.11	0.96	24.26	0.98
	60	18.50	0.88	19.65	0.91	20.80	0.95	21.63	0.96	23.09	0.97	24.24	0.99
	65	18.48	0.89	19.63	0.93	20.78	0.96	21.61	0.97	23.08	0.99	24.22	1.00
	70	18.47	0.90	19.62	0.94	20.76	0.97	21.59	0.98	23.06	1.00	24.20	1.02
	75	18.02	0.95	19.17	0.99	20.31	1.02	21.14	1.03	22.60	1.05	23.75	1.07
	80	17.58	1.00	18.72	1.03	19.86	1.07	20.69	1.09	22.15	1.11	23.29	1.13
	85	17.14	1.05	18.28	1.09	19.42	1.13	20.24	1.14	21.69	1.16	22.83	1.19
	90	16.70	1.10	17.84	1.14	18.97	1.18	19.79	1.19	21.24	1.21	22.38	1.24
	95	16.22	1.15	17.35	1.19	18.48	1.23	19.00	1.24	20.74	1.27	21.87	1.29
	100	15.83	1.20	16.96	1.24	18.09	1.28	18.75	1.29	20.35	1.32	21.48	1.35
	105	15.43	1.24	16.56	1.29	17.69	1.33	18.51	1.35	19.95	1.38	21.08	1.40
	110	15.04	1.29	16.17	1.34	17.30	1.39	18.11	1.40	19.56	1.43	20.69	1.46
	115	14.64	1.34	15.77	1.39	16.90	1.44	17.72	1.46	19.16	1.48	20.29	1.51
	118	14.40	1.37	15.53	1.42	16.66	1.47	17.48	1.49	18.92	1.51	20.05	1.54
	122	14.33	1.41	15.46	1.46	16.59	1.51	17.40	1.53	18.85	1.56	19.98	1.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 90: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	19.66	0.78	20.88	0.81	22.11	0.84	22.99	0.85	24.55	0.86	25.77	0.88
	0	19.65	0.79	20.87	0.82	22.09	0.85	22.97	0.86	24.53	0.87	25.75	0.89
	5	19.64	0.80	20.86	0.83	22.07	0.86	22.96	0.87	24.51	0.89	25.73	0.91
	10	19.62	0.81	20.84	0.84	22.06	0.87	22.94	0.88	24.50	0.90	25.71	0.92
	14	19.61	0.82	20.82	0.86	22.04	0.89	22.92	0.90	24.48	0.92	25.69	0.93
	20	19.59	0.84	20.81	0.87	22.02	0.90	22.90	0.91	24.46	0.93	25.67	0.95
	25	19.58	0.85	20.79	0.88	22.01	0.91	22.89	0.92	24.44	0.94	25.65	0.96
	30	19.56	0.86	20.78	0.89	21.99	0.93	22.87	0.94	24.42	0.95	25.64	0.97
	35	19.55	0.87	20.76	0.91	21.97	0.94	22.85	0.95	24.40	0.97	25.62	0.98
	40	19.53	0.89	20.74	0.92	21.96	0.95	22.83	0.96	24.38	0.98	25.60	1.00
	45	19.52	0.90	20.73	0.93	21.94	0.96	22.82	0.97	24.36	0.99	25.58	1.01
	50	19.50	0.91	20.71	0.94	21.92	0.97	22.80	0.99	24.35	1.00	25.56	1.02
	55	19.49	0.92	20.70	0.95	21.91	0.99	22.78	1.00	24.33	1.02	25.54	1.04
	60	19.47	0.93	20.68	0.97	21.89	1.00	22.76	1.01	24.31	1.03	25.52	1.05
	65	19.46	0.94	20.66	0.98	21.87	1.01	22.75	1.02	24.29	1.04	25.50	1.06
	70	19.44	0.96	20.65	0.99	21.86	1.02	22.73	1.03	24.27	1.05	25.48	1.08
	75	18.97	1.00	20.18	1.04	21.38	1.08	22.25	1.09	23.79	1.11	25.00	1.14
	80	18.51	1.06	19.71	1.10	20.91	1.14	21.78	1.15	23.31	1.17	24.51	1.20
	85	18.04	1.11	19.24	1.15	20.44	1.19	21.30	1.21	22.84	1.23	24.03	1.25
	90	17.58	1.16	18.77	1.20	19.97	1.25	20.83	1.26	22.36	1.28	23.56	1.31
	95	17.08	1.21	18.26	1.25	19.45	1.30	20.00	1.31	21.83	1.34	23.02	1.37
	100	16.66	1.26	17.85	1.31	19.04	1.36	19.74	1.37	21.42	1.40	22.61	1.43
	105	16.24	1.31	17.43	1.36	18.62	1.41	19.48	1.43	21.00	1.46	22.19	1.48
	110	15.83	1.37	17.02	1.42	18.21	1.47	19.07	1.48	20.59	1.51	21.78	1.54
	115	15.41	1.42	16.60	1.47	17.79	1.52	18.65	1.54	20.17	1.57	21.36	1.60
	118	15.16	1.45	16.35	1.50	17.54	1.55	18.40	1.57	19.92	1.60	21.11	1.64
	122	15.08	1.49	16.27	1.54	17.46	1.60	18.32	1.62	19.84	1.65	21.03	1.68
21	-4	20.65	0.82	21.93	0.85	23.21	0.89	24.14	0.90	25.77	0.91	27.06	0.93
	0	20.63	0.83	21.92	0.86	23.20	0.90	24.12	0.91	25.76	0.92	27.04	0.94
	5	20.62	0.85	21.90	0.88	23.18	0.91	24.10	0.92	25.74	0.94	27.02	0.96
	10	20.60	0.86	21.88	0.89	23.16	0.92	24.08	0.93	25.72	0.95	27.00	0.97
	14	20.59	0.87	21.86	0.90	23.14	0.94	24.07	0.95	25.70	0.96	26.98	0.98
	20	20.57	0.88	21.85	0.92	23.13	0.95	24.05	0.96	25.68	0.98	26.96	1.00
	25	20.55	0.90	21.83	0.93	23.11	0.96	24.03	0.97	25.66	0.99	26.94	1.01
	30	20.54	0.91	21.81	0.94	23.09	0.98	24.01	0.99	25.64	1.00	26.92	1.02
	35	20.52	0.92	21.80	0.95	23.07	0.99	23.99	1.00	25.62	1.02	26.90	1.04
	40	20.51	0.93	21.78	0.97	23.05	1.00	23.97	1.01	25.60	1.03	26.88	1.05
	45	20.49	0.95	21.76	0.98	23.04	1.01	23.96	1.02	25.58	1.04	26.86	1.07
	50	20.48	0.96	21.75	0.99	23.02	1.03	23.94	1.04	25.56	1.06	26.83	1.08
	55	20.46	0.97	21.73	1.00	23.00	1.04	23.92	1.05	25.54	1.07	26.81	1.09
	60	20.44	0.98	21.71	1.02	22.98	1.05	23.90	1.07	25.52	1.09	26.79	1.11
	65	20.43	0.99	21.70	1.03	22.97	1.07	23.88	1.08	25.50	1.10	26.77	1.12
	70	20.41	1.01	21.68	1.04	22.95	1.08	23.86	1.09	25.48	1.12	26.75	1.14
	75	19.92	1.06	21.19	1.10	22.45	1.14	23.36	1.16	24.98	1.18	26.25	1.20
	80	19.43	1.12	20.69	1.16	21.95	1.20	22.87	1.21	24.48	1.24	25.74	1.26
	85	18.94	1.17	20.20	1.21	21.46	1.26	22.37	1.27	23.98	1.29	25.24	1.32
	90	18.46	1.22	19.71	1.27	20.97	1.31	21.87	1.33	23.48	1.35	24.73	1.38
	95	17.93	1.28	19.18	1.32	20.43	1.37	21.00	1.39	22.93	1.42	24.17	1.45
	100	17.49	1.33	18.74	1.38	19.99	1.43	20.73	1.45	22.49	1.48	23.74	1.50
	105	17.06	1.39	18.30	1.44	19.55	1.49	20.46	1.51	22.05	1.53	23.30	1.56
	110	16.62	1.44	17.87	1.49	19.12	1.55	20.02	1.56	21.62	1.59	22.86	1.63
	115	16.18	1.50	17.43	1.55	18.68	1.61	19.58	1.62	21.18	1.66	22.43	1.69
	118	15.92	1.53	17.17	1.58	18.42	1.64	19.32	1.66	20.92	1.69	22.17	1.73
	122	15.83	1.57	17.08	1.63	18.33	1.69	19.23	1.71	20.83	1.74	22.08	1.77

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 91: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	21.63	0.87	22.97	0.90	24.32	0.93	25.29	0.94	27.00	0.96	28.35	0.98
	0	21.62	0.88	22.96	0.91	24.30	0.94	25.27	0.95	26.99	0.97	28.33	0.99
	5	21.60	0.89	22.94	0.92	24.28	0.96	25.25	0.97	26.97	0.98	28.31	1.00
	10	21.58	0.91	22.92	0.94	24.26	0.97	25.23	0.98	26.94	1.00	28.29	1.02
	14	21.57	0.92	22.91	0.95	24.25	0.98	25.21	0.99	26.92	1.01	28.26	1.03
	20	21.55	0.93	22.89	0.96	24.23	1.00	25.19	1.01	26.90	1.03	28.24	1.05
	25	21.53	0.94	22.87	0.98	24.21	1.01	25.17	1.02	26.88	1.04	28.22	1.06
	30	21.52	0.96	22.85	0.99	24.19	1.02	25.15	1.04	26.86	1.06	28.20	1.08
	35	21.50	0.97	22.84	1.00	24.17	1.04	25.14	1.05	26.84	1.07	28.18	1.09
	40	21.48	0.98	22.82	1.02	24.15	1.05	25.12	1.07	26.82	1.09	28.16	1.11
	45	21.47	0.99	22.80	1.03	24.13	1.07	25.10	1.08	26.80	1.10	28.13	1.12
	50	21.45	1.01	22.78	1.04	24.12	1.08	25.08	1.09	26.78	1.12	28.11	1.14
	55	21.43	1.02	22.77	1.06	24.10	1.10	25.06	1.11	26.76	1.13	28.09	1.15
	60	21.42	1.03	22.75	1.07	24.08	1.11	25.04	1.12	26.74	1.15	28.07	1.17
	65	21.40	1.05	22.73	1.08	24.06	1.13	25.02	1.14	26.72	1.16	28.05	1.19
	70	21.39	1.06	22.71	1.10	24.04	1.14	25.00	1.15	26.70	1.18	28.03	1.20
	75	20.87	1.12	22.20	1.16	23.52	1.20	24.48	1.22	26.17	1.24	27.50	1.26
	80	20.36	1.18	21.68	1.22	23.00	1.26	23.95	1.28	25.64	1.30	26.96	1.32
	85	19.85	1.23	21.16	1.28	22.48	1.32	23.44	1.34	25.12	1.36	26.44	1.39
	90	19.34	1.29	20.65	1.33	21.97	1.39	22.92	1.40	24.60	1.43	25.91	1.46
	95	18.78	1.35	20.09	1.40	21.40	1.45	22.00	1.46	24.02	1.49	25.33	1.52
	100	18.33	1.40	19.63	1.46	20.94	1.51	21.71	1.52	23.56	1.55	24.87	1.58
	105	17.87	1.46	19.18	1.51	20.48	1.57	21.43	1.58	23.10	1.62	24.41	1.65
	110	17.41	1.52	18.72	1.57	20.03	1.63	20.97	1.65	22.64	1.68	23.95	1.72
	115	16.95	1.57	18.26	1.63	19.57	1.69	20.52	1.71	22.19	1.74	23.50	1.78
	118	16.68	1.61	17.99	1.67	19.30	1.73	20.24	1.75	21.91	1.78	23.22	1.81
	122	16.59	1.66	17.90	1.72	19.20	1.78	20.15	1.80	21.82	1.83	23.13	1.87
23	-4	22.61	0.91	24.02	0.95	25.42	0.98	26.44	0.99	28.23	1.01	29.63	1.03
	0	22.60	0.92	24.00	0.95	25.41	0.99	26.42	1.00	28.21	1.02	29.62	1.04
	5	22.58	0.94	23.98	0.97	25.39	1.00	26.40	1.01	28.19	1.03	29.59	1.05
	10	22.56	0.95	23.97	0.98	25.37	1.02	26.38	1.03	28.17	1.05	29.57	1.07
	14	22.55	0.96	23.95	1.00	25.35	1.03	26.36	1.04	28.15	1.06	29.55	1.09
	20	22.53	0.98	23.93	1.01	25.33	1.05	26.34	1.06	28.13	1.08	29.53	1.10
	25	22.51	0.99	23.91	1.02	25.31	1.06	26.32	1.07	28.10	1.10	29.50	1.12
	30	22.50	1.00	23.89	1.04	25.29	1.08	26.30	1.09	28.08	1.11	29.48	1.13
	35	22.48	1.02	23.87	1.05	25.27	1.09	26.28	1.11	28.06	1.13	29.46	1.15
	40	22.46	1.03	23.86	1.07	25.25	1.11	26.26	1.12	28.04	1.14	29.44	1.17
	45	22.44	1.04	23.84	1.08	25.23	1.12	26.24	1.14	28.02	1.16	29.41	1.18
	50	22.43	1.06	23.82	1.10	25.21	1.14	26.22	1.15	28.00	1.17	29.39	1.20
	55	22.41	1.07	23.80	1.11	25.19	1.15	26.20	1.17	27.98	1.19	29.37	1.21
	60	22.39	1.09	23.78	1.13	25.17	1.17	26.18	1.18	27.95	1.20	29.35	1.23
	65	22.37	1.10	23.76	1.14	25.15	1.18	26.16	1.20	27.93	1.22	29.32	1.24
	70	22.36	1.11	23.75	1.16	25.13	1.20	26.14	1.21	27.91	1.23	29.30	1.26
	75	21.82	1.18	23.20	1.22	24.59	1.26	25.59	1.28	27.36	1.30	28.75	1.32
	80	21.28	1.24	22.66	1.28	24.04	1.32	25.04	1.34	26.81	1.37	28.19	1.39
	85	20.75	1.29	22.13	1.34	23.50	1.39	24.50	1.41	26.26	1.43	27.64	1.46
	90	20.22	1.35	21.59	1.40	22.96	1.46	23.96	1.47	25.71	1.50	27.09	1.53
	95	19.64	1.42	21.00	1.47	22.37	1.52	23.00	1.54	25.11	1.56	26.48	1.60
	100	19.16	1.48	20.53	1.53	21.89	1.58	22.70	1.60	24.63	1.63	26.00	1.67
	105	18.68	1.53	20.05	1.59	21.42	1.65	22.40	1.67	24.15	1.70	25.52	1.73
	110	18.20	1.59	19.57	1.65	20.94	1.72	21.93	1.73	23.67	1.77	25.04	1.80
	115	17.72	1.65	19.09	1.72	20.46	1.78	21.45	1.80	23.20	1.83	24.56	1.87
	118	17.44	1.69	18.80	1.75	20.17	1.81	21.16	1.83	22.91	1.87	24.28	1.91
	122	17.34	1.74	18.71	1.80	20.08	1.87	21.07	1.89	22.81	1.93	24.18	1.97

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 92: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	23.60	0.96	25.06	0.99	26.53	1.02	27.58	1.04	29.46	1.05	30.92	1.08
	0	23.58	0.97	25.05	1.00	26.51	1.03	27.57	1.05	29.44	1.07	30.91	1.09
	5	23.56	0.98	25.03	1.02	26.49	1.05	27.55	1.06	29.42	1.08	30.88	1.11
	10	23.55	1.00	25.01	1.03	26.47	1.07	27.53	1.08	29.39	1.10	30.86	1.12
	14	23.53	1.01	24.99	1.04	26.45	1.08	27.50	1.10	29.37	1.12	30.83	1.14
	20	23.51	1.02	24.97	1.06	26.43	1.10	27.48	1.11	29.35	1.13	30.81	1.16
	25	23.49	1.04	24.95	1.07	26.41	1.12	27.46	1.13	29.33	1.15	30.79	1.17
	30	23.47	1.05	24.93	1.09	26.39	1.13	27.44	1.15	29.30	1.17	30.76	1.19
	35	23.46	1.07	24.91	1.11	26.37	1.15	27.42	1.16	29.28	1.18	30.74	1.21
	40	23.44	1.08	24.89	1.12	26.35	1.16	27.40	1.18	29.26	1.20	30.72	1.22
	45	23.42	1.10	24.87	1.14	26.33	1.18	27.38	1.19	29.24	1.22	30.69	1.24
	50	23.40	1.11	24.85	1.15	26.31	1.20	27.36	1.21	29.21	1.23	30.67	1.25
	55	23.38	1.13	24.84	1.17	26.29	1.21	27.34	1.22	29.19	1.25	30.64	1.27
	60	23.37	1.14	24.82	1.18	26.27	1.23	27.32	1.24	29.17	1.26	30.62	1.29
	65	23.35	1.16	24.80	1.20	26.25	1.24	27.29	1.25	29.15	1.28	30.60	1.30
	70	23.33	1.17	24.78	1.21	26.23	1.26	27.27	1.27	29.13	1.29	30.57	1.32
	75	22.77	1.23	24.21	1.28	25.66	1.32	26.70	1.34	28.55	1.36	29.99	1.39
	80	22.21	1.29	23.65	1.34	25.09	1.39	26.13	1.41	27.97	1.43	29.42	1.46
	85	21.65	1.36	23.09	1.41	24.53	1.46	25.57	1.48	27.40	1.50	28.84	1.53
	90	21.09	1.42	22.53	1.47	23.96	1.53	25.00	1.54	26.83	1.57	28.27	1.60
	95	20.49	1.48	21.92	1.54	23.35	1.59	24.00	1.61	26.20	1.64	27.63	1.68
	100	19.99	1.55	21.42	1.60	22.85	1.66	23.69	1.68	25.70	1.71	27.13	1.75
	105	19.49	1.61	20.92	1.67	22.35	1.73	23.38	1.75	25.20	1.78	26.63	1.82
	110	18.99	1.67	20.42	1.74	21.85	1.80	22.88	1.82	24.70	1.85	26.13	1.89
	115	18.49	1.74	19.92	1.80	21.35	1.86	22.38	1.88	24.20	1.92	25.63	1.96
	118	18.19	1.77	19.62	1.84	21.05	1.90	22.08	1.93	23.90	1.96	25.33	2.00
	122	18.10	1.82	19.52	1.89	20.95	1.96	21.98	1.98	23.81	2.02	25.23	2.06
25	-4	24.58	1.00	26.10	1.03	27.63	1.07	28.73	1.08	30.68	1.11	32.21	1.13
	0	24.57	1.01	26.09	1.05	27.62	1.08	28.72	1.10	30.67	1.12	32.19	1.14
	5	24.54	1.03	26.07	1.06	27.59	1.10	28.69	1.12	30.64	1.14	32.17	1.16
	10	24.53	1.04	26.05	1.08	27.57	1.12	28.67	1.13	30.62	1.15	32.14	1.18
	14	24.51	1.05	26.03	1.09	27.55	1.14	28.65	1.15	30.60	1.17	32.12	1.20
	20	24.49	1.07	26.01	1.11	27.53	1.15	28.63	1.17	30.57	1.19	32.09	1.21
	25	24.47	1.09	25.99	1.13	27.51	1.17	28.61	1.18	30.55	1.21	32.07	1.23
	30	24.45	1.10	25.97	1.14	27.49	1.19	28.59	1.20	30.53	1.22	32.04	1.25
	35	24.43	1.12	25.95	1.16	27.47	1.20	28.56	1.22	30.50	1.24	32.02	1.26
	40	24.41	1.13	25.93	1.18	27.45	1.22	28.54	1.23	30.48	1.25	32.00	1.28
	45	24.40	1.15	25.91	1.19	27.43	1.23	28.52	1.25	30.46	1.27	31.97	1.29
	50	24.38	1.16	25.89	1.21	27.40	1.25	28.50	1.26	30.43	1.29	31.95	1.31
	55	24.36	1.18	25.87	1.22	27.38	1.27	28.48	1.28	30.41	1.30	31.92	1.33
	60	24.34	1.20	25.85	1.24	27.36	1.28	28.45	1.30	30.39	1.32	31.90	1.35
	65	24.32	1.21	25.83	1.25	27.34	1.30	28.43	1.31	30.36	1.34	31.87	1.36
	70	24.30	1.23	25.81	1.27	27.32	1.31	28.41	1.33	30.34	1.35	31.85	1.38
	75	23.72	1.29	25.22	1.33	26.73	1.39	27.82	1.40	29.74	1.43	31.24	1.46
	80	23.13	1.35	24.63	1.41	26.14	1.46	27.22	1.47	29.14	1.50	30.64	1.53
	85	22.55	1.42	24.05	1.48	25.55	1.53	26.63	1.54	28.54	1.57	30.04	1.60
	90	21.97	1.49	23.47	1.54	24.96	1.60	26.04	1.61	27.95	1.65	29.44	1.68
	95	21.34	1.55	22.83	1.61	24.32	1.67	25.00	1.69	27.29	1.72	28.78	1.76
	100	20.82	1.62	22.31	1.68	23.80	1.74	24.68	1.76	26.77	1.79	28.26	1.83
	105	20.30	1.69	21.79	1.75	23.28	1.81	24.35	1.83	26.25	1.86	27.74	1.90
	110	19.78	1.75	21.27	1.81	22.76	1.88	23.83	1.90	25.73	1.94	27.22	1.98
	115	19.26	1.82	20.75	1.88	22.24	1.95	23.31	1.98	25.21	2.01	26.70	2.05
	118	18.95	1.85	20.44	1.92	21.93	2.00	23.00	2.02	24.90	2.05	26.39	2.09
	122	18.85	1.91	20.34	1.98	21.82	2.05	22.90	2.07	24.80	2.11	26.28	2.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 93: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	25.56	1.04	27.15	1.08	28.74	1.12	29.88	1.14	31.91	1.16	33.50	1.18
	0	25.55	1.05	27.13	1.09	28.72	1.13	29.87	1.15	31.89	1.17	33.48	1.19
	5	25.53	1.07	27.11	1.11	28.70	1.15	29.84	1.17	31.87	1.19	33.45	1.21
	10	25.51	1.09	27.09	1.13	28.68	1.17	29.82	1.19	31.84	1.21	33.43	1.23
	14	25.49	1.10	27.07	1.15	28.65	1.19	29.80	1.20	31.82	1.22	33.40	1.25
	20	25.47	1.12	27.05	1.16	28.63	1.21	29.77	1.22	31.80	1.24	33.38	1.27
	25	25.45	1.14	27.03	1.18	28.61	1.22	29.75	1.24	31.77	1.26	33.35	1.28
	30	25.43	1.15	27.01	1.20	28.59	1.24	29.73	1.25	31.75	1.28	33.33	1.30
	35	25.41	1.17	26.99	1.21	28.57	1.26	29.71	1.27	31.72	1.29	33.30	1.32
	40	25.39	1.19	26.97	1.23	28.54	1.27	29.68	1.29	31.70	1.31	33.27	1.33
	45	25.37	1.20	26.95	1.24	28.52	1.29	29.66	1.30	31.67	1.33	33.25	1.35
	50	25.35	1.22	26.93	1.26	28.50	1.30	29.64	1.32	31.65	1.34	33.22	1.37
	55	25.33	1.23	26.91	1.28	28.48	1.32	29.61	1.34	31.63	1.36	33.20	1.39
	60	25.31	1.25	26.88	1.29	28.46	1.34	29.59	1.35	31.60	1.38	33.17	1.41
	65	25.29	1.26	26.86	1.31	28.43	1.36	29.57	1.37	31.58	1.40	33.15	1.43
	70	25.27	1.28	26.84	1.32	28.41	1.37	29.55	1.39	31.55	1.42	33.12	1.45
	75	24.67	1.35	26.23	1.40	27.80	1.45	28.93	1.47	30.93	1.49	32.49	1.52
	80	24.06	1.42	25.62	1.47	27.18	1.52	28.31	1.54	30.31	1.57	31.87	1.60
	85	23.45	1.49	25.01	1.54	26.57	1.59	27.70	1.61	29.69	1.64	31.24	1.68
	90	22.85	1.55	24.41	1.61	25.96	1.67	27.08	1.69	29.07	1.72	30.62	1.76
	95	22.20	1.62	23.74	1.68	25.29	1.75	26.00	1.77	28.38	1.80	29.93	1.83
	100	21.66	1.69	23.20	1.76	24.75	1.82	25.66	1.84	27.84	1.87	29.39	1.91
	105	21.12	1.76	22.66	1.82	24.21	1.89	25.33	1.91	27.30	1.95	28.85	1.99
	110	20.58	1.83	22.12	1.90	23.67	1.97	24.79	1.99	26.76	2.03	28.31	2.07
	115	20.04	1.90	21.58	1.97	23.13	2.04	24.25	2.06	26.22	2.10	27.77	2.14
	118	19.71	1.94	21.26	2.01	22.80	2.08	23.92	2.11	25.90	2.15	27.44	2.19
	122	19.60	2.00	21.15	2.07	22.70	2.14	23.81	2.17	25.79	2.21	27.34	2.26
27	-4	26.54	1.09	28.19	1.13	29.84	1.17	31.03	1.19	33.14	1.21	34.79	1.23
	0	26.53	1.10	28.18	1.14	29.83	1.19	31.02	1.20	33.12	1.22	34.77	1.25
	5	26.51	1.12	28.15	1.16	29.80	1.21	30.99	1.22	33.09	1.24	34.74	1.27
	10	26.49	1.14	28.13	1.18	29.78	1.22	30.97	1.24	33.07	1.26	34.71	1.28
	14	26.47	1.15	28.11	1.20	29.76	1.24	30.94	1.25	33.04	1.28	34.69	1.30
	20	26.45	1.17	28.09	1.21	29.73	1.26	30.92	1.27	33.02	1.29	34.66	1.32
	25	26.43	1.19	28.07	1.23	29.71	1.27	30.90	1.29	32.99	1.31	34.63	1.34
	30	26.41	1.21	28.05	1.25	29.69	1.29	30.87	1.31	32.97	1.33	34.61	1.36
	35	26.39	1.22	28.03	1.26	29.66	1.31	30.85	1.32	32.94	1.35	34.58	1.38
	40	26.37	1.24	28.00	1.28	29.64	1.33	30.82	1.34	32.92	1.37	34.55	1.40
	45	26.35	1.25	27.98	1.30	29.62	1.34	30.80	1.36	32.89	1.39	34.53	1.41
	50	26.33	1.27	27.96	1.31	29.60	1.36	30.78	1.38	32.87	1.40	34.50	1.43
	55	26.31	1.29	27.94	1.33	29.57	1.38	30.75	1.40	32.84	1.42	34.48	1.45
	60	26.29	1.30	27.92	1.35	29.55	1.40	30.73	1.42	32.82	1.44	34.45	1.47
	65	26.27	1.32	27.90	1.37	29.53	1.42	30.71	1.43	32.79	1.46	34.42	1.49
	70	26.25	1.33	27.88	1.38	29.51	1.44	30.68	1.45	32.77	1.48	34.40	1.51
	75	25.61	1.41	27.24	1.46	28.87	1.51	30.04	1.53	32.12	1.56	33.74	1.59
	80	24.98	1.48	26.60	1.53	28.23	1.59	29.40	1.60	31.47	1.64	33.09	1.67
	85	24.36	1.55	25.97	1.61	27.59	1.67	28.76	1.69	30.83	1.72	32.45	1.75
	90	23.73	1.62	25.34	1.68	26.96	1.75	28.12	1.77	30.19	1.80	31.80	1.83
	95	23.05	1.70	24.66	1.76	26.26	1.82	27.00	1.84	29.48	1.87	31.08	1.91
	100	22.49	1.77	24.10	1.83	25.70	1.90	26.65	1.92	28.91	1.96	30.52	2.00
	105	21.93	1.84	23.53	1.90	25.14	1.98	26.30	2.00	28.35	2.04	29.96	2.08
	110	21.37	1.91	22.97	1.98	24.58	2.05	25.74	2.08	27.79	2.11	29.40	2.16
	115	20.81	1.98	22.41	2.06	24.02	2.13	25.18	2.15	27.23	2.19	28.84	2.24
	118	20.47	2.03	22.08	2.10	23.68	2.18	24.84	2.20	26.89	2.24	28.50	2.29
	122	20.36	2.08	21.96	2.16	23.57	2.24	24.73	2.27	26.78	2.31	28.39	2.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 94: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	27.53	1.14	29.24	1.18	30.95	1.22	32.18	1.24	34.37	1.26	36.08	1.28
	0	27.51	1.15	29.22	1.19	30.93	1.24	32.16	1.25	34.35	1.27	36.06	1.30
	5	27.49	1.17	29.20	1.21	30.90	1.26	32.14	1.27	34.32	1.29	36.03	1.32
	10	27.47	1.19	29.18	1.23	30.88	1.27	32.11	1.29	34.29	1.31	36.00	1.34
	14	27.45	1.20	29.15	1.25	30.86	1.29	32.09	1.31	34.27	1.33	35.97	1.36
	20	27.43	1.22	29.13	1.26	30.83	1.31	32.06	1.32	34.24	1.35	35.94	1.38
	25	27.41	1.24	29.11	1.28	30.81	1.33	32.04	1.34	34.21	1.37	35.92	1.40
	30	27.39	1.26	29.09	1.30	30.79	1.34	32.02	1.36	34.19	1.39	35.89	1.42
	35	27.36	1.27	29.06	1.32	30.76	1.36	31.99	1.38	34.16	1.41	35.86	1.44
	40	27.34	1.29	29.04	1.33	30.74	1.38	31.97	1.40	34.14	1.43	35.83	1.46
	45	27.32	1.30	29.02	1.35	30.72	1.40	31.94	1.42	34.11	1.45	35.81	1.48
	50	27.30	1.32	29.00	1.37	30.69	1.42	31.92	1.44	34.08	1.47	35.78	1.50
	55	27.28	1.34	28.98	1.39	30.67	1.44	31.89	1.46	34.06	1.49	35.75	1.51
	60	27.26	1.36	28.95	1.41	30.65	1.46	31.87	1.48	34.03	1.50	35.72	1.53
	65	27.24	1.37	28.93	1.43	30.62	1.48	31.84	1.50	34.01	1.52	35.70	1.55
	70	27.22	1.39	28.91	1.44	30.60	1.50	31.82	1.51	33.98	1.54	35.67	1.57
	75	26.56	1.47	28.25	1.52	29.94	1.57	31.15	1.59	33.31	1.62	34.99	1.66
	80	25.91	1.54	27.59	1.60	29.27	1.66	30.49	1.68	32.64	1.71	34.32	1.74
	85	25.26	1.61	26.94	1.68	28.61	1.74	29.83	1.76	31.97	1.79	33.65	1.83
	90	24.61	1.69	26.28	1.76	27.96	1.82	29.17	1.84	31.30	1.87	32.98	1.91
	95	23.91	1.77	25.57	1.83	27.24	1.90	28.00	1.92	30.57	1.96	32.23	2.00
	100	23.32	1.84	24.99	1.91	26.65	1.98	27.64	2.00	29.98	2.04	31.65	2.08
	105	22.74	1.92	24.41	1.99	26.07	2.06	27.27	2.08	29.40	2.12	31.07	2.16
	110	22.16	1.99	23.82	2.07	25.49	2.14	26.69	2.16	28.82	2.20	30.49	2.25
	115	21.58	2.07	23.24	2.14	24.91	2.22	26.11	2.25	28.24	2.29	29.90	2.33
	118	21.23	2.11	22.89	2.19	24.56	2.27	25.76	2.30	27.89	2.34	29.55	2.38
	122	21.11	2.17	22.78	2.25	24.44	2.33	25.64	2.36	27.77	2.40	29.44	2.45
29	-4	28.51	1.19	30.28	1.23	32.05	1.27	33.33	1.29	35.59	1.31	37.36	1.33
	0	28.50	1.20	30.27	1.24	32.03	1.29	33.31	1.30	35.57	1.32	37.34	1.35
	5	28.47	1.22	30.24	1.26	32.01	1.31	33.29	1.32	35.54	1.34	37.31	1.37
	10	28.45	1.24	30.22	1.28	31.98	1.32	33.26	1.34	35.52	1.36	37.28	1.39
	14	28.43	1.25	30.19	1.30	31.96	1.34	33.23	1.36	35.49	1.38	37.26	1.41
	20	28.41	1.27	30.17	1.32	31.94	1.36	33.21	1.38	35.46	1.41	37.23	1.43
	25	28.39	1.29	30.15	1.33	31.91	1.38	33.18	1.40	35.44	1.43	37.20	1.46
	30	28.36	1.31	30.13	1.35	31.89	1.40	33.16	1.42	35.41	1.45	37.17	1.48
	35	28.34	1.32	30.10	1.37	31.86	1.42	33.13	1.44	35.38	1.47	37.14	1.50
	40	28.32	1.34	30.08	1.39	31.84	1.44	33.11	1.46	35.36	1.49	37.11	1.52
	45	28.30	1.36	30.06	1.41	31.81	1.46	33.08	1.48	35.33	1.51	37.09	1.54
	50	28.28	1.38	30.03	1.43	31.79	1.48	33.06	1.50	35.30	1.53	37.06	1.56
	55	28.26	1.39	30.01	1.45	31.76	1.50	33.03	1.52	35.27	1.55	37.03	1.58
	60	28.23	1.41	29.99	1.47	31.74	1.52	33.01	1.54	35.25	1.56	37.00	1.59
	65	28.21	1.43	29.96	1.49	31.72	1.54	32.98	1.56	35.22	1.58	36.97	1.61
	70	28.19	1.45	29.94	1.50	31.69	1.56	32.96	1.57	35.19	1.60	36.94	1.63
	75	27.51	1.53	29.26	1.58	31.00	1.64	32.27	1.66	34.50	1.69	36.24	1.73
	80	26.83	1.60	28.58	1.66	30.32	1.73	31.58	1.75	33.80	1.78	35.54	1.81
	85	26.16	1.68	27.90	1.75	29.64	1.81	30.89	1.83	33.11	1.86	34.85	1.90
	90	25.49	1.76	27.22	1.83	28.96	1.89	30.21	1.91	32.42	1.95	34.16	1.99
	95	24.76	1.84	26.48	1.90	28.21	1.98	29.00	2.00	31.66	2.04	33.38	2.08
	100	24.16	1.92	25.88	1.99	27.61	2.06	28.62	2.08	31.06	2.12	32.78	2.16
	105	23.55	2.00	25.28	2.07	27.00	2.14	28.25	2.17	30.45	2.21	32.18	2.25
	110	22.95	2.07	24.68	2.15	26.40	2.23	27.65	2.25	29.85	2.30	31.57	2.34
	115	22.35	2.15	24.07	2.23	25.80	2.31	27.04	2.34	29.25	2.38	30.97	2.43
	118	21.99	2.20	23.71	2.28	25.44	2.36	26.68	2.39	28.88	2.43	30.61	2.48
	122	21.86	2.26	23.59	2.34	25.31	2.43	26.56	2.46	28.76	2.50	30.49	2.56

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 95: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	29.49	1.23	31.33	1.28	33.16	1.32	34.48	1.34	36.82	1.36	38.65	1.39
	0	29.48	1.25	31.31	1.29	33.14	1.34	34.46	1.35	36.80	1.38	38.63	1.40
	5	29.45	1.27	31.28	1.31	33.11	1.36	34.43	1.37	36.77	1.40	38.60	1.43
	10	29.43	1.28	31.26	1.33	33.09	1.38	34.41	1.39	36.74	1.42	38.57	1.45
	14	29.41	1.30	31.24	1.35	33.06	1.40	34.38	1.41	36.71	1.44	38.54	1.47
	20	29.39	1.32	31.21	1.37	33.04	1.42	34.35	1.44	36.69	1.46	38.51	1.49
	25	29.36	1.34	31.19	1.39	33.01	1.44	34.33	1.46	36.66	1.48	38.48	1.51
	30	29.34	1.36	31.16	1.41	32.99	1.46	34.30	1.48	36.63	1.51	38.45	1.53
	35	29.32	1.37	31.14	1.43	32.96	1.48	34.28	1.50	36.60	1.53	38.42	1.55
	40	29.30	1.39	31.12	1.45	32.94	1.50	34.25	1.52	36.57	1.55	38.39	1.58
	45	29.27	1.41	31.09	1.47	32.91	1.52	34.22	1.54	36.55	1.57	38.36	1.60
	50	29.25	1.43	31.07	1.49	32.89	1.54	34.20	1.56	36.52	1.58	38.34	1.62
	55	29.23	1.45	31.04	1.51	32.86	1.56	34.17	1.58	36.49	1.60	38.31	1.64
	60	29.21	1.47	31.02	1.53	32.83	1.58	34.14	1.60	36.46	1.62	38.28	1.66
	65	29.18	1.49	31.00	1.54	32.81	1.60	34.12	1.62	36.43	1.65	38.25	1.68
	70	29.16	1.51	30.97	1.56	32.78	1.62	34.09	1.64	36.41	1.67	38.22	1.70
	75	28.46	1.59	30.27	1.64	32.07	1.71	33.38	1.73	35.69	1.76	37.49	1.80
	80	27.76	1.67	29.56	1.73	31.36	1.80	32.66	1.82	34.97	1.85	36.77	1.88
	85	27.06	1.75	28.86	1.82	30.66	1.88	31.96	1.90	34.25	1.94	36.05	1.98
	90	26.37	1.83	28.16	1.90	29.95	1.97	31.25	1.99	33.54	2.03	35.33	2.07
	95	25.61	1.91	27.40	1.98	29.18	2.06	30.00	2.08	32.75	2.12	34.53	2.16
	100	24.99	2.00	26.77	2.07	28.56	2.14	29.61	2.16	32.13	2.21	33.91	2.25
	105	24.37	2.08	26.15	2.15	27.93	2.23	29.22	2.26	31.50	2.30	33.29	2.35
31	110	23.74	2.15	25.53	2.24	27.31	2.32	28.60	2.34	30.88	2.39	32.66	2.43
	115	23.12	2.24	24.90	2.32	26.69	2.40	27.98	2.43	30.26	2.48	32.04	2.53
	118	22.74	2.29	24.53	2.37	26.31	2.45	27.60	2.48	29.88	2.53	31.67	2.58
	122	22.62	2.35	24.40	2.44	26.19	2.53	27.48	2.56	29.76	2.60	31.54	2.66
	-4	30.48	1.28	32.37	1.32	34.26	1.37	35.63	1.39	38.05	1.41	39.94	1.44
	0	30.46	1.29	32.35	1.34	34.24	1.39	35.61	1.40	38.03	1.43	39.92	1.46
	5	30.44	1.31	32.33	1.36	34.22	1.41	35.58	1.43	38.00	1.45	39.89	1.49
	10	30.41	1.33	32.30	1.38	34.19	1.43	35.55	1.45	37.97	1.48	39.86	1.51
	14	30.39	1.35	32.28	1.40	34.16	1.45	35.53	1.47	37.94	1.50	39.83	1.53
	20	30.37	1.37	32.25	1.42	34.14	1.48	35.50	1.49	37.91	1.52	39.80	1.55
	25	30.34	1.39	32.23	1.44	34.11	1.50	35.47	1.51	37.88	1.54	39.77	1.57
	30	30.32	1.41	32.20	1.46	34.09	1.52	35.45	1.53	37.85	1.56	39.73	1.59
	35	30.30	1.43	32.18	1.48	34.06	1.54	35.42	1.55	37.82	1.58	39.70	1.61
	40	30.27	1.45	32.15	1.50	34.03	1.56	35.39	1.57	37.79	1.60	39.67	1.63
	45	30.25	1.47	32.13	1.52	34.01	1.58	35.36	1.60	37.76	1.62	39.64	1.66
	50	30.23	1.49	32.10	1.54	33.98	1.60	35.34	1.62	37.74	1.65	39.61	1.68
	55	30.20	1.51	32.08	1.56	33.96	1.62	35.31	1.64	37.71	1.67	39.58	1.70
	60	30.18	1.53	32.05	1.58	33.93	1.64	35.28	1.66	37.68	1.69	39.55	1.73
	65	30.16	1.55	32.03	1.60	33.90	1.66	35.26	1.68	37.65	1.71	39.52	1.75
	70	30.13	1.57	32.01	1.62	33.88	1.68	35.23	1.70	37.62	1.73	39.49	1.77
	75	29.41	1.65	31.28	1.71	33.14	1.78	34.49	1.80	36.88	1.83	38.74	1.86
	80	28.68	1.74	30.55	1.80	32.41	1.86	33.75	1.88	36.13	1.92	38.00	1.96
	85	27.97	1.82	29.82	1.88	31.68	1.95	33.02	1.98	35.40	2.01	37.25	2.06
	90	27.25	1.90	29.10	1.97	30.95	2.05	32.29	2.07	34.66	2.11	36.51	2.15
	95	26.47	1.99	28.31	2.06	30.15	2.13	31.00	2.16	33.84	2.20	35.69	2.24
	100	25.82	2.07	27.67	2.15	29.51	2.22	30.60	2.25	33.20	2.30	35.04	2.34
	105	25.18	2.15	27.02	2.23	28.87	2.32	30.20	2.34	32.55	2.39	34.40	2.43
	110	24.53	2.24	26.38	2.32	28.22	2.41	29.55	2.43	31.91	2.48	33.75	2.53
	115	23.89	2.33	25.73	2.41	27.58	2.50	28.91	2.53	31.26	2.58	33.11	2.63
	118	23.50	2.38	25.35	2.46	27.19	2.55	28.52	2.58	30.88	2.63	32.72	2.68
	122	23.37	2.44	25.22	2.53	27.06	2.63	28.39	2.66	30.75	2.70	32.59	2.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 96: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	31.46	1.33	33.41	1.37	35.37	1.43	36.78	1.44	39.28	1.47	41.23	1.50
	0	31.44	1.34	33.40	1.39	35.35	1.44	36.76	1.46	39.25	1.49	41.21	1.52
	5	31.42	1.36	33.37	1.41	35.32	1.47	36.73	1.48	39.22	1.51	41.17	1.54
	10	31.39	1.38	33.34	1.43	35.29	1.49	36.70	1.51	39.19	1.53	41.14	1.56
	14	31.37	1.40	33.32	1.46	35.27	1.51	36.67	1.53	39.16	1.55	41.11	1.58
	20	31.35	1.42	33.29	1.48	35.24	1.53	36.64	1.55	39.13	1.58	41.08	1.61
	25	31.32	1.44	33.27	1.50	35.21	1.55	36.62	1.57	39.10	1.60	41.05	1.63
	30	31.30	1.46	33.24	1.52	35.19	1.57	36.59	1.59	39.07	1.62	41.02	1.65
	35	31.27	1.49	33.22	1.54	35.16	1.59	36.56	1.61	39.04	1.64	40.99	1.67
	40	31.25	1.51	33.19	1.56	35.13	1.61	36.53	1.63	39.01	1.66	40.95	1.70
	45	31.23	1.53	33.17	1.58	35.10	1.64	36.51	1.65	38.98	1.69	40.92	1.72
	50	31.20	1.55	33.14	1.60	35.08	1.66	36.48	1.68	38.95	1.71	40.89	1.75
	55	31.18	1.57	33.11	1.62	35.05	1.68	36.45	1.70	38.92	1.73	40.86	1.77
	60	31.15	1.58	33.09	1.64	35.02	1.70	36.42	1.72	38.89	1.76	40.83	1.79
	65	31.13	1.60	33.06	1.66	35.00	1.72	36.39	1.75	38.86	1.78	40.80	1.81
	70	31.11	1.62	33.04	1.68	34.97	1.75	36.37	1.77	38.83	1.80	40.77	1.84
	75	30.36	1.71	32.28	1.78	34.21	1.84	35.60	1.86	38.07	1.89	39.99	1.93
	80	29.61	1.80	31.53	1.87	33.45	1.93	34.84	1.95	37.30	1.99	39.22	2.03
	85	28.87	1.89	30.78	1.96	32.70	2.03	34.09	2.05	36.54	2.09	38.46	2.13
	90	28.13	1.97	30.04	2.05	31.95	2.12	33.33	2.15	35.78	2.18	37.69	2.23
	95	27.32	2.07	29.22	2.14	31.13	2.21	32.00	2.24	34.93	2.28	36.84	2.33
	100	26.65	2.15	28.56	2.23	30.46	2.31	31.59	2.34	34.27	2.38	36.17	2.43
	105	25.99	2.24	27.89	2.32	29.80	2.40	31.17	2.43	33.60	2.48	35.51	2.53
	110	25.32	2.33	27.23	2.41	29.13	2.50	30.51	2.53	32.94	2.58	34.84	2.63
	115	24.66	2.41	26.56	2.50	28.47	2.59	29.84	2.62	32.27	2.67	34.18	2.72
	118	24.26	2.46	26.16	2.56	28.07	2.65	29.44	2.68	31.87	2.73	33.78	2.78
	122	24.13	2.54	26.03	2.63	27.93	2.72	29.31	2.75	31.74	2.81	33.64	2.87
33	-4	32.44	1.37	34.46	1.43	36.47	1.48	37.93	1.50	40.50	1.53	42.52	1.55
	0	32.43	1.39	34.44	1.44	36.45	1.50	37.91	1.51	40.48	1.54	42.49	1.57
	5	32.40	1.41	34.41	1.47	36.42	1.52	37.88	1.54	40.45	1.57	42.46	1.60
	10	32.37	1.43	34.39	1.49	36.40	1.54	37.85	1.56	40.42	1.59	42.43	1.62
	14	32.35	1.46	34.36	1.51	36.37	1.56	37.82	1.58	40.39	1.61	42.40	1.64
	20	32.33	1.48	34.33	1.53	36.34	1.59	37.79	1.60	40.36	1.63	42.36	1.66
	25	32.30	1.50	34.31	1.55	36.31	1.61	37.76	1.63	40.32	1.65	42.33	1.69
	30	32.28	1.52	34.28	1.57	36.28	1.63	37.73	1.65	40.29	1.68	42.30	1.71
	35	32.25	1.54	34.25	1.59	36.26	1.65	37.70	1.67	40.26	1.70	42.27	1.74
	40	32.23	1.56	34.23	1.62	36.23	1.67	37.67	1.69	40.23	1.73	42.23	1.76
	45	32.20	1.58	34.20	1.64	36.20	1.70	37.65	1.72	40.20	1.75	42.20	1.79
	50	32.18	1.60	34.18	1.66	36.17	1.72	37.62	1.74	40.17	1.77	42.17	1.81
	55	32.15	1.62	34.15	1.68	36.15	1.74	37.59	1.76	40.14	1.80	42.14	1.83
	60	32.13	1.64	34.12	1.70	36.12	1.77	37.56	1.79	40.11	1.82	42.10	1.86
	65	32.10	1.66	34.10	1.72	36.09	1.79	37.53	1.81	40.08	1.84	42.07	1.88
	70	32.08	1.68	34.07	1.75	36.06	1.81	37.50	1.83	40.05	1.86	42.04	1.90
	75	31.31	1.78	33.29	1.84	35.28	1.91	36.72	1.93	39.26	1.96	41.24	2.01
	80	30.53	1.87	32.52	1.93	34.50	2.01	35.93	2.03	38.46	2.07	40.45	2.11
	85	29.77	1.96	31.75	2.03	33.72	2.10	35.15	2.13	37.68	2.17	39.66	2.21
	90	29.00	2.05	30.98	2.12	32.95	2.20	34.37	2.22	36.89	2.27	38.87	2.31
	95	28.17	2.14	30.14	2.21	32.10	2.30	33.00	2.33	36.03	2.37	37.99	2.42
	100	27.49	2.23	29.45	2.31	31.41	2.40	32.57	2.42	35.34	2.47	37.30	2.52
	105	26.80	2.32	28.76	2.41	30.73	2.49	32.14	2.52	34.65	2.57	36.62	2.62
	110	26.12	2.41	28.08	2.50	30.04	2.59	31.46	2.62	33.97	2.67	35.93	2.72
	115	25.43	2.50	27.39	2.59	29.36	2.69	30.77	2.72	33.28	2.77	35.24	2.83
	118	25.02	2.56	26.98	2.65	28.94	2.74	30.36	2.78	32.87	2.83	34.83	2.89
	122	24.88	2.63	26.84	2.72	28.81	2.82	30.22	2.86	32.73	2.91	34.69	2.97

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 97: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	33.43	1.42	35.50	1.48	37.58	1.53	39.08	1.55	41.73	1.58	43.81	1.61
	0	33.41	1.44	35.48	1.49	37.56	1.55	39.06	1.57	41.71	1.59	43.78	1.63
	5	33.38	1.46	35.45	1.52	37.53	1.57	39.02	1.59	41.67	1.62	43.75	1.65
	10	33.36	1.49	35.43	1.54	37.50	1.60	38.99	1.61	41.64	1.64	43.71	1.68
	14	33.33	1.51	35.40	1.56	37.47	1.62	38.96	1.64	41.61	1.67	43.68	1.70
	20	33.30	1.53	35.37	1.59	37.44	1.64	38.94	1.66	41.58	1.69	43.65	1.73
	25	33.28	1.55	35.35	1.61	37.41	1.66	38.91	1.68	41.55	1.72	43.61	1.75
	30	33.25	1.57	35.32	1.63	37.38	1.69	38.88	1.71	41.51	1.74	43.58	1.78
	35	33.23	1.59	35.29	1.65	37.36	1.71	38.85	1.73	41.48	1.77	43.55	1.80
	40	33.20	1.61	35.27	1.67	37.33	1.74	38.82	1.76	41.45	1.79	43.51	1.83
	45	33.18	1.64	35.24	1.70	37.30	1.76	38.79	1.78	41.42	1.81	43.48	1.85
	50	33.15	1.66	35.21	1.72	37.27	1.78	38.76	1.81	41.39	1.84	43.45	1.87
	55	33.13	1.68	35.18	1.74	37.24	1.81	38.73	1.83	41.36	1.86	43.41	1.90
	60	33.10	1.70	35.16	1.77	37.21	1.83	38.70	1.85	41.32	1.88	43.38	1.92
	65	33.08	1.72	35.13	1.79	37.18	1.85	38.67	1.87	41.29	1.91	43.35	1.94
	70	33.05	1.75	35.10	1.81	37.16	1.87	38.64	1.90	41.26	1.93	43.31	1.97
	75	32.26	1.84	34.30	1.91	36.35	1.97	37.83	2.00	40.45	2.04	42.49	2.08
	80	31.46	1.93	33.50	2.00	35.54	2.08	37.02	2.10	39.63	2.14	41.67	2.18
	85	30.67	2.03	32.71	2.10	34.75	2.18	36.22	2.20	38.82	2.24	40.86	2.29
	90	29.88	2.12	31.92	2.20	33.95	2.28	35.42	2.31	38.01	2.35	40.05	2.40
	95	29.03	2.21	31.05	2.30	33.07	2.38	34.00	2.41	37.12	2.45	39.14	2.50
	100	28.32	2.31	30.34	2.39	32.37	2.48	33.56	2.51	36.41	2.56	38.43	2.61
	105	27.61	2.40	29.64	2.49	31.66	2.58	33.12	2.61	35.70	2.66	37.73	2.71
	110	26.91	2.50	28.93	2.59	30.95	2.68	32.41	2.71	35.00	2.76	37.02	2.82
	115	26.20	2.59	28.22	2.69	30.24	2.78	31.71	2.82	34.29	2.87	36.31	2.93
	118	25.78	2.65	27.80	2.74	29.82	2.84	31.28	2.88	33.87	2.93	35.89	2.99
	122	25.63	2.72	27.66	2.82	29.68	2.93	31.14	2.96	33.72	3.01	35.75	3.07
35	-4	34.41	1.48	36.55	1.53	38.68	1.59	40.23	1.60	42.96	1.63	45.09	1.66
	0	34.39	1.49	36.53	1.55	38.66	1.60	40.21	1.62	42.93	1.65	45.07	1.68
	5	34.36	1.52	36.50	1.57	38.63	1.63	40.17	1.65	42.90	1.68	45.03	1.71
	10	34.34	1.54	36.47	1.59	38.60	1.65	40.14	1.67	42.87	1.70	45.00	1.74
	14	34.31	1.56	36.44	1.62	38.57	1.67	40.11	1.69	42.83	1.73	44.96	1.76
	20	34.28	1.58	36.41	1.64	38.54	1.70	40.08	1.72	42.80	1.75	44.93	1.79
	25	34.26	1.61	36.39	1.66	38.51	1.72	40.05	1.74	42.77	1.78	44.90	1.81
	30	34.23	1.63	36.36	1.68	38.48	1.75	40.02	1.77	42.74	1.80	44.86	1.84
	35	34.21	1.65	36.33	1.71	38.45	1.77	39.99	1.79	42.70	1.83	44.83	1.86
	40	34.18	1.67	36.30	1.73	38.42	1.80	39.96	1.82	42.67	1.85	44.79	1.89
	45	34.15	1.69	36.27	1.76	38.40	1.82	39.93	1.84	42.64	1.88	44.76	1.91
	50	34.13	1.72	36.25	1.78	38.37	1.85	39.90	1.87	42.61	1.90	44.72	1.94
	55	34.10	1.74	36.22	1.80	38.34	1.87	39.87	1.89	42.57	1.92	44.69	1.96
	60	34.07	1.76	36.19	1.83	38.31	1.89	39.84	1.91	42.54	1.95	44.66	1.99
	65	34.05	1.79	36.16	1.85	38.28	1.92	39.81	1.94	42.51	1.97	44.62	2.01
	70	34.02	1.81	36.14	1.87	38.25	1.94	39.77	1.96	42.47	2.00	44.59	2.04
	75	33.20	1.90	35.31	1.97	37.42	2.05	38.94	2.07	41.63	2.11	43.74	2.15
	80	32.39	2.00	34.49	2.08	36.59	2.15	38.11	2.17	40.80	2.21	42.90	2.26
	85	31.57	2.10	33.67	2.17	35.77	2.25	37.28	2.28	39.96	2.32	42.06	2.37
	90	30.76	2.19	32.85	2.28	34.95	2.36	36.46	2.39	39.13	2.43	41.22	2.48
	95	29.88	2.29	31.96	2.38	34.04	2.46	35.00	2.49	38.21	2.54	40.29	2.59
	100	29.15	2.39	31.24	2.48	33.32	2.57	34.55	2.60	37.48	2.65	39.56	2.70
	105	28.43	2.49	30.51	2.58	32.59	2.67	34.09	2.70	36.75	2.75	38.83	2.81
	110	27.70	2.59	29.78	2.68	31.86	2.78	33.37	2.81	36.03	2.86	38.11	2.92
	115	26.97	2.68	29.05	2.78	31.13	2.88	32.64	2.92	35.30	2.97	37.38	3.03
	118	26.53	2.74	28.62	2.84	30.70	2.95	32.20	2.98	34.86	3.03	36.94	3.09
	122	26.39	2.82	28.47	2.92	30.55	3.03	32.06	3.06	34.72	3.12	36.80	3.18

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 98: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29
37	-4	36.38	1.58	38.64	1.64	40.89	1.70	42.53	1.71	45.41	1.75	47.67	1.78
	0	36.36	1.60	38.61	1.65	40.87	1.71	42.50	1.73	45.39	1.76	47.65	1.80
	5	36.33	1.62	38.58	1.68	40.84	1.74	42.47	1.76	45.35	1.79	47.61	1.83
	10	36.30	1.65	38.55	1.70	40.81	1.77	42.44	1.79	45.32	1.82	47.57	1.86
	14	36.27	1.67	38.52	1.73	40.78	1.79	42.40	1.81	45.28	1.85	47.53	1.89
	20	36.24	1.69	38.49	1.75	40.75	1.82	42.37	1.84	45.25	1.88	47.50	1.91
	25	36.22	1.72	38.46	1.78	40.71	1.85	42.34	1.87	45.21	1.90	47.46	1.94
	30	36.19	1.74	38.44	1.80	40.68	1.87	42.31	1.89	45.18	1.93	47.43	1.97
	35	36.16	1.76	38.41	1.83	40.65	1.90	42.27	1.92	45.14	1.95	47.39	1.99
	40	36.13	1.79	38.38	1.86	40.62	1.92	42.24	1.95	45.11	1.98	47.35	2.02
	45	36.11	1.81	38.35	1.88	40.59	1.95	42.21	1.97	45.07	2.01	47.32	2.05
	50	36.08	1.84	38.32	1.91	40.56	1.97	42.18	2.00	45.04	2.03	47.28	2.07
	55	36.05	1.86	38.29	1.93	40.53	2.00	42.14	2.02	45.01	2.06	47.24	2.10
	60	36.02	1.89	38.26	1.95	40.50	2.02	42.11	2.05	44.97	2.09	47.21	2.13
	65	35.99	1.91	38.23	1.98	40.47	2.05	42.08	2.07	44.94	2.11	47.17	2.16
	70	35.97	1.93	38.20	2.00	40.43	2.08	42.05	2.10	44.90	2.14	47.14	2.19
	75	35.10	2.04	37.33	2.11	39.56	2.19	41.17	2.22	44.01	2.26	46.24	2.30
	80	34.24	2.14	36.46	2.22	38.68	2.30	40.29	2.32	43.13	2.37	45.35	2.42
	85	33.38	2.25	35.60	2.33	37.81	2.41	39.41	2.44	42.25	2.49	44.46	2.54
	90	32.52	2.35	34.73	2.44	36.94	2.53	38.54	2.55	41.37	2.60	43.58	2.65
	95	31.59	2.46	33.79	2.54	35.99	2.63	37.00	2.67	40.39	2.72	42.59	2.77
	100	30.82	2.56	33.02	2.65	35.22	2.75	36.52	2.78	39.62	2.83	41.82	2.89
	105	30.05	2.66	32.25	2.76	34.45	2.86	36.04	2.89	38.85	2.95	41.05	3.01
	110	29.28	2.77	31.48	2.87	33.68	2.97	35.27	3.01	38.08	3.06	40.28	3.12
	115	28.51	2.87	30.71	2.98	32.91	3.09	34.50	3.12	37.31	3.18	39.52	3.24
	118	28.05	2.93	30.25	3.04	32.45	3.15	34.04	3.19	36.85	3.25	39.05	3.31
	122	27.90	3.02	30.10	3.13	32.30	3.24	33.89	3.28	36.70	3.34	38.90	3.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 99: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	37.36	1.63	39.68	1.69	42.00	1.75	43.68	1.77	46.64	1.80	48.96	1.84
	0	37.34	1.65	39.66	1.71	41.98	1.77	43.65	1.79	46.61	1.82	48.93	1.86
	5	37.31	1.68	39.63	1.74	41.94	1.80	43.62	1.82	46.58	1.86	48.89	1.89
	10	37.28	1.70	39.59	1.76	41.91	1.83	43.58	1.85	46.54	1.88	48.86	1.92
	14	37.25	1.73	39.56	1.79	41.88	1.85	43.55	1.88	46.51	1.91	48.82	1.95
	20	37.22	1.75	39.53	1.81	41.85	1.88	43.52	1.90	46.47	1.94	48.78	1.98
	25	37.19	1.77	39.50	1.84	41.81	1.91	43.48	1.93	46.43	1.97	48.74	2.01
	30	37.17	1.80	39.47	1.87	41.78	1.94	43.45	1.96	46.40	1.99	48.71	2.03
	35	37.14	1.82	39.44	1.89	41.75	1.96	43.42	1.99	46.36	2.02	48.67	2.06
	40	37.11	1.85	39.41	1.92	41.72	1.99	43.38	2.01	46.33	2.05	48.63	2.09
	45	37.08	1.87	39.38	1.95	41.69	2.02	43.35	2.04	46.29	2.07	48.60	2.12
	50	37.05	1.90	39.35	1.97	41.65	2.04	43.32	2.06	46.26	2.10	48.56	2.14
	55	37.02	1.93	39.32	2.00	41.62	2.07	43.28	2.09	46.22	2.13	48.52	2.17
	60	37.00	1.95	39.29	2.02	41.59	2.09	43.25	2.12	46.19	2.16	48.48	2.20
	65	36.97	1.98	39.26	2.05	41.56	2.12	43.22	2.14	46.15	2.19	48.45	2.23
	70	36.94	2.00	39.23	2.07	41.53	2.15	43.18	2.17	46.12	2.21	48.41	2.26
	75	36.05	2.10	38.34	2.18	40.63	2.27	42.28	2.29	45.20	2.33	47.49	2.38
	80	35.16	2.22	37.44	2.30	39.73	2.38	41.38	2.40	44.29	2.45	46.57	2.50
	85	34.28	2.32	36.56	2.40	38.83	2.49	40.48	2.52	43.39	2.57	45.67	2.62
	90	33.40	2.43	35.67	2.52	37.94	2.61	39.58	2.64	42.48	2.69	44.76	2.74
	95	32.44	2.54	34.70	2.63	36.96	2.72	38.00	2.76	41.48	2.81	43.74	2.87
	100	31.65	2.65	33.91	2.74	36.17	2.84	37.51	2.88	40.69	2.93	42.95	2.99
39	105	30.86	2.75	33.12	2.86	35.38	2.96	37.02	2.99	39.90	3.05	42.16	3.11
	110	30.07	2.86	32.33	2.96	34.59	3.07	36.23	3.11	39.11	3.17	41.37	3.23
	115	29.28	2.97	31.54	3.08	33.80	3.19	35.44	3.23	38.32	3.28	40.58	3.35
	118	28.81	3.03	31.07	3.15	33.33	3.26	34.96	3.29	37.85	3.36	40.11	3.43
	122	28.65	3.12	30.91	3.23	33.17	3.35	34.80	3.39	37.69	3.46	39.95	3.52
	-4	38.34	1.69	40.72	1.75	43.10	1.81	44.82	1.83	47.87	1.87	50.25	1.90
	0	38.32	1.71	40.70	1.77	43.08	1.83	44.80	1.85	47.84	1.89	50.22	1.92
	5	38.29	1.74	40.67	1.80	43.05	1.86	44.76	1.88	47.80	1.92	50.18	1.96
	10	38.26	1.76	40.64	1.82	43.01	1.89	44.73	1.91	47.77	1.95	50.14	1.99
	14	38.23	1.78	40.61	1.85	42.98	1.92	44.70	1.94	47.73	1.98	50.10	2.02
	20	38.20	1.81	40.57	1.87	42.95	1.94	44.66	1.97	47.69	2.00	50.07	2.05
	25	38.17	1.83	40.54	1.90	42.91	1.97	44.63	2.00	47.66	2.03	50.03	2.07
	30	38.14	1.86	40.51	1.93	42.88	2.00	44.59	2.02	47.62	2.06	49.99	2.10
	35	38.11	1.88	40.48	1.96	42.85	2.03	44.56	2.05	47.58	2.09	49.95	2.13
	40	38.09	1.91	40.45	1.98	42.82	2.06	44.52	2.08	47.55	2.12	49.91	2.16
	45	38.06	1.94	40.42	2.01	42.78	2.08	44.49	2.11	47.51	2.14	49.87	2.19
	50	38.03	1.96	40.39	2.04	42.75	2.11	44.46	2.13	47.47	2.17	49.84	2.22
	55	38.00	1.99	40.36	2.06	42.72	2.14	44.42	2.16	47.44	2.20	49.80	2.24
	60	37.97	2.02	40.33	2.09	42.69	2.16	44.39	2.19	47.40	2.23	49.76	2.27
	65	37.94	2.04	40.30	2.11	42.65	2.19	44.35	2.22	47.36	2.26	49.72	2.30
	70	37.91	2.07	40.27	2.14	42.62	2.22	44.32	2.24	47.33	2.29	49.68	2.33
	75	37.00	2.18	39.35	2.26	41.70	2.34	43.39	2.37	46.39	2.41	48.74	2.46
	80	36.09	2.29	38.43	2.37	40.77	2.46	42.46	2.48	45.46	2.53	47.80	2.58
	85	35.18	2.40	37.52	2.49	39.86	2.58	41.54	2.61	44.53	2.66	46.87	2.71
	90	34.28	2.51	36.61	2.60	38.94	2.70	40.62	2.73	43.60	2.78	45.93	2.83
	95	33.30	2.62	35.62	2.72	37.94	2.81	39.00	2.85	42.58	2.90	44.89	2.96
	100	32.49	2.73	34.81	2.83	37.12	2.94	38.49	2.97	41.76	3.03	44.08	3.09
	105	31.67	2.84	33.99	2.95	36.31	3.06	37.99	3.09	40.95	3.15	43.27	3.21
	110	30.86	2.96	33.18	3.06	35.50	3.17	37.18	3.21	40.14	3.27	42.46	3.34
	115	30.05	3.07	32.37	3.18	34.69	3.30	36.37	3.33	39.33	3.39	41.65	3.46
	118	29.57	3.13	31.89	3.25	34.21	3.37	35.88	3.40	38.85	3.47	41.16	3.54
	122	29.40	3.22	31.72	3.34	34.04	3.46	35.72	3.50	38.68	3.57	41.00	3.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 100: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	39.33	1.74	41.77	1.81	44.21	1.87	45.97	1.89	49.09	1.93	51.54	1.96
	0	39.30	1.76	41.74	1.83	44.19	1.89	45.95	1.91	49.07	1.95	51.51	1.99
	5	39.27	1.79	41.71	1.86	44.15	1.92	45.91	1.94	49.03	1.98	51.47	2.02
	10	39.24	1.82	41.68	1.88	44.12	1.95	45.88	1.97	48.99	2.01	51.43	2.05
	14	39.21	1.84	41.65	1.91	44.08	1.98	45.84	2.00	48.95	2.04	51.39	2.08
	20	39.18	1.87	41.62	1.94	44.05	2.01	45.81	2.03	48.92	2.07	51.35	2.11
	25	39.15	1.90	41.58	1.96	44.02	2.04	45.77	2.06	48.88	2.10	51.31	2.14
	30	39.12	1.92	41.55	1.99	43.98	2.07	45.74	2.09	48.84	2.13	51.27	2.17
	35	39.09	1.95	41.52	2.02	43.95	2.09	45.70	2.12	48.80	2.16	51.23	2.20
	40	39.06	1.97	41.49	2.05	43.91	2.12	45.67	2.15	48.77	2.19	51.19	2.23
	45	39.03	2.00	41.46	2.08	43.88	2.15	45.63	2.18	48.73	2.21	51.15	2.26
	50	39.00	2.03	41.42	2.10	43.85	2.18	45.60	2.20	48.69	2.24	51.11	2.29
	55	38.97	2.05	41.39	2.13	43.81	2.21	45.56	2.23	48.65	2.27	51.07	2.32
	60	38.94	2.08	41.36	2.16	43.78	2.23	45.53	2.26	48.62	2.30	51.04	2.35
	65	38.91	2.11	41.33	2.18	43.75	2.26	45.49	2.29	48.58	2.33	51.00	2.38
	70	38.88	2.14	41.30	2.21	43.71	2.29	45.46	2.32	48.54	2.36	50.96	2.41
	75	37.95	2.25	40.36	2.33	42.76	2.42	44.50	2.45	47.58	2.49	49.99	2.54
	80	37.01	2.36	39.41	2.45	41.82	2.54	43.55	2.57	46.62	2.61	49.03	2.67
	85	36.08	2.48	38.48	2.57	40.88	2.66	42.61	2.69	45.67	2.74	48.07	2.80
	90	35.16	2.59	37.55	2.69	39.94	2.79	41.67	2.82	44.72	2.87	47.11	2.93
	95	34.15	2.71	36.53	2.81	38.91	2.91	40.00	2.94	43.67	3.00	46.05	3.06
	100	33.32	2.82	35.70	2.92	38.08	3.03	39.48	3.07	42.84	3.13	45.21	3.19
	105	32.49	2.94	34.87	3.05	37.25	3.16	38.96	3.19	42.00	3.25	44.38	3.32
	110	31.66	3.05	34.03	3.17	36.41	3.28	38.13	3.32	41.17	3.38	43.55	3.45
	115	30.82	3.17	33.20	3.28	35.58	3.40	37.30	3.44	40.34	3.51	42.72	3.58
	118	30.32	3.24	32.70	3.36	35.08	3.48	36.80	3.52	39.84	3.58	42.22	3.65
	122	30.16	3.33	32.54	3.45	34.92	3.57	36.64	3.62	39.68	3.69	42.05	3.76
41	-4	40.31	1.80	42.81	1.87	45.32	1.93	47.12	1.95	50.32	1.99	52.83	2.03
	0	40.29	1.82	42.79	1.89	45.29	1.95	47.10	1.97	50.29	2.01	52.80	2.05
	5	40.25	1.85	42.75	1.92	45.25	1.98	47.06	2.01	50.25	2.04	52.75	2.08
	10	40.22	1.88	42.72	1.94	45.22	2.01	47.02	2.03	50.21	2.07	52.71	2.12
	14	40.19	1.90	42.69	1.97	45.18	2.04	46.99	2.06	50.18	2.10	52.67	2.15
	20	40.16	1.93	42.66	2.00	45.15	2.07	46.95	2.09	50.14	2.14	52.63	2.18
	25	40.13	1.96	42.62	2.03	45.12	2.10	46.92	2.13	50.10	2.17	52.59	2.21
	30	40.10	1.98	42.59	2.05	45.08	2.13	46.88	2.16	50.06	2.20	52.55	2.24
	35	40.07	2.01	42.56	2.08	45.05	2.16	46.84	2.19	50.02	2.23	52.51	2.27
	40	40.04	2.04	42.53	2.11	45.01	2.19	46.81	2.22	49.99	2.26	52.47	2.30
	45	40.01	2.06	42.49	2.14	44.98	2.22	46.77	2.25	49.95	2.29	52.43	2.33
	50	39.98	2.09	42.46	2.17	44.94	2.25	46.74	2.28	49.91	2.32	52.39	2.36
	55	39.95	2.12	42.43	2.20	44.91	2.28	46.70	2.30	49.87	2.35	52.35	2.39
	60	39.92	2.15	42.40	2.23	44.87	2.31	46.66	2.33	49.83	2.38	52.31	2.42
	65	39.89	2.18	42.36	2.26	44.84	2.34	46.63	2.36	49.79	2.41	52.27	2.45
	70	39.85	2.20	42.33	2.28	44.81	2.36	46.59	2.39	49.76	2.44	52.23	2.49
	75	38.90	2.32	41.36	2.40	43.83	2.49	45.62	2.52	48.77	2.57	51.24	2.62
	80	37.94	2.44	40.40	2.53	42.86	2.62	44.64	2.65	47.79	2.70	50.25	2.75
	85	36.99	2.56	39.44	2.65	41.90	2.75	43.67	2.78	46.81	2.83	49.27	2.89
	90	36.04	2.68	38.49	2.77	40.94	2.88	42.71	2.91	45.84	2.96	48.29	3.02
	95	35.00	2.79	37.44	2.90	39.88	3.00	41.00	3.04	44.76	3.09	47.20	3.16
	100	34.15	2.92	36.59	3.02	39.03	3.13	40.47	3.17	43.91	3.23	46.34	3.29
	105	33.30	3.03	35.74	3.14	38.18	3.26	39.94	3.30	43.05	3.36	45.49	3.42
	110	32.45	3.15	34.89	3.27	37.32	3.38	39.09	3.42	42.20	3.49	44.64	3.56
	115	31.59	3.27	34.03	3.39	36.47	3.51	38.23	3.55	41.35	3.62	43.79	3.69
	118	31.08	3.34	33.52	3.46	35.96	3.59	37.72	3.63	40.84	3.70	43.28	3.77
	122	30.91	3.43	33.35	3.56	35.79	3.69	37.55	3.73	40.67	3.80	43.11	3.88

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 101: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
43	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00
	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 102: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00
45	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 103: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00
47	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 104: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00
49	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 105: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00
51	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 106: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
52	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00
53	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 107: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00
55	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00

TC = Total Capacity (kBtu/h).

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Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

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Table 108: KUMXA421A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
56	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 109: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	17.70	0.67	18.80	0.69	19.89	0.72	20.69	0.72	22.09	0.74	23.19	0.75
	0	17.69	0.67	18.79	0.70	19.88	0.72	20.68	0.73	22.08	0.74	23.18	0.76
	5	17.67	0.68	18.77	0.71	19.87	0.73	20.66	0.74	22.06	0.76	23.16	0.77
	10	17.66	0.69	18.76	0.72	19.85	0.75	20.64	0.75	22.05	0.77	23.14	0.78
	14	17.65	0.70	18.74	0.73	19.84	0.76	20.63	0.77	22.03	0.78	23.12	0.80
	20	17.63	0.71	18.73	0.74	19.82	0.77	20.61	0.78	22.01	0.79	23.11	0.81
	25	17.62	0.72	18.71	0.75	19.81	0.78	20.60	0.79	22.00	0.80	23.09	0.82
	30	17.60	0.73	18.70	0.76	19.79	0.79	20.58	0.80	21.98	0.81	23.07	0.83
	35	17.59	0.74	18.68	0.77	19.78	0.80	20.57	0.81	21.96	0.82	23.05	0.84
	40	17.58	0.75	18.67	0.78	19.76	0.81	20.55	0.82	21.94	0.84	23.04	0.85
	45	17.56	0.76	18.66	0.79	19.75	0.82	20.53	0.83	21.93	0.85	23.02	0.86
	50	17.55	0.77	18.64	0.80	19.73	0.83	20.52	0.84	21.91	0.86	23.00	0.88
	55	17.54	0.78	18.63	0.81	19.72	0.84	20.50	0.85	21.89	0.87	22.98	0.89
	60	17.52	0.80	18.61	0.82	19.70	0.85	20.49	0.86	21.88	0.88	22.97	0.90
	65	17.51	0.81	18.60	0.83	19.69	0.87	20.47	0.88	21.86	0.89	22.95	0.91
	70	17.50	0.82	18.58	0.85	19.67	0.88	20.46	0.89	21.84	0.90	22.93	0.92
	75	17.08	0.86	18.16	0.89	19.24	0.92	20.03	0.93	21.41	0.95	22.50	0.97
	80	16.66	0.90	17.74	0.94	18.82	0.97	19.60	0.98	20.98	1.00	22.06	1.02
	85	16.24	0.95	17.32	0.98	18.40	1.02	19.17	1.03	20.55	1.05	21.63	1.07
	90	15.82	0.99	16.90	1.03	17.97	1.06	18.75	1.08	20.12	1.10	21.20	1.12
	95	15.37	1.04	16.44	1.07	17.51	1.11	18.00	1.13	19.65	1.15	20.72	1.17
	100	14.99	1.08	16.06	1.12	17.13	1.16	17.77	1.17	19.28	1.19	20.35	1.22
	105	14.62	1.12	15.69	1.16	16.76	1.21	17.53	1.22	18.90	1.24	19.97	1.27
	110	14.24	1.17	15.32	1.21	16.39	1.25	17.16	1.27	18.53	1.29	19.60	1.32
	115	13.87	1.21	14.94	1.26	16.01	1.30	16.79	1.32	18.15	1.34	19.22	1.37
	118	13.65	1.24	14.72	1.28	15.79	1.33	16.56	1.34	17.93	1.37	19.00	1.40
	122	13.57	1.27	14.64	1.32	15.71	1.37	16.49	1.38	17.85	1.41	18.92	1.44
19	-4	18.68	0.71	19.84	0.73	21.00	0.76	21.84	0.77	23.32	0.78	24.48	0.80
	0	18.67	0.71	19.83	0.74	20.99	0.77	21.83	0.78	23.31	0.79	24.47	0.81
	5	18.65	0.73	19.81	0.75	20.97	0.78	21.81	0.79	23.29	0.80	24.45	0.82
	10	18.64	0.74	19.80	0.76	20.96	0.79	21.79	0.80	23.27	0.82	24.43	0.83
	14	18.63	0.75	19.78	0.77	20.94	0.80	21.77	0.81	23.25	0.83	24.41	0.84
	20	18.61	0.76	19.77	0.79	20.92	0.81	21.76	0.82	23.23	0.84	24.39	0.86
	25	18.60	0.77	19.75	0.80	20.91	0.83	21.74	0.84	23.22	0.85	24.37	0.87
	30	18.58	0.78	19.74	0.81	20.89	0.84	21.72	0.85	23.20	0.86	24.35	0.88
	35	18.57	0.79	19.72	0.82	20.88	0.85	21.71	0.86	23.18	0.87	24.33	0.89
	40	18.55	0.80	19.71	0.83	20.86	0.86	21.69	0.87	23.16	0.89	24.32	0.90
	45	18.54	0.81	19.69	0.84	20.84	0.87	21.67	0.88	23.15	0.90	24.30	0.92
	50	18.53	0.82	19.68	0.85	20.83	0.88	21.66	0.89	23.13	0.91	24.28	0.93
	55	18.51	0.83	19.66	0.86	20.81	0.89	21.64	0.91	23.11	0.92	24.26	0.94
	60	18.50	0.84	19.65	0.87	20.80	0.91	21.63	0.92	23.09	0.93	24.24	0.95
	65	18.48	0.85	19.63	0.89	20.78	0.92	21.61	0.93	23.08	0.95	24.22	0.96
	70	18.47	0.87	19.62	0.90	20.76	0.93	21.59	0.94	23.06	0.96	24.20	0.98
	75	18.02	0.91	19.17	0.95	20.31	0.98	21.14	0.99	22.60	1.01	23.75	1.03
	80	17.58	0.96	18.72	0.99	19.86	1.03	20.69	1.04	22.15	1.06	23.29	1.08
	85	17.14	1.01	18.28	1.04	19.42	1.08	20.24	1.09	21.69	1.11	22.83	1.14
	90	16.70	1.05	17.84	1.09	18.97	1.13	19.79	1.14	21.24	1.16	22.38	1.19
	95	16.22	1.10	17.35	1.14	18.48	1.18	19.00	1.19	20.74	1.22	21.87	1.24
	100	15.83	1.15	16.96	1.19	18.09	1.23	18.75	1.24	20.35	1.27	21.48	1.29
	105	15.43	1.19	16.56	1.24	17.69	1.28	18.51	1.30	19.95	1.32	21.08	1.35
	110	15.04	1.24	16.17	1.28	17.30	1.33	18.11	1.35	19.56	1.37	20.69	1.40
	115	14.64	1.29	15.77	1.33	16.90	1.38	17.72	1.40	19.16	1.42	20.29	1.45
	118	14.40	1.31	15.53	1.36	16.66	1.41	17.48	1.43	18.92	1.45	20.05	1.48
	122	14.33	1.35	15.46	1.40	16.59	1.45	17.40	1.47	18.85	1.50	19.98	1.53

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 110: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	19.66	0.75	20.88	0.77	22.11	0.80	22.99	0.81	24.55	0.83	25.77	0.84
	0	19.65	0.76	20.87	0.78	22.09	0.81	22.97	0.82	24.53	0.84	25.75	0.85
	5	19.64	0.77	20.86	0.80	22.07	0.82	22.96	0.83	24.51	0.85	25.73	0.87
	10	19.62	0.78	20.84	0.81	22.06	0.84	22.94	0.85	24.50	0.86	25.71	0.88
	14	19.61	0.79	20.82	0.82	22.04	0.85	22.92	0.86	24.48	0.88	25.69	0.89
	20	19.59	0.80	20.81	0.83	22.02	0.86	22.90	0.87	24.46	0.89	25.67	0.91
	25	19.58	0.81	20.79	0.84	22.01	0.87	22.89	0.88	24.44	0.90	25.65	0.92
	30	19.56	0.82	20.78	0.85	21.99	0.89	22.87	0.90	24.42	0.91	25.64	0.93
	35	19.55	0.84	20.76	0.87	21.97	0.90	22.85	0.91	24.40	0.93	25.62	0.94
	40	19.53	0.85	20.74	0.88	21.96	0.91	22.83	0.92	24.38	0.94	25.60	0.96
	45	19.52	0.86	20.73	0.89	21.94	0.92	22.82	0.93	24.36	0.95	25.58	0.97
	50	19.50	0.87	20.71	0.90	21.92	0.93	22.80	0.95	24.35	0.96	25.56	0.98
	55	19.49	0.88	20.70	0.91	21.91	0.95	22.78	0.96	24.33	0.98	25.54	1.00
	60	19.47	0.89	20.68	0.93	21.89	0.96	22.76	0.97	24.31	0.99	25.52	1.01
	65	19.46	0.90	20.66	0.94	21.87	0.97	22.75	0.98	24.29	1.00	25.50	1.02
	70	19.44	0.92	20.65	0.95	21.86	0.98	22.73	0.99	24.27	1.01	25.48	1.03
	75	18.97	0.96	20.18	1.00	21.38	1.04	22.25	1.05	23.79	1.07	25.00	1.09
	80	18.51	1.01	19.71	1.05	20.91	1.09	21.78	1.10	23.31	1.12	24.51	1.15
	85	18.04	1.06	19.24	1.10	20.44	1.14	21.30	1.16	22.84	1.18	24.03	1.20
	90	17.58	1.11	18.77	1.15	19.97	1.20	20.83	1.21	22.36	1.23	23.56	1.26
	95	17.08	1.16	18.26	1.20	19.45	1.25	20.00	1.26	21.83	1.29	23.02	1.31
	100	16.66	1.21	17.85	1.26	19.04	1.30	19.74	1.32	21.42	1.34	22.61	1.37
	105	16.24	1.26	17.43	1.31	18.62	1.35	19.48	1.37	21.00	1.40	22.19	1.42
	110	15.83	1.31	17.02	1.36	18.21	1.41	19.07	1.42	20.59	1.45	21.78	1.48
	115	15.41	1.36	16.60	1.41	17.79	1.46	18.65	1.48	20.17	1.51	21.36	1.54
	118	15.16	1.39	16.35	1.44	17.54	1.49	18.40	1.51	19.92	1.54	21.11	1.57
	122	15.08	1.43	16.27	1.48	17.46	1.54	18.32	1.55	19.84	1.58	21.03	1.61
21	-4	20.65	0.79	21.93	0.82	23.21	0.85	24.14	0.86	25.77	0.87	27.06	0.89
	0	20.63	0.80	21.92	0.83	23.20	0.86	24.12	0.87	25.76	0.88	27.04	0.90
	5	20.62	0.81	21.90	0.84	23.18	0.87	24.10	0.88	25.74	0.90	27.02	0.92
	10	20.60	0.82	21.88	0.85	23.16	0.88	24.08	0.89	25.72	0.91	27.00	0.93
	14	20.59	0.83	21.86	0.86	23.14	0.90	24.07	0.91	25.70	0.92	26.98	0.94
	20	20.57	0.85	21.85	0.88	23.13	0.91	24.05	0.92	25.68	0.94	26.96	0.96
	25	20.55	0.86	21.83	0.89	23.11	0.92	24.03	0.93	25.66	0.95	26.94	0.97
	30	20.54	0.87	21.81	0.90	23.09	0.94	24.01	0.95	25.64	0.96	26.92	0.98
	35	20.52	0.88	21.80	0.91	23.07	0.95	23.99	0.96	25.62	0.98	26.90	1.00
	40	20.51	0.89	21.78	0.93	23.05	0.96	23.97	0.97	25.60	0.99	26.88	1.01
	45	20.49	0.91	21.76	0.94	23.04	0.97	23.96	0.98	25.58	1.00	26.86	1.02
	50	20.48	0.92	21.75	0.95	23.02	0.99	23.94	1.00	25.56	1.02	26.83	1.04
	55	20.46	0.93	21.73	0.96	23.00	1.00	23.92	1.01	25.54	1.03	26.81	1.05
	60	20.44	0.94	21.71	0.98	22.98	1.01	23.90	1.02	25.52	1.04	26.79	1.06
	65	20.43	0.95	21.70	0.99	22.97	1.03	23.88	1.04	25.50	1.06	26.77	1.08
	70	20.41	0.97	21.68	1.00	22.95	1.04	23.86	1.05	25.48	1.07	26.75	1.09
	75	19.92	1.02	21.19	1.06	22.45	1.09	23.36	1.11	24.98	1.13	26.25	1.15
	80	19.43	1.07	20.69	1.11	21.95	1.15	22.87	1.16	24.48	1.19	25.74	1.21
	85	18.94	1.12	20.20	1.16	21.46	1.21	22.37	1.22	23.98	1.24	25.24	1.27
	90	18.46	1.17	19.71	1.22	20.97	1.26	21.87	1.28	23.48	1.30	24.73	1.33
	95	17.93	1.23	19.18	1.27	20.43	1.32	21.00	1.33	22.93	1.36	24.17	1.39
	100	17.49	1.28	18.74	1.33	19.99	1.37	20.73	1.39	22.49	1.42	23.74	1.44
	105	17.06	1.33	18.30	1.38	19.55	1.43	20.46	1.45	22.05	1.47	23.30	1.50
	110	16.62	1.38	17.87	1.43	19.12	1.49	20.02	1.50	21.62	1.53	22.86	1.56
	115	16.18	1.44	17.43	1.49	18.68	1.54	19.58	1.56	21.18	1.59	22.43	1.62
	118	15.92	1.47	17.17	1.52	18.42	1.58	19.32	1.59	20.92	1.62	22.17	1.66
	122	15.83	1.51	17.08	1.56	18.33	1.62	19.23	1.64	20.83	1.67	22.08	1.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 111: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	21.63	0.83	22.97	0.86	24.32	0.89	25.29	0.90	27.00	0.92	28.35	0.94
	0	21.62	0.84	22.96	0.87	24.30	0.90	25.27	0.91	26.99	0.93	28.33	0.95
	5	21.60	0.85	22.94	0.88	24.28	0.92	25.25	0.93	26.97	0.94	28.31	0.96
	10	21.58	0.87	22.92	0.90	24.26	0.93	25.23	0.94	26.94	0.96	28.29	0.98
	14	21.57	0.88	22.91	0.91	24.25	0.94	25.21	0.95	26.92	0.97	28.26	0.99
	20	21.55	0.89	22.89	0.92	24.23	0.96	25.19	0.97	26.90	0.99	28.24	1.01
	25	21.53	0.90	22.87	0.94	24.21	0.97	25.17	0.98	26.88	1.00	28.22	1.02
	30	21.52	0.92	22.85	0.95	24.19	0.98	25.15	1.00	26.86	1.01	28.20	1.04
	35	21.50	0.93	22.84	0.96	24.17	1.00	25.14	1.01	26.84	1.03	28.18	1.05
	40	21.48	0.94	22.82	0.98	24.15	1.01	25.12	1.02	26.82	1.04	28.16	1.06
	45	21.47	0.95	22.80	0.99	24.13	1.03	25.10	1.04	26.80	1.06	28.13	1.08
	50	21.45	0.97	22.78	1.00	24.12	1.04	25.08	1.05	26.78	1.07	28.11	1.09
	55	21.43	0.98	22.77	1.02	24.10	1.05	25.06	1.06	26.76	1.08	28.09	1.11
	60	21.42	0.99	22.75	1.03	24.08	1.07	25.04	1.08	26.74	1.10	28.07	1.12
	65	21.40	1.01	22.73	1.04	24.06	1.08	25.02	1.09	26.72	1.11	28.05	1.14
	70	21.39	1.02	22.71	1.05	24.04	1.09	25.00	1.11	26.70	1.13	28.03	1.15
	75	20.87	1.07	22.20	1.11	23.52	1.15	24.48	1.17	26.17	1.19	27.50	1.21
	80	20.36	1.13	21.68	1.17	23.00	1.21	23.95	1.23	25.64	1.25	26.96	1.27
	85	19.85	1.18	21.16	1.23	22.48	1.27	23.44	1.28	25.12	1.31	26.44	1.34
	90	19.34	1.24	20.65	1.28	21.97	1.33	22.92	1.34	24.60	1.37	25.91	1.40
	95	18.78	1.29	20.09	1.34	21.40	1.39	22.00	1.40	24.02	1.43	25.33	1.46
	100	18.33	1.35	19.63	1.40	20.94	1.45	21.71	1.46	23.56	1.49	24.87	1.52
23	105	17.87	1.40	19.18	1.45	20.48	1.51	21.43	1.52	23.10	1.55	24.41	1.58
	110	17.41	1.46	18.72	1.51	20.03	1.57	20.97	1.58	22.64	1.61	23.95	1.65
	115	16.95	1.51	18.26	1.57	19.57	1.62	20.52	1.64	22.19	1.67	23.50	1.71
	118	16.68	1.54	17.99	1.60	19.30	1.66	20.24	1.68	21.91	1.71	23.22	1.74
	122	16.59	1.59	17.90	1.65	19.20	1.71	20.15	1.73	21.82	1.76	23.13	1.79
	-4	22.61	0.87	24.02	0.91	25.42	0.94	26.44	0.95	28.23	0.97	29.63	0.99
	0	22.60	0.88	24.00	0.91	25.41	0.95	26.42	0.96	28.21	0.98	29.62	1.00
	5	22.58	0.90	23.98	0.93	25.39	0.96	26.40	0.97	28.19	0.99	29.59	1.01
	10	22.56	0.91	23.97	0.94	25.37	0.98	26.38	0.99	28.17	1.01	29.57	1.03
	14	22.55	0.92	23.95	0.96	25.35	0.99	26.36	1.00	28.15	1.02	29.55	1.04
	20	22.53	0.94	23.93	0.97	25.33	1.01	26.34	1.02	28.13	1.04	29.53	1.06
	25	22.51	0.95	23.91	0.98	25.31	1.02	26.32	1.03	28.10	1.05	29.50	1.07
	30	22.50	0.96	23.89	1.00	25.29	1.04	26.30	1.05	28.08	1.07	29.48	1.09
	35	22.48	0.98	23.87	1.01	25.27	1.05	26.28	1.06	28.06	1.08	29.46	1.10
	40	22.46	0.99	23.86	1.03	25.25	1.06	26.26	1.08	28.04	1.10	29.44	1.12
	45	22.44	1.00	23.84	1.04	25.23	1.08	26.24	1.09	28.02	1.11	29.41	1.13
	50	22.43	1.02	23.82	1.05	25.21	1.09	26.22	1.10	28.00	1.13	29.39	1.15
	55	22.41	1.03	23.80	1.07	25.19	1.11	26.20	1.12	27.98	1.14	29.37	1.16
	60	22.39	1.04	23.78	1.08	25.17	1.12	26.18	1.13	27.95	1.15	29.35	1.18
	65	22.37	1.06	23.76	1.09	25.15	1.13	26.16	1.15	27.93	1.17	29.32	1.19
	70	22.36	1.07	23.75	1.11	25.13	1.15	26.14	1.16	27.91	1.18	29.30	1.21
	75	21.82	1.13	23.20	1.17	24.59	1.21	25.59	1.23	27.36	1.25	28.75	1.27
	80	21.28	1.19	22.66	1.23	24.04	1.27	25.04	1.29	26.81	1.31	28.19	1.34
	85	20.75	1.24	22.13	1.29	23.50	1.34	24.50	1.35	26.26	1.38	27.64	1.40
	90	20.22	1.30	21.59	1.35	22.96	1.40	23.96	1.41	25.71	1.44	27.09	1.47
	95	19.64	1.36	21.00	1.41	22.37	1.46	23.00	1.48	25.11	1.50	26.48	1.53
	100	19.16	1.42	20.53	1.47	21.89	1.52	22.70	1.54	24.63	1.57	26.00	1.60
	105	18.68	1.47	20.05	1.53	21.42	1.58	22.40	1.60	24.15	1.63	25.52	1.66
	110	18.20	1.53	19.57	1.59	20.94	1.65	21.93	1.66	23.67	1.70	25.04	1.73
	115	17.72	1.59	19.09	1.65	20.46	1.71	21.45	1.73	23.20	1.76	24.56	1.79
	118	17.44	1.62	18.80	1.68	20.17	1.74	21.16	1.76	22.91	1.80	24.28	1.83
	122	17.34	1.67	18.71	1.73	20.08	1.79	21.07	1.81	22.81	1.85	24.18	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 112: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	23.60	0.92	25.06	0.95	26.53	0.98	27.58	1.00	29.46	1.01	30.92	1.03
	0	23.58	0.93	25.05	0.96	26.51	0.99	27.57	1.01	29.44	1.03	30.91	1.05
	5	23.56	0.94	25.03	0.98	26.49	1.01	27.55	1.02	29.42	1.04	30.88	1.06
	10	23.55	0.96	25.01	0.99	26.47	1.03	27.53	1.04	29.39	1.06	30.86	1.08
	14	23.53	0.97	24.99	1.00	26.45	1.04	27.50	1.05	29.37	1.07	30.83	1.09
	20	23.51	0.98	24.97	1.02	26.43	1.06	27.48	1.07	29.35	1.09	30.81	1.11
	25	23.49	1.00	24.95	1.03	26.41	1.07	27.46	1.08	29.33	1.10	30.79	1.13
	30	23.47	1.01	24.93	1.05	26.39	1.09	27.44	1.10	29.30	1.12	30.76	1.14
	35	23.46	1.02	24.91	1.06	26.37	1.10	27.42	1.11	29.28	1.13	30.74	1.16
	40	23.44	1.04	24.89	1.08	26.35	1.12	27.40	1.13	29.26	1.15	30.72	1.17
	45	23.42	1.05	24.87	1.09	26.33	1.13	27.38	1.14	29.24	1.17	30.69	1.19
	50	23.40	1.07	24.85	1.11	26.31	1.15	27.36	1.16	29.21	1.18	30.67	1.20
	55	23.38	1.08	24.84	1.12	26.29	1.16	27.34	1.17	29.19	1.20	30.64	1.22
	60	23.37	1.09	24.82	1.13	26.27	1.18	27.32	1.19	29.17	1.21	30.62	1.24
	65	23.35	1.11	24.80	1.15	26.25	1.19	27.29	1.20	29.15	1.23	30.60	1.25
	70	23.33	1.12	24.78	1.16	26.23	1.21	27.27	1.22	29.13	1.24	30.57	1.27
	75	22.77	1.18	24.21	1.23	25.66	1.27	26.70	1.29	28.55	1.31	29.99	1.34
	80	22.21	1.24	23.65	1.29	25.09	1.34	26.13	1.35	27.97	1.38	29.42	1.40
	85	21.65	1.30	23.09	1.35	24.53	1.40	25.57	1.42	27.40	1.44	28.84	1.47
	90	21.09	1.36	22.53	1.41	23.96	1.47	25.00	1.48	26.83	1.51	28.27	1.54
	95	20.49	1.42	21.92	1.48	23.35	1.53	24.00	1.55	26.20	1.58	27.63	1.61
	100	19.99	1.49	21.42	1.54	22.85	1.60	23.69	1.61	25.70	1.64	27.13	1.68
	105	19.49	1.55	20.92	1.60	22.35	1.66	23.38	1.68	25.20	1.71	26.63	1.75
	110	18.99	1.61	20.42	1.67	21.85	1.73	22.88	1.75	24.70	1.78	26.13	1.81
	115	18.49	1.67	19.92	1.73	21.35	1.79	22.38	1.81	24.20	1.85	25.63	1.88
	118	18.19	1.70	19.62	1.77	21.05	1.83	22.08	1.85	23.90	1.89	25.33	1.92
	122	18.10	1.75	19.52	1.82	20.95	1.88	21.98	1.90	23.81	1.94	25.23	1.98
25	-4	24.58	0.96	26.10	0.99	27.63	1.03	28.73	1.04	30.68	1.06	32.21	1.08
	0	24.57	0.97	26.09	1.01	27.62	1.04	28.72	1.05	30.67	1.07	32.19	1.10
	5	24.54	0.99	26.07	1.02	27.59	1.06	28.69	1.07	30.64	1.09	32.17	1.11
	10	24.53	1.00	26.05	1.04	27.57	1.07	28.67	1.09	30.62	1.11	32.14	1.13
	14	24.51	1.01	26.03	1.05	27.55	1.09	28.65	1.10	30.60	1.12	32.12	1.15
	20	24.49	1.03	26.01	1.07	27.53	1.11	28.63	1.12	30.57	1.14	32.09	1.16
	25	24.47	1.04	25.99	1.08	27.51	1.12	28.61	1.13	30.55	1.16	32.07	1.18
	30	24.45	1.06	25.97	1.10	27.49	1.14	28.59	1.15	30.53	1.17	32.04	1.20
	35	24.43	1.07	25.95	1.11	27.47	1.15	28.56	1.17	30.50	1.19	32.02	1.21
	40	24.41	1.09	25.93	1.13	27.45	1.17	28.54	1.18	30.48	1.20	32.00	1.23
	45	24.40	1.10	25.91	1.14	27.43	1.18	28.52	1.20	30.46	1.22	31.97	1.24
	50	24.38	1.12	25.89	1.16	27.40	1.20	28.50	1.21	30.43	1.24	31.95	1.26
	55	24.36	1.13	25.87	1.17	27.38	1.22	28.48	1.23	30.41	1.25	31.92	1.28
	60	24.34	1.15	25.85	1.19	27.36	1.23	28.45	1.25	30.39	1.27	31.90	1.29
	65	24.32	1.16	25.83	1.20	27.34	1.25	28.43	1.26	30.36	1.28	31.87	1.31
	70	24.30	1.18	25.81	1.22	27.32	1.26	28.41	1.28	30.34	1.30	31.85	1.33
	75	23.72	1.24	25.22	1.28	26.73	1.33	27.82	1.35	29.74	1.37	31.24	1.40
	80	23.13	1.30	24.63	1.35	26.14	1.40	27.22	1.41	29.14	1.44	30.64	1.47
	85	22.55	1.37	24.05	1.42	25.55	1.47	26.63	1.48	28.54	1.51	30.04	1.54
	90	21.97	1.43	23.47	1.48	24.96	1.54	26.04	1.55	27.95	1.58	29.44	1.61
	95	21.34	1.49	22.83	1.55	24.32	1.60	25.00	1.62	27.29	1.65	28.78	1.69
	100	20.82	1.56	22.31	1.61	23.80	1.67	24.68	1.69	26.77	1.72	28.26	1.76
	105	20.30	1.62	21.79	1.68	23.28	1.74	24.35	1.76	26.25	1.79	27.74	1.83
	110	19.78	1.68	21.27	1.74	22.76	1.81	23.83	1.83	25.73	1.86	27.22	1.90
	115	19.26	1.75	20.75	1.81	22.24	1.88	23.31	1.90	25.21	1.93	26.70	1.97
	118	18.95	1.78	20.44	1.85	21.93	1.92	23.00	1.94	24.90	1.97	26.39	2.01
	122	18.85	1.83	20.34	1.90	21.82	1.97	22.90	1.99	24.80	2.03	26.28	2.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 113: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	25.56	1.00	27.15	1.04	28.74	1.08	29.88	1.09	31.91	1.11	33.50	1.13
	0	25.55	1.01	27.13	1.05	28.72	1.09	29.87	1.10	31.89	1.12	33.48	1.15
	5	25.53	1.03	27.11	1.07	28.70	1.11	29.84	1.12	31.87	1.14	33.45	1.16
	10	25.51	1.05	27.09	1.08	28.68	1.12	29.82	1.14	31.84	1.16	33.43	1.18
	14	25.49	1.06	27.07	1.10	28.65	1.14	29.80	1.15	31.82	1.17	33.40	1.20
	20	25.47	1.08	27.05	1.12	28.63	1.16	29.77	1.17	31.80	1.19	33.38	1.22
	25	25.45	1.09	27.03	1.13	28.61	1.17	29.75	1.19	31.77	1.21	33.35	1.23
	30	25.43	1.11	27.01	1.15	28.59	1.19	29.73	1.20	31.75	1.23	33.33	1.25
	35	25.41	1.12	26.99	1.16	28.57	1.21	29.71	1.22	31.72	1.24	33.30	1.27
	40	25.39	1.14	26.97	1.18	28.54	1.22	29.68	1.24	31.70	1.26	33.27	1.28
	45	25.37	1.15	26.95	1.19	28.52	1.24	29.66	1.25	31.67	1.28	33.25	1.30
	50	25.35	1.17	26.93	1.21	28.50	1.25	29.64	1.27	31.65	1.29	33.22	1.32
	55	25.33	1.18	26.91	1.23	28.48	1.27	29.61	1.29	31.63	1.31	33.20	1.34
	60	25.31	1.20	26.88	1.24	28.46	1.29	29.59	1.30	31.60	1.33	33.17	1.35
	65	25.29	1.21	26.86	1.26	28.43	1.30	29.57	1.32	31.58	1.34	33.15	1.37
	70	25.27	1.23	26.84	1.27	28.41	1.32	29.55	1.34	31.55	1.36	33.12	1.39
	75	24.67	1.30	26.23	1.34	27.80	1.39	28.93	1.41	30.93	1.43	32.49	1.46
	80	24.06	1.36	25.62	1.41	27.18	1.46	28.31	1.48	30.31	1.51	31.87	1.54
	85	23.45	1.43	25.01	1.48	26.57	1.53	27.70	1.55	29.69	1.58	31.24	1.61
	90	22.85	1.49	24.41	1.55	25.96	1.61	27.08	1.62	29.07	1.65	30.62	1.69
	95	22.20	1.56	23.74	1.62	25.29	1.68	26.00	1.70	28.38	1.73	29.93	1.76
	100	21.66	1.63	23.20	1.69	24.75	1.75	25.66	1.77	27.84	1.80	29.39	1.84
	105	21.12	1.69	22.66	1.75	24.21	1.82	25.33	1.84	27.30	1.87	28.85	1.91
	110	20.58	1.76	22.12	1.82	23.67	1.89	24.79	1.91	26.76	1.95	28.31	1.99
	115	20.04	1.83	21.58	1.89	23.13	1.96	24.25	1.98	26.22	2.02	27.77	2.06
	118	19.71	1.87	21.26	1.93	22.80	2.00	23.92	2.03	25.90	2.07	27.44	2.11
	122	19.60	1.92	21.15	1.99	22.70	2.06	23.81	2.08	25.79	2.12	27.34	2.17
27	-4	26.54	1.05	28.19	1.09	29.84	1.13	31.03	1.14	33.14	1.16	34.79	1.18
	0	26.53	1.06	28.18	1.10	29.83	1.14	31.02	1.15	33.12	1.17	34.77	1.20
	5	26.51	1.08	28.15	1.12	29.80	1.16	30.99	1.17	33.09	1.19	34.74	1.22
	10	26.49	1.09	28.13	1.13	29.78	1.17	30.97	1.19	33.07	1.21	34.71	1.23
	14	26.47	1.11	28.11	1.15	29.76	1.19	30.94	1.20	33.04	1.23	34.69	1.25
	20	26.45	1.12	28.09	1.16	29.73	1.21	30.92	1.22	33.02	1.24	34.66	1.27
	25	26.43	1.14	28.07	1.18	29.71	1.22	30.90	1.24	32.99	1.26	34.63	1.29
	30	26.41	1.16	28.05	1.20	29.69	1.24	30.87	1.26	32.97	1.28	34.61	1.31
	35	26.39	1.17	28.03	1.21	29.66	1.26	30.85	1.27	32.94	1.30	34.58	1.32
	40	26.37	1.19	28.00	1.23	29.64	1.28	30.82	1.29	32.92	1.31	34.55	1.34
	45	26.35	1.20	27.98	1.25	29.62	1.29	30.80	1.31	32.89	1.33	34.53	1.36
	50	26.33	1.22	27.96	1.26	29.60	1.31	30.78	1.33	32.87	1.35	34.50	1.38
	55	26.31	1.24	27.94	1.28	29.57	1.33	30.75	1.34	32.84	1.37	34.48	1.40
	60	26.29	1.25	27.92	1.30	29.55	1.34	30.73	1.36	32.82	1.39	34.45	1.41
	65	26.27	1.27	27.90	1.31	29.53	1.36	30.71	1.38	32.79	1.40	34.42	1.43
	70	26.25	1.28	27.88	1.33	29.51	1.38	30.68	1.39	32.77	1.42	34.40	1.45
	75	25.61	1.35	27.24	1.40	28.87	1.45	30.04	1.47	32.12	1.50	33.74	1.53
	80	24.98	1.42	26.60	1.47	28.23	1.53	29.40	1.54	31.47	1.57	33.09	1.61
	85	24.36	1.49	25.97	1.55	27.59	1.60	28.76	1.62	30.83	1.65	32.45	1.68
	90	23.73	1.56	25.34	1.62	26.96	1.68	28.12	1.70	30.19	1.73	31.80	1.76
	95	23.05	1.63	24.66	1.69	26.26	1.75	27.00	1.77	29.48	1.80	31.08	1.84
	100	22.49	1.70	24.10	1.76	25.70	1.82	26.65	1.85	28.91	1.88	30.52	1.92
	105	21.93	1.77	23.53	1.83	25.14	1.90	26.30	1.92	28.35	1.96	29.96	2.00
	110	21.37	1.84	22.97	1.90	24.58	1.97	25.74	2.00	27.79	2.03	29.40	2.07
	115	20.81	1.91	22.41	1.98	24.02	2.05	25.18	2.07	27.23	2.11	28.84	2.15
	118	20.47	1.95	22.08	2.02	23.68	2.09	24.84	2.12	26.89	2.16	28.50	2.20
	122	20.36	2.00	21.96	2.08	23.57	2.15	24.73	2.18	26.78	2.22	28.39	2.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 114: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	27.53	1.09	29.24	1.13	30.95	1.17	32.18	1.19	34.37	1.21	36.08	1.23
	0	27.51	1.10	29.22	1.14	30.93	1.19	32.16	1.20	34.35	1.22	36.06	1.25
	5	27.49	1.12	29.20	1.16	30.90	1.21	32.14	1.22	34.32	1.24	36.03	1.27
	10	27.47	1.14	29.18	1.18	30.88	1.22	32.11	1.24	34.29	1.26	36.00	1.29
	14	27.45	1.16	29.15	1.20	30.86	1.24	32.09	1.26	34.27	1.28	35.97	1.30
	20	27.43	1.17	29.13	1.21	30.83	1.26	32.06	1.27	34.24	1.30	35.94	1.32
	25	27.41	1.19	29.11	1.23	30.81	1.28	32.04	1.29	34.21	1.32	35.92	1.34
	30	27.39	1.21	29.09	1.25	30.79	1.29	32.02	1.31	34.19	1.33	35.89	1.36
	35	27.36	1.22	29.06	1.27	30.76	1.31	31.99	1.33	34.16	1.35	35.86	1.38
	40	27.34	1.24	29.04	1.28	30.74	1.33	31.97	1.35	34.14	1.37	35.83	1.40
	45	27.32	1.25	29.02	1.30	30.72	1.35	31.94	1.36	34.11	1.39	35.81	1.42
	50	27.30	1.27	29.00	1.32	30.69	1.37	31.92	1.38	34.08	1.41	35.78	1.44
	55	27.28	1.29	28.98	1.34	30.67	1.38	31.89	1.40	34.06	1.43	35.75	1.45
	60	27.26	1.30	28.95	1.35	30.65	1.40	31.87	1.42	34.03	1.44	35.72	1.47
	65	27.24	1.32	28.93	1.37	30.62	1.42	31.84	1.44	34.01	1.46	35.70	1.49
	70	27.22	1.34	28.91	1.39	30.60	1.44	31.82	1.45	33.98	1.48	35.67	1.51
	75	26.56	1.41	28.25	1.46	29.94	1.51	31.15	1.53	33.31	1.56	34.99	1.59
	80	25.91	1.48	27.59	1.54	29.27	1.59	30.49	1.61	32.64	1.64	34.32	1.67
	85	25.26	1.55	26.94	1.61	28.61	1.67	29.83	1.69	31.97	1.72	33.65	1.76
	90	24.61	1.63	26.28	1.69	27.96	1.75	29.17	1.77	31.30	1.80	32.98	1.84
	95	23.91	1.70	25.57	1.76	27.24	1.83	28.00	1.85	30.57	1.88	32.23	1.92
	100	23.32	1.77	24.99	1.84	26.65	1.90	27.64	1.92	29.98	1.96	31.65	2.00
	105	22.74	1.84	24.41	1.91	26.07	1.98	27.27	2.00	29.40	2.04	31.07	2.08
	110	22.16	1.92	23.82	1.99	25.49	2.06	26.69	2.08	28.82	2.12	30.49	2.16
	115	21.58	1.99	23.24	2.06	24.91	2.14	26.11	2.16	28.24	2.20	29.90	2.24
	118	21.23	2.03	22.89	2.10	24.56	2.18	25.76	2.21	27.89	2.25	29.55	2.29
	122	21.11	2.09	22.78	2.16	24.44	2.24	25.64	2.27	27.77	2.31	29.44	2.36
29	-4	28.51	1.14	30.28	1.18	32.05	1.22	33.33	1.24	35.59	1.26	37.36	1.28
	0	28.50	1.15	30.27	1.19	32.03	1.24	33.31	1.25	35.57	1.27	37.34	1.30
	5	28.47	1.17	30.24	1.21	32.01	1.26	33.29	1.27	35.54	1.29	37.31	1.32
	10	28.45	1.19	30.22	1.23	31.98	1.27	33.26	1.29	35.52	1.31	37.28	1.34
	14	28.43	1.20	30.19	1.25	31.96	1.29	33.23	1.31	35.49	1.33	37.26	1.36
	20	28.41	1.22	30.17	1.27	31.94	1.31	33.21	1.33	35.46	1.35	37.23	1.38
	25	28.39	1.24	30.15	1.28	31.91	1.33	33.18	1.35	35.44	1.37	37.20	1.40
	30	28.36	1.26	30.13	1.30	31.89	1.35	33.16	1.36	35.41	1.39	37.17	1.42
	35	28.34	1.27	30.10	1.32	31.86	1.37	33.13	1.38	35.38	1.41	37.14	1.44
	40	28.32	1.29	30.08	1.34	31.84	1.39	33.11	1.40	35.36	1.43	37.11	1.46
	45	28.30	1.31	30.06	1.35	31.81	1.40	33.08	1.42	35.33	1.45	37.09	1.48
	50	28.28	1.32	30.03	1.37	31.79	1.42	33.06	1.44	35.30	1.47	37.06	1.50
	55	28.26	1.34	30.01	1.39	31.76	1.44	33.03	1.46	35.27	1.49	37.03	1.52
	60	28.23	1.36	29.99	1.41	31.74	1.46	33.01	1.48	35.25	1.50	37.00	1.53
	65	28.21	1.38	29.96	1.43	31.72	1.48	32.98	1.50	35.22	1.52	36.97	1.55
	70	28.19	1.39	29.94	1.44	31.69	1.50	32.96	1.51	35.19	1.54	36.94	1.57
	75	27.51	1.47	29.26	1.52	31.00	1.58	32.27	1.60	34.50	1.63	36.24	1.66
	80	26.83	1.54	28.58	1.60	30.32	1.66	31.58	1.68	33.80	1.71	35.54	1.74
	85	26.16	1.62	27.90	1.68	29.64	1.74	30.89	1.76	33.11	1.79	34.85	1.83
	90	25.49	1.69	27.22	1.76	28.96	1.82	30.21	1.84	32.42	1.88	34.16	1.91
	95	24.76	1.77	26.48	1.83	28.21	1.90	29.00	1.92	31.66	1.96	33.38	2.00
	100	24.16	1.84	25.88	1.91	27.61	1.98	28.62	2.00	31.06	2.04	32.78	2.08
	105	23.55	1.92	25.28	1.99	27.00	2.06	28.25	2.09	30.45	2.13	32.18	2.17
	110	22.95	1.99	24.68	2.07	26.40	2.14	27.65	2.17	29.85	2.21	31.57	2.25
	115	22.35	2.07	24.07	2.15	25.80	2.22	27.04	2.25	29.25	2.29	30.97	2.34
	118	21.99	2.11	23.71	2.19	25.44	2.27	26.68	2.30	28.88	2.34	30.61	2.39
	122	21.86	2.18	23.59	2.25	25.31	2.34	26.56	2.36	28.76	2.41	30.49	2.46

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 115: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	29.49	1.18	31.33	1.23	33.16	1.27	34.48	1.29	36.82	1.31	38.65	1.34
	0	29.48	1.20	31.31	1.24	33.14	1.29	34.46	1.30	36.80	1.32	38.63	1.35
	5	29.45	1.22	31.28	1.26	33.11	1.31	34.43	1.32	36.77	1.35	38.60	1.37
	10	29.43	1.23	31.26	1.28	33.09	1.33	34.41	1.34	36.74	1.37	38.57	1.39
	14	29.41	1.25	31.24	1.30	33.06	1.34	34.38	1.36	36.71	1.39	38.54	1.41
	20	29.39	1.27	31.21	1.32	33.04	1.36	34.35	1.38	36.69	1.41	38.51	1.43
	25	29.36	1.29	31.19	1.33	33.01	1.38	34.33	1.40	36.66	1.43	38.48	1.45
	30	29.34	1.31	31.16	1.35	32.99	1.40	34.30	1.42	36.63	1.45	38.45	1.47
	35	29.32	1.32	31.14	1.37	32.96	1.42	34.28	1.44	36.60	1.47	38.42	1.49
	40	29.30	1.34	31.12	1.39	32.94	1.44	34.25	1.46	36.57	1.49	38.39	1.52
	45	29.27	1.36	31.09	1.41	32.91	1.46	34.22	1.48	36.55	1.51	38.36	1.54
	50	29.25	1.38	31.07	1.43	32.89	1.48	34.20	1.50	36.52	1.52	38.34	1.56
	55	29.23	1.40	31.04	1.45	32.86	1.50	34.17	1.52	36.49	1.54	38.31	1.58
	60	29.21	1.41	31.02	1.47	32.83	1.52	34.14	1.54	36.46	1.56	38.28	1.60
	65	29.18	1.43	31.00	1.48	32.81	1.54	34.12	1.56	36.43	1.58	38.25	1.62
	70	29.16	1.45	30.97	1.50	32.78	1.56	34.09	1.58	36.41	1.60	38.22	1.64
	75	28.46	1.53	30.27	1.58	32.07	1.64	33.38	1.66	35.69	1.69	37.49	1.73
	80	27.76	1.61	29.56	1.66	31.36	1.73	32.66	1.75	34.97	1.78	36.77	1.81
	85	27.06	1.68	28.86	1.75	30.66	1.81	31.96	1.83	34.25	1.86	36.05	1.90
	90	26.37	1.76	28.16	1.83	29.95	1.89	31.25	1.92	33.54	1.95	35.33	1.99
	95	25.61	1.84	27.40	1.91	29.18	1.98	30.00	2.00	32.75	2.04	34.53	2.08
	100	24.99	1.92	26.77	1.99	28.56	2.06	29.61	2.08	32.13	2.12	33.91	2.17
31	105	24.37	2.00	26.15	2.07	27.93	2.15	29.22	2.17	31.50	2.21	33.29	2.26
	110	23.74	2.07	25.53	2.15	27.31	2.23	28.60	2.25	30.88	2.30	32.66	2.34
	115	23.12	2.15	24.90	2.23	26.69	2.31	27.98	2.34	30.26	2.38	32.04	2.43
	118	22.74	2.20	24.53	2.28	26.31	2.36	27.60	2.39	29.88	2.44	31.67	2.48
	122	22.62	2.26	24.40	2.35	26.19	2.43	27.48	2.46	29.76	2.50	31.54	2.56
	-4	30.48	1.23	32.37	1.27	34.26	1.32	35.63	1.34	38.05	1.36	39.94	1.39
	0	30.46	1.24	32.35	1.29	34.24	1.34	35.61	1.35	38.03	1.38	39.92	1.40
	5	30.44	1.26	32.33	1.31	34.22	1.36	35.58	1.37	38.00	1.40	39.89	1.43
	10	30.41	1.28	32.30	1.33	34.19	1.38	35.55	1.39	37.97	1.42	39.86	1.45
	14	30.39	1.30	32.28	1.35	34.16	1.40	35.53	1.41	37.94	1.44	39.83	1.47
	20	30.37	1.32	32.25	1.37	34.14	1.42	35.50	1.43	37.91	1.46	39.80	1.49
	25	30.34	1.34	32.23	1.39	34.11	1.44	35.47	1.45	37.88	1.48	39.77	1.51
	30	30.32	1.36	32.20	1.41	34.09	1.46	35.45	1.47	37.85	1.50	39.73	1.53
	35	30.30	1.38	32.18	1.43	34.06	1.48	35.42	1.49	37.82	1.52	39.70	1.55
	40	30.27	1.39	32.15	1.44	34.03	1.50	35.39	1.51	37.79	1.54	39.67	1.57
	45	30.25	1.41	32.13	1.46	34.01	1.52	35.36	1.54	37.76	1.56	39.64	1.60
	50	30.23	1.43	32.10	1.48	33.98	1.54	35.34	1.56	37.74	1.58	39.61	1.62
	55	30.20	1.45	32.08	1.50	33.96	1.56	35.31	1.58	37.71	1.61	39.58	1.64
	60	30.18	1.47	32.05	1.52	33.93	1.58	35.28	1.60	37.68	1.63	39.55	1.66
	65	30.16	1.49	32.03	1.54	33.90	1.60	35.26	1.62	37.65	1.65	39.52	1.68
	70	30.13	1.51	32.01	1.56	33.88	1.62	35.23	1.64	37.62	1.67	39.49	1.70
	75	29.41	1.59	31.28	1.65	33.14	1.71	34.49	1.73	36.88	1.76	38.74	1.79
	80	28.68	1.67	30.55	1.73	32.41	1.79	33.75	1.81	36.13	1.85	38.00	1.88
	85	27.97	1.75	29.82	1.81	31.68	1.88	33.02	1.90	35.40	1.94	37.25	1.98
	90	27.25	1.83	29.10	1.90	30.95	1.97	32.29	1.99	34.66	2.03	36.51	2.07
	95	26.47	1.91	28.31	1.98	30.15	2.05	31.00	2.08	33.84	2.12	35.69	2.16
	100	25.82	1.99	27.67	2.07	29.51	2.14	30.60	2.17	33.20	2.21	35.04	2.25
	105	25.18	2.07	27.02	2.15	28.87	2.23	30.20	2.25	32.55	2.30	34.40	2.34
	110	24.53	2.16	26.38	2.23	28.22	2.32	29.55	2.34	31.91	2.39	33.75	2.44
	115	23.89	2.24	25.73	2.32	27.58	2.40	28.91	2.43	31.26	2.48	33.11	2.53
	118	23.50	2.29	25.35	2.37	27.19	2.46	28.52	2.48	30.88	2.53	32.72	2.58
	122	23.37	2.35	25.22	2.44	27.06	2.53	28.39	2.56	30.75	2.60	32.59	2.66

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 116: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	31.46	1.28	33.41	1.32	35.37	1.37	36.78	1.39	39.28	1.41	41.23	1.44
	0	31.44	1.29	33.40	1.34	35.35	1.39	36.76	1.40	39.25	1.43	41.21	1.46
	5	31.42	1.31	33.37	1.36	35.32	1.41	36.73	1.42	39.22	1.45	41.17	1.48
	10	31.39	1.33	33.34	1.38	35.29	1.43	36.70	1.45	39.19	1.47	41.14	1.50
	14	31.37	1.35	33.32	1.40	35.27	1.45	36.67	1.47	39.16	1.49	41.11	1.52
	20	31.35	1.37	33.29	1.42	35.24	1.47	36.64	1.49	39.13	1.52	41.08	1.55
	25	31.32	1.39	33.27	1.44	35.21	1.49	36.62	1.51	39.10	1.54	41.05	1.57
	30	31.30	1.41	33.24	1.46	35.19	1.51	36.59	1.53	39.07	1.56	41.02	1.59
	35	31.27	1.43	33.22	1.48	35.16	1.53	36.56	1.55	39.04	1.58	40.99	1.61
	40	31.25	1.45	33.19	1.50	35.13	1.55	36.53	1.57	39.01	1.60	40.95	1.63
	45	31.23	1.47	33.17	1.52	35.10	1.58	36.51	1.59	38.98	1.62	40.92	1.66
	50	31.20	1.49	33.14	1.54	35.08	1.60	36.48	1.61	38.95	1.64	40.89	1.68
	55	31.18	1.51	33.11	1.56	35.05	1.62	36.45	1.64	38.92	1.67	40.86	1.70
	60	31.15	1.52	33.09	1.58	35.02	1.64	36.42	1.66	38.89	1.69	40.83	1.72
	65	31.13	1.54	33.06	1.60	35.00	1.66	36.39	1.68	38.86	1.71	40.80	1.74
	70	31.11	1.56	33.04	1.62	34.97	1.68	36.37	1.70	38.83	1.73	40.77	1.77
	75	30.36	1.65	32.28	1.71	34.21	1.77	35.60	1.79	38.07	1.82	39.99	1.86
	80	29.61	1.73	31.53	1.80	33.45	1.86	34.84	1.88	37.30	1.92	39.22	1.96
	85	28.87	1.82	30.78	1.88	32.70	1.95	34.09	1.97	36.54	2.01	38.46	2.05
	90	28.13	1.90	30.04	1.97	31.95	2.04	33.33	2.07	35.78	2.10	37.69	2.15
	95	27.32	1.99	29.22	2.06	31.13	2.13	32.00	2.16	34.93	2.20	36.84	2.24
	100	26.65	2.07	28.56	2.15	30.46	2.22	31.59	2.25	34.27	2.29	36.17	2.34
	105	25.99	2.15	27.89	2.23	29.80	2.31	31.17	2.34	33.60	2.38	35.51	2.43
	110	25.32	2.24	27.23	2.32	29.13	2.40	30.51	2.43	32.94	2.48	34.84	2.53
	115	24.66	2.32	26.56	2.41	28.47	2.50	29.84	2.52	32.27	2.57	34.18	2.62
	118	24.26	2.37	26.16	2.46	28.07	2.55	29.44	2.58	31.87	2.63	33.78	2.68
	122	24.13	2.44	26.03	2.53	27.93	2.62	29.31	2.65	31.74	2.70	33.64	2.76
33	-4	32.44	1.32	34.46	1.37	36.47	1.42	37.93	1.44	40.50	1.47	42.52	1.49
	0	32.43	1.34	34.44	1.39	36.45	1.44	37.91	1.45	40.48	1.48	42.49	1.51
	5	32.40	1.36	34.41	1.41	36.42	1.46	37.88	1.48	40.45	1.51	42.46	1.54
	10	32.37	1.38	34.39	1.43	36.40	1.48	37.85	1.50	40.42	1.53	42.43	1.56
	14	32.35	1.40	34.36	1.45	36.37	1.50	37.82	1.52	40.39	1.55	42.40	1.58
	20	32.33	1.42	34.33	1.47	36.34	1.53	37.79	1.54	40.36	1.57	42.36	1.60
	25	32.30	1.44	34.31	1.49	36.31	1.55	37.76	1.57	40.32	1.59	42.33	1.63
	30	32.28	1.46	34.28	1.51	36.28	1.57	37.73	1.59	40.29	1.62	42.30	1.65
	35	32.25	1.48	34.25	1.53	36.26	1.59	37.70	1.61	40.26	1.64	42.27	1.67
	40	32.23	1.50	34.23	1.56	36.23	1.61	37.67	1.63	40.23	1.66	42.23	1.69
	45	32.20	1.52	34.20	1.58	36.20	1.63	37.65	1.65	40.20	1.68	42.20	1.72
	50	32.18	1.54	34.18	1.60	36.17	1.66	37.62	1.67	40.17	1.71	42.17	1.74
	55	32.15	1.56	34.15	1.62	36.15	1.68	37.59	1.70	40.14	1.73	42.14	1.76
	60	32.13	1.58	34.12	1.64	36.12	1.70	37.56	1.72	40.11	1.75	42.10	1.79
	65	32.10	1.60	34.10	1.66	36.09	1.72	37.53	1.74	40.08	1.77	42.07	1.81
	70	32.08	1.62	34.07	1.68	36.06	1.74	37.50	1.76	40.05	1.79	42.04	1.83
	75	31.31	1.71	33.29	1.77	35.28	1.84	36.72	1.86	39.26	1.89	41.24	1.93
	80	30.53	1.80	32.52	1.86	34.50	1.93	35.93	1.95	38.46	1.99	40.45	2.03
	85	29.77	1.88	31.75	1.95	33.72	2.02	35.15	2.05	37.68	2.09	39.66	2.13
	90	29.00	1.97	30.98	2.04	32.95	2.12	34.37	2.14	36.89	2.18	38.87	2.23
	95	28.17	2.06	30.14	2.13	32.10	2.21	33.00	2.24	36.03	2.28	37.99	2.33
	100	27.49	2.15	29.45	2.22	31.41	2.31	32.57	2.33	35.34	2.38	37.30	2.42
	105	26.80	2.23	28.76	2.32	30.73	2.40	32.14	2.43	34.65	2.47	36.62	2.52
	110	26.12	2.32	28.08	2.41	30.04	2.49	31.46	2.52	33.97	2.57	35.93	2.62
	115	25.43	2.41	27.39	2.50	29.36	2.59	30.77	2.62	33.28	2.67	35.24	2.72
	118	25.02	2.46	26.98	2.55	28.94	2.64	30.36	2.67	32.87	2.72	34.83	2.78
	122	24.88	2.53	26.84	2.62	28.81	2.72	30.22	2.75	32.73	2.80	34.69	2.86

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 117: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	33.43	1.37	35.50	1.42	37.58	1.47	39.08	1.49	41.73	1.52	43.81	1.55
	0	33.41	1.39	35.48	1.44	37.56	1.49	39.06	1.51	41.71	1.53	43.78	1.57
	5	33.38	1.41	35.45	1.46	37.53	1.51	39.02	1.53	41.67	1.56	43.75	1.59
	10	33.36	1.43	35.43	1.48	37.50	1.54	38.99	1.55	41.64	1.58	43.71	1.61
	14	33.33	1.45	35.40	1.50	37.47	1.56	38.96	1.58	41.61	1.61	43.68	1.64
	20	33.30	1.47	35.37	1.53	37.44	1.58	38.94	1.60	41.58	1.63	43.65	1.66
	25	33.28	1.49	35.35	1.55	37.41	1.60	38.91	1.62	41.55	1.65	43.61	1.69
	30	33.25	1.51	35.32	1.57	37.38	1.63	38.88	1.64	41.51	1.68	43.58	1.71
	35	33.23	1.53	35.29	1.59	37.36	1.65	38.85	1.67	41.48	1.70	43.55	1.73
	40	33.20	1.55	35.27	1.61	37.33	1.67	38.82	1.69	41.45	1.72	43.51	1.76
	45	33.18	1.58	35.24	1.63	37.30	1.69	38.79	1.71	41.42	1.74	43.48	1.78
	50	33.15	1.60	35.21	1.65	37.27	1.72	38.76	1.74	41.39	1.77	43.45	1.80
	55	33.13	1.62	35.18	1.68	37.24	1.74	38.73	1.76	41.36	1.79	43.41	1.83
	60	33.10	1.64	35.16	1.70	37.21	1.76	38.70	1.78	41.32	1.81	43.38	1.85
	65	33.08	1.66	35.13	1.72	37.18	1.78	38.67	1.80	41.29	1.84	43.35	1.87
	70	33.05	1.68	35.10	1.74	37.16	1.80	38.64	1.83	41.26	1.86	43.31	1.90
	75	32.26	1.77	34.30	1.84	36.35	1.90	37.83	1.92	40.45	1.96	42.49	2.00
	80	31.46	1.86	33.50	1.93	35.54	2.00	37.02	2.02	39.63	2.06	41.67	2.10
	85	30.67	1.95	32.71	2.02	34.75	2.10	36.22	2.12	38.82	2.16	40.86	2.20
	90	29.88	2.04	31.92	2.12	33.95	2.19	35.42	2.22	38.01	2.26	40.05	2.31
	95	29.03	2.13	31.05	2.21	33.07	2.29	34.00	2.32	37.12	2.36	39.14	2.41
	100	28.32	2.22	30.34	2.30	32.37	2.39	33.56	2.42	36.41	2.46	38.43	2.51
	105	27.61	2.31	29.64	2.40	31.66	2.49	33.12	2.52	35.70	2.56	37.73	2.61
35	110	26.91	2.41	28.93	2.49	30.95	2.58	32.41	2.61	35.00	2.66	37.02	2.72
	115	26.20	2.50	28.22	2.59	30.24	2.68	31.71	2.71	34.29	2.76	36.31	2.82
	118	25.78	2.55	27.80	2.64	29.82	2.74	31.28	2.77	33.87	2.82	35.89	2.88
	122	25.63	2.62	27.66	2.72	29.68	2.82	31.14	2.85	33.72	2.90	35.75	2.96
	-4	34.41	1.42	36.55	1.47	38.68	1.53	40.23	1.54	42.96	1.57	45.09	1.60
	0	34.39	1.44	36.53	1.49	38.66	1.54	40.21	1.56	42.93	1.59	45.07	1.62
	5	34.36	1.46	36.50	1.51	38.63	1.57	40.17	1.59	42.90	1.61	45.03	1.65
	10	34.34	1.48	36.47	1.53	38.60	1.59	40.14	1.61	42.87	1.64	45.00	1.67
	14	34.31	1.50	36.44	1.56	38.57	1.61	40.11	1.63	42.83	1.66	44.96	1.70
	20	34.28	1.52	36.41	1.58	38.54	1.64	40.08	1.66	42.80	1.69	44.93	1.72
	25	34.26	1.55	36.39	1.60	38.51	1.66	40.05	1.68	42.77	1.71	44.90	1.74
	30	34.23	1.57	36.36	1.62	38.48	1.68	40.02	1.70	42.74	1.73	44.86	1.77
	35	34.21	1.59	36.33	1.65	38.45	1.71	39.99	1.73	42.70	1.76	44.83	1.79
	40	34.18	1.61	36.30	1.67	38.42	1.73	39.96	1.75	42.67	1.78	44.79	1.82
	45	34.15	1.63	36.27	1.69	38.40	1.75	39.93	1.77	42.64	1.81	44.76	1.84
	50	34.13	1.65	36.25	1.71	38.37	1.78	39.90	1.80	42.61	1.83	44.72	1.87
	55	34.10	1.67	36.22	1.74	38.34	1.80	39.87	1.82	42.57	1.85	44.69	1.89
	60	34.07	1.70	36.19	1.76	38.31	1.82	39.84	1.84	42.54	1.88	44.66	1.92
	65	34.05	1.72	36.16	1.78	38.28	1.85	39.81	1.87	42.51	1.90	44.62	1.94
	70	34.02	1.74	36.14	1.80	38.25	1.87	39.77	1.89	42.47	1.93	44.59	1.96
	75	33.20	1.83	35.31	1.90	37.42	1.97	38.94	1.99	41.63	2.03	43.74	2.07
	80	32.39	1.93	34.49	2.00	36.59	2.07	38.11	2.09	40.80	2.13	42.90	2.18
	85	31.57	2.02	33.67	2.09	35.77	2.17	37.28	2.20	39.96	2.24	42.06	2.28
	90	30.76	2.11	32.85	2.19	34.95	2.27	36.46	2.30	39.13	2.34	41.22	2.39
	95	29.88	2.21	31.96	2.29	34.04	2.37	35.00	2.40	38.21	2.44	40.29	2.49
	100	29.15	2.30	31.24	2.39	33.32	2.47	34.55	2.50	37.48	2.55	39.56	2.60
	105	28.43	2.40	30.51	2.48	32.59	2.57	34.09	2.60	36.75	2.65	38.83	2.71
	110	27.70	2.49	29.78	2.58	31.86	2.68	33.37	2.71	36.03	2.76	38.11	2.81
	115	26.97	2.58	29.05	2.68	31.13	2.78	32.64	2.81	35.30	2.86	37.38	2.92
	118	26.53	2.64	28.62	2.74	30.70	2.84	32.20	2.87	34.86	2.92	36.94	2.98
	122	26.39	2.72	28.47	2.81	30.55	2.92	32.06	2.95	34.72	3.01	36.80	3.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 118: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	35.39	1.47	37.59	1.52	39.79	1.58	41.38	1.60	44.19	1.63	46.38	1.66
	0	35.37	1.48	37.57	1.54	39.77	1.60	41.35	1.61	44.16	1.64	46.36	1.68
	5	35.34	1.51	37.54	1.56	39.73	1.62	41.32	1.64	44.12	1.67	46.32	1.70
	10	35.32	1.53	37.51	1.59	39.70	1.65	41.29	1.66	44.09	1.70	46.28	1.73
	14	35.29	1.55	37.48	1.61	39.67	1.67	41.26	1.69	44.06	1.72	46.25	1.75
	20	35.26	1.58	37.45	1.63	39.64	1.69	41.23	1.71	44.02	1.74	46.21	1.78
	25	35.24	1.60	37.43	1.66	39.61	1.72	41.19	1.74	43.99	1.77	46.18	1.81
	30	35.21	1.62	37.40	1.68	39.58	1.74	41.16	1.76	43.96	1.79	46.14	1.83
	35	35.18	1.64	37.37	1.70	39.55	1.77	41.13	1.79	43.92	1.82	46.11	1.86
	40	35.16	1.67	37.34	1.73	39.52	1.79	41.10	1.81	43.89	1.84	46.07	1.88
	45	35.13	1.69	37.31	1.75	39.49	1.81	41.07	1.83	43.86	1.87	46.04	1.91
	50	35.10	1.71	37.28	1.77	39.46	1.84	41.04	1.86	43.82	1.89	46.00	1.93
	55	35.08	1.73	37.25	1.80	39.43	1.86	41.01	1.88	43.79	1.92	45.97	1.96
	60	35.05	1.75	37.23	1.82	39.40	1.89	40.97	1.91	43.76	1.94	45.93	1.98
	65	35.02	1.78	37.20	1.84	39.37	1.91	40.94	1.93	43.72	1.97	45.90	2.01
	70	34.99	1.80	37.17	1.86	39.34	1.93	40.91	1.96	43.69	1.99	45.86	2.03
	75	34.15	1.90	36.32	1.97	38.49	2.04	40.05	2.06	42.82	2.10	44.99	2.14
	80	33.31	1.99	35.47	2.07	37.64	2.14	39.20	2.17	41.96	2.21	44.12	2.25
	85	32.48	2.09	34.63	2.17	36.79	2.25	38.35	2.27	41.10	2.31	43.26	2.36
	90	31.64	2.19	33.79	2.27	35.94	2.35	37.50	2.38	40.25	2.42	42.40	2.47
	95	30.74	2.28	32.88	2.37	35.02	2.45	36.00	2.48	39.30	2.53	41.44	2.58
	100	29.99	2.38	32.13	2.47	34.27	2.56	35.53	2.59	38.55	2.64	40.69	2.69
	105	29.24	2.48	31.38	2.57	33.52	2.66	35.07	2.69	37.80	2.74	39.94	2.80
	110	28.49	2.58	30.63	2.67	32.77	2.77	34.32	2.80	37.05	2.85	39.20	2.91
	115	27.74	2.67	29.88	2.77	32.02	2.87	33.57	2.90	36.31	2.96	38.45	3.02
	118	27.29	2.73	29.43	2.83	31.57	2.93	33.12	2.97	35.86	3.02	38.00	3.08
	122	27.14	2.81	29.28	2.91	31.43	3.02	32.97	3.05	35.71	3.11	37.85	3.17
37	-4	36.38	1.52	38.64	1.58	40.89	1.64	42.53	1.65	45.41	1.68	47.67	1.72
	0	36.36	1.54	38.61	1.59	40.87	1.65	42.50	1.67	45.39	1.70	47.65	1.74
	5	36.33	1.56	38.58	1.62	40.84	1.68	42.47	1.70	45.35	1.73	47.61	1.77
	10	36.30	1.59	38.55	1.64	40.81	1.70	42.44	1.72	45.32	1.76	47.57	1.79
	14	36.27	1.61	38.52	1.67	40.78	1.73	42.40	1.75	45.28	1.78	47.53	1.82
	20	36.24	1.63	38.49	1.69	40.75	1.75	42.37	1.77	45.25	1.81	47.50	1.84
	25	36.22	1.66	38.46	1.72	40.71	1.78	42.34	1.80	45.21	1.83	47.46	1.87
	30	36.19	1.68	38.44	1.74	40.68	1.80	42.31	1.82	45.18	1.86	47.43	1.90
	35	36.16	1.70	38.41	1.76	40.65	1.83	42.27	1.85	45.14	1.88	47.39	1.92
	40	36.13	1.73	38.38	1.79	40.62	1.85	42.24	1.88	45.11	1.91	47.35	1.95
	45	36.11	1.75	38.35	1.81	40.59	1.88	42.21	1.90	45.07	1.94	47.32	1.97
	50	36.08	1.77	38.32	1.84	40.56	1.90	42.18	1.93	45.04	1.96	47.28	2.00
	55	36.05	1.79	38.29	1.86	40.53	1.93	42.14	1.95	45.01	1.99	47.24	2.03
	60	36.02	1.82	38.26	1.88	40.50	1.95	42.11	1.98	44.97	2.01	47.21	2.05
	65	35.99	1.84	38.23	1.91	40.47	1.98	42.08	2.00	44.94	2.04	47.17	2.08
	70	35.97	1.86	38.20	1.93	40.43	2.00	42.05	2.03	44.90	2.06	47.14	2.11
	75	35.10	1.96	37.33	2.04	39.56	2.11	41.17	2.14	44.01	2.18	46.24	2.22
	80	34.24	2.07	36.46	2.14	38.68	2.22	40.29	2.24	43.13	2.29	45.35	2.33
	85	33.38	2.17	35.60	2.25	37.81	2.33	39.41	2.35	42.25	2.40	44.46	2.45
	90	32.52	2.27	34.73	2.35	36.94	2.44	38.54	2.46	41.37	2.51	43.58	2.56
	95	31.59	2.37	33.79	2.45	35.99	2.54	37.00	2.57	40.39	2.62	42.59	2.67
	100	30.82	2.47	33.02	2.56	35.22	2.65	36.52	2.68	39.62	2.73	41.82	2.79
	105	30.05	2.57	32.25	2.66	34.45	2.76	36.04	2.79	38.85	2.84	41.05	2.90
	110	29.28	2.67	31.48	2.77	33.68	2.87	35.27	2.90	38.08	2.95	40.28	3.01
	115	28.51	2.77	30.71	2.87	32.91	2.98	34.50	3.01	37.31	3.07	39.52	3.13
	118	28.05	2.83	30.25	2.93	32.45	3.04	34.04	3.08	36.85	3.13	39.05	3.20
	122	27.90	2.91	30.10	3.02	32.30	3.13	33.89	3.16	36.70	3.22	38.90	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 119: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	37.36	1.58	39.68	1.63	42.00	1.69	43.68	1.71	46.64	1.74	48.96	1.78
	0	37.34	1.59	39.66	1.65	41.98	1.71	43.65	1.73	46.61	1.76	48.93	1.80
	5	37.31	1.62	39.63	1.68	41.94	1.74	43.62	1.76	46.58	1.79	48.89	1.83
	10	37.28	1.64	39.59	1.70	41.91	1.77	43.58	1.79	46.54	1.82	48.86	1.86
	14	37.25	1.67	39.56	1.73	41.88	1.79	43.55	1.81	46.51	1.85	48.82	1.88
	20	37.22	1.69	39.53	1.75	41.85	1.82	43.52	1.84	46.47	1.87	48.78	1.91
	25	37.19	1.71	39.50	1.78	41.81	1.84	43.48	1.86	46.43	1.90	48.74	1.94
	30	37.17	1.74	39.47	1.80	41.78	1.87	43.45	1.89	46.40	1.92	48.71	1.96
	35	37.14	1.76	39.44	1.83	41.75	1.89	43.42	1.92	46.36	1.95	48.67	1.99
	40	37.11	1.79	39.41	1.85	41.72	1.92	43.38	1.94	46.33	1.98	48.63	2.02
	45	37.08	1.81	39.38	1.88	41.69	1.95	43.35	1.97	46.29	2.00	48.60	2.04
	50	37.05	1.83	39.35	1.90	41.65	1.97	43.32	1.99	46.26	2.03	48.56	2.07
	55	37.02	1.86	39.32	1.93	41.62	2.00	43.28	2.02	46.22	2.06	48.52	2.10
	60	37.00	1.88	39.29	1.95	41.59	2.02	43.25	2.05	46.19	2.08	48.48	2.13
	65	36.97	1.91	39.26	1.98	41.56	2.05	43.22	2.07	46.15	2.11	48.45	2.15
	70	36.94	1.93	39.23	2.00	41.53	2.07	43.18	2.10	46.12	2.14	48.41	2.18
	75	36.05	2.03	38.34	2.11	40.63	2.19	42.28	2.21	45.20	2.25	47.49	2.30
	80	35.16	2.14	37.44	2.22	39.73	2.30	41.38	2.32	44.29	2.37	46.57	2.42
	85	34.28	2.24	36.56	2.32	38.83	2.41	40.48	2.44	43.39	2.48	45.67	2.53
	90	33.40	2.35	35.67	2.43	37.94	2.52	39.58	2.55	42.48	2.60	44.76	2.65
	95	32.44	2.45	34.70	2.54	36.96	2.63	38.00	2.66	41.48	2.71	43.74	2.77
	100	31.65	2.56	33.91	2.65	36.17	2.75	37.51	2.78	40.69	2.83	42.95	2.89
	105	30.86	2.66	33.12	2.76	35.38	2.86	37.02	2.89	39.90	2.94	42.16	3.00
	110	30.07	2.76	32.33	2.86	34.59	2.97	36.23	3.00	39.11	3.06	41.37	3.12
	115	29.28	2.87	31.54	2.97	33.80	3.08	35.44	3.12	38.32	3.17	40.58	3.24
	118	28.81	2.93	31.07	3.04	33.33	3.15	34.96	3.18	37.85	3.24	40.11	3.31
	122	28.65	3.01	30.91	3.12	33.17	3.24	34.80	3.27	37.69	3.34	39.95	3.40
39	-4	38.34	1.63	40.72	1.69	43.10	1.75	44.82	1.77	47.87	1.81	50.25	1.84
	0	38.32	1.65	40.70	1.71	43.08	1.77	44.80	1.79	47.84	1.83	50.22	1.86
	5	38.29	1.68	40.67	1.74	43.05	1.80	44.76	1.82	47.80	1.85	50.18	1.89
	10	38.26	1.70	40.64	1.76	43.01	1.83	44.73	1.85	47.77	1.88	50.14	1.92
	14	38.23	1.72	40.61	1.79	42.98	1.85	44.70	1.87	47.73	1.91	50.10	1.95
	20	38.20	1.75	40.57	1.81	42.95	1.88	44.66	1.90	47.69	1.94	50.07	1.98
	25	38.17	1.77	40.54	1.84	42.91	1.91	44.63	1.93	47.66	1.96	50.03	2.00
	30	38.14	1.80	40.51	1.86	42.88	1.93	44.59	1.96	47.62	1.99	49.99	2.03
	35	38.11	1.82	40.48	1.89	42.85	1.96	44.56	1.98	47.58	2.02	49.95	2.06
	40	38.09	1.85	40.45	1.92	42.82	1.99	44.52	2.01	47.55	2.05	49.91	2.09
	45	38.06	1.87	40.42	1.94	42.78	2.01	44.49	2.04	47.51	2.07	49.87	2.12
	50	38.03	1.90	40.39	1.97	42.75	2.04	44.46	2.06	47.47	2.10	49.84	2.14
	55	38.00	1.92	40.36	1.99	42.72	2.07	44.42	2.09	47.44	2.13	49.80	2.17
	60	37.97	1.95	40.33	2.02	42.69	2.09	44.39	2.12	47.40	2.16	49.76	2.20
	65	37.94	1.97	40.30	2.04	42.65	2.12	44.35	2.14	47.36	2.18	49.72	2.23
	70	37.91	2.00	40.27	2.07	42.62	2.15	44.32	2.17	47.33	2.21	49.68	2.26
	75	37.00	2.11	39.35	2.18	41.70	2.26	43.39	2.29	46.39	2.33	48.74	2.38
	80	36.09	2.21	38.43	2.29	40.77	2.38	42.46	2.40	45.46	2.45	47.80	2.50
	85	35.18	2.32	37.52	2.41	39.86	2.49	41.54	2.52	44.53	2.57	46.87	2.62
	90	34.28	2.43	36.61	2.52	38.94	2.61	40.62	2.64	43.60	2.69	45.93	2.74
	95	33.30	2.54	35.62	2.63	37.94	2.72	39.00	2.76	42.58	2.81	44.89	2.86
	100	32.49	2.64	34.81	2.74	37.12	2.84	38.49	2.87	41.76	2.93	44.08	2.99
	105	31.67	2.75	33.99	2.85	36.31	2.96	37.99	2.99	40.95	3.05	43.27	3.11
	110	30.86	2.86	33.18	2.96	35.50	3.07	37.18	3.11	40.14	3.17	42.46	3.23
	115	30.05	2.97	32.37	3.08	34.69	3.19	36.37	3.22	39.33	3.28	41.65	3.35
	118	29.57	3.03	31.89	3.14	34.21	3.26	35.88	3.29	38.85	3.36	41.16	3.42
	122	29.40	3.12	31.72	3.23	34.04	3.35	35.72	3.39	38.68	3.45	41.00	3.52

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 120: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	39.33	1.69	41.77	1.75	44.21	1.81	45.97	1.83	49.09	1.87	51.54	1.90
	0	39.30	1.70	41.74	1.77	44.19	1.83	45.95	1.85	49.07	1.89	51.51	1.93
	5	39.27	1.73	41.71	1.80	44.15	1.86	45.91	1.88	49.03	1.92	51.47	1.96
	10	39.24	1.76	41.68	1.82	44.12	1.89	45.88	1.91	48.99	1.95	51.43	1.99
	14	39.21	1.78	41.65	1.85	44.08	1.92	45.84	1.94	48.95	1.97	51.39	2.01
	20	39.18	1.81	41.62	1.88	44.05	1.94	45.81	1.97	48.92	2.00	51.35	2.04
	25	39.15	1.84	41.58	1.90	44.02	1.97	45.77	1.99	48.88	2.03	51.31	2.07
	30	39.12	1.86	41.55	1.93	43.98	2.00	45.74	2.02	48.84	2.06	51.27	2.10
	35	39.09	1.89	41.52	1.96	43.95	2.03	45.70	2.05	48.80	2.09	51.23	2.13
	40	39.06	1.91	41.49	1.98	43.91	2.05	45.67	2.08	48.77	2.12	51.19	2.16
	45	39.03	1.94	41.46	2.01	43.88	2.08	45.63	2.11	48.73	2.14	51.15	2.19
	50	39.00	1.96	41.42	2.03	43.85	2.11	45.60	2.13	48.69	2.17	51.11	2.22
	55	38.97	1.99	41.39	2.06	43.81	2.14	45.56	2.16	48.65	2.20	51.07	2.25
	60	38.94	2.01	41.36	2.09	43.78	2.16	45.53	2.19	48.62	2.23	51.04	2.27
	65	38.91	2.04	41.33	2.11	43.75	2.19	45.49	2.22	48.58	2.26	51.00	2.30
	70	38.88	2.07	41.30	2.14	43.71	2.22	45.46	2.24	48.54	2.29	50.96	2.33
	75	37.95	2.18	40.36	2.26	42.76	2.34	44.50	2.37	47.58	2.41	49.99	2.46
	80	37.01	2.29	39.41	2.37	41.82	2.46	43.55	2.49	46.62	2.53	49.03	2.58
	85	36.08	2.40	38.48	2.49	40.88	2.58	42.61	2.61	45.67	2.66	48.07	2.71
	90	35.16	2.51	37.55	2.60	39.94	2.70	41.67	2.73	44.72	2.78	47.11	2.84
	95	34.15	2.62	36.53	2.72	38.91	2.82	40.00	2.85	43.67	2.90	46.05	2.96
	100	33.32	2.73	35.70	2.83	38.08	2.94	39.48	2.97	42.84	3.03	45.21	3.09
	105	32.49	2.85	34.87	2.95	37.25	3.06	38.96	3.09	42.00	3.15	44.38	3.21
	110	31.66	2.96	34.03	3.07	36.41	3.18	38.13	3.21	41.17	3.27	43.55	3.34
	115	30.82	3.07	33.20	3.18	35.58	3.30	37.30	3.33	40.34	3.40	42.72	3.47
	118	30.32	3.14	32.70	3.25	35.08	3.37	36.80	3.41	39.84	3.47	42.22	3.54
	122	30.16	3.22	32.54	3.34	34.92	3.46	36.64	3.50	39.68	3.57	42.05	3.64
41	-4	40.31	1.74	42.81	1.81	45.32	1.87	47.12	1.89	50.32	1.93	52.83	1.97
	0	40.29	1.76	42.79	1.83	45.29	1.89	47.10	1.91	50.29	1.95	52.80	1.99
	5	40.25	1.79	42.75	1.86	45.25	1.92	47.06	1.95	50.25	1.98	52.75	2.02
	10	40.22	1.82	42.72	1.88	45.22	1.95	47.02	1.97	50.21	2.01	52.71	2.05
	14	40.19	1.84	42.69	1.91	45.18	1.98	46.99	2.00	50.18	2.04	52.67	2.08
	20	40.16	1.87	42.66	1.94	45.15	2.01	46.95	2.03	50.14	2.07	52.63	2.11
	25	40.13	1.90	42.62	1.97	45.12	2.04	46.92	2.06	50.10	2.10	52.59	2.14
	30	40.10	1.92	42.59	1.99	45.08	2.07	46.88	2.09	50.06	2.13	52.55	2.17
	35	40.07	1.95	42.56	2.02	45.05	2.09	46.84	2.12	50.02	2.16	52.51	2.20
	40	40.04	1.98	42.53	2.05	45.01	2.12	46.81	2.15	49.99	2.19	52.47	2.23
	45	40.01	2.00	42.49	2.08	44.98	2.15	46.77	2.18	49.95	2.22	52.43	2.26
	50	39.98	2.03	42.46	2.10	44.94	2.18	46.74	2.21	49.91	2.25	52.39	2.29
	55	39.95	2.06	42.43	2.13	44.91	2.21	46.70	2.23	49.87	2.28	52.35	2.32
	60	39.92	2.08	42.40	2.16	44.87	2.24	46.66	2.26	49.83	2.31	52.31	2.35
	65	39.89	2.11	42.36	2.19	44.84	2.27	46.63	2.29	49.79	2.33	52.27	2.38
	70	39.85	2.14	42.33	2.21	44.81	2.29	46.59	2.32	49.76	2.36	52.23	2.41
	75	38.90	2.25	41.36	2.33	43.83	2.42	45.62	2.45	48.77	2.49	51.24	2.54
	80	37.94	2.37	40.40	2.45	42.86	2.54	44.64	2.57	47.79	2.62	50.25	2.67
	85	36.99	2.48	39.44	2.57	41.90	2.67	43.67	2.70	46.81	2.75	49.27	2.80
	90	36.04	2.60	38.49	2.69	40.94	2.79	42.71	2.82	45.84	2.87	48.29	2.93
	95	35.00	2.71	37.44	2.81	39.88	2.91	41.00	2.95	44.76	3.00	47.20	3.06
	100	34.15	2.83	36.59	2.93	39.03	3.04	40.47	3.07	43.91	3.13	46.34	3.19
	105	33.30	2.94	35.74	3.05	38.18	3.16	39.94	3.20	43.05	3.26	45.49	3.32
	110	32.45	3.06	34.89	3.17	37.32	3.28	39.09	3.32	42.20	3.38	44.64	3.45
	115	31.59	3.17	34.03	3.29	36.47	3.41	38.23	3.45	41.35	3.51	43.79	3.58
	118	31.08	3.24	33.52	3.36	35.96	3.48	37.72	3.52	40.84	3.59	43.28	3.66
	122	30.91	3.33	33.35	3.45	35.79	3.58	37.55	3.62	40.67	3.69	43.11	3.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH **LGRED°**
MULTI F MAX

Cooling Capacity Tables

Table 121: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	41.29	1.80	43.86	1.87	46.42	1.93	48.27	1.96	51.55	1.99	54.11	2.03
	0	41.27	1.82	43.83	1.89	46.40	1.96	48.25	1.98	51.52	2.02	54.08	2.06
	5	41.24	1.85	43.80	1.92	46.36	1.99	48.21	2.01	51.48	2.05	54.04	2.09
	10	41.20	1.88	43.76	1.95	46.32	2.02	48.17	2.04	51.44	2.08	54.00	2.12
	14	41.17	1.90	43.73	1.97	46.29	2.05	48.13	2.07	51.40	2.11	53.96	2.15
	20	41.14	1.93	43.70	2.00	46.25	2.08	48.10	2.10	51.36	2.14	53.92	2.18
	25	41.11	1.96	43.66	2.03	46.22	2.11	48.06	2.13	51.32	2.17	53.88	2.21
	30	41.08	1.99	43.63	2.06	46.18	2.13	48.02	2.16	51.28	2.20	53.83	2.24
	35	41.05	2.01	43.60	2.09	46.15	2.16	47.99	2.19	51.24	2.23	53.79	2.27
	40	41.02	2.04	43.56	2.12	46.11	2.19	47.95	2.22	51.20	2.26	53.75	2.31
	45	40.98	2.07	43.53	2.14	46.07	2.22	47.91	2.25	51.17	2.29	53.71	2.34
	50	40.95	2.10	43.50	2.17	46.04	2.25	47.88	2.28	51.13	2.32	53.67	2.37
	55	40.92	2.12	43.46	2.20	46.00	2.28	47.84	2.31	51.09	2.35	53.63	2.40
	60	40.89	2.15	43.43	2.23	45.97	2.31	47.80	2.34	51.05	2.38	53.59	2.43
	65	40.86	2.18	43.40	2.26	45.93	2.34	47.77	2.37	51.01	2.41	53.55	2.46
	70	40.83	2.21	43.36	2.29	45.90	2.37	47.73	2.40	50.97	2.44	53.50	2.49
	75	39.84	2.32	42.37	2.41	44.90	2.50	46.73	2.53	49.96	2.57	52.49	2.63
	80	38.86	2.44	41.39	2.53	43.91	2.63	45.73	2.66	48.95	2.71	51.48	2.76
	85	37.89	2.56	40.41	2.66	42.92	2.75	44.74	2.78	47.96	2.84	50.47	2.89
	90	36.91	2.68	39.43	2.78	41.94	2.88	43.75	2.91	46.96	2.97	49.47	3.03
	95	35.86	2.80	38.36	2.90	40.85	3.01	42.00	3.04	45.85	3.10	48.35	3.16
	100	34.98	2.92	37.48	3.03	39.98	3.14	41.46	3.17	44.98	3.23	47.47	3.30
	105	34.11	3.04	36.61	3.15	39.11	3.26	40.91	3.30	44.10	3.36	46.60	3.43
	110	33.24	3.16	35.74	3.27	38.23	3.39	40.04	3.43	43.23	3.50	45.73	3.57
	115	32.37	3.28	34.86	3.40	37.36	3.52	39.17	3.56	42.36	3.63	44.86	3.70
	118	31.84	3.35	34.34	3.47	36.84	3.60	38.64	3.64	41.83	3.71	44.33	3.78
	122	31.67	3.44	34.16	3.57	36.66	3.70	38.47	3.74	41.66	3.81	44.16	3.89
43	-4	42.27	1.86	44.90	1.93	47.53	2.00	49.42	2.02	52.78	2.06	55.40	2.10
	0	42.25	1.88	44.88	1.95	47.50	2.02	49.40	2.04	52.75	2.08	55.37	2.12
	5	42.22	1.91	44.84	1.98	47.46	2.05	49.35	2.08	52.70	2.11	55.33	2.16
	10	42.18	1.94	44.80	2.01	47.42	2.08	49.32	2.11	52.66	2.15	55.28	2.19
	14	42.15	1.97	44.77	2.04	47.39	2.11	49.28	2.14	52.62	2.18	55.24	2.22
	20	42.12	1.99	44.74	2.07	47.35	2.14	49.24	2.17	52.58	2.21	55.20	2.25
	25	42.09	2.02	44.70	2.10	47.32	2.17	49.20	2.20	52.54	2.24	55.16	2.28
	30	42.06	2.05	44.67	2.13	47.28	2.20	49.17	2.23	52.50	2.27	55.12	2.32
	35	42.02	2.08	44.63	2.16	47.24	2.23	49.13	2.26	52.46	2.30	55.07	2.35
	40	41.99	2.11	44.60	2.18	47.21	2.26	49.09	2.29	52.42	2.33	55.03	2.38
	45	41.96	2.14	44.57	2.21	47.17	2.29	49.05	2.32	52.38	2.36	54.99	2.41
	50	41.93	2.16	44.53	2.24	47.14	2.33	49.02	2.35	52.34	2.40	54.95	2.44
	55	41.90	2.19	44.50	2.27	47.10	2.36	48.98	2.38	52.30	2.43	54.91	2.48
	60	41.86	2.22	44.46	2.30	47.06	2.39	48.94	2.41	52.26	2.46	54.86	2.51
	65	41.83	2.25	44.43	2.33	47.03	2.42	48.90	2.44	52.22	2.49	54.82	2.54
	70	41.80	2.28	44.40	2.36	46.99	2.45	48.87	2.47	52.18	2.52	54.78	2.57
	75	40.79	2.40	43.38	2.49	45.97	2.58	47.84	2.61	51.15	2.66	53.74	2.71
	80	39.79	2.52	42.37	2.62	44.95	2.71	46.82	2.74	50.12	2.79	52.70	2.85
	85	38.79	2.65	41.37	2.74	43.94	2.84	45.80	2.88	49.10	2.93	51.67	2.99
	90	37.79	2.77	40.36	2.87	42.93	2.97	44.79	3.01	48.07	3.07	50.65	3.13
	95	36.71	2.89	39.27	3.00	41.83	3.11	43.00	3.14	46.94	3.20	49.50	3.27
	100	35.82	3.01	38.38	3.12	40.93	3.24	42.44	3.28	46.05	3.34	48.61	3.40
	105	34.92	3.14	37.48	3.25	40.04	3.37	41.89	3.41	45.15	3.47	47.71	3.54
	110	34.03	3.26	36.59	3.38	39.14	3.50	40.99	3.54	44.26	3.61	46.82	3.68
	115	33.14	3.38	35.69	3.51	38.25	3.63	40.10	3.68	43.37	3.75	45.92	3.82
	118	32.60	3.46	35.16	3.58	37.71	3.71	39.56	3.76	42.83	3.83	45.39	3.90
	122	32.42	3.56	34.98	3.68	37.54	3.82	39.38	3.86	42.65	3.94	45.21	4.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 122: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	43.26	1.92	45.94	1.99	48.63	2.06	50.57	2.09	54.00	2.12	56.69	2.17
	0	43.23	1.94	45.92	2.01	48.60	2.08	50.54	2.11	53.97	2.15	56.66	2.19
	5	43.20	1.97	45.88	2.04	48.56	2.12	50.50	2.14	53.93	2.18	56.61	2.23
	10	43.17	2.00	45.85	2.07	48.53	2.15	50.46	2.17	53.89	2.21	56.57	2.26
	14	43.13	2.03	45.81	2.10	48.49	2.18	50.43	2.21	53.85	2.25	56.53	2.29
	20	43.10	2.06	45.78	2.13	48.45	2.21	50.39	2.24	53.81	2.28	56.48	2.33
	25	43.07	2.09	45.74	2.16	48.42	2.24	50.35	2.27	53.77	2.31	56.44	2.36
	30	43.03	2.12	45.71	2.19	48.38	2.27	50.31	2.30	53.72	2.34	56.40	2.39
	35	43.00	2.15	45.67	2.22	48.34	2.31	50.27	2.33	53.68	2.38	56.35	2.42
	40	42.97	2.18	45.64	2.25	48.31	2.34	50.23	2.36	53.64	2.41	56.31	2.46
	45	42.94	2.20	45.60	2.29	48.27	2.37	50.19	2.40	53.60	2.44	56.27	2.49
	50	42.90	2.23	45.57	2.32	48.23	2.40	50.16	2.43	53.56	2.47	56.23	2.52
	55	42.87	2.26	45.53	2.35	48.19	2.43	50.12	2.46	53.52	2.51	56.18	2.56
	60	42.84	2.29	45.50	2.38	48.16	2.46	50.08	2.49	53.48	2.54	56.14	2.59
	65	42.80	2.32	45.46	2.41	48.12	2.49	50.04	2.52	53.44	2.57	56.10	2.62
	70	42.77	2.35	45.43	2.44	48.08	2.53	50.00	2.55	53.40	2.60	56.05	2.65
	75	41.74	2.48	44.39	2.57	47.04	2.66	48.96	2.69	52.34	2.74	54.99	2.80
	80	40.71	2.60	43.36	2.70	46.00	2.80	47.91	2.83	51.29	2.88	53.93	2.94
	85	39.69	2.73	42.33	2.83	44.97	2.93	46.87	2.97	50.24	3.02	52.88	3.08
	90	38.67	2.86	41.30	2.96	43.93	3.07	45.83	3.11	49.19	3.16	51.82	3.23
	95	37.57	2.98	40.18	3.09	42.80	3.21	44.00	3.24	48.03	3.30	50.65	3.37
	100	36.65	3.11	39.27	3.22	41.88	3.34	43.43	3.38	47.12	3.44	49.74	3.51
	105	35.74	3.24	38.35	3.36	40.97	3.48	42.86	3.52	46.20	3.58	48.82	3.66
45	110	34.82	3.36	37.44	3.49	40.06	3.61	41.95	3.66	45.29	3.73	47.91	3.80
	115	33.91	3.49	36.52	3.62	39.14	3.75	41.03	3.79	44.37	3.87	46.99	3.94
	118	33.36	3.57	35.97	3.70	38.59	3.83	40.48	3.88	43.83	3.95	46.44	4.03
	122	33.17	3.67	35.79	3.80	38.41	3.94	40.30	3.99	43.64	4.06	46.26	4.14
	-4	44.24	1.98	46.99	2.05	49.74	2.13	51.72	2.15	55.23	2.19	57.98	2.24
	0	44.22	2.00	46.96	2.07	49.71	2.15	51.69	2.17	55.20	2.22	57.95	2.26
	5	44.18	2.03	46.92	2.11	49.67	2.18	51.65	2.21	55.16	2.25	57.90	2.30
	10	44.15	2.06	46.89	2.14	49.63	2.22	51.61	2.24	55.11	2.28	57.86	2.33
	14	44.11	2.09	46.85	2.17	49.59	2.25	51.57	2.28	55.07	2.32	57.81	2.36
	20	44.08	2.12	46.82	2.20	49.55	2.28	51.53	2.31	55.03	2.35	57.77	2.40
	25	44.05	2.15	46.78	2.23	49.52	2.31	51.49	2.34	54.99	2.38	57.72	2.43
	30	44.01	2.18	46.75	2.26	49.48	2.35	51.45	2.37	54.95	2.42	57.68	2.47
	35	43.98	2.21	46.71	2.29	49.44	2.38	51.41	2.41	54.90	2.45	57.64	2.50
	40	43.95	2.24	46.67	2.33	49.40	2.41	51.37	2.44	54.86	2.48	57.59	2.53
	45	43.91	2.27	46.64	2.36	49.37	2.44	51.34	2.47	54.82	2.52	57.55	2.57
	50	43.88	2.30	46.60	2.39	49.33	2.48	51.30	2.50	54.78	2.55	57.50	2.60
	55	43.84	2.33	46.57	2.42	49.29	2.51	51.26	2.54	54.74	2.58	57.46	2.64
	60	43.81	2.36	46.53	2.45	49.25	2.54	51.22	2.57	54.69	2.62	57.41	2.67
	65	43.78	2.39	46.50	2.48	49.21	2.57	51.18	2.60	54.65	2.65	57.37	2.70
	70	43.74	2.42	46.46	2.51	49.18	2.60	51.14	2.63	54.61	2.68	57.33	2.74
	75	42.69	2.56	45.40	2.65	48.11	2.75	50.07	2.78	53.53	2.83	56.24	2.89
	80	41.64	2.69	44.34	2.78	47.04	2.89	49.00	2.92	52.45	2.97	55.15	3.03
	85	40.59	2.82	43.29	2.92	45.99	3.03	47.94	3.06	51.38	3.12	54.08	3.18
	90	39.55	2.95	42.24	3.06	44.93	3.17	46.87	3.20	50.31	3.26	53.00	3.33
	95	38.42	3.08	41.10	3.19	43.77	3.31	45.00	3.35	49.13	3.41	51.80	3.48
	100	37.48	3.21	40.16	3.33	42.84	3.45	44.42	3.49	48.19	3.55	50.87	3.62
	105	36.55	3.34	39.22	3.46	41.90	3.59	43.83	3.63	47.25	3.70	49.93	3.77
	110	35.61	3.47	38.29	3.60	40.97	3.73	42.90	3.77	46.32	3.84	48.99	3.92
	115	34.68	3.60	37.35	3.73	40.03	3.87	41.96	3.91	45.38	3.99	48.06	4.07
	118	34.12	3.68	36.79	3.81	39.47	3.95	41.40	4.00	44.82	4.07	47.50	4.16
	122	33.93	3.79	36.60	3.92	39.28	4.07	41.21	4.11	44.63	4.19	47.31	4.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 123: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	45.22	2.04	48.03	2.12	50.84	2.19	52.87	2.22	56.46	2.26	59.27	2.31
	0	45.20	2.06	48.01	2.14	50.81	2.22	52.84	2.24	56.43	2.28	59.24	2.33
	5	45.16	2.10	47.97	2.17	50.77	2.25	52.80	2.28	56.38	2.32	59.19	2.37
	10	45.13	2.13	47.93	2.21	50.73	2.29	52.76	2.31	56.34	2.36	59.14	2.40
	14	45.09	2.16	47.89	2.24	50.69	2.32	52.72	2.35	56.30	2.39	59.10	2.44
	20	45.06	2.19	47.86	2.27	50.66	2.35	52.68	2.38	56.25	2.42	59.05	2.47
	25	45.02	2.22	47.82	2.30	50.62	2.39	52.64	2.41	56.21	2.46	59.01	2.51
	30	44.99	2.25	47.78	2.33	50.58	2.42	52.60	2.45	56.17	2.49	58.96	2.54
	35	44.96	2.28	47.75	2.37	50.54	2.45	52.56	2.48	56.12	2.53	58.92	2.58
	40	44.92	2.31	47.71	2.40	50.50	2.49	52.52	2.51	56.08	2.56	58.87	2.61
	45	44.89	2.35	47.68	2.43	50.46	2.52	52.48	2.55	56.04	2.60	58.83	2.65
	50	44.85	2.38	47.64	2.46	50.42	2.55	52.44	2.58	56.00	2.63	58.78	2.68
	55	44.82	2.41	47.60	2.50	50.39	2.59	52.40	2.62	55.95	2.66	58.74	2.72
	60	44.78	2.44	47.57	2.53	50.35	2.62	52.36	2.65	55.91	2.70	58.69	2.75
	65	44.75	2.47	47.53	2.56	50.31	2.65	52.32	2.68	55.87	2.73	58.65	2.79
	70	44.72	2.50	47.49	2.59	50.27	2.69	52.28	2.72	55.82	2.77	58.60	2.82
	75	43.64	2.64	46.41	2.73	49.18	2.83	51.18	2.86	54.72	2.92	57.49	2.98
	80	42.56	2.77	45.33	2.87	48.09	2.98	50.09	3.01	53.62	3.07	56.38	3.13
	85	41.50	2.90	44.25	3.01	47.01	3.12	49.00	3.16	52.52	3.22	55.28	3.28
	90	40.43	3.04	43.18	3.15	45.93	3.27	47.92	3.30	51.43	3.37	54.18	3.43
	95	39.27	3.17	42.01	3.29	44.74	3.41	46.00	3.45	50.22	3.51	52.95	3.59
	100	38.32	3.31	41.05	3.43	43.79	3.56	45.40	3.60	49.26	3.66	52.00	3.74
	105	37.36	3.44	40.10	3.57	42.83	3.70	44.81	3.74	48.30	3.81	51.04	3.89
	110	36.40	3.58	39.14	3.71	41.88	3.85	43.85	3.89	47.35	3.96	50.08	4.04
	115	35.45	3.71	38.18	3.85	40.92	3.99	42.90	4.04	46.39	4.11	49.13	4.19
	118	34.87	3.80	37.61	3.93	40.35	4.08	42.32	4.12	45.82	4.20	48.55	4.29
	122	34.68	3.90	37.42	4.05	40.15	4.19	42.13	4.24	45.63	4.32	48.36	4.41
47	-4	46.21	2.10	49.08	2.18	51.95	2.26	54.02	2.29	57.69	2.33	60.56	2.38
	0	46.18	2.13	49.05	2.20	51.92	2.29	53.99	2.31	57.65	2.35	60.52	2.40
	5	46.14	2.16	49.01	2.24	51.88	2.32	53.95	2.35	57.61	2.39	60.47	2.44
	10	46.11	2.19	48.97	2.27	51.84	2.36	53.90	2.38	57.56	2.43	60.43	2.48
	14	46.07	2.23	48.94	2.31	51.80	2.39	53.86	2.42	57.52	2.46	60.38	2.51
	20	46.04	2.26	48.90	2.34	51.76	2.43	53.82	2.45	57.48	2.50	60.33	2.55
	25	46.00	2.29	48.86	2.37	51.72	2.46	53.78	2.49	57.43	2.53	60.29	2.59
	30	45.97	2.32	48.82	2.41	51.68	2.49	53.74	2.52	57.39	2.57	60.24	2.62
	35	45.93	2.35	48.79	2.44	51.64	2.53	53.70	2.56	57.34	2.61	60.20	2.66
	40	45.90	2.39	48.75	2.47	51.60	2.56	53.66	2.59	57.30	2.64	60.15	2.69
	45	45.86	2.42	48.71	2.51	51.56	2.60	53.62	2.63	57.26	2.68	60.10	2.73
	50	45.83	2.45	48.67	2.54	51.52	2.63	53.58	2.66	57.21	2.71	60.06	2.77
	55	45.79	2.48	48.64	2.57	51.48	2.67	53.53	2.70	57.17	2.75	60.01	2.80
	60	45.76	2.51	48.60	2.60	51.44	2.70	53.49	2.73	57.12	2.78	59.97	2.84
	65	45.72	2.55	48.56	2.64	51.40	2.73	53.45	2.77	57.08	2.82	59.92	2.87
	70	45.69	2.58	48.52	2.67	51.36	2.77	53.41	2.80	57.04	2.85	59.87	2.91
	75	44.59	2.72	47.42	2.82	50.25	2.92	52.29	2.95	55.91	3.01	58.74	3.07
	80	43.49	2.86	46.31	2.96	49.14	3.07	51.17	3.10	54.78	3.16	57.61	3.22
	85	42.40	2.99	45.22	3.10	48.03	3.22	50.07	3.25	53.66	3.31	56.48	3.38
	90	41.31	3.13	44.12	3.25	46.93	3.37	48.96	3.41	52.55	3.47	55.36	3.54
	95	40.13	3.27	42.92	3.39	45.72	3.52	47.00	3.56	51.31	3.62	54.10	3.70
	100	39.15	3.41	41.94	3.54	44.74	3.66	46.39	3.71	50.33	3.78	53.13	3.85
	105	38.17	3.55	40.97	3.68	43.76	3.81	45.78	3.86	49.35	3.93	52.15	4.01
	110	37.20	3.69	39.99	3.82	42.79	3.96	44.80	4.01	48.38	4.08	51.17	4.17
	115	36.22	3.83	39.01	3.97	41.81	4.11	43.83	4.16	47.40	4.24	50.20	4.32
	118	35.63	3.91	38.43	4.05	41.22	4.20	43.24	4.25	46.81	4.33	49.61	4.42
	122	35.44	4.02	38.23	4.17	41.03	4.32	43.05	4.37	46.62	4.45	49.41	4.54

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 124: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68
49	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 125: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68
51	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 126: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
52	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68
53	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 127: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68
55	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 128: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
56	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68
57	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 129: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
58	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68
59	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 130: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68
61	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

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KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 131: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
62	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68
63	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 132: KUMXA481A Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
64	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68
65	-4	47.19	2.17	50.12	2.25	53.05	2.33	55.17	2.36	58.91	2.40	61.84	2.45
	0	47.16	2.19	50.09	2.27	53.02	2.35	55.14	2.38	58.88	2.43	61.81	2.48
	5	47.13	2.23	50.05	2.31	52.98	2.39	55.09	2.42	58.83	2.47	61.76	2.52
	10	47.09	2.26	50.01	2.34	52.94	2.43	55.05	2.46	58.79	2.50	61.71	2.55
	14	47.05	2.29	49.98	2.38	52.90	2.46	55.01	2.49	58.74	2.54	61.67	2.59
	20	47.02	2.33	49.94	2.41	52.86	2.50	54.97	2.53	58.70	2.58	61.62	2.63
	25	46.98	2.36	49.90	2.45	52.82	2.53	54.93	2.56	58.65	2.61	61.57	2.66
	30	46.95	2.39	49.86	2.48	52.78	2.57	54.88	2.60	58.61	2.65	61.52	2.70
	35	46.91	2.42	49.82	2.51	52.74	2.61	54.84	2.64	58.56	2.68	61.48	2.74
	40	46.87	2.46	49.79	2.55	52.70	2.64	54.80	2.67	58.52	2.72	61.43	2.78
	45	46.84	2.49	49.75	2.58	52.66	2.68	54.76	2.71	58.47	2.76	61.38	2.81
	50	46.80	2.52	49.71	2.62	52.62	2.71	54.72	2.74	58.43	2.79	61.34	2.85
	55	46.77	2.56	49.67	2.65	52.58	2.75	54.67	2.78	58.38	2.83	61.29	2.89
	60	46.73	2.59	49.63	2.68	52.54	2.78	54.63	2.81	58.34	2.87	61.24	2.92
	65	46.70	2.62	49.60	2.72	52.50	2.82	54.59	2.85	58.30	2.90	61.20	2.96
	70	46.66	2.66	49.56	2.75	52.46	2.85	54.55	2.89	58.25	2.94	61.15	3.00
	75	45.54	2.80	48.43	2.90	51.32	3.01	53.41	3.04	57.10	3.10	59.99	3.16
	80	44.41	2.94	47.30	3.05	50.18	3.16	52.26	3.20	55.95	3.26	58.83	3.32
	85	43.30	3.09	46.18	3.20	49.05	3.31	51.13	3.35	54.81	3.42	57.68	3.48
	90	42.19	3.23	45.06	3.35	47.93	3.47	50.00	3.51	53.66	3.57	56.53	3.65
	95	40.98	3.37	43.84	3.49	46.69	3.62	48.00	3.66	52.40	3.73	55.25	3.81
	100	39.98	3.51	42.84	3.64	45.69	3.78	47.38	3.82	51.40	3.89	54.26	3.97
	105	38.98	3.66	41.84	3.79	44.69	3.93	46.76	3.98	50.40	4.05	53.26	4.13
	110	37.99	3.80	40.84	3.94	43.70	4.08	45.76	4.13	49.41	4.21	52.26	4.29
	115	36.99	3.94	39.84	4.09	42.70	4.24	44.76	4.29	48.41	4.37	51.26	4.45
	118	36.39	4.03	39.24	4.18	42.10	4.33	44.16	4.38	47.81	4.46	50.66	4.55
	122	36.19	4.15	39.05	4.30	41.90	4.45	43.96	4.50	47.61	4.59	50.46	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 133: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	17.70	0.72	18.80	0.75	19.89	0.77	20.69	0.78	22.09	0.80	23.19	0.81
	0	17.69	0.73	18.79	0.75	19.88	0.78	20.68	0.79	22.08	0.81	23.18	0.82
	5	17.67	0.74	18.77	0.77	19.87	0.79	20.66	0.80	22.06	0.82	23.16	0.83
	10	17.66	0.75	18.76	0.78	19.85	0.81	20.64	0.82	22.05	0.83	23.14	0.85
	14	17.65	0.76	18.74	0.79	19.84	0.82	20.63	0.83	22.03	0.84	23.12	0.86
	20	17.63	0.77	18.73	0.80	19.82	0.83	20.61	0.84	22.01	0.85	23.11	0.87
	25	17.62	0.78	18.71	0.81	19.81	0.84	20.60	0.85	22.00	0.87	23.09	0.88
	30	17.60	0.79	18.70	0.82	19.79	0.85	20.58	0.86	21.98	0.88	23.07	0.90
	35	17.59	0.80	18.68	0.83	19.78	0.86	20.57	0.87	21.96	0.89	23.05	0.91
	40	17.58	0.82	18.67	0.85	19.76	0.88	20.55	0.89	21.94	0.90	23.04	0.92
	45	17.56	0.83	18.66	0.86	19.75	0.89	20.53	0.90	21.93	0.92	23.02	0.93
	50	17.55	0.84	18.64	0.87	19.73	0.90	20.52	0.91	21.91	0.93	23.00	0.95
	55	17.54	0.85	18.63	0.88	19.72	0.91	20.50	0.92	21.89	0.94	22.98	0.96
	60	17.52	0.86	18.61	0.89	19.70	0.92	20.49	0.93	21.88	0.95	22.97	0.97
	65	17.51	0.87	18.60	0.90	19.69	0.94	20.47	0.95	21.86	0.96	22.95	0.98
	70	17.50	0.88	18.58	0.91	19.67	0.95	20.46	0.96	21.84	0.98	22.93	1.00
	75	17.08	0.93	18.16	0.96	19.24	1.00	20.03	1.01	21.41	1.03	22.50	1.05
	80	16.66	0.98	17.74	1.01	18.82	1.05	19.60	1.06	20.98	1.08	22.06	1.10
	85	16.24	1.02	17.32	1.06	18.40	1.10	19.17	1.11	20.55	1.13	21.63	1.16
	90	15.82	1.07	16.90	1.11	17.97	1.15	18.75	1.16	20.12	1.19	21.20	1.21
	95	15.37	1.12	16.44	1.16	17.51	1.20	18.00	1.22	19.65	1.24	20.72	1.26
	100	14.99	1.17	16.06	1.21	17.13	1.25	17.77	1.27	19.28	1.29	20.35	1.32
19	105	14.62	1.21	15.69	1.26	16.76	1.30	17.53	1.32	18.90	1.34	19.97	1.37
	110	14.24	1.26	15.32	1.31	16.39	1.36	17.16	1.37	18.53	1.40	19.60	1.43
	115	13.87	1.31	14.94	1.36	16.01	1.41	16.79	1.42	18.15	1.45	19.22	1.48
	118	13.65	1.34	14.72	1.39	15.79	1.44	16.56	1.45	17.93	1.48	19.00	1.51
	122	13.57	1.38	14.64	1.43	15.71	1.48	16.49	1.50	17.85	1.52	18.92	1.55
	-4	18.68	0.76	19.84	0.79	21.00	0.82	21.84	0.83	23.32	0.84	24.48	0.86
	0	18.67	0.77	19.83	0.80	20.99	0.83	21.83	0.84	23.31	0.85	24.47	0.87
	5	18.65	0.78	19.81	0.81	20.97	0.84	21.81	0.85	23.29	0.87	24.45	0.89
	10	18.64	0.80	19.80	0.82	20.96	0.85	21.79	0.86	23.27	0.88	24.43	0.90
	14	18.63	0.81	19.78	0.84	20.94	0.87	21.77	0.88	23.25	0.89	24.41	0.91
	20	18.61	0.82	19.77	0.85	20.92	0.88	21.76	0.89	23.23	0.91	24.39	0.92
	25	18.60	0.83	19.75	0.86	20.91	0.89	21.74	0.90	23.22	0.92	24.37	0.94
	30	18.58	0.84	19.74	0.87	20.89	0.90	21.72	0.92	23.20	0.93	24.35	0.95
	35	18.57	0.85	19.72	0.88	20.88	0.92	21.71	0.93	23.18	0.95	24.33	0.96
	40	18.55	0.87	19.71	0.90	20.86	0.93	21.69	0.94	23.16	0.96	24.32	0.98
	45	18.54	0.88	19.69	0.91	20.84	0.94	21.67	0.95	23.15	0.97	24.30	0.99
	50	18.53	0.89	19.68	0.92	20.83	0.95	21.66	0.97	23.13	0.98	24.28	1.00
	55	18.51	0.90	19.66	0.93	20.81	0.97	21.64	0.98	23.11	1.00	24.26	1.02
	60	18.50	0.91	19.65	0.95	20.80	0.98	21.63	0.99	23.09	1.01	24.24	1.03
	65	18.48	0.92	19.63	0.96	20.78	0.99	21.61	1.00	23.08	1.02	24.22	1.04
	70	18.47	0.93	19.62	0.97	20.76	1.00	21.59	1.02	23.06	1.04	24.20	1.06
	75	18.02	0.99	19.17	1.02	20.31	1.06	21.14	1.07	22.60	1.09	23.75	1.11
	80	17.58	1.04	18.72	1.07	19.86	1.11	20.69	1.13	22.15	1.15	23.29	1.17
	85	17.14	1.09	18.28	1.13	19.42	1.17	20.24	1.18	21.69	1.20	22.83	1.23
	90	16.70	1.14	17.84	1.18	18.97	1.22	19.79	1.24	21.24	1.26	22.38	1.28
	95	16.22	1.19	17.35	1.23	18.48	1.28	19.00	1.29	20.74	1.31	21.87	1.34
	100	15.83	1.24	16.96	1.28	18.09	1.33	18.75	1.34	20.35	1.37	21.48	1.40
	105	15.43	1.29	16.56	1.34	17.69	1.38	18.51	1.40	19.95	1.43	21.08	1.45
	110	15.04	1.34	16.17	1.39	17.30	1.44	18.11	1.45	19.56	1.48	20.69	1.51
	115	14.64	1.39	15.77	1.44	16.90	1.49	17.72	1.51	19.16	1.54	20.29	1.57
	118	14.40	1.42	15.53	1.47	16.66	1.52	17.48	1.54	18.92	1.57	20.05	1.60
	122	14.33	1.46	15.46	1.51	16.59	1.57	17.40	1.59	18.85	1.62	19.98	1.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 134: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	19.66	0.81	20.88	0.84	22.11	0.87	22.99	0.88	24.55	0.89	25.77	0.91
	0	19.65	0.82	20.87	0.85	22.09	0.88	22.97	0.89	24.53	0.90	25.75	0.92
	5	19.64	0.83	20.86	0.86	22.07	0.89	22.96	0.90	24.51	0.92	25.73	0.94
	10	19.62	0.84	20.84	0.87	22.06	0.90	22.94	0.91	24.50	0.93	25.71	0.95
	14	19.61	0.85	20.82	0.89	22.04	0.92	22.92	0.93	24.48	0.95	25.69	0.96
	20	19.59	0.87	20.81	0.90	22.02	0.93	22.90	0.94	24.46	0.96	25.67	0.98
	25	19.58	0.88	20.79	0.91	22.01	0.94	22.89	0.95	24.44	0.97	25.65	0.99
	30	19.56	0.89	20.78	0.92	21.99	0.96	22.87	0.97	24.42	0.99	25.64	1.01
	35	19.55	0.90	20.76	0.94	21.97	0.97	22.85	0.98	24.40	1.00	25.62	1.02
	40	19.53	0.92	20.74	0.95	21.96	0.98	22.83	0.99	24.38	1.01	25.60	1.03
	45	19.52	0.93	20.73	0.96	21.94	1.00	22.82	1.01	24.36	1.03	25.58	1.05
	50	19.50	0.94	20.71	0.97	21.92	1.01	22.80	1.02	24.35	1.04	25.56	1.06
	55	19.49	0.95	20.70	0.99	21.91	1.02	22.78	1.03	24.33	1.05	25.54	1.08
	60	19.47	0.96	20.68	1.00	21.89	1.04	22.76	1.05	24.31	1.07	25.52	1.09
	65	19.46	0.98	20.66	1.01	21.87	1.05	22.75	1.06	24.29	1.08	25.50	1.10
	70	19.44	0.99	20.65	1.03	21.86	1.06	22.73	1.07	24.27	1.09	25.48	1.12
	75	18.97	1.04	20.18	1.08	21.38	1.12	22.25	1.13	23.79	1.15	25.00	1.18
	80	18.51	1.10	19.71	1.14	20.91	1.18	21.78	1.19	23.31	1.21	24.51	1.24
	85	18.04	1.15	19.24	1.19	20.44	1.23	21.30	1.25	22.84	1.27	24.03	1.30
	90	17.58	1.20	18.77	1.25	19.97	1.29	20.83	1.31	22.36	1.33	23.56	1.36
	95	17.08	1.26	18.26	1.30	19.45	1.35	20.00	1.36	21.83	1.39	23.02	1.42
	100	16.66	1.31	17.85	1.36	19.04	1.41	19.74	1.42	21.42	1.45	22.61	1.48
21	105	16.24	1.36	17.43	1.41	18.62	1.46	19.48	1.48	21.00	1.51	22.19	1.54
	110	15.83	1.42	17.02	1.47	18.21	1.52	19.07	1.54	20.59	1.57	21.78	1.60
	115	15.41	1.47	16.60	1.52	17.79	1.58	18.65	1.60	20.17	1.63	21.36	1.66
	118	15.16	1.50	16.35	1.56	17.54	1.61	18.40	1.63	19.92	1.66	21.11	1.70
	122	15.08	1.54	16.27	1.60	17.46	1.66	18.32	1.68	19.84	1.71	21.03	1.74
	-4	20.65	0.85	21.93	0.88	23.21	0.92	24.14	0.93	25.77	0.94	27.06	0.96
	0	20.63	0.86	21.92	0.89	23.20	0.93	24.12	0.94	25.76	0.95	27.04	0.97
	5	20.62	0.88	21.90	0.91	23.18	0.94	24.10	0.95	25.74	0.97	27.02	0.99
	10	20.60	0.89	21.88	0.92	23.16	0.95	24.08	0.97	25.72	0.98	27.00	1.00
	14	20.59	0.90	21.86	0.93	23.14	0.97	24.07	0.98	25.70	1.00	26.98	1.02
	20	20.57	0.91	21.85	0.95	23.13	0.98	24.05	0.99	25.68	1.01	26.96	1.03
	25	20.55	0.93	21.83	0.96	23.11	1.00	24.03	1.01	25.66	1.03	26.94	1.05
	30	20.54	0.94	21.81	0.97	23.09	1.01	24.01	1.02	25.64	1.04	26.92	1.06
	35	20.52	0.95	21.80	0.99	23.07	1.02	23.99	1.04	25.62	1.05	26.90	1.08
	40	20.51	0.97	21.78	1.00	23.05	1.04	23.97	1.05	25.60	1.07	26.88	1.09
	45	20.49	0.98	21.76	1.01	23.04	1.05	23.96	1.06	25.58	1.08	26.86	1.11
	50	20.48	0.99	21.75	1.03	23.02	1.07	23.94	1.08	25.56	1.10	26.83	1.12
	55	20.46	1.00	21.73	1.04	23.00	1.08	23.92	1.09	25.54	1.11	26.81	1.13
	60	20.44	1.02	21.71	1.05	22.98	1.09	23.90	1.11	25.52	1.13	26.79	1.15
	65	20.43	1.03	21.70	1.07	22.97	1.11	23.88	1.12	25.50	1.14	26.77	1.16
	70	20.41	1.04	21.68	1.08	22.95	1.12	23.86	1.13	25.48	1.16	26.75	1.18
	75	19.92	1.10	21.19	1.14	22.45	1.18	23.36	1.20	24.98	1.22	26.25	1.24
	80	19.43	1.16	20.69	1.20	21.95	1.24	22.87	1.26	24.48	1.28	25.74	1.31
	85	18.94	1.21	20.20	1.26	21.46	1.30	22.37	1.32	23.98	1.34	25.24	1.37
	90	18.46	1.27	19.71	1.32	20.97	1.36	21.87	1.38	23.48	1.40	24.73	1.43
	95	17.93	1.33	19.18	1.37	20.43	1.42	21.00	1.44	22.93	1.47	24.17	1.50
	100	17.49	1.38	18.74	1.43	19.99	1.48	20.73	1.50	22.49	1.53	23.74	1.56
	105	17.06	1.44	18.30	1.49	19.55	1.54	20.46	1.56	22.05	1.59	23.30	1.62
	110	16.62	1.49	17.87	1.55	19.12	1.61	20.02	1.62	21.62	1.65	22.86	1.69
	115	16.18	1.55	17.43	1.61	18.68	1.67	19.58	1.68	21.18	1.72	22.43	1.75
	118	15.92	1.58	17.17	1.64	18.42	1.70	19.32	1.72	20.92	1.75	22.17	1.79
	122	15.83	1.63	17.08	1.69	18.33	1.75	19.23	1.77	20.83	1.80	22.08	1.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 135: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	21.63	0.90	22.97	0.93	24.32	0.96	25.29	0.97	27.00	0.99	28.35	1.01
	0	21.62	0.91	22.96	0.94	24.30	0.97	25.27	0.99	26.99	1.00	28.33	1.02
	5	21.60	0.92	22.94	0.96	24.28	0.99	25.25	1.00	26.97	1.02	28.31	1.04
	10	21.58	0.94	22.92	0.97	24.26	1.00	25.23	1.02	26.94	1.04	28.29	1.06
	14	21.57	0.95	22.91	0.98	24.25	1.02	25.21	1.03	26.92	1.05	28.26	1.07
	20	21.55	0.96	22.89	1.00	24.23	1.03	25.19	1.05	26.90	1.07	28.24	1.09
	25	21.53	0.98	22.87	1.01	24.21	1.05	25.17	1.06	26.88	1.08	28.22	1.10
	30	21.52	0.99	22.85	1.03	24.19	1.06	25.15	1.08	26.86	1.10	28.20	1.12
	35	21.50	1.00	22.84	1.04	24.17	1.08	25.14	1.09	26.84	1.11	28.18	1.13
	40	21.48	1.02	22.82	1.05	24.15	1.09	25.12	1.11	26.82	1.13	28.16	1.15
	45	21.47	1.03	22.80	1.07	24.13	1.11	25.10	1.12	26.80	1.14	28.13	1.16
	50	21.45	1.04	22.78	1.08	24.12	1.12	25.08	1.13	26.78	1.16	28.11	1.18
	55	21.43	1.06	22.77	1.10	24.10	1.14	25.06	1.15	26.76	1.17	28.09	1.19
	60	21.42	1.07	22.75	1.11	24.08	1.15	25.04	1.16	26.74	1.19	28.07	1.21
	65	21.40	1.09	22.73	1.12	24.06	1.17	25.02	1.18	26.72	1.20	28.05	1.23
	70	21.39	1.10	22.71	1.14	24.04	1.18	25.00	1.19	26.70	1.22	28.03	1.24
	75	20.87	1.16	22.20	1.20	23.52	1.24	24.48	1.26	26.17	1.28	27.50	1.31
	80	20.36	1.22	21.68	1.26	23.00	1.31	23.95	1.32	25.64	1.35	26.96	1.37
	85	19.85	1.28	21.16	1.32	22.48	1.37	23.44	1.39	25.12	1.41	26.44	1.44
	90	19.34	1.34	20.65	1.38	21.97	1.44	22.92	1.45	24.60	1.48	25.91	1.51
	95	18.78	1.40	20.09	1.45	21.40	1.50	22.00	1.52	24.02	1.54	25.33	1.58
	100	18.33	1.45	19.63	1.51	20.94	1.56	21.71	1.58	23.56	1.61	24.87	1.64
	105	17.87	1.51	19.18	1.57	20.48	1.63	21.43	1.64	23.10	1.68	24.41	1.71
	110	17.41	1.57	18.72	1.63	20.03	1.69	20.97	1.71	22.64	1.74	23.95	1.78
	115	16.95	1.63	18.26	1.69	19.57	1.75	20.52	1.77	22.19	1.81	23.50	1.84
	118	16.68	1.67	17.99	1.73	19.30	1.79	20.24	1.81	21.91	1.85	23.22	1.88
	122	16.59	1.72	17.90	1.78	19.20	1.84	20.15	1.86	21.82	1.90	23.13	1.94
23	-4	22.61	0.94	24.02	0.98	25.42	1.01	26.44	1.02	28.23	1.04	29.63	1.06
	0	22.60	0.95	24.00	0.99	25.41	1.02	26.42	1.04	28.21	1.05	29.62	1.08
	5	22.58	0.97	23.98	1.00	25.39	1.04	26.40	1.05	28.19	1.07	29.59	1.09
	10	22.56	0.98	23.97	1.02	25.37	1.06	26.38	1.07	28.17	1.09	29.57	1.11
	14	22.55	1.00	23.95	1.03	25.35	1.07	26.36	1.08	28.15	1.10	29.55	1.13
	20	22.53	1.01	23.93	1.05	25.33	1.09	26.34	1.10	28.13	1.12	29.53	1.14
	25	22.51	1.03	23.91	1.06	25.31	1.10	26.32	1.11	28.10	1.14	29.50	1.16
	30	22.50	1.04	23.89	1.08	25.29	1.12	26.30	1.13	28.08	1.15	29.48	1.17
	35	22.48	1.05	23.87	1.09	25.27	1.13	26.28	1.15	28.06	1.17	29.46	1.19
	40	22.46	1.07	23.86	1.11	25.25	1.15	26.26	1.16	28.04	1.18	29.44	1.21
	45	22.44	1.08	23.84	1.12	25.23	1.16	26.24	1.18	28.02	1.20	29.41	1.22
	50	22.43	1.10	23.82	1.14	25.21	1.18	26.22	1.19	28.00	1.21	29.39	1.24
	55	22.41	1.11	23.80	1.15	25.19	1.19	26.20	1.21	27.98	1.23	29.37	1.26
	60	22.39	1.13	23.78	1.17	25.17	1.21	26.18	1.22	27.95	1.25	29.35	1.27
	65	22.37	1.14	23.76	1.18	25.15	1.22	26.16	1.24	27.93	1.26	29.32	1.29
	70	22.36	1.15	23.75	1.20	25.13	1.24	26.14	1.25	27.91	1.28	29.30	1.30
	75	21.82	1.22	23.20	1.26	24.59	1.31	25.59	1.32	27.36	1.35	28.75	1.37
	80	21.28	1.28	22.66	1.33	24.04	1.37	25.04	1.39	26.81	1.42	28.19	1.44
	85	20.75	1.34	22.13	1.39	23.50	1.44	24.50	1.46	26.26	1.48	27.64	1.51
	90	20.22	1.40	21.59	1.45	22.96	1.51	23.96	1.53	25.71	1.55	27.09	1.59
	95	19.64	1.47	21.00	1.52	22.37	1.57	23.00	1.59	25.11	1.62	26.48	1.66
	100	19.16	1.53	20.53	1.58	21.89	1.64	22.70	1.66	24.63	1.69	26.00	1.73
	105	18.68	1.59	20.05	1.65	21.42	1.71	22.40	1.73	24.15	1.76	25.52	1.80
	110	18.20	1.65	19.57	1.71	20.94	1.78	21.93	1.80	23.67	1.83	25.04	1.87
	115	17.72	1.71	19.09	1.78	20.46	1.84	21.45	1.86	23.20	1.90	24.56	1.94
	118	17.44	1.75	18.80	1.82	20.17	1.88	21.16	1.90	22.91	1.94	24.28	1.98
	122	17.34	1.80	18.71	1.87	20.08	1.94	21.07	1.96	22.81	2.00	24.18	2.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 136: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	23.60	0.99	25.06	1.02	26.53	1.06	27.58	1.07	29.46	1.09	30.92	1.12
	0	23.58	1.00	25.05	1.04	26.51	1.07	27.57	1.09	29.44	1.11	30.91	1.13
	5	23.56	1.02	25.03	1.05	26.49	1.09	27.55	1.10	29.42	1.12	30.88	1.15
	10	23.55	1.03	25.01	1.07	26.47	1.11	27.53	1.12	29.39	1.14	30.86	1.16
	14	23.53	1.05	24.99	1.08	26.45	1.12	27.50	1.14	29.37	1.16	30.83	1.18
	20	23.51	1.06	24.97	1.10	26.43	1.14	27.48	1.15	29.35	1.17	30.81	1.20
	25	23.49	1.08	24.95	1.11	26.41	1.16	27.46	1.17	29.33	1.19	30.79	1.21
	30	23.47	1.09	24.93	1.13	26.39	1.17	27.44	1.19	29.30	1.21	30.76	1.23
	35	23.46	1.11	24.91	1.15	26.37	1.19	27.42	1.20	29.28	1.22	30.74	1.25
	40	23.44	1.12	24.89	1.16	26.35	1.20	27.40	1.22	29.26	1.24	30.72	1.27
	45	23.42	1.14	24.87	1.18	26.33	1.22	27.38	1.23	29.24	1.26	30.69	1.28
	50	23.40	1.15	24.85	1.19	26.31	1.24	27.36	1.25	29.21	1.27	30.67	1.30
	55	23.38	1.17	24.84	1.21	26.29	1.25	27.34	1.27	29.19	1.29	30.64	1.32
	60	23.37	1.18	24.82	1.22	26.27	1.27	27.32	1.28	29.17	1.31	30.62	1.33
	65	23.35	1.20	24.80	1.24	26.25	1.28	27.29	1.30	29.15	1.32	30.60	1.35
	70	23.33	1.21	24.78	1.25	26.23	1.30	27.27	1.32	29.13	1.34	30.57	1.37
	75	22.77	1.28	24.21	1.32	25.66	1.37	26.70	1.39	28.55	1.41	29.99	1.44
	80	22.21	1.34	23.65	1.39	25.09	1.44	26.13	1.46	27.97	1.48	29.42	1.51
	85	21.65	1.41	23.09	1.46	24.53	1.51	25.57	1.53	27.40	1.56	28.84	1.59
	90	21.09	1.47	22.53	1.53	23.96	1.58	25.00	1.60	26.83	1.63	28.27	1.66
	95	20.49	1.54	21.92	1.59	23.35	1.65	24.00	1.67	26.20	1.70	27.63	1.74
	100	19.99	1.60	21.42	1.66	22.85	1.72	23.69	1.74	25.70	1.77	27.13	1.81
	105	19.49	1.67	20.92	1.73	22.35	1.79	23.38	1.81	25.20	1.85	26.63	1.88
	110	18.99	1.73	20.42	1.80	21.85	1.86	22.88	1.88	24.70	1.92	26.13	1.96
	115	18.49	1.80	19.92	1.86	21.35	1.93	22.38	1.95	24.20	1.99	25.63	2.03
	118	18.19	1.84	19.62	1.90	21.05	1.97	22.08	2.00	23.90	2.03	25.33	2.08
	122	18.10	1.89	19.52	1.96	20.95	2.03	21.98	2.05	23.81	2.09	25.23	2.13
25	-4	24.58	1.03	26.10	1.07	27.63	1.11	28.73	1.12	30.68	1.15	32.21	1.17
	0	24.57	1.05	26.09	1.08	27.62	1.12	28.72	1.14	30.67	1.16	32.19	1.18
	5	24.54	1.06	26.07	1.10	27.59	1.14	28.69	1.16	30.64	1.18	32.17	1.20
	10	24.53	1.08	26.05	1.12	27.57	1.16	28.67	1.17	30.62	1.19	32.14	1.22
	14	24.51	1.09	26.03	1.13	27.55	1.18	28.65	1.19	30.60	1.21	32.12	1.24
	20	24.49	1.11	26.01	1.15	27.53	1.19	28.63	1.21	30.57	1.23	32.09	1.25
	25	24.47	1.13	25.99	1.17	27.51	1.21	28.61	1.22	30.55	1.25	32.07	1.27
	30	24.45	1.14	25.97	1.18	27.49	1.23	28.59	1.24	30.53	1.26	32.04	1.29
	35	24.43	1.16	25.95	1.20	27.47	1.24	28.56	1.26	30.50	1.28	32.02	1.31
	40	24.41	1.17	25.93	1.22	27.45	1.26	28.54	1.27	30.48	1.30	32.00	1.32
	45	24.40	1.19	25.91	1.23	27.43	1.28	28.52	1.29	30.46	1.32	31.97	1.34
	50	24.38	1.20	25.89	1.25	27.40	1.29	28.50	1.31	30.43	1.33	31.95	1.36
	55	24.36	1.22	25.87	1.26	27.38	1.31	28.48	1.33	30.41	1.35	31.92	1.38
	60	24.34	1.24	25.85	1.28	27.36	1.33	28.45	1.34	30.39	1.37	31.90	1.40
	65	24.32	1.25	25.83	1.30	27.34	1.34	28.43	1.36	30.36	1.39	31.87	1.41
	70	24.30	1.27	25.81	1.31	27.32	1.36	28.41	1.38	30.34	1.40	31.85	1.43
	75	23.72	1.34	25.22	1.38	26.73	1.44	27.82	1.45	29.74	1.48	31.24	1.51
	80	23.13	1.40	24.63	1.46	26.14	1.51	27.22	1.53	29.14	1.55	30.64	1.59
	85	22.55	1.47	24.05	1.53	25.55	1.58	26.63	1.60	28.54	1.63	30.04	1.66
	90	21.97	1.54	23.47	1.60	24.96	1.66	26.04	1.67	27.95	1.71	29.44	1.74
	95	21.34	1.61	22.83	1.67	24.32	1.73	25.00	1.75	27.29	1.78	28.78	1.82
	100	20.82	1.68	22.31	1.74	23.80	1.80	24.68	1.82	26.77	1.86	28.26	1.89
	105	20.30	1.75	21.79	1.81	23.28	1.88	24.35	1.90	26.25	1.93	27.74	1.97
	110	19.78	1.81	21.27	1.88	22.76	1.95	23.83	1.97	25.73	2.01	27.22	2.05
	115	19.26	1.88	20.75	1.95	22.24	2.02	23.31	2.05	25.21	2.08	26.70	2.13
	118	18.95	1.92	20.44	1.99	21.93	2.07	23.00	2.09	24.90	2.13	26.39	2.17
	122	18.85	1.98	20.34	2.05	21.82	2.13	22.90	2.15	24.80	2.19	26.28	2.23

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 137: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	25.56	1.08	27.15	1.12	28.74	1.16	29.88	1.18	31.91	1.20	33.50	1.22
	0	25.55	1.09	27.13	1.13	28.72	1.17	29.87	1.19	31.89	1.21	33.48	1.23
	5	25.53	1.11	27.11	1.15	28.70	1.19	29.84	1.21	31.87	1.23	33.45	1.25
	10	25.51	1.13	27.09	1.17	28.68	1.21	29.82	1.23	31.84	1.25	33.43	1.27
	14	25.49	1.14	27.07	1.19	28.65	1.23	29.80	1.24	31.82	1.27	33.40	1.29
	20	25.47	1.16	27.05	1.20	28.63	1.25	29.77	1.26	31.80	1.28	33.38	1.31
	25	25.45	1.18	27.03	1.22	28.61	1.26	29.75	1.28	31.77	1.30	33.35	1.33
	30	25.43	1.19	27.01	1.24	28.59	1.28	29.73	1.30	31.75	1.32	33.33	1.35
	35	25.41	1.21	26.99	1.25	28.57	1.30	29.71	1.31	31.72	1.34	33.30	1.37
	40	25.39	1.23	26.97	1.27	28.54	1.32	29.68	1.33	31.70	1.36	33.27	1.38
	45	25.37	1.24	26.95	1.29	28.52	1.34	29.66	1.35	31.67	1.38	33.25	1.40
	50	25.35	1.26	26.93	1.31	28.50	1.35	29.64	1.37	31.65	1.39	33.22	1.42
	55	25.33	1.28	26.91	1.32	28.48	1.37	29.61	1.39	31.63	1.41	33.20	1.44
	60	25.31	1.29	26.88	1.34	28.46	1.39	29.59	1.40	31.60	1.43	33.17	1.46
	65	25.29	1.31	26.86	1.36	28.43	1.41	29.57	1.42	31.58	1.45	33.15	1.48
	70	25.27	1.32	26.84	1.37	28.41	1.42	29.55	1.44	31.55	1.47	33.12	1.50
	75	24.67	1.40	26.23	1.45	27.80	1.50	28.93	1.52	30.93	1.55	32.49	1.58
	80	24.06	1.47	25.62	1.52	27.18	1.58	28.31	1.60	30.31	1.62	31.87	1.66
	85	23.45	1.54	25.01	1.60	26.57	1.65	27.70	1.67	29.69	1.70	31.24	1.74
	90	22.85	1.61	24.41	1.67	25.96	1.73	27.08	1.75	29.07	1.78	30.62	1.82
	95	22.20	1.68	23.74	1.74	25.29	1.81	26.00	1.83	28.38	1.86	29.93	1.90
	100	21.66	1.75	23.20	1.82	24.75	1.88	25.66	1.91	27.84	1.94	29.39	1.98
	105	21.12	1.83	22.66	1.89	24.21	1.96	25.33	1.98	27.30	2.02	28.85	2.06
	110	20.58	1.90	22.12	1.97	23.67	2.04	24.79	2.06	26.76	2.10	28.31	2.14
	115	20.04	1.97	21.58	2.04	23.13	2.11	24.25	2.14	26.22	2.18	27.77	2.22
	118	19.71	2.01	21.26	2.08	22.80	2.16	23.92	2.19	25.90	2.23	27.44	2.27
	122	19.60	2.07	21.15	2.14	22.70	2.22	23.81	2.25	25.79	2.29	27.34	2.34
27	-4	26.54	1.13	28.19	1.17	29.84	1.21	31.03	1.23	33.14	1.25	34.79	1.27
	0	26.53	1.14	28.18	1.18	29.83	1.23	31.02	1.24	33.12	1.26	34.77	1.29
	5	26.51	1.16	28.15	1.20	29.80	1.25	30.99	1.26	33.09	1.28	34.74	1.31
	10	26.49	1.18	28.13	1.22	29.78	1.26	30.97	1.28	33.07	1.30	34.71	1.33
	14	26.47	1.19	28.11	1.24	29.76	1.28	30.94	1.30	33.04	1.32	34.69	1.35
	20	26.45	1.21	28.09	1.26	29.73	1.30	30.92	1.32	33.02	1.34	34.66	1.37
	25	26.43	1.23	28.07	1.27	29.71	1.32	30.90	1.33	32.99	1.36	34.63	1.39
	30	26.41	1.25	28.05	1.29	29.69	1.34	30.87	1.35	32.97	1.38	34.61	1.41
	35	26.39	1.26	28.03	1.31	29.66	1.36	30.85	1.37	32.94	1.40	34.58	1.43
	40	26.37	1.28	28.00	1.33	29.64	1.38	30.82	1.39	32.92	1.42	34.55	1.45
	45	26.35	1.30	27.98	1.34	29.62	1.39	30.80	1.41	32.89	1.44	34.53	1.46
	50	26.33	1.31	27.96	1.36	29.60	1.41	30.78	1.43	32.87	1.45	34.50	1.48
	55	26.31	1.33	27.94	1.38	29.57	1.43	30.75	1.45	32.84	1.47	34.48	1.50
	60	26.29	1.35	27.92	1.40	29.55	1.45	30.73	1.47	32.82	1.49	34.45	1.52
	65	26.27	1.37	27.90	1.42	29.53	1.47	30.71	1.48	32.79	1.51	34.42	1.54
	70	26.25	1.38	27.88	1.43	29.51	1.49	30.68	1.50	32.77	1.53	34.40	1.56
	75	25.61	1.46	27.24	1.51	28.87	1.57	30.04	1.58	32.12	1.61	33.74	1.65
	80	24.98	1.53	26.60	1.59	28.23	1.65	29.40	1.66	31.47	1.70	33.09	1.73
	85	24.36	1.61	25.97	1.67	27.59	1.73	28.76	1.75	30.83	1.78	32.45	1.81
	90	23.73	1.68	25.34	1.74	26.96	1.81	28.12	1.83	30.19	1.86	31.80	1.90
	95	23.05	1.76	24.66	1.82	26.26	1.89	27.00	1.91	29.48	1.94	31.08	1.98
	100	22.49	1.83	24.10	1.90	25.70	1.97	26.65	1.99	28.91	2.03	30.52	2.07
	105	21.93	1.91	23.53	1.97	25.14	2.05	26.30	2.07	28.35	2.11	29.96	2.15
	110	21.37	1.98	22.97	2.05	24.58	2.13	25.74	2.15	27.79	2.19	29.40	2.24
	115	20.81	2.05	22.41	2.13	24.02	2.21	25.18	2.23	27.23	2.27	28.84	2.32
	118	20.47	2.10	22.08	2.18	23.68	2.26	24.84	2.28	26.89	2.32	28.50	2.37
	122	20.36	2.16	21.96	2.24	23.57	2.32	24.73	2.35	26.78	2.39	28.39	2.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 138: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	27.53	1.18	29.24	1.22	30.95	1.26	32.18	1.28	34.37	1.30	36.08	1.33
	0	27.51	1.19	29.22	1.23	30.93	1.28	32.16	1.29	34.35	1.32	36.06	1.34
	5	27.49	1.21	29.20	1.25	30.90	1.30	32.14	1.31	34.32	1.34	36.03	1.37
	10	27.47	1.23	29.18	1.27	30.88	1.32	32.11	1.33	34.29	1.36	36.00	1.39
	14	27.45	1.24	29.15	1.29	30.86	1.34	32.09	1.35	34.27	1.38	35.97	1.41
	20	27.43	1.26	29.13	1.31	30.83	1.36	32.06	1.37	34.24	1.40	35.94	1.43
	25	27.41	1.28	29.11	1.33	30.81	1.38	32.04	1.39	34.21	1.42	35.92	1.45
	30	27.39	1.30	29.09	1.35	30.79	1.39	32.02	1.41	34.19	1.44	35.89	1.47
	35	27.36	1.32	29.06	1.36	30.76	1.41	31.99	1.43	34.16	1.46	35.86	1.49
	40	27.34	1.33	29.04	1.38	30.74	1.43	31.97	1.45	34.14	1.48	35.83	1.51
	45	27.32	1.35	29.02	1.40	30.72	1.45	31.94	1.47	34.11	1.50	35.81	1.53
	50	27.30	1.37	29.00	1.42	30.69	1.47	31.92	1.49	34.08	1.52	35.78	1.55
	55	27.28	1.39	28.98	1.44	30.67	1.49	31.89	1.51	34.06	1.54	35.75	1.57
	60	27.26	1.41	28.95	1.46	30.65	1.51	31.87	1.53	34.03	1.56	35.72	1.59
	65	27.24	1.42	28.93	1.48	30.62	1.53	31.84	1.55	34.01	1.58	35.70	1.61
	70	27.22	1.44	28.91	1.49	30.60	1.55	31.82	1.57	33.98	1.60	35.67	1.63
	75	26.56	1.52	28.25	1.57	29.94	1.63	31.15	1.65	33.31	1.68	34.99	1.72
	80	25.91	1.60	27.59	1.66	29.27	1.72	30.49	1.74	32.64	1.77	34.32	1.80
	85	25.26	1.67	26.94	1.74	28.61	1.80	29.83	1.82	31.97	1.85	33.65	1.89
	90	24.61	1.75	26.28	1.82	27.96	1.88	29.17	1.90	31.30	1.94	32.98	1.98
	95	23.91	1.83	25.57	1.90	27.24	1.97	28.00	1.99	30.57	2.03	32.23	2.07
	100	23.32	1.91	24.99	1.98	26.65	2.05	27.64	2.07	29.98	2.11	31.65	2.15
	105	22.74	1.99	24.41	2.06	26.07	2.13	27.27	2.16	29.40	2.20	31.07	2.24
	110	22.16	2.06	23.82	2.14	25.49	2.22	26.69	2.24	28.82	2.28	30.49	2.33
	115	21.58	2.14	23.24	2.22	24.91	2.30	26.11	2.33	28.24	2.37	29.90	2.42
	118	21.23	2.19	22.89	2.27	24.56	2.35	25.76	2.38	27.89	2.42	29.55	2.47
	122	21.11	2.25	22.78	2.33	24.44	2.42	25.64	2.45	27.77	2.49	29.44	2.54
29	-4	28.51	1.23	30.28	1.27	32.05	1.32	33.33	1.33	35.59	1.36	37.36	1.38
	0	28.50	1.24	30.27	1.28	32.03	1.33	33.31	1.35	35.57	1.37	37.34	1.40
	5	28.47	1.26	30.24	1.30	32.01	1.35	33.29	1.37	35.54	1.39	37.31	1.42
	10	28.45	1.28	30.22	1.32	31.98	1.37	33.26	1.39	35.52	1.41	37.28	1.44
	14	28.43	1.30	30.19	1.34	31.96	1.39	33.23	1.41	35.49	1.43	37.26	1.46
	20	28.41	1.31	30.17	1.36	31.94	1.41	33.21	1.43	35.46	1.46	37.23	1.48
	25	28.39	1.33	30.15	1.38	31.91	1.43	33.18	1.45	35.44	1.48	37.20	1.51
	30	28.36	1.35	30.13	1.40	31.89	1.45	33.16	1.47	35.41	1.50	37.17	1.53
	35	28.34	1.37	30.10	1.42	31.86	1.47	33.13	1.49	35.38	1.52	37.14	1.55
	40	28.32	1.39	30.08	1.44	31.84	1.49	33.11	1.51	35.36	1.54	37.11	1.57
	45	28.30	1.41	30.06	1.46	31.81	1.51	33.08	1.53	35.33	1.56	37.09	1.59
	50	28.28	1.43	30.03	1.48	31.79	1.53	33.06	1.55	35.30	1.58	37.06	1.61
	55	28.26	1.44	30.01	1.50	31.76	1.55	33.03	1.57	35.27	1.60	37.03	1.63
	60	28.23	1.46	29.99	1.52	31.74	1.57	33.01	1.59	35.25	1.62	37.00	1.65
	65	28.21	1.48	29.96	1.54	31.72	1.59	32.98	1.61	35.22	1.64	36.97	1.67
	70	28.19	1.50	29.94	1.56	31.69	1.61	32.96	1.63	35.19	1.66	36.94	1.69
	75	27.51	1.58	29.26	1.64	31.00	1.70	32.27	1.72	34.50	1.75	36.24	1.79
	80	26.83	1.66	28.58	1.72	30.32	1.79	31.58	1.81	33.80	1.84	35.54	1.88
	85	26.16	1.74	27.90	1.81	29.64	1.87	30.89	1.89	33.11	1.93	34.85	1.97
	90	25.49	1.82	27.22	1.89	28.96	1.96	30.21	1.98	32.42	2.02	34.16	2.06
	95	24.76	1.91	26.48	1.97	28.21	2.05	29.00	2.07	31.66	2.11	33.38	2.15
	100	24.16	1.99	25.88	2.06	27.61	2.13	28.62	2.16	31.06	2.20	32.78	2.24
	105	23.55	2.07	25.28	2.14	27.00	2.22	28.25	2.25	30.45	2.29	32.18	2.33
	110	22.95	2.15	24.68	2.23	26.40	2.31	27.65	2.33	29.85	2.38	31.57	2.43
	115	22.35	2.23	24.07	2.31	25.80	2.39	27.04	2.42	29.25	2.47	30.97	2.52
	118	21.99	2.28	23.71	2.36	25.44	2.45	26.68	2.48	28.88	2.52	30.61	2.57
	122	21.86	2.34	23.59	2.43	25.31	2.52	26.56	2.55	28.76	2.59	30.49	2.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 139: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	29.49	1.27	31.33	1.32	33.16	1.37	34.48	1.38	36.82	1.41	38.65	1.44
	0	29.48	1.29	31.31	1.33	33.14	1.38	34.46	1.40	36.80	1.43	38.63	1.45
	5	29.45	1.31	31.28	1.36	33.11	1.41	34.43	1.42	36.77	1.45	38.60	1.48
	10	29.43	1.33	31.26	1.38	33.09	1.43	34.41	1.44	36.74	1.47	38.57	1.50
	14	29.41	1.35	31.24	1.40	33.06	1.45	34.38	1.46	36.71	1.49	38.54	1.52
	20	29.39	1.37	31.21	1.42	33.04	1.47	34.35	1.49	36.69	1.51	38.51	1.54
	25	29.36	1.39	31.19	1.44	33.01	1.49	34.33	1.51	36.66	1.53	38.48	1.57
	30	29.34	1.41	31.16	1.46	32.99	1.51	34.30	1.53	36.63	1.56	38.45	1.59
	35	29.32	1.42	31.14	1.48	32.96	1.53	34.28	1.55	36.60	1.58	38.42	1.61
	40	29.30	1.44	31.12	1.50	32.94	1.55	34.25	1.57	36.57	1.60	38.39	1.63
	45	29.27	1.46	31.09	1.52	32.91	1.57	34.22	1.59	36.55	1.62	38.36	1.65
	50	29.25	1.48	31.07	1.54	32.89	1.59	34.20	1.61	36.52	1.64	38.34	1.67
	55	29.23	1.50	31.04	1.56	32.86	1.61	34.17	1.63	36.49	1.66	38.31	1.70
	60	29.21	1.52	31.02	1.58	32.83	1.63	34.14	1.65	36.46	1.68	38.28	1.72
	65	29.18	1.54	31.00	1.60	32.81	1.66	34.12	1.67	36.43	1.71	38.25	1.74
	70	29.16	1.56	30.97	1.62	32.78	1.68	34.09	1.70	36.41	1.73	38.22	1.76
	75	28.46	1.64	30.27	1.70	32.07	1.77	33.38	1.79	35.69	1.82	37.49	1.86
	80	27.76	1.73	29.56	1.79	31.36	1.86	32.66	1.88	34.97	1.91	36.77	1.95
	85	27.06	1.81	28.86	1.88	30.66	1.95	31.96	1.97	34.25	2.01	36.05	2.05
	90	26.37	1.90	28.16	1.97	29.95	2.04	31.25	2.06	33.54	2.10	35.33	2.14
	95	25.61	1.98	27.40	2.05	29.18	2.13	30.00	2.15	32.75	2.19	34.53	2.24
	100	24.99	2.07	26.77	2.14	28.56	2.22	29.61	2.24	32.13	2.29	33.91	2.33
	105	24.37	2.15	26.15	2.23	27.93	2.31	29.22	2.34	31.50	2.38	33.29	2.43
	110	23.74	2.23	25.53	2.32	27.31	2.40	28.60	2.43	30.88	2.47	32.66	2.52
	115	23.12	2.32	24.90	2.40	26.69	2.49	27.98	2.52	30.26	2.57	32.04	2.62
	118	22.74	2.37	24.53	2.45	26.31	2.54	27.60	2.57	29.88	2.62	31.67	2.67
	122	22.62	2.44	24.40	2.52	26.19	2.62	27.48	2.65	29.76	2.70	31.54	2.75
31	-4	30.48	1.32	32.37	1.37	34.26	1.42	35.63	1.44	38.05	1.46	39.94	1.49
	0	30.46	1.34	32.35	1.39	34.24	1.44	35.61	1.45	38.03	1.48	39.92	1.51
	5	30.44	1.36	32.33	1.41	34.22	1.46	35.58	1.48	38.00	1.50	39.89	1.54
	10	30.41	1.38	32.30	1.43	34.19	1.48	35.55	1.50	37.97	1.53	39.86	1.56
	14	30.39	1.40	32.28	1.45	34.16	1.50	35.53	1.52	37.94	1.55	39.83	1.58
	20	30.37	1.42	32.25	1.47	34.14	1.53	35.50	1.54	37.91	1.57	39.80	1.60
	25	30.34	1.44	32.23	1.49	34.11	1.55	35.47	1.56	37.88	1.59	39.77	1.63
	30	30.32	1.46	32.20	1.51	34.09	1.57	35.45	1.59	37.85	1.62	39.73	1.65
	35	30.30	1.48	32.18	1.53	34.06	1.59	35.42	1.61	37.82	1.64	39.70	1.67
	40	30.27	1.50	32.15	1.55	34.03	1.61	35.39	1.63	37.79	1.66	39.67	1.69
	45	30.25	1.52	32.13	1.58	34.01	1.63	35.36	1.65	37.76	1.68	39.64	1.72
	50	30.23	1.54	32.10	1.60	33.98	1.65	35.34	1.67	37.74	1.71	39.61	1.74
	55	30.20	1.56	32.08	1.62	33.96	1.68	35.31	1.70	37.71	1.73	39.58	1.76
	60	30.18	1.58	32.05	1.64	33.93	1.70	35.28	1.72	37.68	1.75	39.55	1.79
	65	30.16	1.60	32.03	1.66	33.90	1.72	35.26	1.74	37.65	1.77	39.52	1.81
	70	30.13	1.62	32.01	1.68	33.88	1.74	35.23	1.76	37.62	1.79	39.49	1.83
	75	29.41	1.71	31.28	1.77	33.14	1.84	34.49	1.86	36.88	1.89	38.74	1.93
	80	28.68	1.80	30.55	1.86	32.41	1.93	33.75	1.95	36.13	1.99	38.00	2.03
	85	27.97	1.88	29.82	1.95	31.68	2.02	33.02	2.05	35.40	2.08	37.25	2.13
	90	27.25	1.97	29.10	2.04	30.95	2.12	32.29	2.14	34.66	2.18	36.51	2.23
	95	26.47	2.06	28.31	2.13	30.15	2.21	31.00	2.24	33.84	2.28	35.69	2.32
	100	25.82	2.15	27.67	2.22	29.51	2.30	30.60	2.33	33.20	2.38	35.04	2.42
	105	25.18	2.23	27.02	2.31	28.87	2.40	30.20	2.43	32.55	2.47	34.40	2.52
	110	24.53	2.32	26.38	2.41	28.22	2.49	29.55	2.52	31.91	2.57	33.75	2.62
	115	23.89	2.41	25.73	2.50	27.58	2.59	28.91	2.62	31.26	2.67	33.11	2.72
	118	23.50	2.46	25.35	2.55	27.19	2.64	28.52	2.67	30.88	2.72	32.72	2.78
	122	23.37	2.53	25.22	2.62	27.06	2.72	28.39	2.75	30.75	2.80	32.59	2.86

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 140: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	31.46	1.37	33.41	1.42	35.37	1.48	36.78	1.49	39.28	1.52	41.23	1.55
	0	31.44	1.39	33.40	1.44	35.35	1.49	36.76	1.51	39.25	1.54	41.21	1.57
	5	31.42	1.41	33.37	1.46	35.32	1.52	36.73	1.53	39.22	1.56	41.17	1.59
	10	31.39	1.43	33.34	1.48	35.29	1.54	36.70	1.56	39.19	1.58	41.14	1.62
	14	31.37	1.45	33.32	1.51	35.27	1.56	36.67	1.58	39.16	1.61	41.11	1.64
	20	31.35	1.47	33.29	1.53	35.24	1.58	36.64	1.60	39.13	1.63	41.08	1.66
	25	31.32	1.49	33.27	1.55	35.21	1.61	36.62	1.62	39.10	1.65	41.05	1.69
	30	31.30	1.51	33.24	1.57	35.19	1.63	36.59	1.65	39.07	1.68	41.02	1.71
	35	31.27	1.54	33.22	1.59	35.16	1.65	36.56	1.67	39.04	1.70	40.99	1.73
	40	31.25	1.56	33.19	1.61	35.13	1.67	36.53	1.69	39.01	1.72	40.95	1.76
	45	31.23	1.58	33.17	1.64	35.10	1.69	36.51	1.71	38.98	1.75	40.92	1.78
	50	31.20	1.60	33.14	1.66	35.08	1.72	36.48	1.74	38.95	1.77	40.89	1.81
	55	31.18	1.62	33.11	1.68	35.05	1.74	36.45	1.76	38.92	1.79	40.86	1.83
	60	31.15	1.64	33.09	1.70	35.02	1.76	36.42	1.78	38.89	1.82	40.83	1.85
	65	31.13	1.66	33.06	1.72	35.00	1.78	36.39	1.81	38.86	1.84	40.80	1.88
	70	31.11	1.68	33.04	1.74	34.97	1.81	36.37	1.83	38.83	1.86	40.77	1.90
	75	30.36	1.77	32.28	1.84	34.21	1.90	35.60	1.93	38.07	1.96	39.99	2.00
	80	29.61	1.86	31.53	1.93	33.45	2.00	34.84	2.02	37.30	2.06	39.22	2.10
	85	28.87	1.95	30.78	2.03	32.70	2.10	34.09	2.12	36.54	2.16	38.46	2.21
	90	28.13	2.04	30.04	2.12	31.95	2.20	33.33	2.22	35.78	2.26	37.69	2.31
	95	27.32	2.14	29.22	2.21	31.13	2.29	32.00	2.32	34.93	2.36	36.84	2.41
	100	26.65	2.23	28.56	2.31	30.46	2.39	31.59	2.42	34.27	2.46	36.17	2.51
33	105	25.99	2.32	27.89	2.40	29.80	2.49	31.17	2.52	33.60	2.57	35.51	2.62
	110	25.32	2.41	27.23	2.50	29.13	2.59	30.51	2.62	32.94	2.67	34.84	2.72
	115	24.66	2.50	26.56	2.59	28.47	2.68	29.84	2.72	32.27	2.77	34.18	2.82
	118	24.26	2.55	26.16	2.65	28.07	2.74	29.44	2.77	31.87	2.83	33.78	2.88
	122	24.13	2.63	26.03	2.72	27.93	2.82	29.31	2.85	31.74	2.91	33.64	2.97
	-4	32.44	1.42	34.46	1.48	36.47	1.53	37.93	1.55	40.50	1.58	42.52	1.61
	0	32.43	1.44	34.44	1.49	36.45	1.55	37.91	1.56	40.48	1.59	42.49	1.63
	5	32.40	1.46	34.41	1.52	36.42	1.57	37.88	1.59	40.45	1.62	42.46	1.65
	10	32.37	1.48	34.39	1.54	36.40	1.59	37.85	1.61	40.42	1.64	42.43	1.68
	14	32.35	1.51	34.36	1.56	36.37	1.62	37.82	1.64	40.39	1.67	42.40	1.70
	20	32.33	1.53	34.33	1.58	36.34	1.64	37.79	1.66	40.36	1.69	42.36	1.72
	25	32.30	1.55	34.31	1.61	36.31	1.66	37.76	1.68	40.32	1.71	42.33	1.75
	30	32.28	1.57	34.28	1.63	36.28	1.69	37.73	1.71	40.29	1.74	42.30	1.77
	35	32.25	1.59	34.25	1.65	36.26	1.71	37.70	1.73	40.26	1.76	42.27	1.80
	40	32.23	1.61	34.23	1.67	36.23	1.73	37.67	1.75	40.23	1.79	42.23	1.82
	45	32.20	1.64	34.20	1.70	36.20	1.76	37.65	1.78	40.20	1.81	42.20	1.85
	50	32.18	1.66	34.18	1.72	36.17	1.78	37.62	1.80	40.17	1.83	42.17	1.87
	55	32.15	1.68	34.15	1.74	36.15	1.80	37.59	1.82	40.14	1.86	42.14	1.90
	60	32.13	1.70	34.12	1.76	36.12	1.83	37.56	1.85	40.11	1.88	42.10	1.92
	65	32.10	1.72	34.10	1.78	36.09	1.85	37.53	1.87	40.08	1.91	42.07	1.94
	70	32.08	1.74	34.07	1.81	36.06	1.87	37.50	1.89	40.05	1.93	42.04	1.97
	75	31.31	1.84	33.29	1.90	35.28	1.97	36.72	2.00	39.26	2.03	41.24	2.08
	80	30.53	1.93	32.52	2.00	34.50	2.08	35.93	2.10	38.46	2.14	40.45	2.18
	85	29.77	2.03	31.75	2.10	33.72	2.18	35.15	2.20	37.68	2.24	39.66	2.29
	90	29.00	2.12	30.98	2.20	32.95	2.28	34.37	2.30	36.89	2.35	38.87	2.39
	95	28.17	2.21	30.14	2.29	32.10	2.38	33.00	2.41	36.03	2.45	37.99	2.50
	100	27.49	2.31	29.45	2.39	31.41	2.48	32.57	2.51	35.34	2.56	37.30	2.61
	105	26.80	2.40	28.76	2.49	30.73	2.58	32.14	2.61	34.65	2.66	36.62	2.71
	110	26.12	2.50	28.08	2.59	30.04	2.68	31.46	2.71	33.97	2.76	35.93	2.82
	115	25.43	2.59	27.39	2.68	29.36	2.78	30.77	2.81	33.28	2.87	35.24	2.93
	118	25.02	2.65	26.98	2.74	28.94	2.84	30.36	2.88	32.87	2.93	34.83	2.99
	122	24.88	2.72	26.84	2.82	28.81	2.92	30.22	2.96	32.73	3.01	34.69	3.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 141: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	33.43	1.47	35.50	1.53	37.58	1.58	39.08	1.60	41.73	1.63	43.81	1.66
	0	33.41	1.49	35.48	1.54	37.56	1.60	39.06	1.62	41.71	1.65	43.78	1.68
	5	33.38	1.51	35.45	1.57	37.53	1.63	39.02	1.65	41.67	1.68	43.75	1.71
	10	33.36	1.54	35.43	1.59	37.50	1.65	38.99	1.67	41.64	1.70	43.71	1.74
	14	33.33	1.56	35.40	1.62	37.47	1.68	38.96	1.69	41.61	1.73	43.68	1.76
	20	33.30	1.58	35.37	1.64	37.44	1.70	38.94	1.72	41.58	1.75	43.65	1.79
	25	33.28	1.60	35.35	1.66	37.41	1.72	38.91	1.74	41.55	1.78	43.61	1.81
	30	33.25	1.63	35.32	1.69	37.38	1.75	38.88	1.77	41.51	1.80	43.58	1.84
	35	33.23	1.65	35.29	1.71	37.36	1.77	38.85	1.79	41.48	1.83	43.55	1.86
	40	33.20	1.67	35.27	1.73	37.33	1.80	38.82	1.82	41.45	1.85	43.51	1.89
	45	33.18	1.69	35.24	1.76	37.30	1.82	38.79	1.84	41.42	1.88	43.48	1.91
	50	33.15	1.72	35.21	1.78	37.27	1.84	38.76	1.87	41.39	1.90	43.45	1.94
	55	33.13	1.74	35.18	1.80	37.24	1.87	38.73	1.89	41.36	1.92	43.41	1.96
	60	33.10	1.76	35.16	1.83	37.21	1.89	38.70	1.91	41.32	1.95	43.38	1.99
	65	33.08	1.78	35.13	1.85	37.18	1.92	38.67	1.94	41.29	1.97	43.35	2.01
	70	33.05	1.81	35.10	1.87	37.16	1.94	38.64	1.96	41.26	2.00	43.31	2.04
	75	32.26	1.90	34.30	1.97	36.35	2.04	37.83	2.07	40.45	2.11	42.49	2.15
	80	31.46	2.00	33.50	2.07	35.54	2.15	37.02	2.17	39.63	2.21	41.67	2.26
	85	30.67	2.10	32.71	2.17	34.75	2.25	36.22	2.28	38.82	2.32	40.86	2.37
	90	29.88	2.20	31.92	2.28	33.95	2.36	35.42	2.39	38.01	2.43	40.05	2.48
	95	29.03	2.29	31.05	2.38	33.07	2.46	34.00	2.49	37.12	2.54	39.14	2.59
	100	28.32	2.39	30.34	2.48	32.37	2.57	33.56	2.60	36.41	2.65	38.43	2.70
	105	27.61	2.49	29.64	2.58	31.66	2.67	33.12	2.70	35.70	2.75	37.73	2.81
35	110	26.91	2.59	28.93	2.68	30.95	2.78	32.41	2.81	35.00	2.86	37.02	2.92
	115	26.20	2.68	28.22	2.78	30.24	2.88	31.71	2.92	34.29	2.97	36.31	3.03
	118	25.78	2.74	27.80	2.84	29.82	2.94	31.28	2.98	33.87	3.03	35.89	3.10
	122	25.63	2.82	27.66	2.92	29.68	3.03	31.14	3.06	33.72	3.12	35.75	3.18
	-4	34.41	1.53	36.55	1.58	38.68	1.64	40.23	1.66	42.96	1.69	45.09	1.72
	0	34.39	1.54	36.53	1.60	38.66	1.66	40.21	1.68	42.93	1.71	45.07	1.74
	5	34.36	1.57	36.50	1.62	38.63	1.68	40.17	1.70	42.90	1.74	45.03	1.77
	10	34.34	1.59	36.47	1.65	38.60	1.71	40.14	1.73	42.87	1.76	45.00	1.80
	14	34.31	1.61	36.44	1.67	38.57	1.73	40.11	1.75	42.83	1.79	44.96	1.82
	20	34.28	1.64	36.41	1.70	38.54	1.76	40.08	1.78	42.80	1.81	44.93	1.85
	25	34.26	1.66	36.39	1.72	38.51	1.78	40.05	1.80	42.77	1.84	44.90	1.87
	30	34.23	1.68	36.36	1.74	38.48	1.81	40.02	1.83	42.74	1.86	44.86	1.90
	35	34.21	1.71	36.33	1.77	38.45	1.83	39.99	1.85	42.70	1.89	44.83	1.93
	40	34.18	1.73	36.30	1.79	38.42	1.86	39.96	1.88	42.67	1.91	44.79	1.95
	45	34.15	1.75	36.27	1.82	38.40	1.88	39.93	1.90	42.64	1.94	44.76	1.98
	50	34.13	1.78	36.25	1.84	38.37	1.91	39.90	1.93	42.61	1.97	44.72	2.01
	55	34.10	1.80	36.22	1.86	38.34	1.93	39.87	1.96	42.57	1.99	44.69	2.03
	60	34.07	1.82	36.19	1.89	38.31	1.96	39.84	1.98	42.54	2.02	44.66	2.06
	65	34.05	1.85	36.16	1.91	38.28	1.98	39.81	2.01	42.51	2.04	44.62	2.08
	70	34.02	1.87	36.14	1.94	38.25	2.01	39.77	2.03	42.47	2.07	44.59	2.11
	75	33.20	1.97	35.31	2.04	37.42	2.12	38.94	2.14	41.63	2.18	43.74	2.22
	80	32.39	2.07	34.49	2.15	36.59	2.22	38.11	2.25	40.80	2.29	42.90	2.34
	85	31.57	2.17	33.67	2.25	35.77	2.33	37.28	2.36	39.96	2.40	42.06	2.45
	90	30.76	2.27	32.85	2.36	34.95	2.44	36.46	2.47	39.13	2.52	41.22	2.57
	95	29.88	2.37	31.96	2.46	34.04	2.55	35.00	2.58	38.21	2.63	40.29	2.68
	100	29.15	2.47	31.24	2.56	33.32	2.66	34.55	2.69	37.48	2.74	39.56	2.79
	105	28.43	2.57	30.51	2.67	32.59	2.77	34.09	2.80	36.75	2.85	38.83	2.91
	110	27.70	2.68	29.78	2.77	31.86	2.87	33.37	2.91	36.03	2.96	38.11	3.02
	115	26.97	2.78	29.05	2.88	31.13	2.98	32.64	3.02	35.30	3.07	37.38	3.14
	118	26.53	2.84	28.62	2.94	30.70	3.05	32.20	3.08	34.86	3.14	36.94	3.20
	122	26.39	2.92	28.47	3.02	30.55	3.13	32.06	3.17	34.72	3.23	36.80	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 142: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	35.39	1.58	37.59	1.64	39.79	1.69	41.38	1.71	44.19	1.75	46.38	1.78
	0	35.37	1.59	37.57	1.65	39.77	1.71	41.35	1.73	44.16	1.77	46.36	1.80
	5	35.34	1.62	37.54	1.68	39.73	1.74	41.32	1.76	44.12	1.79	46.32	1.83
	10	35.32	1.64	37.51	1.70	39.70	1.77	41.29	1.79	44.09	1.82	46.28	1.86
	14	35.29	1.67	37.48	1.73	39.67	1.79	41.26	1.81	44.06	1.85	46.25	1.88
	20	35.26	1.69	37.45	1.75	39.64	1.82	41.23	1.84	44.02	1.87	46.21	1.91
	25	35.24	1.72	37.43	1.78	39.61	1.84	41.19	1.87	43.99	1.90	46.18	1.94
	30	35.21	1.74	37.40	1.80	39.58	1.87	41.16	1.89	43.96	1.93	46.14	1.97
	35	35.18	1.76	37.37	1.83	39.55	1.90	41.13	1.92	43.92	1.95	46.11	1.99
	40	35.16	1.79	37.34	1.85	39.52	1.92	41.10	1.94	43.89	1.98	46.07	2.02
	45	35.13	1.81	37.31	1.88	39.49	1.95	41.07	1.97	43.86	2.01	46.04	2.05
	50	35.10	1.84	37.28	1.90	39.46	1.97	41.04	2.00	43.82	2.03	46.00	2.07
	55	35.08	1.86	37.25	1.93	39.43	2.00	41.01	2.02	43.79	2.06	45.97	2.10
	60	35.05	1.88	37.23	1.95	39.40	2.02	40.97	2.05	43.76	2.09	45.93	2.13
	65	35.02	1.91	37.20	1.98	39.37	2.05	40.94	2.07	43.72	2.11	45.90	2.16
	70	34.99	1.93	37.17	2.00	39.34	2.08	40.91	2.10	43.69	2.14	45.86	2.18
	75	34.15	2.04	36.32	2.11	38.49	2.19	40.05	2.21	42.82	2.25	44.99	2.30
	80	33.31	2.14	35.47	2.22	37.64	2.30	39.20	2.33	41.96	2.37	44.12	2.42
	85	32.48	2.25	34.63	2.33	36.79	2.41	38.35	2.44	41.10	2.49	43.26	2.54
	90	31.64	2.35	33.79	2.44	35.94	2.52	37.50	2.55	40.25	2.60	42.40	2.65
	95	30.74	2.45	32.88	2.54	35.02	2.64	36.00	2.67	39.30	2.72	41.44	2.77
	100	29.99	2.56	32.13	2.65	34.27	2.75	35.53	2.78	38.55	2.83	40.69	2.89
	105	29.24	2.66	31.38	2.76	33.52	2.86	35.07	2.89	37.80	2.95	39.94	3.01
	110	28.49	2.77	30.63	2.87	32.77	2.97	34.32	3.01	37.05	3.06	39.20	3.12
	115	27.74	2.87	29.88	2.98	32.02	3.08	33.57	3.12	36.31	3.18	38.45	3.24
	118	27.29	2.93	29.43	3.04	31.57	3.15	33.12	3.19	35.86	3.25	38.00	3.31
	122	27.14	3.02	29.28	3.13	31.43	3.24	32.97	3.28	35.71	3.34	37.85	3.41
37	-4	36.38	1.63	38.64	1.69	40.89	1.75	42.53	1.77	45.41	1.81	47.67	1.84
	0	36.36	1.65	38.61	1.71	40.87	1.77	42.50	1.79	45.39	1.82	47.65	1.86
	5	36.33	1.68	38.58	1.74	40.84	1.80	42.47	1.82	45.35	1.85	47.61	1.89
	10	36.30	1.70	38.55	1.76	40.81	1.83	42.44	1.85	45.32	1.88	47.57	1.92
	14	36.27	1.72	38.52	1.79	40.78	1.85	42.40	1.87	45.28	1.91	47.53	1.95
	20	36.24	1.75	38.49	1.81	40.75	1.88	42.37	1.90	45.25	1.94	47.50	1.98
	25	36.22	1.77	38.46	1.84	40.71	1.91	42.34	1.93	45.21	1.96	47.46	2.00
	30	36.19	1.80	38.44	1.86	40.68	1.93	42.31	1.96	45.18	1.99	47.43	2.03
	35	36.16	1.82	38.41	1.89	40.65	1.96	42.27	1.98	45.14	2.02	47.39	2.06
	40	36.13	1.85	38.38	1.92	40.62	1.99	42.24	2.01	45.11	2.05	47.35	2.09
	45	36.11	1.87	38.35	1.94	40.59	2.01	42.21	2.04	45.07	2.07	47.32	2.12
	50	36.08	1.90	38.32	1.97	40.56	2.04	42.18	2.06	45.04	2.10	47.28	2.14
	55	36.05	1.92	38.29	1.99	40.53	2.07	42.14	2.09	45.01	2.13	47.24	2.17
	60	36.02	1.95	38.26	2.02	40.50	2.09	42.11	2.12	44.97	2.16	47.21	2.20
	65	35.99	1.97	38.23	2.04	40.47	2.12	42.08	2.14	44.94	2.18	47.17	2.23
	70	35.97	2.00	38.20	2.07	40.43	2.15	42.05	2.17	44.90	2.21	47.14	2.26
	75	35.10	2.11	37.33	2.18	39.56	2.26	41.17	2.29	44.01	2.33	46.24	2.38
	80	34.24	2.21	36.46	2.29	38.68	2.38	40.29	2.40	43.13	2.45	45.35	2.50
	85	33.38	2.32	35.60	2.41	37.81	2.49	39.41	2.52	42.25	2.57	44.46	2.62
	90	32.52	2.43	34.73	2.52	36.94	2.61	38.54	2.64	41.37	2.69	43.58	2.74
	95	31.59	2.54	33.79	2.63	35.99	2.72	37.00	2.76	40.39	2.81	42.59	2.86
	100	30.82	2.64	33.02	2.74	35.22	2.84	36.52	2.87	39.62	2.93	41.82	2.99
	105	30.05	2.75	32.25	2.85	34.45	2.96	36.04	2.99	38.85	3.05	41.05	3.11
	110	29.28	2.86	31.48	2.96	33.68	3.07	35.27	3.11	38.08	3.17	40.28	3.23
	115	28.51	2.97	30.71	3.08	32.91	3.19	34.50	3.22	37.31	3.28	39.52	3.35
	118	28.05	3.03	30.25	3.14	32.45	3.26	34.04	3.29	36.85	3.36	39.05	3.42
	122	27.90	3.12	30.10	3.23	32.30	3.35	33.89	3.39	36.70	3.45	38.90	3.52

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 143: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	37.36	1.68	39.68	1.75	42.00	1.81	43.68	1.83	46.64	1.86	48.96	1.90
	0	37.34	1.70	39.66	1.76	41.98	1.83	43.65	1.85	46.61	1.88	48.93	1.92
	5	37.31	1.73	39.63	1.79	41.94	1.86	43.62	1.88	46.58	1.92	48.89	1.95
	10	37.28	1.76	39.59	1.82	41.91	1.89	43.58	1.91	46.54	1.94	48.86	1.98
	14	37.25	1.78	39.56	1.85	41.88	1.91	43.55	1.94	46.51	1.97	48.82	2.01
	20	37.22	1.81	39.53	1.87	41.85	1.94	43.52	1.96	46.47	2.00	48.78	2.04
	25	37.19	1.83	39.50	1.90	41.81	1.97	43.48	1.99	46.43	2.03	48.74	2.07
	30	37.17	1.86	39.47	1.93	41.78	2.00	43.45	2.02	46.40	2.06	48.71	2.10
	35	37.14	1.88	39.44	1.95	41.75	2.02	43.42	2.05	46.36	2.09	48.67	2.13
	40	37.11	1.91	39.41	1.98	41.72	2.05	43.38	2.07	46.33	2.11	48.63	2.16
	45	37.08	1.93	39.38	2.01	41.69	2.08	43.35	2.10	46.29	2.14	48.60	2.19
	50	37.05	1.96	39.35	2.03	41.65	2.11	43.32	2.13	46.26	2.17	48.56	2.21
	55	37.02	1.99	39.32	2.06	41.62	2.13	43.28	2.16	46.22	2.20	48.52	2.24
	60	37.00	2.01	39.29	2.09	41.59	2.16	43.25	2.19	46.19	2.23	48.48	2.27
	65	36.97	2.04	39.26	2.11	41.56	2.19	43.22	2.21	46.15	2.26	48.45	2.30
	70	36.94	2.06	39.23	2.14	41.53	2.22	43.18	2.24	46.12	2.28	48.41	2.33
	75	36.05	2.17	38.34	2.25	40.63	2.34	42.28	2.36	45.20	2.41	47.49	2.46
	80	35.16	2.29	37.44	2.37	39.73	2.46	41.38	2.48	44.29	2.53	46.57	2.58
	85	34.28	2.40	36.56	2.48	38.83	2.57	40.48	2.60	43.39	2.65	45.67	2.71
	90	33.40	2.51	35.67	2.60	37.94	2.69	39.58	2.73	42.48	2.78	44.76	2.83
	95	32.44	2.62	34.70	2.71	36.96	2.81	38.00	2.85	41.48	2.90	43.74	2.96
	100	31.65	2.73	33.91	2.83	36.17	2.93	37.51	2.97	40.69	3.02	42.95	3.08
	105	30.86	2.84	33.12	2.95	35.38	3.05	37.02	3.09	39.90	3.15	42.16	3.21
	110	30.07	2.95	32.33	3.06	34.59	3.17	36.23	3.21	39.11	3.27	41.37	3.34
	115	29.28	3.06	31.54	3.18	33.80	3.29	35.44	3.33	38.32	3.39	40.58	3.46
	118	28.81	3.13	31.07	3.25	33.33	3.36	34.96	3.40	37.85	3.47	40.11	3.54
	122	28.65	3.22	30.91	3.34	33.17	3.46	34.80	3.50	37.69	3.57	39.95	3.64
39	-4	38.34	1.74	40.72	1.80	43.10	1.87	44.82	1.89	47.87	1.92	50.25	1.96
	0	38.32	1.76	40.70	1.82	43.08	1.89	44.80	1.91	47.84	1.95	50.22	1.98
	5	38.29	1.79	40.67	1.85	43.05	1.92	44.76	1.94	47.80	1.98	50.18	2.02
	10	38.26	1.81	40.64	1.88	43.01	1.95	44.73	1.97	47.77	2.01	50.14	2.05
	14	38.23	1.84	40.61	1.91	42.98	1.98	44.70	2.00	47.73	2.04	50.10	2.08
	20	38.20	1.86	40.57	1.93	42.95	2.00	44.66	2.03	47.69	2.06	50.07	2.11
	25	38.17	1.89	40.54	1.96	42.91	2.03	44.63	2.06	47.66	2.09	50.03	2.14
	30	38.14	1.92	40.51	1.99	42.88	2.06	44.59	2.08	47.62	2.12	49.99	2.17
	35	38.11	1.94	40.48	2.02	42.85	2.09	44.56	2.11	47.58	2.15	49.95	2.20
	40	38.09	1.97	40.45	2.04	42.82	2.12	44.52	2.14	47.55	2.18	49.91	2.23
	45	38.06	2.00	40.42	2.07	42.78	2.15	44.49	2.17	47.51	2.21	49.87	2.26
	50	38.03	2.02	40.39	2.10	42.75	2.17	44.46	2.20	47.47	2.24	49.84	2.29
	55	38.00	2.05	40.36	2.12	42.72	2.20	44.42	2.23	47.44	2.27	49.80	2.31
	60	37.97	2.08	40.33	2.15	42.69	2.23	44.39	2.26	47.40	2.30	49.76	2.34
	65	37.94	2.10	40.30	2.18	42.65	2.26	44.35	2.29	47.36	2.33	49.72	2.37
	70	37.91	2.13	40.27	2.21	42.62	2.29	44.32	2.31	47.33	2.36	49.68	2.40
	75	37.00	2.24	39.35	2.33	41.70	2.41	43.39	2.44	46.39	2.48	48.74	2.53
	80	36.09	2.36	38.43	2.44	40.77	2.53	42.46	2.56	45.46	2.61	47.80	2.66
	85	35.18	2.47	37.52	2.56	39.86	2.66	41.54	2.69	44.53	2.74	46.87	2.79
	90	34.28	2.59	36.61	2.68	38.94	2.78	40.62	2.81	43.60	2.87	45.93	2.92
	95	33.30	2.70	35.62	2.80	37.94	2.90	39.00	2.94	42.58	2.99	44.89	3.05
	100	32.49	2.82	34.81	2.92	37.12	3.03	38.49	3.06	41.76	3.12	44.08	3.18
	105	31.67	2.93	33.99	3.04	36.31	3.15	37.99	3.19	40.95	3.25	43.27	3.31
	110	30.86	3.05	33.18	3.16	35.50	3.27	37.18	3.31	40.14	3.37	42.46	3.44
	115	30.05	3.16	32.37	3.28	34.69	3.40	36.37	3.44	39.33	3.50	41.65	3.57
	118	29.57	3.23	31.89	3.35	34.21	3.47	35.88	3.51	38.85	3.58	41.16	3.65
	122	29.40	3.32	31.72	3.44	34.04	3.57	35.72	3.61	38.68	3.68	41.00	3.75

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 144: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	39.33	1.79	41.77	1.86	44.21	1.93	45.97	1.95	49.09	1.98	51.54	2.02
	0	39.30	1.81	41.74	1.88	44.19	1.95	45.95	1.97	49.07	2.01	51.51	2.05
	5	39.27	1.84	41.71	1.91	44.15	1.98	45.91	2.00	49.03	2.04	51.47	2.08
	10	39.24	1.87	41.68	1.94	44.12	2.01	45.88	2.03	48.99	2.07	51.43	2.11
	14	39.21	1.90	41.65	1.97	44.08	2.04	45.84	2.06	48.95	2.10	51.39	2.14
	20	39.18	1.92	41.62	1.99	44.05	2.07	45.81	2.09	48.92	2.13	51.35	2.17
	25	39.15	1.95	41.58	2.02	44.02	2.10	45.77	2.12	48.88	2.16	51.31	2.20
	30	39.12	1.98	41.55	2.05	43.98	2.13	45.74	2.15	48.84	2.19	51.27	2.23
	35	39.09	2.01	41.52	2.08	43.95	2.15	45.70	2.18	48.80	2.22	51.23	2.26
	40	39.06	2.03	41.49	2.11	43.91	2.18	45.67	2.21	48.77	2.25	51.19	2.30
	45	39.03	2.06	41.46	2.14	43.88	2.21	45.63	2.24	48.73	2.28	51.15	2.33
	50	39.00	2.09	41.42	2.16	43.85	2.24	45.60	2.27	48.69	2.31	51.11	2.36
	55	38.97	2.11	41.39	2.19	43.81	2.27	45.56	2.30	48.65	2.34	51.07	2.39
	60	38.94	2.14	41.36	2.22	43.78	2.30	45.53	2.33	48.62	2.37	51.04	2.42
	65	38.91	2.17	41.33	2.25	43.75	2.33	45.49	2.36	48.58	2.40	51.00	2.45
	70	38.88	2.20	41.30	2.28	43.71	2.36	45.46	2.39	48.54	2.43	50.96	2.48
	75	37.95	2.31	40.36	2.40	42.76	2.49	44.50	2.52	47.58	2.56	49.99	2.61
	80	37.01	2.43	39.41	2.52	41.82	2.61	43.55	2.64	46.62	2.69	49.03	2.75
	85	36.08	2.55	38.48	2.64	40.88	2.74	42.61	2.77	45.67	2.82	48.07	2.88
	90	35.16	2.67	37.55	2.77	39.94	2.87	41.67	2.90	44.72	2.96	47.11	3.02
	95	34.15	2.79	36.53	2.89	38.91	3.00	40.00	3.03	43.67	3.09	46.05	3.15
	100	33.32	2.91	35.70	3.01	38.08	3.12	39.48	3.16	42.84	3.22	45.21	3.28
	105	32.49	3.03	34.87	3.14	37.25	3.25	38.96	3.29	42.00	3.35	44.38	3.42
	110	31.66	3.14	34.03	3.26	36.41	3.38	38.13	3.42	41.17	3.48	43.55	3.55
	115	30.82	3.26	33.20	3.38	35.58	3.50	37.30	3.55	40.34	3.61	42.72	3.68
	118	30.32	3.33	32.70	3.46	35.08	3.58	36.80	3.62	39.84	3.69	42.22	3.76
	122	30.16	3.43	32.54	3.55	34.92	3.68	36.64	3.73	39.68	3.80	42.05	3.87
41	-4	40.31	1.85	42.81	1.92	45.32	1.99	47.12	2.01	50.32	2.05	52.83	2.09
	0	40.29	1.87	42.79	1.94	45.29	2.01	47.10	2.03	50.29	2.07	52.80	2.11
	5	40.25	1.90	42.75	1.97	45.25	2.04	47.06	2.06	50.25	2.10	52.75	2.14
	10	40.22	1.93	42.72	2.00	45.22	2.07	47.02	2.09	50.21	2.13	52.71	2.18
	14	40.19	1.95	42.69	2.03	45.18	2.10	46.99	2.12	50.18	2.16	52.67	2.21
	20	40.16	1.98	42.66	2.06	45.15	2.13	46.95	2.15	50.14	2.20	52.63	2.24
	25	40.13	2.01	42.62	2.08	45.12	2.16	46.92	2.19	50.10	2.23	52.59	2.27
	30	40.10	2.04	42.59	2.11	45.08	2.19	46.88	2.22	50.06	2.26	52.55	2.30
	35	40.07	2.07	42.56	2.14	45.05	2.22	46.84	2.25	50.02	2.29	52.51	2.33
	40	40.04	2.10	42.53	2.17	45.01	2.25	46.81	2.28	49.99	2.32	52.47	2.37
	45	40.01	2.12	42.49	2.20	44.98	2.28	46.77	2.31	49.95	2.35	52.43	2.40
	50	39.98	2.15	42.46	2.23	44.94	2.31	46.74	2.34	49.91	2.38	52.39	2.43
	55	39.95	2.18	42.43	2.26	44.91	2.34	46.70	2.37	49.87	2.41	52.35	2.46
	60	39.92	2.21	42.40	2.29	44.87	2.37	46.66	2.40	49.83	2.44	52.31	2.49
	65	39.89	2.24	42.36	2.32	44.84	2.40	46.63	2.43	49.79	2.48	52.27	2.52
	70	39.85	2.26	42.33	2.35	44.81	2.43	46.59	2.46	49.76	2.51	52.23	2.56
	75	38.90	2.39	41.36	2.47	43.83	2.56	45.62	2.59	48.77	2.64	51.24	2.69
	80	37.94	2.51	40.40	2.60	42.86	2.69	44.64	2.73	47.79	2.78	50.25	2.83
	85	36.99	2.63	39.44	2.73	41.90	2.83	43.67	2.86	46.81	2.91	49.27	2.97
	90	36.04	2.75	38.49	2.85	40.94	2.96	42.71	2.99	45.84	3.05	48.29	3.11
	95	35.00	2.87	37.44	2.98	39.88	3.09	41.00	3.12	44.76	3.18	47.20	3.25
	100	34.15	3.00	36.59	3.11	39.03	3.22	40.47	3.26	43.91	3.32	46.34	3.38
	105	33.30	3.12	35.74	3.23	38.18	3.35	39.94	3.39	43.05	3.45	45.49	3.52
	110	32.45	3.24	34.89	3.36	37.32	3.48	39.09	3.52	42.20	3.59	44.64	3.66
	115	31.59	3.36	34.03	3.49	36.47	3.61	38.23	3.65	41.35	3.72	43.79	3.80
	118	31.08	3.44	33.52	3.56	35.96	3.69	37.72	3.73	40.84	3.80	43.28	3.88
	122	30.91	3.53	33.35	3.66	35.79	3.80	37.55	3.84	40.67	3.91	43.11	3.99

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 145: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	41.29	1.90	43.86	1.97	46.42	2.05	48.27	2.07	51.55	2.11	54.11	2.15
	0	41.27	1.92	43.83	2.00	46.40	2.07	48.25	2.09	51.52	2.13	54.08	2.17
	5	41.24	1.96	43.80	2.03	46.36	2.10	48.21	2.13	51.48	2.17	54.04	2.21
	10	41.20	1.99	43.76	2.06	46.32	2.13	48.17	2.16	51.44	2.20	54.00	2.24
	14	41.17	2.01	43.73	2.09	46.29	2.16	48.13	2.19	51.40	2.23	53.96	2.27
	20	41.14	2.04	43.70	2.12	46.25	2.19	48.10	2.22	51.36	2.26	53.92	2.31
	25	41.11	2.07	43.66	2.15	46.22	2.23	48.06	2.25	51.32	2.29	53.88	2.34
	30	41.08	2.10	43.63	2.18	46.18	2.26	48.02	2.28	51.28	2.33	53.83	2.37
	35	41.05	2.13	43.60	2.21	46.15	2.29	47.99	2.31	51.24	2.36	53.79	2.41
	40	41.02	2.16	43.56	2.24	46.11	2.32	47.95	2.35	51.20	2.39	53.75	2.44
	45	40.98	2.19	43.53	2.27	46.07	2.35	47.91	2.38	51.17	2.42	53.71	2.47
	50	40.95	2.22	43.50	2.30	46.04	2.38	47.88	2.41	51.13	2.45	53.67	2.50
	55	40.92	2.25	43.46	2.33	46.00	2.41	47.84	2.44	51.09	2.49	53.63	2.54
	60	40.89	2.27	43.43	2.36	45.97	2.44	47.80	2.47	51.05	2.52	53.59	2.57
	65	40.86	2.30	43.40	2.39	45.93	2.47	47.77	2.50	51.01	2.55	53.55	2.60
	70	40.83	2.33	43.36	2.42	45.90	2.51	47.73	2.53	50.97	2.58	53.50	2.63
	75	39.84	2.46	42.37	2.55	44.90	2.64	46.73	2.67	49.96	2.72	52.49	2.78
	80	38.86	2.58	41.39	2.68	43.91	2.78	45.73	2.81	48.95	2.86	51.48	2.92
	85	37.89	2.71	40.41	2.81	42.92	2.91	44.74	2.94	47.96	3.00	50.47	3.06
	90	36.91	2.84	39.43	2.94	41.94	3.05	43.75	3.08	46.96	3.14	49.47	3.20
	95	35.86	2.96	38.36	3.07	40.85	3.18	42.00	3.22	45.85	3.28	48.35	3.34
	100	34.98	3.09	37.48	3.20	39.98	3.32	41.46	3.36	44.98	3.42	47.47	3.49
	105	34.11	3.21	36.61	3.33	39.11	3.45	40.91	3.49	44.10	3.56	46.60	3.63
	110	33.24	3.34	35.74	3.46	38.23	3.59	40.04	3.63	43.23	3.70	45.73	3.77
	115	32.37	3.46	34.86	3.59	37.36	3.72	39.17	3.77	42.36	3.84	44.86	3.91
	118	31.84	3.54	34.34	3.67	36.84	3.80	38.64	3.85	41.83	3.92	44.33	4.00
	122	31.67	3.64	34.16	3.77	36.66	3.91	38.47	3.96	41.66	4.03	44.16	4.11
43	-4	42.27	1.96	44.90	2.03	47.53	2.11	49.42	2.13	52.78	2.17	55.40	2.21
	0	42.25	1.98	44.88	2.05	47.50	2.13	49.40	2.15	52.75	2.19	55.37	2.24
	5	42.22	2.01	44.84	2.09	47.46	2.16	49.35	2.19	52.70	2.23	55.33	2.27
	10	42.18	2.04	44.80	2.12	47.42	2.20	49.32	2.22	52.66	2.26	55.28	2.31
	14	42.15	2.07	44.77	2.15	47.39	2.23	49.28	2.25	52.62	2.30	55.24	2.34
	20	42.12	2.10	44.74	2.18	47.35	2.26	49.24	2.29	52.58	2.33	55.20	2.38
	25	42.09	2.13	44.70	2.21	47.32	2.29	49.20	2.32	52.54	2.36	55.16	2.41
	30	42.06	2.16	44.67	2.24	47.28	2.32	49.17	2.35	52.50	2.39	55.12	2.44
	35	42.02	2.19	44.63	2.27	47.24	2.36	49.13	2.38	52.46	2.43	55.07	2.48
	40	41.99	2.22	44.60	2.30	47.21	2.39	49.09	2.42	52.42	2.46	55.03	2.51
	45	41.96	2.25	44.57	2.33	47.17	2.42	49.05	2.45	52.38	2.49	54.99	2.54
	50	41.93	2.28	44.53	2.37	47.14	2.45	49.02	2.48	52.34	2.53	54.95	2.58
	55	41.90	2.31	44.50	2.40	47.10	2.48	48.98	2.51	52.30	2.56	54.91	2.61
	60	41.86	2.34	44.46	2.43	47.06	2.52	48.94	2.55	52.26	2.59	54.86	2.65
	65	41.83	2.37	44.43	2.46	47.03	2.55	48.90	2.58	52.22	2.63	54.82	2.68
	70	41.80	2.40	44.40	2.49	46.99	2.58	48.87	2.61	52.18	2.66	54.78	2.71
	75	40.79	2.53	43.38	2.62	45.97	2.72	47.84	2.75	51.15	2.80	53.74	2.86
	80	39.79	2.66	42.37	2.76	44.95	2.86	46.82	2.89	50.12	2.95	52.70	3.01
	85	38.79	2.79	41.37	2.89	43.94	3.00	45.80	3.03	49.10	3.09	51.67	3.15
	90	37.79	2.92	40.36	3.03	42.93	3.14	44.79	3.17	48.07	3.23	50.65	3.30
	95	36.71	3.05	39.27	3.16	41.83	3.28	43.00	3.31	46.94	3.38	49.50	3.44
	100	35.82	3.18	38.38	3.30	40.93	3.42	42.44	3.45	46.05	3.52	48.61	3.59
	105	34.92	3.31	37.48	3.43	40.04	3.55	41.89	3.60	45.15	3.66	47.71	3.74
	110	34.03	3.44	36.59	3.56	39.14	3.69	40.99	3.74	44.26	3.81	46.82	3.88
	115	33.14	3.57	35.69	3.70	38.25	3.83	40.10	3.88	43.37	3.95	45.92	4.03
	118	32.60	3.65	35.16	3.78	37.71	3.92	39.56	3.96	42.83	4.04	45.39	4.12
	122	32.42	3.75	34.98	3.89	37.54	4.03	39.38	4.07	42.65	4.15	45.21	4.23

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 146: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	43.26	2.02	45.94	2.09	48.63	2.17	50.57	2.19	54.00	2.23	56.69	2.28
	0	43.23	2.04	45.92	2.11	48.60	2.19	50.54	2.22	53.97	2.26	56.66	2.30
	5	43.20	2.07	45.88	2.15	48.56	2.23	50.50	2.25	53.93	2.30	56.61	2.34
	10	43.17	2.10	45.85	2.18	48.53	2.26	50.46	2.29	53.89	2.33	56.57	2.38
	14	43.13	2.13	45.81	2.21	48.49	2.29	50.43	2.32	53.85	2.36	56.53	2.41
	20	43.10	2.17	45.78	2.24	48.45	2.33	50.39	2.35	53.81	2.40	56.48	2.45
	25	43.07	2.20	45.74	2.28	48.42	2.36	50.35	2.39	53.77	2.43	56.44	2.48
	30	43.03	2.23	45.71	2.31	48.38	2.39	50.31	2.42	53.72	2.46	56.40	2.51
	35	43.00	2.26	45.67	2.34	48.34	2.43	50.27	2.45	53.68	2.50	56.35	2.55
	40	42.97	2.29	45.64	2.37	48.31	2.46	50.23	2.49	53.64	2.53	56.31	2.58
	45	42.94	2.32	45.60	2.40	48.27	2.49	50.19	2.52	53.60	2.57	56.27	2.62
	50	42.90	2.35	45.57	2.43	48.23	2.52	50.16	2.55	53.56	2.60	56.23	2.65
	55	42.87	2.38	45.53	2.47	48.19	2.56	50.12	2.59	53.52	2.63	56.18	2.69
	60	42.84	2.41	45.50	2.50	48.16	2.59	50.08	2.62	53.48	2.67	56.14	2.72
	65	42.80	2.44	45.46	2.53	48.12	2.62	50.04	2.65	53.44	2.70	56.10	2.76
	70	42.77	2.47	45.43	2.56	48.08	2.66	50.00	2.69	53.40	2.74	56.05	2.79
	75	41.74	2.61	44.39	2.70	47.04	2.80	48.96	2.83	52.34	2.88	54.99	2.94
	80	40.71	2.74	43.36	2.84	46.00	2.94	47.91	2.98	51.29	3.03	53.93	3.09
	85	39.69	2.87	42.33	2.98	44.97	3.09	46.87	3.12	50.24	3.18	52.88	3.24
	90	38.67	3.01	41.30	3.12	43.93	3.23	45.83	3.27	49.19	3.33	51.82	3.39
	95	37.57	3.14	40.18	3.25	42.80	3.37	44.00	3.41	48.03	3.47	50.65	3.54
	100	36.65	3.27	39.27	3.39	41.88	3.52	43.43	3.56	47.12	3.62	49.74	3.70
	105	35.74	3.41	38.35	3.53	40.97	3.66	42.86	3.70	46.20	3.77	48.82	3.85
	110	34.82	3.54	37.44	3.67	40.06	3.80	41.95	3.85	45.29	3.92	47.91	4.00
	115	33.91	3.67	36.52	3.81	39.14	3.95	41.03	3.99	44.37	4.07	46.99	4.15
	118	33.36	3.75	35.97	3.89	38.59	4.03	40.48	4.08	43.83	4.15	46.44	4.24
	122	33.17	3.86	35.79	4.00	38.41	4.15	40.30	4.19	43.64	4.27	46.26	4.36
45	-4	44.24	2.08	46.99	2.15	49.74	2.23	51.72	2.26	55.23	2.30	57.98	2.34
	0	44.22	2.10	46.96	2.18	49.71	2.25	51.69	2.28	55.20	2.32	57.95	2.37
	5	44.18	2.13	46.92	2.21	49.67	2.29	51.65	2.32	55.16	2.36	57.90	2.41
	10	44.15	2.16	46.89	2.24	49.63	2.33	51.61	2.35	55.11	2.40	57.86	2.44
	14	44.11	2.20	46.85	2.28	49.59	2.36	51.57	2.39	55.07	2.43	57.81	2.48
	20	44.08	2.23	46.82	2.31	49.55	2.39	51.53	2.42	55.03	2.47	57.77	2.52
	25	44.05	2.26	46.78	2.34	49.52	2.43	51.49	2.45	54.99	2.50	57.72	2.55
	30	44.01	2.29	46.75	2.37	49.48	2.46	51.45	2.49	54.95	2.54	57.68	2.59
	35	43.98	2.32	46.71	2.41	49.44	2.49	51.41	2.52	54.90	2.57	57.64	2.62
	40	43.95	2.35	46.67	2.44	49.40	2.53	51.37	2.56	54.86	2.61	57.59	2.66
	45	43.91	2.39	46.64	2.47	49.37	2.56	51.34	2.59	54.82	2.64	57.55	2.69
	50	43.88	2.42	46.60	2.50	49.33	2.60	51.30	2.63	54.78	2.68	57.50	2.73
	55	43.84	2.45	46.57	2.54	49.29	2.63	51.26	2.66	54.74	2.71	57.46	2.76
	60	43.81	2.48	46.53	2.57	49.25	2.66	51.22	2.69	54.69	2.75	57.41	2.80
	65	43.78	2.51	46.50	2.60	49.21	2.70	51.18	2.73	54.65	2.78	57.37	2.84
	70	43.74	2.54	46.46	2.64	49.18	2.73	51.14	2.76	54.61	2.82	57.33	2.87
	75	42.69	2.68	45.40	2.78	48.11	2.88	50.07	2.91	53.53	2.97	56.24	3.03
	80	41.64	2.82	44.34	2.92	47.04	3.03	49.00	3.06	52.45	3.12	55.15	3.18
	85	40.59	2.95	43.29	3.06	45.99	3.17	47.94	3.21	51.38	3.27	54.08	3.34
	90	39.55	3.09	42.24	3.20	44.93	3.32	46.87	3.36	50.31	3.42	53.00	3.49
	95	38.42	3.23	41.10	3.35	43.77	3.47	45.00	3.51	49.13	3.57	51.80	3.65
	100	37.48	3.37	40.16	3.49	42.84	3.62	44.42	3.66	48.19	3.73	50.87	3.80
	105	36.55	3.50	39.22	3.63	41.90	3.76	43.83	3.81	47.25	3.88	49.93	3.96
	110	35.61	3.64	38.29	3.77	40.97	3.91	42.90	3.96	46.32	4.03	48.99	4.11
	115	34.68	3.78	37.35	3.92	40.03	4.06	41.96	4.11	45.38	4.18	48.06	4.27
	118	34.12	3.86	36.79	4.00	39.47	4.15	41.40	4.19	44.82	4.27	47.50	4.36
	122	33.93	3.97	36.60	4.11	39.28	4.26	41.21	4.31	44.63	4.39	47.31	4.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 147: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	45.22	2.13	48.03	2.21	50.84	2.29	52.87	2.32	56.46	2.36	59.27	2.41
	0	45.20	2.16	48.01	2.24	50.81	2.32	52.84	2.35	56.43	2.39	59.24	2.44
	5	45.16	2.19	47.97	2.27	50.77	2.36	52.80	2.38	56.38	2.43	59.19	2.48
	10	45.13	2.23	47.93	2.31	50.73	2.39	52.76	2.42	56.34	2.46	59.14	2.51
	14	45.09	2.26	47.89	2.34	50.69	2.43	52.72	2.45	56.30	2.50	59.10	2.55
	20	45.06	2.29	47.86	2.37	50.66	2.46	52.68	2.49	56.25	2.54	59.05	2.59
	25	45.02	2.32	47.82	2.41	50.62	2.50	52.64	2.52	56.21	2.57	59.01	2.62
	30	44.99	2.36	47.78	2.44	50.58	2.53	52.60	2.56	56.17	2.61	58.96	2.66
	35	44.96	2.39	47.75	2.47	50.54	2.57	52.56	2.59	56.12	2.64	58.92	2.70
	40	44.92	2.42	47.71	2.51	50.50	2.60	52.52	2.63	56.08	2.68	58.87	2.73
	45	44.89	2.45	47.68	2.54	50.46	2.63	52.48	2.67	56.04	2.72	58.83	2.77
	50	44.85	2.48	47.64	2.58	50.42	2.67	52.44	2.70	56.00	2.75	58.78	2.81
	55	44.82	2.52	47.60	2.61	50.39	2.70	52.40	2.74	55.95	2.79	58.74	2.84
	60	44.78	2.55	47.57	2.64	50.35	2.74	52.36	2.77	55.91	2.82	58.69	2.88
	65	44.75	2.58	47.53	2.68	50.31	2.77	52.32	2.81	55.87	2.86	58.65	2.92
	70	44.72	2.61	47.49	2.71	50.27	2.81	52.28	2.84	55.82	2.89	58.60	2.95
	75	43.64	2.76	46.41	2.86	49.18	2.96	51.18	2.99	54.72	3.05	57.49	3.11
	80	42.56	2.90	45.33	3.00	48.09	3.11	50.09	3.15	53.62	3.21	56.38	3.27
	85	41.50	3.04	44.25	3.15	47.01	3.26	49.00	3.30	52.52	3.36	55.28	3.43
	90	40.43	3.18	43.18	3.29	45.93	3.42	47.92	3.45	51.43	3.52	54.18	3.59
	95	39.27	3.32	42.01	3.44	44.74	3.57	46.00	3.61	50.22	3.68	52.95	3.75
	100	38.32	3.46	41.05	3.59	43.79	3.72	45.40	3.76	49.26	3.83	52.00	3.91
	105	37.36	3.60	40.10	3.73	42.83	3.87	44.81	3.91	48.30	3.99	51.04	4.07
	110	36.40	3.74	39.14	3.88	41.88	4.02	43.85	4.07	47.35	4.14	50.08	4.23
	115	35.45	3.88	38.18	4.03	40.92	4.17	42.90	4.22	46.39	4.30	49.13	4.39
	118	34.87	3.97	37.61	4.11	40.35	4.26	42.32	4.31	45.82	4.39	48.55	4.48
	122	34.68	4.08	37.42	4.23	40.15	4.39	42.13	4.44	45.63	4.52	48.36	4.61
47	-4	46.21	2.19	49.08	2.27	51.95	2.36	54.02	2.38	57.69	2.43	60.56	2.48
	0	46.18	2.22	49.05	2.30	51.92	2.38	53.99	2.41	57.65	2.46	60.52	2.50
	5	46.14	2.25	49.01	2.34	51.88	2.42	53.95	2.45	57.61	2.50	60.47	2.55
	10	46.11	2.29	48.97	2.37	51.84	2.46	53.90	2.49	57.56	2.53	60.43	2.58
	14	46.07	2.32	48.94	2.41	51.80	2.49	53.86	2.52	57.52	2.57	60.38	2.62
	20	46.04	2.35	48.90	2.44	51.76	2.53	53.82	2.56	57.48	2.61	60.33	2.66
	25	46.00	2.39	48.86	2.47	51.72	2.56	53.78	2.59	57.43	2.64	60.29	2.70
	30	45.97	2.42	48.82	2.51	51.68	2.60	53.74	2.63	57.39	2.68	60.24	2.73
	35	45.93	2.45	48.79	2.54	51.64	2.64	53.70	2.67	57.34	2.72	60.20	2.77
	40	45.90	2.49	48.75	2.58	51.60	2.67	53.66	2.70	57.30	2.75	60.15	2.81
	45	45.86	2.52	48.71	2.61	51.56	2.71	53.62	2.74	57.26	2.79	60.10	2.85
	50	45.83	2.55	48.67	2.65	51.52	2.74	53.58	2.78	57.21	2.83	60.06	2.88
	55	45.79	2.59	48.64	2.68	51.48	2.78	53.53	2.81	57.17	2.86	60.01	2.92
	60	45.76	2.62	48.60	2.72	51.44	2.82	53.49	2.85	57.12	2.90	59.97	2.96
	65	45.72	2.65	48.56	2.75	51.40	2.85	53.45	2.88	57.08	2.94	59.92	3.00
	70	45.69	2.69	48.52	2.79	51.36	2.89	53.41	2.92	57.04	2.98	59.87	3.03
	75	44.59	2.83	47.42	2.94	50.25	3.04	52.29	3.08	55.91	3.14	58.74	3.20
	80	43.49	2.98	46.31	3.09	49.14	3.20	51.17	3.24	54.78	3.30	57.61	3.36
	85	42.40	3.12	45.22	3.24	48.03	3.35	50.07	3.39	53.66	3.46	56.48	3.53
	90	41.31	3.27	44.12	3.39	46.93	3.51	48.96	3.55	52.55	3.62	55.36	3.69
	95	40.13	3.41	42.92	3.54	45.72	3.67	47.00	3.71	51.31	3.78	54.10	3.85
	100	39.15	3.56	41.94	3.69	44.74	3.82	46.39	3.87	50.33	3.94	53.13	4.02
	105	38.17	3.70	40.97	3.84	43.76	3.98	45.78	4.02	49.35	4.10	52.15	4.18
	110	37.20	3.85	39.99	3.99	42.79	4.13	44.80	4.18	48.38	4.26	51.17	4.34
	115	36.22	3.99	39.01	4.14	41.81	4.29	43.83	4.34	47.40	4.42	50.20	4.51
	118	35.63	4.08	38.43	4.23	41.22	4.38	43.24	4.43	46.81	4.52	49.61	4.61
	122	35.44	4.20	38.23	4.35	41.03	4.51	43.05	4.56	46.62	4.64	49.41	4.74

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 148: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87
49	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 149: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87
51	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 150: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
52	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	46.62	2.79	49.52	2.89	52.42	3.00	54.51	3.03	58.21	3.09	61.11	3.15
	80	46.58	2.82	49.48	2.92	52.38	3.03	54.47	3.06	58.17	3.12	61.07	3.18
	85	46.54	2.85	49.44	2.95	52.34	3.06	54.43	3.09	58.13	3.15	61.03	3.21
	90	46.50	2.88	49.40	2.98	52.30	3.09	54.39	3.12	58.09	3.18	60.99	3.24
	95	46.46	2.91	49.36	3.01	52.26	3.12	54.35	3.15	58.05	3.21	60.95	3.27
	100	46.42	2.94	49.32	3.04	52.22	3.15	54.31	3.18	58.01	3.24	60.91	3.30
53	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	46.62	2.79	49.52	2.89	52.42	3.00	54.51	3.03	58.21	3.09	61.11	3.15
	80	46.58	2.82	49.48	2.92	52.38	3.03	54.47	3.06	58.17	3.12	61.07	3.18
	85	46.54	2.85	49.44	2.95	52.34	3.06	54.43	3.09	58.13	3.15	61.03	3.21
	90	46.50	2.88	49.40	2.98	52.30	3.09	54.39	3.12	58.09	3.18	60.99	3.24
	95	46.46	2.91	49.36	3.01	52.26	3.12	54.35	3.15	58.05	3.21	60.95	3.27
	100	46.42	2.94	49.32	3.04	52.22	3.15	54.31	3.18	58.01	3.24	60.91	3.30
	105	46.38	2.97	49.28	3.07	52.18	3.18	54.27	3.21	57.97	3.27	60.87	3.33
	110	46.34	2.99	49.24	3.09	52.14	3.20	54.23	3.23	57.93	3.29	60.83	3.35
	115	46.30	3.02	49.20	3.12	52.10	3.23	54.19	3.26	57.89	3.32	60.79	3.38
	122	46.26	3.05	49.16	3.15	52.06	3.26	54.15	3.28	57.85	3.34	60.75	3.40

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 151: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87
55	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 152: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
56	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	46.62	2.79	49.52	2.89	52.42	3.00	54.51	3.03	58.21	3.09	61.11	3.16
	80	46.58	2.82	49.48	2.92	52.38	3.03	54.47	3.06	58.17	3.12	61.07	3.20
	85	46.54	2.85	49.44	2.95	52.34	3.06	54.43	3.09	58.13	3.15	61.03	3.24
	90	46.50	2.88	49.40	2.98	52.30	3.09	54.39	3.12	58.09	3.18	60.99	3.28
	95	46.46	2.91	49.36	3.01	52.26	3.12	54.35	3.15	58.05	3.21	60.95	3.32
	100	46.42	2.94	49.32	3.04	52.22	3.15	54.31	3.18	58.01	3.24	60.91	3.36
	105	46.38	2.97	49.28	3.07	52.18	3.18	54.27	3.21	57.97	3.27	60.87	3.40
	110	46.34	3.00	49.24	3.10	52.14	3.21	54.23	3.24	57.93	3.30	60.83	3.44
	115	46.30	3.03	49.20	3.13	52.10	3.24	54.19	3.27	57.89	3.33	60.79	3.48
	118	46.26	3.06	49.16	3.16	52.06	3.27	54.15	3.30	57.85	3.36	60.75	3.52
	122	46.22	3.09	49.12	3.19	52.02	3.30	54.11	3.33	57.81	3.39	60.71	3.56
57	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	46.62	2.79	49.52	2.89	52.42	3.00	54.51	3.03	58.21	3.09	61.11	3.16
	80	46.58	2.82	49.48	2.92	52.38	3.03	54.47	3.06	58.17	3.12	61.07	3.20
	85	46.54	2.85	49.44	2.95	52.34	3.06	54.43	3.09	58.13	3.15	61.03	3.24
	90	46.50	2.88	49.40	2.98	52.30	3.09	54.39	3.12	58.09	3.18	60.99	3.28
	95	46.46	2.91	49.36	3.01	52.26	3.12	54.35	3.15	58.05	3.21	60.95	3.32
	100	46.42	2.94	49.32	3.04	52.22	3.15	54.31	3.18	58.01	3.24	60.91	3.36
	105	46.38	2.97	49.28	3.07	52.18	3.18	54.27	3.21	57.97	3.27	60.87	3.40
	110	46.34	3.00	49.24	3.10	52.14	3.21	54.23	3.24	57.93	3.30	60.83	3.44
	115	46.30	3.03	49.20	3.13	52.10	3.24	54.19	3.27	57.89	3.33	60.79	3.48
	118	46.26	3.06	49.16	3.16	52.06	3.27	54.15	3.30	57.85	3.36	60.75	3.52
	122	46.22	3.09	49.12	3.19	52.02	3.30	54.11	3.33	57.81	3.39	60.71	3.56

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 153: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
58	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87
59	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

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KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 154: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87
61	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 155: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
62	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87
63	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 156: KUMXA481A Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
64	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
65	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87
	-4	47.19	2.25	50.12	2.34	53.05	2.42	55.17	2.45	58.91	2.50	61.84	2.55
	0	47.16	2.28	50.09	2.36	53.02	2.45	55.14	2.48	58.88	2.52	61.81	2.57
	5	47.13	2.32	50.05	2.40	52.98	2.49	55.09	2.52	58.83	2.56	61.76	2.62
	10	47.09	2.35	50.01	2.44	52.94	2.52	55.05	2.55	58.79	2.60	61.71	2.65
	14	47.05	2.38	49.98	2.47	52.90	2.56	55.01	2.59	58.74	2.64	61.67	2.69
	20	47.02	2.42	49.94	2.51	52.86	2.60	54.97	2.63	58.70	2.68	61.62	2.73
	25	46.98	2.45	49.90	2.54	52.82	2.63	54.93	2.67	58.65	2.72	61.57	2.77
	30	46.95	2.49	49.86	2.58	52.78	2.67	54.88	2.70	58.61	2.75	61.52	2.81
	35	46.91	2.52	49.82	2.61	52.74	2.71	54.84	2.74	58.56	2.79	61.48	2.85
	40	46.87	2.56	49.79	2.65	52.70	2.75	54.80	2.78	58.52	2.83	61.43	2.89
	45	46.84	2.59	49.75	2.68	52.66	2.78	54.76	2.81	58.47	2.87	61.38	2.92
	50	46.80	2.62	49.71	2.72	52.62	2.82	54.72	2.85	58.43	2.90	61.34	2.96
	55	46.77	2.66	49.67	2.76	52.58	2.86	54.67	2.89	58.38	2.94	61.29	3.00
	60	46.73	2.69	49.63	2.79	52.54	2.89	54.63	2.93	58.34	2.98	61.24	3.04
	65	46.70	2.73	49.60	2.83	52.50	2.93	54.59	2.96	58.30	3.02	61.20	3.08
	70	46.66	2.76	49.56	2.86	52.46	2.97	54.55	3.00	58.25	3.06	61.15	3.12
	75	45.54	2.91	48.43	3.02	51.32	3.13	53.41	3.16	57.10	3.22	59.99	3.29
	80	44.41	3.06	47.30	3.17	50.18	3.29	52.26	3.32	55.95	3.39	58.83	3.45
	85	43.30	3.21	46.18	3.32	49.05	3.45	51.13	3.49	54.81	3.55	57.68	3.62
	90	42.19	3.36	45.06	3.48	47.93	3.61	50.00	3.65	53.66	3.72	56.53	3.79
	95	40.98	3.51	43.84	3.63	46.69	3.77	48.00	3.81	52.40	3.88	55.25	3.96
	100	39.98	3.65	42.84	3.79	45.69	3.93	47.38	3.97	51.40	4.05	54.26	4.13
	105	38.98	3.80	41.84	3.94	44.69	4.09	46.76	4.13	50.40	4.21	53.26	4.30
	110	37.99	3.95	40.84	4.10	43.70	4.25	45.76	4.30	49.41	4.38	52.26	4.46
	115	36.99	4.10	39.84	4.25	42.70	4.41	44.76	4.46	48.41	4.54	51.26	4.63
	118	36.39	4.19	39.24	4.34	42.10	4.50	44.16	4.55	47.81	4.64	50.66	4.73
	122	36.19	4.31	39.05	4.47	41.90	4.63	43.96	4.68	47.61	4.77	50.46	4.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 157: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	17.70	0.70	18.80	0.72	19.89	0.75	20.69	0.75	22.09	0.77	23.19	0.78
	0	17.69	0.70	18.79	0.73	19.88	0.75	20.68	0.76	22.08	0.78	23.18	0.79
	5	17.67	0.71	18.77	0.74	19.87	0.76	20.66	0.77	22.06	0.79	23.16	0.80
	10	17.66	0.72	18.76	0.75	19.85	0.78	20.64	0.79	22.05	0.80	23.14	0.82
	14	17.65	0.73	18.74	0.76	19.84	0.79	20.63	0.80	22.03	0.81	23.12	0.83
	20	17.63	0.74	18.73	0.77	19.82	0.80	20.61	0.81	22.01	0.82	23.11	0.84
	25	17.62	0.75	18.71	0.78	19.81	0.81	20.60	0.82	22.00	0.84	23.09	0.85
	30	17.60	0.76	18.70	0.79	19.79	0.82	20.58	0.83	21.98	0.85	23.07	0.87
	35	17.59	0.77	18.68	0.80	19.78	0.83	20.57	0.84	21.96	0.86	23.05	0.88
	40	17.58	0.79	18.67	0.82	19.76	0.85	20.55	0.86	21.94	0.87	23.04	0.89
	45	17.56	0.80	18.66	0.83	19.75	0.86	20.53	0.87	21.93	0.89	23.02	0.90
	50	17.55	0.81	18.64	0.84	19.73	0.87	20.52	0.88	21.91	0.90	23.00	0.92
	55	17.54	0.82	18.63	0.85	19.72	0.88	20.50	0.89	21.89	0.91	22.98	0.93
	60	17.52	0.83	18.61	0.86	19.70	0.89	20.49	0.90	21.88	0.92	22.97	0.94
	65	17.51	0.84	18.60	0.87	19.69	0.91	20.47	0.92	21.86	0.93	22.95	0.95
	70	17.50	0.85	18.58	0.88	19.67	0.92	20.46	0.93	21.84	0.94	22.93	0.96
	75	17.08	0.90	18.16	0.93	19.24	0.96	20.03	0.97	21.41	0.99	22.50	1.01
	80	16.66	0.94	17.74	0.98	18.82	1.01	19.60	1.02	20.98	1.04	22.06	1.06
	85	16.24	0.99	17.32	1.02	18.40	1.06	19.17	1.07	20.55	1.09	21.63	1.12
	90	15.82	1.03	16.90	1.07	17.97	1.11	18.75	1.12	20.12	1.15	21.20	1.17
	95	15.37	1.08	16.44	1.12	17.51	1.16	18.00	1.18	19.65	1.20	20.72	1.22
	100	14.99	1.13	16.06	1.17	17.13	1.21	17.77	1.22	19.28	1.24	20.35	1.27
	105	14.62	1.17	15.69	1.21	16.76	1.26	17.53	1.27	18.90	1.29	19.97	1.32
	110	14.24	1.22	15.32	1.26	16.39	1.31	17.16	1.32	18.53	1.35	19.60	1.38
	115	13.87	1.26	14.94	1.31	16.01	1.36	16.79	1.37	18.15	1.40	19.22	1.43
	118	13.65	1.29	14.72	1.34	15.79	1.39	16.56	1.40	17.93	1.43	19.00	1.46
	122	13.57	1.33	14.64	1.38	15.71	1.43	16.49	1.44	17.85	1.47	18.92	1.50
19	-4	18.68	0.74	19.84	0.76	21.00	0.79	21.84	0.80	23.32	0.81	24.48	0.83
	0	18.67	0.74	19.83	0.77	20.99	0.80	21.83	0.81	23.31	0.82	24.47	0.84
	5	18.65	0.76	19.81	0.78	20.97	0.81	21.81	0.82	23.29	0.84	24.45	0.86
	10	18.64	0.77	19.80	0.79	20.96	0.82	21.79	0.83	23.27	0.85	24.43	0.87
	14	18.63	0.78	19.78	0.81	20.94	0.84	21.77	0.85	23.25	0.86	24.41	0.88
	20	18.61	0.79	19.77	0.82	20.92	0.85	21.76	0.86	23.23	0.88	24.39	0.89
	25	18.60	0.80	19.75	0.83	20.91	0.86	21.74	0.87	23.22	0.89	24.37	0.91
	30	18.58	0.81	19.74	0.84	20.89	0.87	21.72	0.89	23.20	0.90	24.35	0.92
	35	18.57	0.82	19.72	0.85	20.88	0.89	21.71	0.90	23.18	0.91	24.33	0.93
	40	18.55	0.84	19.71	0.87	20.86	0.90	21.69	0.91	23.16	0.93	24.32	0.94
	45	18.54	0.85	19.69	0.88	20.84	0.91	21.67	0.92	23.15	0.94	24.30	0.96
	50	18.53	0.86	19.68	0.89	20.83	0.92	21.66	0.93	23.13	0.95	24.28	0.97
	55	18.51	0.87	19.66	0.90	20.81	0.93	21.64	0.95	23.11	0.96	24.26	0.98
	60	18.50	0.88	19.65	0.91	20.80	0.95	21.63	0.96	23.09	0.97	24.24	0.99
	65	18.48	0.89	19.63	0.93	20.78	0.96	21.61	0.97	23.08	0.99	24.22	1.00
	70	18.47	0.90	19.62	0.94	20.76	0.97	21.59	0.98	23.06	1.00	24.20	1.02
	75	18.02	0.95	19.17	0.99	20.31	1.02	21.14	1.03	22.60	1.05	23.75	1.07
	80	17.58	1.00	18.72	1.03	19.86	1.07	20.69	1.09	22.15	1.11	23.29	1.13
	85	17.14	1.05	18.28	1.09	19.42	1.13	20.24	1.14	21.69	1.16	22.83	1.19
	90	16.70	1.10	17.84	1.14	18.97	1.18	19.79	1.19	21.24	1.21	22.38	1.24
	95	16.22	1.15	17.35	1.19	18.48	1.23	19.00	1.24	20.74	1.27	21.87	1.29
	100	15.83	1.20	16.96	1.24	18.09	1.28	18.75	1.29	20.35	1.32	21.48	1.35
	105	15.43	1.24	16.56	1.29	17.69	1.33	18.51	1.35	19.95	1.38	21.08	1.40
	110	15.04	1.29	16.17	1.34	17.30	1.39	18.11	1.40	19.56	1.43	20.69	1.46
	115	14.64	1.34	15.77	1.39	16.90	1.44	17.72	1.46	19.16	1.48	20.29	1.51
	118	14.40	1.37	15.53	1.42	16.66	1.47	17.48	1.49	18.92	1.51	20.05	1.54
	122	14.33	1.41	15.46	1.46	16.59	1.51	17.40	1.53	18.85	1.56	19.98	1.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 158: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	19.66	0.78	20.88	0.81	22.11	0.84	22.99	0.85	24.55	0.86	25.77	0.88
	0	19.65	0.79	20.87	0.82	22.09	0.85	22.97	0.86	24.53	0.87	25.75	0.89
	5	19.64	0.80	20.86	0.83	22.07	0.86	22.96	0.87	24.51	0.89	25.73	0.91
	10	19.62	0.81	20.84	0.84	22.06	0.87	22.94	0.88	24.50	0.90	25.71	0.92
	14	19.61	0.82	20.82	0.86	22.04	0.89	22.92	0.90	24.48	0.92	25.69	0.93
	20	19.59	0.84	20.81	0.87	22.02	0.90	22.90	0.91	24.46	0.93	25.67	0.95
	25	19.58	0.85	20.79	0.88	22.01	0.91	22.89	0.92	24.44	0.94	25.65	0.96
	30	19.56	0.86	20.78	0.89	21.99	0.93	22.87	0.94	24.42	0.95	25.64	0.97
	35	19.55	0.87	20.76	0.91	21.97	0.94	22.85	0.95	24.40	0.97	25.62	0.98
	40	19.53	0.89	20.74	0.92	21.96	0.95	22.83	0.96	24.38	0.98	25.60	1.00
	45	19.52	0.90	20.73	0.93	21.94	0.96	22.82	0.97	24.36	0.99	25.58	1.01
	50	19.50	0.91	20.71	0.94	21.92	0.97	22.80	0.99	24.35	1.00	25.56	1.02
	55	19.49	0.92	20.70	0.95	21.91	0.99	22.78	1.00	24.33	1.02	25.54	1.04
	60	19.47	0.93	20.68	0.97	21.89	1.00	22.76	1.01	24.31	1.03	25.52	1.05
	65	19.46	0.94	20.66	0.98	21.87	1.01	22.75	1.02	24.29	1.04	25.50	1.06
	70	19.44	0.96	20.65	0.99	21.86	1.02	22.73	1.03	24.27	1.05	25.48	1.08
	75	18.97	1.00	20.18	1.04	21.38	1.08	22.25	1.09	23.79	1.11	25.00	1.14
	80	18.51	1.06	19.71	1.10	20.91	1.14	21.78	1.15	23.31	1.17	24.51	1.20
	85	18.04	1.11	19.24	1.15	20.44	1.19	21.30	1.21	22.84	1.23	24.03	1.25
	90	17.58	1.16	18.77	1.20	19.97	1.25	20.83	1.26	22.36	1.28	23.56	1.31
	95	17.08	1.21	18.26	1.25	19.45	1.30	20.00	1.31	21.83	1.34	23.02	1.37
	100	16.66	1.26	17.85	1.31	19.04	1.36	19.74	1.37	21.42	1.40	22.61	1.43
	105	16.24	1.31	17.43	1.36	18.62	1.41	19.48	1.43	21.00	1.46	22.19	1.48
	110	15.83	1.37	17.02	1.42	18.21	1.47	19.07	1.48	20.59	1.51	21.78	1.54
	115	15.41	1.42	16.60	1.47	17.79	1.52	18.65	1.54	20.17	1.57	21.36	1.60
	118	15.16	1.45	16.35	1.50	17.54	1.55	18.40	1.57	19.92	1.60	21.11	1.64
	122	15.08	1.49	16.27	1.54	17.46	1.60	18.32	1.62	19.84	1.65	21.03	1.68
21	-4	20.65	0.82	21.93	0.85	23.21	0.89	24.14	0.90	25.77	0.91	27.06	0.93
	0	20.63	0.83	21.92	0.86	23.20	0.90	24.12	0.91	25.76	0.92	27.04	0.94
	5	20.62	0.85	21.90	0.88	23.18	0.91	24.10	0.92	25.74	0.94	27.02	0.96
	10	20.60	0.86	21.88	0.89	23.16	0.92	24.08	0.93	25.72	0.95	27.00	0.97
	14	20.59	0.87	21.86	0.90	23.14	0.94	24.07	0.95	25.70	0.96	26.98	0.98
	20	20.57	0.88	21.85	0.92	23.13	0.95	24.05	0.96	25.68	0.98	26.96	1.00
	25	20.55	0.90	21.83	0.93	23.11	0.96	24.03	0.97	25.66	0.99	26.94	1.01
	30	20.54	0.91	21.81	0.94	23.09	0.98	24.01	0.99	25.64	1.00	26.92	1.02
	35	20.52	0.92	21.80	0.95	23.07	0.99	23.99	1.00	25.62	1.02	26.90	1.04
	40	20.51	0.93	21.78	0.97	23.05	1.00	23.97	1.01	25.60	1.03	26.88	1.05
	45	20.49	0.95	21.76	0.98	23.04	1.01	23.96	1.02	25.58	1.04	26.86	1.07
	50	20.48	0.96	21.75	0.99	23.02	1.03	23.94	1.04	25.56	1.06	26.83	1.08
	55	20.46	0.97	21.73	1.00	23.00	1.04	23.92	1.05	25.54	1.07	26.81	1.09
	60	20.44	0.98	21.71	1.02	22.98	1.05	23.90	1.07	25.52	1.09	26.79	1.11
	65	20.43	0.99	21.70	1.03	22.97	1.07	23.88	1.08	25.50	1.10	26.77	1.12
	70	20.41	1.01	21.68	1.04	22.95	1.08	23.86	1.09	25.48	1.12	26.75	1.14
	75	19.92	1.06	21.19	1.10	22.45	1.14	23.36	1.16	24.98	1.18	26.25	1.20
	80	19.43	1.12	20.69	1.16	21.95	1.20	22.87	1.21	24.48	1.24	25.74	1.26
	85	18.94	1.17	20.20	1.21	21.46	1.26	22.37	1.27	23.98	1.29	25.24	1.32
	90	18.46	1.22	19.71	1.27	20.97	1.31	21.87	1.33	23.48	1.35	24.73	1.38
	95	17.93	1.28	19.18	1.32	20.43	1.37	21.00	1.39	22.93	1.42	24.17	1.45
	100	17.49	1.33	18.74	1.38	19.99	1.43	20.73	1.45	22.49	1.48	23.74	1.50
	105	17.06	1.39	18.30	1.44	19.55	1.49	20.46	1.51	22.05	1.53	23.30	1.56
	110	16.62	1.44	17.87	1.49	19.12	1.55	20.02	1.56	21.62	1.59	22.86	1.63
	115	16.18	1.50	17.43	1.55	18.68	1.61	19.58	1.62	21.18	1.66	22.43	1.69
	118	15.92	1.53	17.17	1.58	18.42	1.64	19.32	1.66	20.92	1.69	22.17	1.73
	122	15.83	1.57	17.08	1.63	18.33	1.69	19.23	1.71	20.83	1.74	22.08	1.77

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 159: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	21.63	0.87	22.97	0.90	24.32	0.93	25.29	0.94	27.00	0.96	28.35	0.98
	0	21.62	0.88	22.96	0.91	24.30	0.94	25.27	0.95	26.99	0.97	28.33	0.99
	5	21.60	0.89	22.94	0.92	24.28	0.96	25.25	0.97	26.97	0.98	28.31	1.00
	10	21.58	0.91	22.92	0.94	24.26	0.97	25.23	0.98	26.94	1.00	28.29	1.02
	14	21.57	0.92	22.91	0.95	24.25	0.98	25.21	0.99	26.92	1.01	28.26	1.03
	20	21.55	0.93	22.89	0.96	24.23	1.00	25.19	1.01	26.90	1.03	28.24	1.05
	25	21.53	0.94	22.87	0.98	24.21	1.01	25.17	1.02	26.88	1.04	28.22	1.06
	30	21.52	0.96	22.85	0.99	24.19	1.02	25.15	1.04	26.86	1.06	28.20	1.08
	35	21.50	0.97	22.84	1.00	24.17	1.04	25.14	1.05	26.84	1.07	28.18	1.09
	40	21.48	0.98	22.82	1.02	24.15	1.05	25.12	1.07	26.82	1.09	28.16	1.11
	45	21.47	0.99	22.80	1.03	24.13	1.07	25.10	1.08	26.80	1.10	28.13	1.12
	50	21.45	1.01	22.78	1.04	24.12	1.08	25.08	1.09	26.78	1.12	28.11	1.14
	55	21.43	1.02	22.77	1.06	24.10	1.10	25.06	1.11	26.76	1.13	28.09	1.15
	60	21.42	1.03	22.75	1.07	24.08	1.11	25.04	1.12	26.74	1.15	28.07	1.17
	65	21.40	1.05	22.73	1.08	24.06	1.13	25.02	1.14	26.72	1.16	28.05	1.19
	70	21.39	1.06	22.71	1.10	24.04	1.14	25.00	1.15	26.70	1.18	28.03	1.20
	75	20.87	1.12	22.20	1.16	23.52	1.20	24.48	1.22	26.17	1.24	27.50	1.26
	80	20.36	1.18	21.68	1.22	23.00	1.26	23.95	1.28	25.64	1.30	26.96	1.32
	85	19.85	1.23	21.16	1.28	22.48	1.32	23.44	1.34	25.12	1.36	26.44	1.39
	90	19.34	1.29	20.65	1.33	21.97	1.39	22.92	1.40	24.60	1.43	25.91	1.46
	95	18.78	1.35	20.09	1.40	21.40	1.45	22.00	1.46	24.02	1.49	25.33	1.52
	100	18.33	1.40	19.63	1.46	20.94	1.51	21.71	1.52	23.56	1.55	24.87	1.58
	105	17.87	1.46	19.18	1.51	20.48	1.57	21.43	1.58	23.10	1.62	24.41	1.65
	110	17.41	1.52	18.72	1.57	20.03	1.63	20.97	1.65	22.64	1.68	23.95	1.72
	115	16.95	1.57	18.26	1.63	19.57	1.69	20.52	1.71	22.19	1.74	23.50	1.78
	118	16.68	1.61	17.99	1.67	19.30	1.73	20.24	1.75	21.91	1.78	23.22	1.81
	122	16.59	1.66	17.90	1.72	19.20	1.78	20.15	1.80	21.82	1.83	23.13	1.87
23	-4	22.61	0.91	24.02	0.95	25.42	0.98	26.44	0.99	28.23	1.01	29.63	1.03
	0	22.60	0.92	24.00	0.95	25.41	0.99	26.42	1.00	28.21	1.02	29.62	1.04
	5	22.58	0.94	23.98	0.97	25.39	1.00	26.40	1.01	28.19	1.03	29.59	1.05
	10	22.56	0.95	23.97	0.98	25.37	1.02	26.38	1.03	28.17	1.05	29.57	1.07
	14	22.55	0.96	23.95	1.00	25.35	1.03	26.36	1.04	28.15	1.06	29.55	1.09
	20	22.53	0.98	23.93	1.01	25.33	1.05	26.34	1.06	28.13	1.08	29.53	1.10
	25	22.51	0.99	23.91	1.02	25.31	1.06	26.32	1.07	28.10	1.10	29.50	1.12
	30	22.50	1.00	23.89	1.04	25.29	1.08	26.30	1.09	28.08	1.11	29.48	1.13
	35	22.48	1.02	23.87	1.05	25.27	1.09	26.28	1.11	28.06	1.13	29.46	1.15
	40	22.46	1.03	23.86	1.07	25.25	1.11	26.26	1.12	28.04	1.14	29.44	1.17
	45	22.44	1.04	23.84	1.08	25.23	1.12	26.24	1.14	28.02	1.16	29.41	1.18
	50	22.43	1.06	23.82	1.10	25.21	1.14	26.22	1.15	28.00	1.17	29.39	1.20
	55	22.41	1.07	23.80	1.11	25.19	1.15	26.20	1.17	27.98	1.19	29.37	1.21
	60	22.39	1.09	23.78	1.13	25.17	1.17	26.18	1.18	27.95	1.20	29.35	1.23
	65	22.37	1.10	23.76	1.14	25.15	1.18	26.16	1.20	27.93	1.22	29.32	1.24
	70	22.36	1.11	23.75	1.16	25.13	1.20	26.14	1.21	27.91	1.23	29.30	1.26
	75	21.82	1.18	23.20	1.22	24.59	1.26	25.59	1.28	27.36	1.30	28.75	1.32
	80	21.28	1.24	22.66	1.28	24.04	1.32	25.04	1.34	26.81	1.37	28.19	1.39
	85	20.75	1.29	22.13	1.34	23.50	1.39	24.50	1.41	26.26	1.43	27.64	1.46
	90	20.22	1.35	21.59	1.40	22.96	1.46	23.96	1.47	25.71	1.50	27.09	1.53
	95	19.64	1.42	21.00	1.47	22.37	1.52	23.00	1.54	25.11	1.56	26.48	1.60
	100	19.16	1.48	20.53	1.53	21.89	1.58	22.70	1.60	24.63	1.63	26.00	1.67
	105	18.68	1.53	20.05	1.59	21.42	1.65	22.40	1.67	24.15	1.70	25.52	1.73
	110	18.20	1.59	19.57	1.65	20.94	1.72	21.93	1.73	23.67	1.77	25.04	1.80
	115	17.72	1.65	19.09	1.72	20.46	1.78	21.45	1.80	23.20	1.83	24.56	1.87
	118	17.44	1.69	18.80	1.75	20.17	1.81	21.16	1.83	22.91	1.87	24.28	1.91
	122	17.34	1.74	18.71	1.80	20.08	1.87	21.07	1.89	22.81	1.93	24.18	1.97

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 160: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	23.60	0.96	25.06	0.99	26.53	1.02	27.58	1.04	29.46	1.05	30.92	1.08
	0	23.58	0.97	25.05	1.00	26.51	1.03	27.57	1.05	29.44	1.07	30.91	1.09
	5	23.56	0.98	25.03	1.02	26.49	1.05	27.55	1.06	29.42	1.08	30.88	1.11
	10	23.55	1.00	25.01	1.03	26.47	1.07	27.53	1.08	29.39	1.10	30.86	1.12
	14	23.53	1.01	24.99	1.04	26.45	1.08	27.50	1.10	29.37	1.12	30.83	1.14
	20	23.51	1.02	24.97	1.06	26.43	1.10	27.48	1.11	29.35	1.13	30.81	1.16
	25	23.49	1.04	24.95	1.07	26.41	1.12	27.46	1.13	29.33	1.15	30.79	1.17
	30	23.47	1.05	24.93	1.09	26.39	1.13	27.44	1.15	29.30	1.17	30.76	1.19
	35	23.46	1.07	24.91	1.11	26.37	1.15	27.42	1.16	29.28	1.18	30.74	1.21
	40	23.44	1.08	24.89	1.12	26.35	1.16	27.40	1.18	29.26	1.20	30.72	1.22
	45	23.42	1.10	24.87	1.14	26.33	1.18	27.38	1.19	29.24	1.22	30.69	1.24
	50	23.40	1.11	24.85	1.15	26.31	1.20	27.36	1.21	29.21	1.23	30.67	1.25
	55	23.38	1.13	24.84	1.17	26.29	1.21	27.34	1.22	29.19	1.25	30.64	1.27
	60	23.37	1.14	24.82	1.18	26.27	1.23	27.32	1.24	29.17	1.26	30.62	1.29
	65	23.35	1.16	24.80	1.20	26.25	1.24	27.29	1.25	29.15	1.28	30.60	1.30
	70	23.33	1.17	24.78	1.21	26.23	1.26	27.27	1.27	29.13	1.29	30.57	1.32
	75	22.77	1.23	24.21	1.28	25.66	1.32	26.70	1.34	28.55	1.36	29.99	1.39
	80	22.21	1.29	23.65	1.34	25.09	1.39	26.13	1.41	27.97	1.43	29.42	1.46
	85	21.65	1.36	23.09	1.41	24.53	1.46	25.57	1.48	27.40	1.50	28.84	1.53
	90	21.09	1.42	22.53	1.47	23.96	1.53	25.00	1.54	26.83	1.57	28.27	1.60
	95	20.49	1.48	21.92	1.54	23.35	1.59	24.00	1.61	26.20	1.64	27.63	1.68
	100	19.99	1.55	21.42	1.60	22.85	1.66	23.69	1.68	25.70	1.71	27.13	1.75
	105	19.49	1.61	20.92	1.67	22.35	1.73	23.38	1.75	25.20	1.78	26.63	1.82
	110	18.99	1.67	20.42	1.74	21.85	1.80	22.88	1.82	24.70	1.85	26.13	1.89
	115	18.49	1.74	19.92	1.80	21.35	1.86	22.38	1.88	24.20	1.92	25.63	1.96
	118	18.19	1.77	19.62	1.84	21.05	1.90	22.08	1.93	23.90	1.96	25.33	2.00
25	122	18.10	1.82	19.52	1.89	20.95	1.96	21.98	1.98	23.81	2.02	25.23	2.06
	-4	24.58	1.00	26.10	1.03	27.63	1.07	28.73	1.08	30.68	1.11	32.21	1.13
	0	24.57	1.01	26.09	1.05	27.62	1.08	28.72	1.10	30.67	1.12	32.19	1.14
	5	24.54	1.03	26.07	1.06	27.59	1.10	28.69	1.12	30.64	1.14	32.17	1.16
	10	24.53	1.04	26.05	1.08	27.57	1.12	28.67	1.13	30.62	1.15	32.14	1.18
	14	24.51	1.05	26.03	1.09	27.55	1.14	28.65	1.15	30.60	1.17	32.12	1.20
	20	24.49	1.07	26.01	1.11	27.53	1.15	28.63	1.17	30.57	1.19	32.09	1.21
	25	24.47	1.09	25.99	1.13	27.51	1.17	28.61	1.18	30.55	1.21	32.07	1.23
	30	24.45	1.10	25.97	1.14	27.49	1.19	28.59	1.20	30.53	1.22	32.04	1.25
	35	24.43	1.12	25.95	1.16	27.47	1.20	28.56	1.22	30.50	1.24	32.02	1.26
	40	24.41	1.13	25.93	1.18	27.45	1.22	28.54	1.23	30.48	1.25	32.00	1.28
	45	24.40	1.15	25.91	1.19	27.43	1.23	28.52	1.25	30.46	1.27	31.97	1.29
	50	24.38	1.16	25.89	1.21	27.40	1.25	28.50	1.26	30.43	1.29	31.95	1.31
	55	24.36	1.18	25.87	1.22	27.38	1.27	28.48	1.28	30.41	1.30	31.92	1.33
	60	24.34	1.20	25.85	1.24	27.36	1.28	28.45	1.30	30.39	1.32	31.90	1.35
	65	24.32	1.21	25.83	1.25	27.34	1.30	28.43	1.31	30.36	1.34	31.87	1.36
	70	24.30	1.23	25.81	1.27	27.32	1.31	28.41	1.33	30.34	1.35	31.85	1.38
	75	23.72	1.29	25.22	1.33	26.73	1.39	27.82	1.40	29.74	1.43	31.24	1.46
	80	23.13	1.35	24.63	1.41	26.14	1.46	27.22	1.47	29.14	1.50	30.64	1.53
	85	22.55	1.42	24.05	1.48	25.55	1.53	26.63	1.54	28.54	1.57	30.04	1.60
	90	21.97	1.49	23.47	1.54	24.96	1.60	26.04	1.61	27.95	1.65	29.44	1.68
	95	21.34	1.55	22.83	1.61	24.32	1.67	25.00	1.69	27.29	1.72	28.78	1.76
	100	20.82	1.62	22.31	1.68	23.80	1.74	24.68	1.76	26.77	1.79	28.26	1.83
	105	20.30	1.69	21.79	1.75	23.28	1.81	24.35	1.83	26.25	1.86	27.74	1.90
	110	19.78	1.75	21.27	1.81	22.76	1.88	23.83	1.90	25.73	1.94	27.22	1.98
	115	19.26	1.82	20.75	1.88	22.24	1.95	23.31	1.98	25.21	2.01	26.70	2.05
	118	18.95	1.85	20.44	1.92	21.93	2.00	23.00	2.02	24.90	2.05	26.39	2.09
	122	18.85	1.91	20.34	1.98	21.82	2.05	22.90	2.07	24.80	2.11	26.28	2.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 161: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	25.56	1.04	27.15	1.08	28.74	1.12	29.88	1.14	31.91	1.16	33.50	1.18
	0	25.55	1.05	27.13	1.09	28.72	1.13	29.87	1.15	31.89	1.17	33.48	1.19
	5	25.53	1.07	27.11	1.11	28.70	1.15	29.84	1.17	31.87	1.19	33.45	1.21
	10	25.51	1.09	27.09	1.13	28.68	1.17	29.82	1.19	31.84	1.21	33.43	1.23
	14	25.49	1.10	27.07	1.15	28.65	1.19	29.80	1.20	31.82	1.22	33.40	1.25
	20	25.47	1.12	27.05	1.16	28.63	1.21	29.77	1.22	31.80	1.24	33.38	1.27
	25	25.45	1.14	27.03	1.18	28.61	1.22	29.75	1.24	31.77	1.26	33.35	1.28
	30	25.43	1.15	27.01	1.20	28.59	1.24	29.73	1.25	31.75	1.28	33.33	1.30
	35	25.41	1.17	26.99	1.21	28.57	1.26	29.71	1.27	31.72	1.29	33.30	1.32
	40	25.39	1.19	26.97	1.23	28.54	1.27	29.68	1.29	31.70	1.31	33.27	1.33
	45	25.37	1.20	26.95	1.24	28.52	1.29	29.66	1.30	31.67	1.33	33.25	1.35
	50	25.35	1.22	26.93	1.26	28.50	1.30	29.64	1.32	31.65	1.34	33.22	1.37
	55	25.33	1.23	26.91	1.28	28.48	1.32	29.61	1.34	31.63	1.36	33.20	1.39
	60	25.31	1.25	26.88	1.29	28.46	1.34	29.59	1.35	31.60	1.38	33.17	1.41
	65	25.29	1.26	26.86	1.31	28.43	1.36	29.57	1.37	31.58	1.40	33.15	1.43
	70	25.27	1.28	26.84	1.32	28.41	1.37	29.55	1.39	31.55	1.42	33.12	1.45
	75	24.67	1.35	26.23	1.40	27.80	1.45	28.93	1.47	30.93	1.49	32.49	1.52
	80	24.06	1.42	25.62	1.47	27.18	1.52	28.31	1.54	30.31	1.57	31.87	1.60
	85	23.45	1.49	25.01	1.54	26.57	1.59	27.70	1.61	29.69	1.64	31.24	1.68
	90	22.85	1.55	24.41	1.61	25.96	1.67	27.08	1.69	29.07	1.72	30.62	1.76
	95	22.20	1.62	23.74	1.68	25.29	1.75	26.00	1.77	28.38	1.80	29.93	1.83
	100	21.66	1.69	23.20	1.76	24.75	1.82	25.66	1.84	27.84	1.87	29.39	1.91
	105	21.12	1.76	22.66	1.82	24.21	1.89	25.33	1.91	27.30	1.95	28.85	1.99
	110	20.58	1.83	22.12	1.90	23.67	1.97	24.79	1.99	26.76	2.03	28.31	2.07
	115	20.04	1.90	21.58	1.97	23.13	2.04	24.25	2.06	26.22	2.10	27.77	2.14
	118	19.71	1.94	21.26	2.01	22.80	2.08	23.92	2.11	25.90	2.15	27.44	2.19
	122	19.60	2.00	21.15	2.07	22.70	2.14	23.81	2.17	25.79	2.21	27.34	2.26
27	-4	26.54	1.09	28.19	1.13	29.84	1.17	31.03	1.19	33.14	1.21	34.79	1.23
	0	26.53	1.10	28.18	1.14	29.83	1.19	31.02	1.20	33.12	1.22	34.77	1.25
	5	26.51	1.12	28.15	1.16	29.80	1.21	30.99	1.22	33.09	1.24	34.74	1.27
	10	26.49	1.14	28.13	1.18	29.78	1.22	30.97	1.24	33.07	1.26	34.71	1.28
	14	26.47	1.15	28.11	1.20	29.76	1.24	30.94	1.25	33.04	1.28	34.69	1.30
	20	26.45	1.17	28.09	1.21	29.73	1.26	30.92	1.27	33.02	1.29	34.66	1.32
	25	26.43	1.19	28.07	1.23	29.71	1.27	30.90	1.29	32.99	1.31	34.63	1.34
	30	26.41	1.21	28.05	1.25	29.69	1.29	30.87	1.31	32.97	1.33	34.61	1.36
	35	26.39	1.22	28.03	1.26	29.66	1.31	30.85	1.32	32.94	1.35	34.58	1.38
	40	26.37	1.24	28.00	1.28	29.64	1.33	30.82	1.34	32.92	1.37	34.55	1.40
	45	26.35	1.25	27.98	1.30	29.62	1.34	30.80	1.36	32.89	1.39	34.53	1.41
	50	26.33	1.27	27.96	1.31	29.60	1.36	30.78	1.38	32.87	1.40	34.50	1.43
	55	26.31	1.29	27.94	1.33	29.57	1.38	30.75	1.40	32.84	1.42	34.48	1.45
	60	26.29	1.30	27.92	1.35	29.55	1.40	30.73	1.42	32.82	1.44	34.45	1.47
	65	26.27	1.32	27.90	1.37	29.53	1.42	30.71	1.43	32.79	1.46	34.42	1.49
	70	26.25	1.33	27.88	1.38	29.51	1.44	30.68	1.45	32.77	1.48	34.40	1.51
	75	25.61	1.41	27.24	1.46	28.87	1.51	30.04	1.53	32.12	1.56	33.74	1.59
	80	24.98	1.48	26.60	1.53	28.23	1.59	29.40	1.60	31.47	1.64	33.09	1.67
	85	24.36	1.55	25.97	1.61	27.59	1.67	28.76	1.69	30.83	1.72	32.45	1.75
	90	23.73	1.62	25.34	1.68	26.96	1.75	28.12	1.77	30.19	1.80	31.80	1.83
	95	23.05	1.70	24.66	1.76	26.26	1.82	27.00	1.84	29.48	1.87	31.08	1.91
	100	22.49	1.77	24.10	1.83	25.70	1.90	26.65	1.92	28.91	1.96	30.52	2.00
	105	21.93	1.84	23.53	1.90	25.14	1.98	26.30	2.00	28.35	2.04	29.96	2.08
	110	21.37	1.91	22.97	1.98	24.58	2.05	25.74	2.08	27.79	2.11	29.40	2.16
	115	20.81	1.98	22.41	2.06	24.02	2.13	25.18	2.15	27.23	2.19	28.84	2.24
	118	20.47	2.03	22.08	2.10	23.68	2.18	24.84	2.20	26.89	2.24	28.50	2.29
	122	20.36	2.08	21.96	2.16	23.57	2.24	24.73	2.27	26.78	2.31	28.39	2.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 162: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	27.53	1.14	29.24	1.18	30.95	1.22	32.18	1.24	34.37	1.26	36.08	1.28
	0	27.51	1.15	29.22	1.19	30.93	1.24	32.16	1.25	34.35	1.27	36.06	1.30
	5	27.49	1.17	29.20	1.21	30.90	1.26	32.14	1.27	34.32	1.29	36.03	1.32
	10	27.47	1.19	29.18	1.23	30.88	1.27	32.11	1.29	34.29	1.31	36.00	1.34
	14	27.45	1.20	29.15	1.25	30.86	1.29	32.09	1.31	34.27	1.33	35.97	1.36
	20	27.43	1.22	29.13	1.26	30.83	1.31	32.06	1.32	34.24	1.35	35.94	1.38
	25	27.41	1.24	29.11	1.28	30.81	1.33	32.04	1.34	34.21	1.37	35.92	1.40
	30	27.39	1.26	29.09	1.30	30.79	1.34	32.02	1.36	34.19	1.39	35.89	1.42
	35	27.36	1.27	29.06	1.32	30.76	1.36	31.99	1.38	34.16	1.41	35.86	1.44
	40	27.34	1.29	29.04	1.33	30.74	1.38	31.97	1.40	34.14	1.43	35.83	1.46
	45	27.32	1.30	29.02	1.35	30.72	1.40	31.94	1.42	34.11	1.45	35.81	1.48
	50	27.30	1.32	29.00	1.37	30.69	1.42	31.92	1.44	34.08	1.47	35.78	1.50
	55	27.28	1.34	28.98	1.39	30.67	1.44	31.89	1.46	34.06	1.49	35.75	1.51
	60	27.26	1.36	28.95	1.41	30.65	1.46	31.87	1.48	34.03	1.50	35.72	1.53
	65	27.24	1.37	28.93	1.43	30.62	1.48	31.84	1.50	34.01	1.52	35.70	1.55
	70	27.22	1.39	28.91	1.44	30.60	1.50	31.82	1.51	33.98	1.54	35.67	1.57
	75	26.56	1.47	28.25	1.52	29.94	1.57	31.15	1.59	33.31	1.62	34.99	1.66
	80	25.91	1.54	27.59	1.60	29.27	1.66	30.49	1.68	32.64	1.71	34.32	1.74
	85	25.26	1.61	26.94	1.68	28.61	1.74	29.83	1.76	31.97	1.79	33.65	1.83
	90	24.61	1.69	26.28	1.76	27.96	1.82	29.17	1.84	31.30	1.87	32.98	1.91
	95	23.91	1.77	25.57	1.83	27.24	1.90	28.00	1.92	30.57	1.96	32.23	2.00
	100	23.32	1.84	24.99	1.91	26.65	1.98	27.64	2.00	29.98	2.04	31.65	2.08
	105	22.74	1.92	24.41	1.99	26.07	2.06	27.27	2.08	29.40	2.12	31.07	2.16
	110	22.16	1.99	23.82	2.07	25.49	2.14	26.69	2.16	28.82	2.20	30.49	2.25
	115	21.58	2.07	23.24	2.14	24.91	2.22	26.11	2.25	28.24	2.29	29.90	2.33
	118	21.23	2.11	22.89	2.19	24.56	2.27	25.76	2.30	27.89	2.34	29.55	2.38
	122	21.11	2.17	22.78	2.25	24.44	2.33	25.64	2.36	27.77	2.40	29.44	2.45
29	-4	28.51	1.19	30.28	1.23	32.05	1.27	33.33	1.29	35.59	1.31	37.36	1.33
	0	28.50	1.20	30.27	1.24	32.03	1.29	33.31	1.30	35.57	1.32	37.34	1.35
	5	28.47	1.22	30.24	1.26	32.01	1.31	33.29	1.32	35.54	1.34	37.31	1.37
	10	28.45	1.24	30.22	1.28	31.98	1.32	33.26	1.34	35.52	1.36	37.28	1.39
	14	28.43	1.25	30.19	1.30	31.96	1.34	33.23	1.36	35.49	1.38	37.26	1.41
	20	28.41	1.27	30.17	1.32	31.94	1.36	33.21	1.38	35.46	1.41	37.23	1.43
	25	28.39	1.29	30.15	1.33	31.91	1.38	33.18	1.40	35.44	1.43	37.20	1.46
	30	28.36	1.31	30.13	1.35	31.89	1.40	33.16	1.42	35.41	1.45	37.17	1.48
	35	28.34	1.32	30.10	1.37	31.86	1.42	33.13	1.44	35.38	1.47	37.14	1.50
	40	28.32	1.34	30.08	1.39	31.84	1.44	33.11	1.46	35.36	1.49	37.11	1.52
	45	28.30	1.36	30.06	1.41	31.81	1.46	33.08	1.48	35.33	1.51	37.09	1.54
	50	28.28	1.38	30.03	1.43	31.79	1.48	33.06	1.50	35.30	1.53	37.06	1.56
	55	28.26	1.39	30.01	1.45	31.76	1.50	33.03	1.52	35.27	1.55	37.03	1.58
	60	28.23	1.41	29.99	1.47	31.74	1.52	33.01	1.54	35.25	1.56	37.00	1.59
	65	28.21	1.43	29.96	1.49	31.72	1.54	32.98	1.56	35.22	1.58	36.97	1.61
	70	28.19	1.45	29.94	1.50	31.69	1.56	32.96	1.57	35.19	1.60	36.94	1.63
	75	27.51	1.53	29.26	1.58	31.00	1.64	32.27	1.66	34.50	1.69	36.24	1.73
	80	26.83	1.60	28.58	1.66	30.32	1.73	31.58	1.75	33.80	1.78	35.54	1.81
	85	26.16	1.68	27.90	1.75	29.64	1.81	30.89	1.83	33.11	1.86	34.85	1.90
	90	25.49	1.76	27.22	1.83	28.96	1.89	30.21	1.91	32.42	1.95	34.16	1.99
	95	24.76	1.84	26.48	1.90	28.21	1.98	29.00	2.00	31.66	2.04	33.38	2.08
	100	24.16	1.92	25.88	1.99	27.61	2.06	28.62	2.08	31.06	2.12	32.78	2.16
	105	23.55	2.00	25.28	2.07	27.00	2.14	28.25	2.17	30.45	2.21	32.18	2.25
	110	22.95	2.07	24.68	2.15	26.40	2.23	27.65	2.25	29.85	2.30	31.57	2.34
	115	22.35	2.15	24.07	2.23	25.80	2.31	27.04	2.34	29.25	2.38	30.97	2.43
	118	21.99	2.20	23.71	2.28	25.44	2.36	26.68	2.39	28.88	2.43	30.61	2.48
	122	21.86	2.26	23.59	2.34	25.31	2.43	26.56	2.46	28.76	2.50	30.49	2.56

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 163: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	29.49	1.23	31.33	1.28	33.16	1.32	34.48	1.34	36.82	1.36	38.65	1.39
	0	29.48	1.25	31.31	1.29	33.14	1.34	34.46	1.35	36.80	1.38	38.63	1.40
	5	29.45	1.27	31.28	1.31	33.11	1.36	34.43	1.37	36.77	1.40	38.60	1.43
	10	29.43	1.28	31.26	1.33	33.09	1.38	34.41	1.39	36.74	1.42	38.57	1.45
	14	29.41	1.30	31.24	1.35	33.06	1.40	34.38	1.41	36.71	1.44	38.54	1.47
	20	29.39	1.32	31.21	1.37	33.04	1.42	34.35	1.44	36.69	1.46	38.51	1.49
	25	29.36	1.34	31.19	1.39	33.01	1.44	34.33	1.46	36.66	1.48	38.48	1.51
	30	29.34	1.36	31.16	1.41	32.99	1.46	34.30	1.48	36.63	1.51	38.45	1.53
	35	29.32	1.37	31.14	1.43	32.96	1.48	34.28	1.50	36.60	1.53	38.42	1.55
	40	29.30	1.39	31.12	1.45	32.94	1.50	34.25	1.52	36.57	1.55	38.39	1.58
	45	29.27	1.41	31.09	1.47	32.91	1.52	34.22	1.54	36.55	1.57	38.36	1.60
	50	29.25	1.43	31.07	1.49	32.89	1.54	34.20	1.56	36.52	1.58	38.34	1.62
	55	29.23	1.45	31.04	1.51	32.86	1.56	34.17	1.58	36.49	1.60	38.31	1.64
	60	29.21	1.47	31.02	1.53	32.83	1.58	34.14	1.60	36.46	1.62	38.28	1.66
	65	29.18	1.49	31.00	1.54	32.81	1.60	34.12	1.62	36.43	1.65	38.25	1.68
	70	29.16	1.51	30.97	1.56	32.78	1.62	34.09	1.64	36.41	1.67	38.22	1.70
	75	28.46	1.59	30.27	1.64	32.07	1.71	33.38	1.73	35.69	1.76	37.49	1.80
	80	27.76	1.67	29.56	1.73	31.36	1.80	32.66	1.82	34.97	1.85	36.77	1.88
	85	27.06	1.75	28.86	1.82	30.66	1.88	31.96	1.90	34.25	1.94	36.05	1.98
	90	26.37	1.83	28.16	1.90	29.95	1.97	31.25	1.99	33.54	2.03	35.33	2.07
	95	25.61	1.91	27.40	1.98	29.18	2.06	30.00	2.08	32.75	2.12	34.53	2.16
	100	24.99	2.00	26.77	2.07	28.56	2.14	29.61	2.16	32.13	2.21	33.91	2.25
	105	24.37	2.08	26.15	2.15	27.93	2.23	29.22	2.26	31.50	2.30	33.29	2.35
	110	23.74	2.15	25.53	2.24	27.31	2.32	28.60	2.34	30.88	2.39	32.66	2.43
	115	23.12	2.24	24.90	2.32	26.69	2.40	27.98	2.43	30.26	2.48	32.04	2.53
	118	22.74	2.29	24.53	2.37	26.31	2.45	27.60	2.48	29.88	2.53	31.67	2.58
	122	22.62	2.35	24.40	2.44	26.19	2.53	27.48	2.56	29.76	2.60	31.54	2.66
31	-4	30.48	1.28	32.37	1.32	34.26	1.37	35.63	1.39	38.05	1.41	39.94	1.44
	0	30.46	1.29	32.35	1.34	34.24	1.39	35.61	1.40	38.03	1.43	39.92	1.46
	5	30.44	1.31	32.33	1.36	34.22	1.41	35.58	1.43	38.00	1.45	39.89	1.49
	10	30.41	1.33	32.30	1.38	34.19	1.43	35.55	1.45	37.97	1.48	39.86	1.51
	14	30.39	1.35	32.28	1.40	34.16	1.45	35.53	1.47	37.94	1.50	39.83	1.53
	20	30.37	1.37	32.25	1.42	34.14	1.48	35.50	1.49	37.91	1.52	39.80	1.55
	25	30.34	1.39	32.23	1.44	34.11	1.50	35.47	1.51	37.88	1.54	39.77	1.57
	30	30.32	1.41	32.20	1.46	34.09	1.52	35.45	1.53	37.85	1.56	39.73	1.59
	35	30.30	1.43	32.18	1.48	34.06	1.54	35.42	1.55	37.82	1.58	39.70	1.61
	40	30.27	1.45	32.15	1.50	34.03	1.56	35.39	1.57	37.79	1.60	39.67	1.63
	45	30.25	1.47	32.13	1.52	34.01	1.58	35.36	1.60	37.76	1.62	39.64	1.66
	50	30.23	1.49	32.10	1.54	33.98	1.60	35.34	1.62	37.74	1.65	39.61	1.68
	55	30.20	1.51	32.08	1.56	33.96	1.62	35.31	1.64	37.71	1.67	39.58	1.70
	60	30.18	1.53	32.05	1.58	33.93	1.64	35.28	1.66	37.68	1.69	39.55	1.73
	65	30.16	1.55	32.03	1.60	33.90	1.66	35.26	1.68	37.65	1.71	39.52	1.75
	70	30.13	1.57	32.01	1.62	33.88	1.68	35.23	1.70	37.62	1.73	39.49	1.77
	75	29.41	1.65	31.28	1.71	33.14	1.78	34.49	1.80	36.88	1.83	38.74	1.86
	80	28.68	1.74	30.55	1.80	32.41	1.86	33.75	1.88	36.13	1.92	38.00	1.96
	85	27.97	1.82	29.82	1.88	31.68	1.95	33.02	1.98	35.40	2.01	37.25	2.06
	90	27.25	1.90	29.10	1.97	30.95	2.05	32.29	2.07	34.66	2.11	36.51	2.15
	95	26.47	1.99	28.31	2.06	30.15	2.13	31.00	2.16	33.84	2.20	35.69	2.24
	100	25.82	2.07	27.67	2.15	29.51	2.22	30.60	2.25	33.20	2.30	35.04	2.34
	105	25.18	2.15	27.02	2.23	28.87	2.32	30.20	2.34	32.55	2.39	34.40	2.43
	110	24.53	2.24	26.38	2.32	28.22	2.41	29.55	2.43	31.91	2.48	33.75	2.53
	115	23.89	2.33	25.73	2.41	27.58	2.50	28.91	2.53	31.26	2.58	33.11	2.63
	118	23.50	2.38	25.35	2.46	27.19	2.55	28.52	2.58	30.88	2.63	32.72	2.68
	122	23.37	2.44	25.22	2.53	27.06	2.63	28.39	2.66	30.75	2.70	32.59	2.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 164: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	31.46	1.33	33.41	1.37	35.37	1.43	36.78	1.44	39.28	1.47	41.23	1.50
	0	31.44	1.34	33.40	1.39	35.35	1.44	36.76	1.46	39.25	1.49	41.21	1.52
	5	31.42	1.36	33.37	1.41	35.32	1.47	36.73	1.48	39.22	1.51	41.17	1.54
	10	31.39	1.38	33.34	1.43	35.29	1.49	36.70	1.51	39.19	1.53	41.14	1.56
	14	31.37	1.40	33.32	1.46	35.27	1.51	36.67	1.53	39.16	1.55	41.11	1.58
	20	31.35	1.42	33.29	1.48	35.24	1.53	36.64	1.55	39.13	1.58	41.08	1.61
	25	31.32	1.44	33.27	1.50	35.21	1.55	36.62	1.57	39.10	1.60	41.05	1.63
	30	31.30	1.46	33.24	1.52	35.19	1.57	36.59	1.59	39.07	1.62	41.02	1.65
	35	31.27	1.49	33.22	1.54	35.16	1.59	36.56	1.61	39.04	1.64	40.99	1.67
	40	31.25	1.51	33.19	1.56	35.13	1.61	36.53	1.63	39.01	1.66	40.95	1.70
	45	31.23	1.53	33.17	1.58	35.10	1.64	36.51	1.65	38.98	1.69	40.92	1.72
	50	31.20	1.55	33.14	1.60	35.08	1.66	36.48	1.68	38.95	1.71	40.89	1.75
	55	31.18	1.57	33.11	1.62	35.05	1.68	36.45	1.70	38.92	1.73	40.86	1.77
	60	31.15	1.58	33.09	1.64	35.02	1.70	36.42	1.72	38.89	1.76	40.83	1.79
	65	31.13	1.60	33.06	1.66	35.00	1.72	36.39	1.75	38.86	1.78	40.80	1.81
	70	31.11	1.62	33.04	1.68	34.97	1.75	36.37	1.77	38.83	1.80	40.77	1.84
	75	30.36	1.71	32.28	1.78	34.21	1.84	35.60	1.86	38.07	1.89	39.99	1.93
	80	29.61	1.80	31.53	1.87	33.45	1.93	34.84	1.95	37.30	1.99	39.22	2.03
	85	28.87	1.89	30.78	1.96	32.70	2.03	34.09	2.05	36.54	2.09	38.46	2.13
	90	28.13	1.97	30.04	2.05	31.95	2.12	33.33	2.15	35.78	2.18	37.69	2.23
	95	27.32	2.07	29.22	2.14	31.13	2.21	32.00	2.24	34.93	2.28	36.84	2.33
	100	26.65	2.15	28.56	2.23	30.46	2.31	31.59	2.34	34.27	2.38	36.17	2.43
	105	25.99	2.24	27.89	2.32	29.80	2.40	31.17	2.43	33.60	2.48	35.51	2.53
	110	25.32	2.33	27.23	2.41	29.13	2.50	30.51	2.53	32.94	2.58	34.84	2.63
	115	24.66	2.41	26.56	2.50	28.47	2.59	29.84	2.62	32.27	2.67	34.18	2.72
	118	24.26	2.46	26.16	2.56	28.07	2.65	29.44	2.68	31.87	2.73	33.78	2.78
	122	24.13	2.54	26.03	2.63	27.93	2.72	29.31	2.75	31.74	2.81	33.64	2.87
33	-4	32.44	1.37	34.46	1.43	36.47	1.48	37.93	1.50	40.50	1.53	42.52	1.55
	0	32.43	1.39	34.44	1.44	36.45	1.50	37.91	1.51	40.48	1.54	42.49	1.57
	5	32.40	1.41	34.41	1.47	36.42	1.52	37.88	1.54	40.45	1.57	42.46	1.60
	10	32.37	1.43	34.39	1.49	36.40	1.54	37.85	1.56	40.42	1.59	42.43	1.62
	14	32.35	1.46	34.36	1.51	36.37	1.56	37.82	1.58	40.39	1.61	42.40	1.64
	20	32.33	1.48	34.33	1.53	36.34	1.59	37.79	1.60	40.36	1.63	42.36	1.66
	25	32.30	1.50	34.31	1.55	36.31	1.61	37.76	1.63	40.32	1.65	42.33	1.69
	30	32.28	1.52	34.28	1.57	36.28	1.63	37.73	1.65	40.29	1.68	42.30	1.71
	35	32.25	1.54	34.25	1.59	36.26	1.65	37.70	1.67	40.26	1.70	42.27	1.74
	40	32.23	1.56	34.23	1.62	36.23	1.67	37.67	1.69	40.23	1.73	42.23	1.76
	45	32.20	1.58	34.20	1.64	36.20	1.70	37.65	1.72	40.20	1.75	42.20	1.79
	50	32.18	1.60	34.18	1.66	36.17	1.72	37.62	1.74	40.17	1.77	42.17	1.81
	55	32.15	1.62	34.15	1.68	36.15	1.74	37.59	1.76	40.14	1.80	42.14	1.83
	60	32.13	1.64	34.12	1.70	36.12	1.77	37.56	1.79	40.11	1.82	42.10	1.86
	65	32.10	1.66	34.10	1.72	36.09	1.79	37.53	1.81	40.08	1.84	42.07	1.88
	70	32.08	1.68	34.07	1.75	36.06	1.81	37.50	1.83	40.05	1.86	42.04	1.90
	75	31.31	1.78	33.29	1.84	35.28	1.91	36.72	1.93	39.26	1.96	41.24	2.01
	80	30.53	1.87	32.52	1.93	34.50	2.01	35.93	2.03	38.46	2.07	40.45	2.11
	85	29.77	1.96	31.75	2.03	33.72	2.10	35.15	2.13	37.68	2.17	39.66	2.21
	90	29.00	2.05	30.98	2.12	32.95	2.20	34.37	2.22	36.89	2.27	38.87	2.31
	95	28.17	2.14	30.14	2.21	32.10	2.30	33.00	2.33	36.03	2.37	37.99	2.42
	100	27.49	2.23	29.45	2.31	31.41	2.40	32.57	2.42	35.34	2.47	37.30	2.52
	105	26.80	2.32	28.76	2.41	30.73	2.49	32.14	2.52	34.65	2.57	36.62	2.62
	110	26.12	2.41	28.08	2.50	30.04	2.59	31.46	2.62	33.97	2.67	35.93	2.72
	115	25.43	2.50	27.39	2.59	29.36	2.69	30.77	2.72	33.28	2.77	35.24	2.83
	118	25.02	2.56	26.98	2.65	28.94	2.74	30.36	2.78	32.87	2.83	34.83	2.89
	122	24.88	2.63	26.84	2.72	28.81	2.82	30.22	2.86	32.73	2.91	34.69	2.97

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 165: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	33.43	1.42	35.50	1.48	37.58	1.53	39.08	1.55	41.73	1.58	43.81	1.61
	0	33.41	1.44	35.48	1.49	37.56	1.55	39.06	1.57	41.71	1.59	43.78	1.63
	5	33.38	1.46	35.45	1.52	37.53	1.57	39.02	1.59	41.67	1.62	43.75	1.65
	10	33.36	1.49	35.43	1.54	37.50	1.60	38.99	1.61	41.64	1.64	43.71	1.68
	14	33.33	1.51	35.40	1.56	37.47	1.62	38.96	1.64	41.61	1.67	43.68	1.70
	20	33.30	1.53	35.37	1.59	37.44	1.64	38.94	1.66	41.58	1.69	43.65	1.73
	25	33.28	1.55	35.35	1.61	37.41	1.66	38.91	1.68	41.55	1.72	43.61	1.75
	30	33.25	1.57	35.32	1.63	37.38	1.69	38.88	1.71	41.51	1.74	43.58	1.78
	35	33.23	1.59	35.29	1.65	37.36	1.71	38.85	1.73	41.48	1.77	43.55	1.80
	40	33.20	1.61	35.27	1.67	37.33	1.74	38.82	1.76	41.45	1.79	43.51	1.83
	45	33.18	1.64	35.24	1.70	37.30	1.76	38.79	1.78	41.42	1.81	43.48	1.85
	50	33.15	1.66	35.21	1.72	37.27	1.78	38.76	1.81	41.39	1.84	43.45	1.87
	55	33.13	1.68	35.18	1.74	37.24	1.81	38.73	1.83	41.36	1.86	43.41	1.90
	60	33.10	1.70	35.16	1.77	37.21	1.83	38.70	1.85	41.32	1.88	43.38	1.92
	65	33.08	1.72	35.13	1.79	37.18	1.85	38.67	1.87	41.29	1.91	43.35	1.94
	70	33.05	1.75	35.10	1.81	37.16	1.87	38.64	1.90	41.26	1.93	43.31	1.97
	75	32.26	1.84	34.30	1.91	36.35	1.97	37.83	2.00	40.45	2.04	42.49	2.08
	80	31.46	1.93	33.50	2.00	35.54	2.08	37.02	2.10	39.63	2.14	41.67	2.18
	85	30.67	2.03	32.71	2.10	34.75	2.18	36.22	2.20	38.82	2.24	40.86	2.29
	90	29.88	2.12	31.92	2.20	33.95	2.28	35.42	2.31	38.01	2.35	40.05	2.40
	95	29.03	2.21	31.05	2.30	33.07	2.38	34.00	2.41	37.12	2.45	39.14	2.50
	100	28.32	2.31	30.34	2.39	32.37	2.48	33.56	2.51	36.41	2.56	38.43	2.61
	105	27.61	2.40	29.64	2.49	31.66	2.58	33.12	2.61	35.70	2.66	37.73	2.71
	110	26.91	2.50	28.93	2.59	30.95	2.68	32.41	2.71	35.00	2.76	37.02	2.82
	115	26.20	2.59	28.22	2.69	30.24	2.78	31.71	2.82	34.29	2.87	36.31	2.93
	118	25.78	2.65	27.80	2.74	29.82	2.84	31.28	2.88	33.87	2.93	35.89	2.99
	122	25.63	2.72	27.66	2.82	29.68	2.93	31.14	2.96	33.72	3.01	35.75	3.07
35	-4	34.41	1.48	36.55	1.53	38.68	1.59	40.23	1.60	42.96	1.63	45.09	1.66
	0	34.39	1.49	36.53	1.55	38.66	1.60	40.21	1.62	42.93	1.65	45.07	1.68
	5	34.36	1.52	36.50	1.57	38.63	1.63	40.17	1.65	42.90	1.68	45.03	1.71
	10	34.34	1.54	36.47	1.59	38.60	1.65	40.14	1.67	42.87	1.70	45.00	1.74
	14	34.31	1.56	36.44	1.62	38.57	1.67	40.11	1.69	42.83	1.73	44.96	1.76
	20	34.28	1.58	36.41	1.64	38.54	1.70	40.08	1.72	42.80	1.75	44.93	1.79
	25	34.26	1.61	36.39	1.66	38.51	1.72	40.05	1.74	42.77	1.78	44.90	1.81
	30	34.23	1.63	36.36	1.68	38.48	1.75	40.02	1.77	42.74	1.80	44.86	1.84
	35	34.21	1.65	36.33	1.71	38.45	1.77	39.99	1.79	42.70	1.83	44.83	1.86
	40	34.18	1.67	36.30	1.73	38.42	1.80	39.96	1.82	42.67	1.85	44.79	1.89
	45	34.15	1.69	36.27	1.76	38.40	1.82	39.93	1.84	42.64	1.88	44.76	1.91
	50	34.13	1.72	36.25	1.78	38.37	1.85	39.90	1.87	42.61	1.90	44.72	1.94
	55	34.10	1.74	36.22	1.80	38.34	1.87	39.87	1.89	42.57	1.92	44.69	1.96
	60	34.07	1.76	36.19	1.83	38.31	1.89	39.84	1.91	42.54	1.95	44.66	1.99
	65	34.05	1.79	36.16	1.85	38.28	1.92	39.81	1.94	42.51	1.97	44.62	2.01
	70	34.02	1.81	36.14	1.87	38.25	1.94	39.77	1.96	42.47	2.00	44.59	2.04
	75	33.20	1.90	35.31	1.97	37.42	2.05	38.94	2.07	41.63	2.11	43.74	2.15
	80	32.39	2.00	34.49	2.08	36.59	2.15	38.11	2.17	40.80	2.21	42.90	2.26
	85	31.57	2.10	33.67	2.17	35.77	2.25	37.28	2.28	39.96	2.32	42.06	2.37
	90	30.76	2.19	32.85	2.28	34.95	2.36	36.46	2.39	39.13	2.43	41.22	2.48
	95	29.88	2.29	31.96	2.38	34.04	2.46	35.00	2.49	38.21	2.54	40.29	2.59
	100	29.15	2.39	31.24	2.48	33.32	2.57	34.55	2.60	37.48	2.65	39.56	2.70
	105	28.43	2.49	30.51	2.58	32.59	2.67	34.09	2.70	36.75	2.75	38.83	2.81
	110	27.70	2.59	29.78	2.68	31.86	2.78	33.37	2.81	36.03	2.86	38.11	2.92
	115	26.97	2.68	29.05	2.78	31.13	2.88	32.64	2.92	35.30	2.97	37.38	3.03
	118	26.53	2.74	28.62	2.84	30.70	2.95	32.20	2.98	34.86	3.03	36.94	3.09
	122	26.39	2.82	28.47	2.92	30.55	3.03	32.06	3.06	34.72	3.12	36.80	3.18

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 166: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	35.39	1.53	37.59	1.58	39.79	1.64	41.38	1.66	44.19	1.69	46.38	1.72
	0	35.37	1.54	37.57	1.60	39.77	1.66	41.35	1.67	44.16	1.71	46.36	1.74
	5	35.34	1.57	37.54	1.62	39.73	1.68	41.32	1.70	44.12	1.73	46.32	1.77
	10	35.32	1.59	37.51	1.65	39.70	1.71	41.29	1.73	44.09	1.76	46.28	1.80
	14	35.29	1.61	37.48	1.67	39.67	1.73	41.26	1.75	44.06	1.79	46.25	1.82
	20	35.26	1.64	37.45	1.69	39.64	1.76	41.23	1.78	44.02	1.81	46.21	1.85
	25	35.24	1.66	37.43	1.72	39.61	1.78	41.19	1.81	43.99	1.84	46.18	1.88
	30	35.21	1.68	37.40	1.74	39.58	1.81	41.16	1.83	43.96	1.86	46.14	1.90
	35	35.18	1.70	37.37	1.77	39.55	1.84	41.13	1.86	43.92	1.89	46.11	1.93
	40	35.16	1.73	37.34	1.79	39.52	1.86	41.10	1.88	43.89	1.91	46.07	1.95
	45	35.13	1.75	37.31	1.82	39.49	1.88	41.07	1.90	43.86	1.94	46.04	1.98
	50	35.10	1.78	37.28	1.84	39.46	1.91	41.04	1.93	43.82	1.96	46.00	2.00
	55	35.08	1.80	37.25	1.87	39.43	1.93	41.01	1.95	43.79	1.99	45.97	2.03
	60	35.05	1.82	37.23	1.89	39.40	1.96	40.97	1.98	43.76	2.02	45.93	2.06
	65	35.02	1.85	37.20	1.91	39.37	1.98	40.94	2.00	43.72	2.04	45.90	2.09
	70	34.99	1.87	37.17	1.93	39.34	2.01	40.91	2.03	43.69	2.07	45.86	2.11
	75	34.15	1.97	36.32	2.04	38.49	2.12	40.05	2.14	42.82	2.18	44.99	2.22
	80	33.31	2.07	35.47	2.15	37.64	2.22	39.20	2.25	41.96	2.29	44.12	2.34
	85	32.48	2.17	34.63	2.25	36.79	2.33	38.35	2.36	41.10	2.40	43.26	2.45
	90	31.64	2.27	33.79	2.36	35.94	2.44	37.50	2.47	40.25	2.51	42.40	2.56
	95	30.74	2.37	32.88	2.46	35.02	2.55	36.00	2.58	39.30	2.63	41.44	2.68
	100	29.99	2.47	32.13	2.56	34.27	2.66	35.53	2.69	38.55	2.74	40.69	2.79
	105	29.24	2.57	31.38	2.67	33.52	2.76	35.07	2.79	37.80	2.85	39.94	2.91
	110	28.49	2.68	30.63	2.77	32.77	2.87	34.32	2.91	37.05	2.96	39.20	3.02
	115	27.74	2.77	29.88	2.88	32.02	2.98	33.57	3.01	36.31	3.07	38.45	3.13
	118	27.29	2.83	29.43	2.94	31.57	3.04	33.12	3.08	35.86	3.14	38.00	3.20
	122	27.14	2.92	29.28	3.02	31.43	3.13	32.97	3.17	35.71	3.23	37.85	3.29
37	-4	36.38	1.58	38.64	1.64	40.89	1.70	42.53	1.71	45.41	1.75	47.67	1.78
	0	36.36	1.60	38.61	1.65	40.87	1.71	42.50	1.73	45.39	1.76	47.65	1.80
	5	36.33	1.62	38.58	1.68	40.84	1.74	42.47	1.76	45.35	1.79	47.61	1.83
	10	36.30	1.65	38.55	1.70	40.81	1.77	42.44	1.79	45.32	1.82	47.57	1.86
	14	36.27	1.67	38.52	1.73	40.78	1.79	42.40	1.81	45.28	1.85	47.53	1.89
	20	36.24	1.69	38.49	1.75	40.75	1.82	42.37	1.84	45.25	1.88	47.50	1.91
	25	36.22	1.72	38.46	1.78	40.71	1.85	42.34	1.87	45.21	1.90	47.46	1.94
	30	36.19	1.74	38.44	1.80	40.68	1.87	42.31	1.89	45.18	1.93	47.43	1.97
	35	36.16	1.76	38.41	1.83	40.65	1.90	42.27	1.92	45.14	1.95	47.39	1.99
	40	36.13	1.79	38.38	1.86	40.62	1.92	42.24	1.95	45.11	1.98	47.35	2.02
	45	36.11	1.81	38.35	1.88	40.59	1.95	42.21	1.97	45.07	2.01	47.32	2.05
	50	36.08	1.84	38.32	1.91	40.56	1.97	42.18	2.00	45.04	2.03	47.28	2.07
	55	36.05	1.86	38.29	1.93	40.53	2.00	42.14	2.02	45.01	2.06	47.24	2.10
	60	36.02	1.89	38.26	1.95	40.50	2.02	42.11	2.05	44.97	2.09	47.21	2.13
	65	35.99	1.91	38.23	1.98	40.47	2.05	42.08	2.07	44.94	2.11	47.17	2.16
	70	35.97	1.93	38.20	2.00	40.43	2.08	42.05	2.10	44.90	2.14	47.14	2.19
	75	35.10	2.04	37.33	2.11	39.56	2.19	41.17	2.22	44.01	2.26	46.24	2.30
	80	34.24	2.14	36.46	2.22	38.68	2.30	40.29	2.32	43.13	2.37	45.35	2.42
	85	33.38	2.25	35.60	2.33	37.81	2.41	39.41	2.44	42.25	2.49	44.46	2.54
	90	32.52	2.35	34.73	2.44	36.94	2.53	38.54	2.55	41.37	2.60	43.58	2.65
	95	31.59	2.46	33.79	2.54	35.99	2.63	37.00	2.67	40.39	2.72	42.59	2.77
	100	30.82	2.56	33.02	2.65	35.22	2.75	36.52	2.78	39.62	2.83	41.82	2.89
	105	30.05	2.66	32.25	2.76	34.45	2.86	36.04	2.89	38.85	2.95	41.05	3.01
	110	29.28	2.77	31.48	2.87	33.68	2.97	35.27	3.01	38.08	3.06	40.28	3.12
	115	28.51	2.87	30.71	2.98	32.91	3.09	34.50	3.12	37.31	3.18	39.52	3.24
	118	28.05	2.93	30.25	3.04	32.45	3.15	34.04	3.19	36.85	3.25	39.05	3.31
	122	27.90	3.02	30.10	3.13	32.30	3.24	33.89	3.28	36.70	3.34	38.90	3.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Cooling Capacity Tables

Table 167: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	37.36	1.63	39.68	1.69	42.00	1.75	43.68	1.77	46.64	1.80	48.96	1.84
	0	37.34	1.65	39.66	1.71	41.98	1.77	43.65	1.79	46.61	1.82	48.93	1.86
	5	37.31	1.68	39.63	1.74	41.94	1.80	43.62	1.82	46.58	1.86	48.89	1.89
	10	37.28	1.70	39.59	1.76	41.91	1.83	43.58	1.85	46.54	1.88	48.86	1.92
	14	37.25	1.73	39.56	1.79	41.88	1.85	43.55	1.88	46.51	1.91	48.82	1.95
	20	37.22	1.75	39.53	1.81	41.85	1.88	43.52	1.90	46.47	1.94	48.78	1.98
	25	37.19	1.77	39.50	1.84	41.81	1.91	43.48	1.93	46.43	1.97	48.74	2.01
	30	37.17	1.80	39.47	1.87	41.78	1.94	43.45	1.96	46.40	1.99	48.71	2.03
	35	37.14	1.82	39.44	1.89	41.75	1.96	43.42	1.99	46.36	2.02	48.67	2.06
	40	37.11	1.85	39.41	1.92	41.72	1.99	43.38	2.01	46.33	2.05	48.63	2.09
	45	37.08	1.87	39.38	1.95	41.69	2.02	43.35	2.04	46.29	2.07	48.60	2.12
	50	37.05	1.90	39.35	1.97	41.65	2.04	43.32	2.06	46.26	2.10	48.56	2.14
	55	37.02	1.93	39.32	2.00	41.62	2.07	43.28	2.09	46.22	2.13	48.52	2.17
	60	37.00	1.95	39.29	2.02	41.59	2.09	43.25	2.12	46.19	2.16	48.48	2.20
	65	36.97	1.98	39.26	2.05	41.56	2.12	43.22	2.14	46.15	2.19	48.45	2.23
	70	36.94	2.00	39.23	2.07	41.53	2.15	43.18	2.17	46.12	2.21	48.41	2.26
	75	36.05	2.10	38.34	2.18	40.63	2.27	42.28	2.29	45.20	2.33	47.49	2.38
	80	35.16	2.22	37.44	2.30	39.73	2.38	41.38	2.40	44.29	2.45	46.57	2.50
	85	34.28	2.32	36.56	2.40	38.83	2.49	40.48	2.52	43.39	2.57	45.67	2.62
	90	33.40	2.43	35.67	2.52	37.94	2.61	39.58	2.64	42.48	2.69	44.76	2.74
	95	32.44	2.54	34.70	2.63	36.96	2.72	38.00	2.76	41.48	2.81	43.74	2.87
	100	31.65	2.65	33.91	2.74	36.17	2.84	37.51	2.88	40.69	2.93	42.95	2.99
	105	30.86	2.75	33.12	2.86	35.38	2.96	37.02	2.99	39.90	3.05	42.16	3.11
	110	30.07	2.86	32.33	2.96	34.59	3.07	36.23	3.11	39.11	3.17	41.37	3.23
	115	29.28	2.97	31.54	3.08	33.80	3.19	35.44	3.23	38.32	3.28	40.58	3.35
	118	28.81	3.03	31.07	3.15	33.33	3.26	34.96	3.29	37.85	3.36	40.11	3.43
	122	28.65	3.12	30.91	3.23	33.17	3.35	34.80	3.39	37.69	3.46	39.95	3.52
39	-4	38.34	1.69	40.72	1.75	43.10	1.81	44.82	1.83	47.87	1.87	50.25	1.90
	0	38.32	1.71	40.70	1.77	43.08	1.83	44.80	1.85	47.84	1.89	50.22	1.92
	5	38.29	1.74	40.67	1.80	43.05	1.86	44.76	1.88	47.80	1.92	50.18	1.96
	10	38.26	1.76	40.64	1.82	43.01	1.89	44.73	1.91	47.77	1.95	50.14	1.99
	14	38.23	1.78	40.61	1.85	42.98	1.92	44.70	1.94	47.73	1.98	50.10	2.02
	20	38.20	1.81	40.57	1.87	42.95	1.94	44.66	1.97	47.69	2.00	50.07	2.05
	25	38.17	1.83	40.54	1.90	42.91	1.97	44.63	2.00	47.66	2.03	50.03	2.07
	30	38.14	1.86	40.51	1.93	42.88	2.00	44.59	2.02	47.62	2.06	49.99	2.10
	35	38.11	1.88	40.48	1.96	42.85	2.03	44.56	2.05	47.58	2.09	49.95	2.13
	40	38.09	1.91	40.45	1.98	42.82	2.06	44.52	2.08	47.55	2.12	49.91	2.16
	45	38.06	1.94	40.42	2.01	42.78	2.08	44.49	2.11	47.51	2.14	49.87	2.19
	50	38.03	1.96	40.39	2.04	42.75	2.11	44.46	2.13	47.47	2.17	49.84	2.22
	55	38.00	1.99	40.36	2.06	42.72	2.14	44.42	2.16	47.44	2.20	49.80	2.24
	60	37.97	2.02	40.33	2.09	42.69	2.16	44.39	2.19	47.40	2.23	49.76	2.27
	65	37.94	2.04	40.30	2.11	42.65	2.19	44.35	2.22	47.36	2.26	49.72	2.30
	70	37.91	2.07	40.27	2.14	42.62	2.22	44.32	2.24	47.33	2.29	49.68	2.33
	75	37.00	2.18	39.35	2.26	41.70	2.34	43.39	2.37	46.39	2.41	48.74	2.46
	80	36.09	2.29	38.43	2.37	40.77	2.46	42.46	2.48	45.46	2.53	47.80	2.58
	85	35.18	2.40	37.52	2.49	39.86	2.58	41.54	2.61	44.53	2.66	46.87	2.71
	90	34.28	2.51	36.61	2.60	38.94	2.70	40.62	2.73	43.60	2.78	45.93	2.83
	95	33.30	2.62	35.62	2.72	37.94	2.81	39.00	2.85	42.58	2.90	44.89	2.96
	100	32.49	2.73	34.81	2.83	37.12	2.94	38.49	2.97	41.76	3.03	44.08	3.09
	105	31.67	2.84	33.99	2.95	36.31	3.06	37.99	3.09	40.95	3.15	43.27	3.21
	110	30.86	2.96	33.18	3.06	35.50	3.17	37.18	3.21	40.14	3.27	42.46	3.34
	115	30.05	3.07	32.37	3.18	34.69	3.30	36.37	3.33	39.33	3.39	41.65	3.46
	118	29.57	3.13	31.89	3.25	34.21	3.37	35.88	3.40	38.85	3.47	41.16	3.54
	122	29.40	3.22	31.72	3.34	34.04	3.46	35.72	3.50	38.68	3.57	41.00	3.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 168: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	39.33	1.74	41.77	1.81	44.21	1.87	45.97	1.89	49.09	1.93	51.54	1.96
	0	39.30	1.76	41.74	1.83	44.19	1.89	45.95	1.91	49.07	1.95	51.51	1.99
	5	39.27	1.79	41.71	1.86	44.15	1.92	45.91	1.94	49.03	1.98	51.47	2.02
	10	39.24	1.82	41.68	1.88	44.12	1.95	45.88	1.97	48.99	2.01	51.43	2.05
	14	39.21	1.84	41.65	1.91	44.08	1.98	45.84	2.00	48.95	2.04	51.39	2.08
	20	39.18	1.87	41.62	1.94	44.05	2.01	45.81	2.03	48.92	2.07	51.35	2.11
	25	39.15	1.90	41.58	1.96	44.02	2.04	45.77	2.06	48.88	2.10	51.31	2.14
	30	39.12	1.92	41.55	1.99	43.98	2.07	45.74	2.09	48.84	2.13	51.27	2.17
	35	39.09	1.95	41.52	2.02	43.95	2.09	45.70	2.12	48.80	2.16	51.23	2.20
	40	39.06	1.97	41.49	2.05	43.91	2.12	45.67	2.15	48.77	2.19	51.19	2.23
	45	39.03	2.00	41.46	2.08	43.88	2.15	45.63	2.18	48.73	2.21	51.15	2.26
	50	39.00	2.03	41.42	2.10	43.85	2.18	45.60	2.20	48.69	2.24	51.11	2.29
	55	38.97	2.05	41.39	2.13	43.81	2.21	45.56	2.23	48.65	2.27	51.07	2.32
	60	38.94	2.08	41.36	2.16	43.78	2.23	45.53	2.26	48.62	2.30	51.04	2.35
	65	38.91	2.11	41.33	2.18	43.75	2.26	45.49	2.29	48.58	2.33	51.00	2.38
	70	38.88	2.14	41.30	2.21	43.71	2.29	45.46	2.32	48.54	2.36	50.96	2.41
	75	37.95	2.25	40.36	2.33	42.76	2.42	44.50	2.45	47.58	2.49	49.99	2.54
	80	37.01	2.36	39.41	2.45	41.82	2.54	43.55	2.57	46.62	2.61	49.03	2.67
	85	36.08	2.48	38.48	2.57	40.88	2.66	42.61	2.69	45.67	2.74	48.07	2.80
	90	35.16	2.59	37.55	2.69	39.94	2.79	41.67	2.82	44.72	2.87	47.11	2.93
	95	34.15	2.71	36.53	2.81	38.91	2.91	40.00	2.94	43.67	3.00	46.05	3.06
	100	33.32	2.82	35.70	2.92	38.08	3.03	39.48	3.07	42.84	3.13	45.21	3.19
	105	32.49	2.94	34.87	3.05	37.25	3.16	38.96	3.19	42.00	3.25	44.38	3.32
41	110	31.66	3.05	34.03	3.17	36.41	3.28	38.13	3.32	41.17	3.38	43.55	3.45
	115	30.82	3.17	33.20	3.28	35.58	3.40	37.30	3.44	40.34	3.51	42.72	3.58
	118	30.32	3.24	32.70	3.36	35.08	3.48	36.80	3.52	39.84	3.58	42.22	3.65
	122	30.16	3.33	32.54	3.45	34.92	3.57	36.64	3.62	39.68	3.69	42.05	3.76
	-4	40.31	1.80	42.81	1.87	45.32	1.93	47.12	1.95	50.32	1.99	52.83	2.03
	0	40.29	1.82	42.79	1.89	45.29	1.95	47.10	1.97	50.29	2.01	52.80	2.05
	5	40.25	1.85	42.75	1.92	45.25	1.98	47.06	2.01	50.25	2.04	52.75	2.08
	10	40.22	1.88	42.72	1.94	45.22	2.01	47.02	2.03	50.21	2.07	52.71	2.12
	14	40.19	1.90	42.69	1.97	45.18	2.04	46.99	2.06	50.18	2.10	52.67	2.15
	20	40.16	1.93	42.66	2.00	45.15	2.07	46.95	2.09	50.14	2.14	52.63	2.18
	25	40.13	1.96	42.62	2.03	45.12	2.10	46.92	2.13	50.10	2.17	52.59	2.21
	30	40.10	1.98	42.59	2.05	45.08	2.13	46.88	2.16	50.06	2.20	52.55	2.24
	35	40.07	2.01	42.56	2.08	45.05	2.16	46.84	2.19	50.02	2.23	52.51	2.27
	40	40.04	2.04	42.53	2.11	45.01	2.19	46.81	2.22	49.99	2.26	52.47	2.30
	45	40.01	2.06	42.49	2.14	44.98	2.22	46.77	2.25	49.95	2.29	52.43	2.33
	50	39.98	2.09	42.46	2.17	44.94	2.25	46.74	2.28	49.91	2.32	52.39	2.36
	55	39.95	2.12	42.43	2.20	44.91	2.28	46.70	2.30	49.87	2.35	52.35	2.39
	60	39.92	2.15	42.40	2.23	44.87	2.31	46.66	2.33	49.83	2.38	52.31	2.42
	65	39.89	2.18	42.36	2.26	44.84	2.34	46.63	2.36	49.79	2.41	52.27	2.45
	70	39.85	2.20	42.33	2.28	44.81	2.36	46.59	2.39	49.76	2.44	52.23	2.49
	75	38.90	2.32	41.36	2.40	43.83	2.49	45.62	2.52	48.77	2.57	51.24	2.62
	80	37.94	2.44	40.40	2.53	42.86	2.62	44.64	2.65	47.79	2.70	50.25	2.75
	85	36.99	2.56	39.44	2.65	41.90	2.75	43.67	2.78	46.81	2.83	49.27	2.89
	90	36.04	2.68	38.49	2.77	40.94	2.88	42.71	2.91	45.84	2.96	48.29	3.02
	95	35.00	2.79	37.44	2.90	39.88	3.00	41.00	3.04	44.76	3.09	47.20	3.16
	100	34.15	2.92	36.59	3.02	39.03	3.13	40.47	3.17	43.91	3.23	46.34	3.29
	105	33.30	3.03	35.74	3.14	38.18	3.26	39.94	3.30	43.05	3.36	45.49	3.42
	110	32.45	3.15	34.89	3.27	37.32	3.38	39.09	3.42	42.20	3.49	44.64	3.56
	115	31.59	3.27	34.03	3.39	36.47	3.51	38.23	3.55	41.35	3.62	43.79	3.69
	118	31.08	3.34	33.52	3.46	35.96	3.59	37.72	3.63	40.84	3.70	43.28	3.77
	122	30.91	3.43	33.35	3.56	35.79	3.69	37.55	3.73	40.67	3.80	43.11	3.88

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 169: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	41.29	1.85	43.86	1.92	46.42	1.99	48.27	2.02	51.55	2.05	54.11	2.09
	0	41.27	1.87	43.83	1.95	46.40	2.02	48.25	2.04	51.52	2.08	54.08	2.12
	5	41.24	1.91	43.80	1.98	46.36	2.05	48.21	2.07	51.48	2.11	54.04	2.15
	10	41.20	1.94	43.76	2.01	46.32	2.08	48.17	2.10	51.44	2.14	54.00	2.18
	14	41.17	1.96	43.73	2.03	46.29	2.11	48.13	2.13	51.40	2.17	53.96	2.21
	20	41.14	1.99	43.70	2.06	46.25	2.14	48.10	2.16	51.36	2.20	53.92	2.25
	25	41.11	2.02	43.66	2.09	46.22	2.17	48.06	2.19	51.32	2.23	53.88	2.28
	30	41.08	2.05	43.63	2.12	46.18	2.20	48.02	2.22	51.28	2.27	53.83	2.31
	35	41.05	2.07	43.60	2.15	46.15	2.23	47.99	2.25	51.24	2.30	53.79	2.34
	40	41.02	2.10	43.56	2.18	46.11	2.26	47.95	2.29	51.20	2.33	53.75	2.38
	45	40.98	2.13	43.53	2.21	46.07	2.29	47.91	2.32	51.17	2.36	53.71	2.41
	50	40.95	2.16	43.50	2.24	46.04	2.32	47.88	2.35	51.13	2.39	53.67	2.44
	55	40.92	2.19	43.46	2.27	46.00	2.35	47.84	2.38	51.09	2.42	53.63	2.47
	60	40.89	2.21	43.43	2.30	45.97	2.38	47.80	2.41	51.05	2.45	53.59	2.50
	65	40.86	2.24	43.40	2.33	45.93	2.41	47.77	2.44	51.01	2.48	53.55	2.53
	70	40.83	2.27	43.36	2.36	45.90	2.44	47.73	2.47	50.97	2.51	53.50	2.56
	75	39.84	2.39	42.37	2.48	44.90	2.57	46.73	2.60	49.96	2.65	52.49	2.71
	80	38.86	2.51	41.39	2.61	43.91	2.71	45.73	2.74	48.95	2.79	51.48	2.84
	85	37.89	2.64	40.41	2.74	42.92	2.83	44.74	2.86	47.96	2.92	50.47	2.98
	90	36.91	2.76	39.43	2.86	41.94	2.97	43.75	3.00	46.96	3.06	49.47	3.12
	95	35.86	2.88	38.36	2.99	40.85	3.10	42.00	3.13	45.85	3.19	48.35	3.25
	100	34.98	3.01	37.48	3.12	39.98	3.23	41.46	3.27	44.98	3.33	47.47	3.40
	105	34.11	3.13	36.61	3.24	39.11	3.36	40.91	3.40	44.10	3.46	46.60	3.53
	110	33.24	3.25	35.74	3.37	38.23	3.49	40.04	3.53	43.23	3.60	45.73	3.67
	115	32.37	3.37	34.86	3.50	37.36	3.62	39.17	3.67	42.36	3.74	44.86	3.81
	118	31.84	3.45	34.34	3.57	36.84	3.70	38.64	3.75	41.83	3.82	44.33	3.89
	122	31.67	3.54	34.16	3.67	36.66	3.81	38.47	3.85	41.66	3.92	44.16	4.00
43	-4	42.27	1.91	44.90	1.98	47.53	2.06	49.42	2.08	52.78	2.12	55.40	2.16
	0	42.25	1.93	44.88	2.00	47.50	2.08	49.40	2.10	52.75	2.14	55.37	2.18
	5	42.22	1.96	44.84	2.04	47.46	2.11	49.35	2.14	52.70	2.17	55.33	2.22
	10	42.18	1.99	44.80	2.07	47.42	2.14	49.32	2.17	52.66	2.21	55.28	2.25
	14	42.15	2.02	44.77	2.10	47.39	2.17	49.28	2.20	52.62	2.24	55.24	2.28
	20	42.12	2.05	44.74	2.13	47.35	2.20	49.24	2.23	52.58	2.27	55.20	2.32
	25	42.09	2.08	44.70	2.16	47.32	2.23	49.20	2.26	52.54	2.30	55.16	2.35
	30	42.06	2.11	44.67	2.19	47.28	2.26	49.17	2.29	52.50	2.33	55.12	2.38
	35	42.02	2.14	44.63	2.22	47.24	2.30	49.13	2.32	52.46	2.37	55.07	2.42
	40	41.99	2.17	44.60	2.24	47.21	2.33	49.09	2.36	52.42	2.40	55.03	2.45
	45	41.96	2.20	44.57	2.27	47.17	2.36	49.05	2.39	52.38	2.43	54.99	2.48
	50	41.93	2.22	44.53	2.31	47.14	2.39	49.02	2.42	52.34	2.47	54.95	2.51
	55	41.90	2.25	44.50	2.34	47.10	2.42	48.98	2.45	52.30	2.50	54.91	2.55
	60	41.86	2.28	44.46	2.37	47.06	2.46	48.94	2.48	52.26	2.53	54.86	2.58
	65	41.83	2.31	44.43	2.40	47.03	2.49	48.90	2.51	52.22	2.56	54.82	2.61
	70	41.80	2.34	44.40	2.43	46.99	2.52	48.87	2.54	52.18	2.59	54.78	2.64
	75	40.79	2.47	43.38	2.56	45.97	2.65	47.84	2.68	51.15	2.73	53.74	2.79
	80	39.79	2.59	42.37	2.69	44.95	2.79	46.82	2.82	50.12	2.87	52.70	2.93
	85	38.79	2.72	41.37	2.82	43.94	2.92	45.80	2.96	49.10	3.01	51.67	3.07
	90	37.79	2.85	40.36	2.95	42.93	3.06	44.79	3.09	48.07	3.15	50.65	3.22
	95	36.71	2.97	39.27	3.08	41.83	3.20	43.00	3.23	46.94	3.29	49.50	3.36
	100	35.82	3.10	38.38	3.21	40.93	3.33	42.44	3.37	46.05	3.43	48.61	3.50
	105	34.92	3.23	37.48	3.34	40.04	3.46	41.89	3.51	45.15	3.57	47.71	3.64
	110	34.03	3.35	36.59	3.47	39.14	3.60	40.99	3.64	44.26	3.71	46.82	3.78
	115	33.14	3.48	35.69	3.61	38.25	3.73	40.10	3.78	43.37	3.85	45.92	3.93
	118	32.60	3.56	35.16	3.68	37.71	3.82	39.56	3.86	42.83	3.94	45.39	4.01
	122	32.42	3.66	34.98	3.79	37.54	3.93	39.38	3.97	42.65	4.05	45.21	4.13

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 170: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	43.26	1.97	45.94	2.04	48.63	2.12	50.57	2.14	54.00	2.18	56.69	2.23
	0	43.23	1.99	45.92	2.06	48.60	2.14	50.54	2.17	53.97	2.21	56.66	2.25
	5	43.20	2.02	45.88	2.10	48.56	2.18	50.50	2.20	53.93	2.24	56.61	2.29
	10	43.17	2.05	45.85	2.13	48.53	2.21	50.46	2.23	53.89	2.27	56.57	2.32
	14	43.13	2.08	45.81	2.16	48.49	2.24	50.43	2.27	53.85	2.31	56.53	2.35
	20	43.10	2.12	45.78	2.19	48.45	2.27	50.39	2.30	53.81	2.34	56.48	2.39
	25	43.07	2.15	45.74	2.22	48.42	2.30	50.35	2.33	53.77	2.37	56.44	2.42
	30	43.03	2.18	45.71	2.25	48.38	2.33	50.31	2.36	53.72	2.40	56.40	2.45
	35	43.00	2.21	45.67	2.28	48.34	2.37	50.27	2.39	53.68	2.44	56.35	2.49
	40	42.97	2.24	45.64	2.31	48.31	2.40	50.23	2.43	53.64	2.47	56.31	2.52
	45	42.94	2.26	45.60	2.35	48.27	2.43	50.19	2.46	53.60	2.51	56.27	2.56
	50	42.90	2.29	45.57	2.38	48.23	2.46	50.16	2.49	53.56	2.54	56.23	2.59
	55	42.87	2.32	45.53	2.41	48.19	2.50	50.12	2.53	53.52	2.57	56.18	2.63
	60	42.84	2.35	45.50	2.44	48.16	2.53	50.08	2.56	53.48	2.61	56.14	2.66
	65	42.80	2.38	45.46	2.47	48.12	2.56	50.04	2.59	53.44	2.64	56.10	2.69
	70	42.77	2.41	45.43	2.50	48.08	2.60	50.00	2.62	53.40	2.67	56.05	2.72
	75	41.74	2.55	44.39	2.64	47.04	2.73	48.96	2.76	52.34	2.81	54.99	2.87
	80	40.71	2.67	43.36	2.77	46.00	2.87	47.91	2.91	51.29	2.96	53.93	3.02
	85	39.69	2.80	42.33	2.91	44.97	3.01	46.87	3.05	50.24	3.10	52.88	3.16
	90	38.67	2.94	41.30	3.04	43.93	3.15	45.83	3.19	49.19	3.25	51.82	3.31
	95	37.57	3.06	40.18	3.17	42.80	3.29	44.00	3.33	48.03	3.39	50.65	3.46
	100	36.65	3.19	39.27	3.31	41.88	3.43	43.43	3.47	47.12	3.53	49.74	3.61
45	105	35.74	3.33	38.35	3.45	40.97	3.57	42.86	3.61	46.20	3.68	48.82	3.76
	110	34.82	3.45	37.44	3.58	40.06	3.71	41.95	3.76	45.29	3.83	47.91	3.90
	115	33.91	3.58	36.52	3.72	39.14	3.85	41.03	3.89	44.37	3.97	46.99	4.05
	118	33.36	3.66	35.97	3.80	38.59	3.93	40.48	3.98	43.83	4.05	46.44	4.14
	122	33.17	3.77	35.79	3.90	38.41	4.05	40.30	4.09	43.64	4.17	46.26	4.25
	-4	44.24	2.03	46.99	2.10	49.74	2.18	51.72	2.21	55.23	2.25	57.98	2.29
	0	44.22	2.05	46.96	2.13	49.71	2.20	51.69	2.23	55.20	2.27	57.95	2.32
	5	44.18	2.08	46.92	2.16	49.67	2.24	51.65	2.27	55.16	2.31	57.90	2.36
	10	44.15	2.11	46.89	2.19	49.63	2.28	51.61	2.30	55.11	2.34	57.86	2.39
	14	44.11	2.15	46.85	2.23	49.59	2.31	51.57	2.34	55.07	2.38	57.81	2.42
	20	44.08	2.18	46.82	2.26	49.55	2.34	51.53	2.37	55.03	2.41	57.77	2.46
	25	44.05	2.21	46.78	2.29	49.52	2.37	51.49	2.40	54.99	2.44	57.72	2.49
	30	44.01	2.24	46.75	2.32	49.48	2.41	51.45	2.43	54.95	2.48	57.68	2.53
	35	43.98	2.27	46.71	2.35	49.44	2.44	51.41	2.47	54.90	2.51	57.64	2.56
	40	43.95	2.30	46.67	2.39	49.40	2.47	51.37	2.50	54.86	2.55	57.59	2.60
	45	43.91	2.33	46.64	2.42	49.37	2.50	51.34	2.53	54.82	2.58	57.55	2.63
	50	43.88	2.36	46.60	2.45	49.33	2.54	51.30	2.57	54.78	2.62	57.50	2.67
	55	43.84	2.39	46.57	2.48	49.29	2.57	51.26	2.60	54.74	2.65	57.46	2.70
	60	43.81	2.42	46.53	2.51	49.25	2.60	51.22	2.63	54.69	2.69	57.41	2.74
	65	43.78	2.45	46.50	2.54	49.21	2.64	51.18	2.67	54.65	2.72	57.37	2.77
	70	43.74	2.48	46.46	2.58	49.18	2.67	51.14	2.70	54.61	2.75	57.33	2.81
	75	42.69	2.62	45.40	2.72	48.11	2.82	50.07	2.85	53.53	2.90	56.24	2.96
	80	41.64	2.76	44.34	2.85	47.04	2.96	49.00	2.99	52.45	3.05	55.15	3.11
	85	40.59	2.89	43.29	2.99	45.99	3.10	47.94	3.14	51.38	3.20	54.08	3.26
	90	39.55	3.02	42.24	3.13	44.93	3.25	46.87	3.28	50.31	3.34	53.00	3.41
	95	38.42	3.16	41.10	3.27	43.77	3.39	45.00	3.43	49.13	3.49	51.80	3.57
	100	37.48	3.29	40.16	3.41	42.84	3.54	44.42	3.58	48.19	3.64	50.87	3.71
	105	36.55	3.42	39.22	3.55	41.90	3.68	43.83	3.72	47.25	3.79	49.93	3.87
	110	35.61	3.56	38.29	3.69	40.97	3.82	42.90	3.87	46.32	3.94	48.99	4.02
	115	34.68	3.69	37.35	3.83	40.03	3.97	41.96	4.01	45.38	4.09	48.06	4.17
	118	34.12	3.77	36.79	3.91	39.47	4.05	41.40	4.10	44.82	4.17	47.50	4.26
	122	33.93	3.88	36.60	4.02	39.28	4.17	41.21	4.21	44.63	4.29	47.31	4.38

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 171: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	45.22	2.09	48.03	2.17	50.84	2.24	52.87	2.27	56.46	2.31	59.27	2.36
	0	45.20	2.11	48.01	2.19	50.81	2.27	52.84	2.30	56.43	2.34	59.24	2.39
	5	45.16	2.15	47.97	2.22	50.77	2.31	52.80	2.33	56.38	2.38	59.19	2.43
	10	45.13	2.18	47.93	2.26	50.73	2.34	52.76	2.37	56.34	2.41	59.14	2.46
	14	45.09	2.21	47.89	2.29	50.69	2.38	52.72	2.40	56.30	2.45	59.10	2.50
	20	45.06	2.24	47.86	2.32	50.66	2.41	52.68	2.44	56.25	2.48	59.05	2.53
	25	45.02	2.27	47.82	2.36	50.62	2.45	52.64	2.47	56.21	2.52	59.01	2.57
	30	44.99	2.31	47.78	2.39	50.58	2.48	52.60	2.51	56.17	2.55	58.96	2.60
	35	44.96	2.34	47.75	2.42	50.54	2.51	52.56	2.54	56.12	2.59	58.92	2.64
	40	44.92	2.37	47.71	2.46	50.50	2.55	52.52	2.57	56.08	2.62	58.87	2.67
	45	44.89	2.40	47.68	2.49	50.46	2.58	52.48	2.61	56.04	2.66	58.83	2.71
	50	44.85	2.43	47.64	2.52	50.42	2.61	52.44	2.64	56.00	2.69	58.78	2.75
	55	44.82	2.47	47.60	2.56	50.39	2.65	52.40	2.68	55.95	2.73	58.74	2.78
	60	44.78	2.50	47.57	2.59	50.35	2.68	52.36	2.71	55.91	2.76	58.69	2.82
	65	44.75	2.53	47.53	2.62	50.31	2.71	52.32	2.75	55.87	2.80	58.65	2.86
	70	44.72	2.56	47.49	2.65	50.27	2.75	52.28	2.78	55.82	2.83	58.60	2.89
	75	43.64	2.70	46.41	2.80	49.18	2.90	51.18	2.93	54.72	2.99	57.49	3.05
	80	42.56	2.84	45.33	2.94	48.09	3.05	50.09	3.08	53.62	3.14	56.38	3.20
	85	41.50	2.97	44.25	3.08	47.01	3.19	49.00	3.23	52.52	3.29	55.28	3.36
	90	40.43	3.11	43.18	3.22	45.93	3.35	47.92	3.38	51.43	3.45	54.18	3.51
	95	39.27	3.25	42.01	3.37	44.74	3.49	46.00	3.53	50.22	3.60	52.95	3.67
	100	38.32	3.39	41.05	3.51	43.79	3.64	45.40	3.68	49.26	3.75	52.00	3.83
	105	37.36	3.52	40.10	3.65	42.83	3.79	44.81	3.83	48.30	3.90	51.04	3.98
	110	36.40	3.66	39.14	3.80	41.88	3.94	43.85	3.98	47.35	4.05	50.08	4.14
	115	35.45	3.80	38.18	3.94	40.92	4.08	42.90	4.13	46.39	4.21	49.13	4.29
	118	34.87	3.89	37.61	4.02	40.35	4.17	42.32	4.22	45.82	4.30	48.55	4.39
	122	34.68	3.99	37.42	4.14	40.15	4.29	42.13	4.34	45.63	4.42	48.36	4.51
47	-4	46.21	2.15	49.08	2.23	51.95	2.31	54.02	2.34	57.69	2.38	60.56	2.43
	0	46.18	2.18	49.05	2.25	51.92	2.34	53.99	2.36	57.65	2.41	60.52	2.45
	5	46.14	2.21	49.01	2.29	51.88	2.37	53.95	2.40	57.61	2.45	60.47	2.50
	10	46.11	2.24	48.97	2.32	51.84	2.41	53.90	2.44	57.56	2.48	60.43	2.53
	14	46.07	2.28	48.94	2.36	51.80	2.44	53.86	2.47	57.52	2.52	60.38	2.57
	20	46.04	2.31	48.90	2.39	51.76	2.48	53.82	2.51	57.48	2.56	60.33	2.61
	25	46.00	2.34	48.86	2.42	51.72	2.51	53.78	2.54	57.43	2.59	60.29	2.65
	30	45.97	2.37	48.82	2.46	51.68	2.55	53.74	2.58	57.39	2.63	60.24	2.68
	35	45.93	2.40	48.79	2.49	51.64	2.59	53.70	2.62	57.34	2.67	60.20	2.72
	40	45.90	2.44	48.75	2.53	51.60	2.62	53.66	2.65	57.30	2.70	60.15	2.75
	45	45.86	2.47	48.71	2.56	51.56	2.66	53.62	2.69	57.26	2.74	60.10	2.79
	50	45.83	2.50	48.67	2.60	51.52	2.69	53.58	2.72	57.21	2.77	60.06	2.83
	55	45.79	2.54	48.64	2.63	51.48	2.73	53.53	2.76	57.17	2.81	60.01	2.86
	60	45.76	2.57	48.60	2.66	51.44	2.76	53.49	2.79	57.12	2.84	59.97	2.90
	65	45.72	2.60	48.56	2.70	51.40	2.79	53.45	2.83	57.08	2.88	59.92	2.94
	70	45.69	2.64	48.52	2.73	51.36	2.83	53.41	2.86	57.04	2.92	59.87	2.97
	75	44.59	2.78	47.42	2.88	50.25	2.98	52.29	3.02	55.91	3.08	58.74	3.14
	80	43.49	2.92	46.31	3.03	49.14	3.14	51.17	3.17	54.78	3.23	57.61	3.29
	85	42.40	3.06	45.22	3.17	48.03	3.29	50.07	3.32	53.66	3.39	56.48	3.46
	90	41.31	3.20	44.12	3.32	46.93	3.44	48.96	3.48	52.55	3.55	55.36	3.62
	95	40.13	3.34	42.92	3.47	45.72	3.60	47.00	3.64	51.31	3.70	54.10	3.78
	100	39.15	3.49	41.94	3.62	44.74	3.74	46.39	3.79	50.33	3.86	53.13	3.94
	105	38.17	3.63	40.97	3.76	43.76	3.90	45.78	3.94	49.35	4.02	52.15	4.10
	110	37.20	3.77	39.99	3.91	42.79	4.05	44.80	4.10	48.38	4.17	51.17	4.26
	115	36.22	3.91	39.01	4.06	41.81	4.20	43.83	4.25	47.40	4.33	50.20	4.42
	118	35.63	4.00	38.43	4.14	41.22	4.29	43.24	4.34	46.81	4.43	49.61	4.52
	122	35.44	4.11	38.23	4.26	41.03	4.42	43.05	4.47	46.62	4.55	49.41	4.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 172: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	46.62	2.75	49.52	2.85	52.42	2.95	54.51	2.99	58.21	3.04	61.11	3.10
	80	46.58	2.79	49.48	2.89	52.38	3.00	54.47	3.04	58.17	3.08	61.07	3.14
	85	46.54	2.83	49.44	2.93	52.34	3.04	54.43	3.08	58.13	3.12	61.03	3.18
	90	46.50	2.87	49.40	2.97	52.30	3.08	54.39	3.12	58.09	3.16	60.99	3.22
	95	46.46	2.91	49.36	3.01	52.26	3.12	54.35	3.16	58.05	3.20	60.95	3.26
	100	46.42	2.95	49.32	3.05	52.22	3.16	54.31	3.20	58.01	3.24	60.91	3.30
49	105	46.38	2.99	49.28	3.09	52.18	3.20	54.27	3.24	57.97	3.28	60.87	3.34
	110	46.34	3.03	49.24	3.13	52.14	3.24	54.23	3.28	57.93	3.32	60.83	3.38
	115	46.30	3.07	49.20	3.17	52.10	3.28	54.19	3.32	57.89	3.36	60.79	3.42
	118	46.26	3.11	49.16	3.21	52.06	3.32	54.15	3.36	57.85	3.40	60.75	3.46
	122	46.22	3.15	49.12	3.25	52.02	3.36	54.11	3.40	57.81	3.44	60.71	3.50
	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	46.62	2.75	49.52	2.85	52.42	2.95	54.51	2.99	58.21	3.04	61.11	3.10
	80	46.58	2.79	49.48	2.89	52.38	3.00	54.47	3.04	58.17	3.08	61.07	3.14
	85	46.54	2.83	49.44	2.93	52.34	3.04	54.43	3.08	58.13	3.12	61.03	3.18
	90	46.50	2.87	49.40	2.97	52.30	3.08	54.39	3.12	58.09	3.16	60.99	3.22
	95	46.46	2.91	49.36	3.01	52.26	3.12	54.35	3.16	58.05	3.20	60.95	3.26
	100	46.42	2.95	49.32	3.05	52.22	3.16	54.31	3.20	58.01	3.24	60.91	3.30
	105	46.38	2.99	49.28	3.09	52.18	3.20	54.27	3.24	57.97	3.28	60.87	3.34
	110	46.34	3.03	49.24	3.13	52.14	3.24	54.23	3.28	57.93	3.32	60.83	3.38
	115	46.30	3.07	49.20	3.17	52.10	3.28	54.19	3.32	57.89	3.36	60.79	3.42
	118	46.26	3.11	49.16	3.21	52.06	3.32	54.15	3.36	57.85	3.40	60.75	3.46
	122	46.22	3.15	49.12	3.25	52.02	3.36	54.11	3.40	57.81	3.44	60.71	3.50

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 173: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78
51	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

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KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 174: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
52	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78
53	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 175: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78
55	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 176: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
56	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78
57	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 177: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
58	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78
59	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 178: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78
61	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 179: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
62	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78
63	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 180: KUMXA481A Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
64	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
65	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78
	-4	47.19	2.21	50.12	2.30	53.05	2.38	55.17	2.41	58.91	2.45	61.84	2.50
	0	47.16	2.24	50.09	2.32	53.02	2.40	55.14	2.43	58.88	2.48	61.81	2.53
	5	47.13	2.28	50.05	2.36	52.98	2.44	55.09	2.47	58.83	2.52	61.76	2.57
	10	47.09	2.31	50.01	2.39	52.94	2.48	55.05	2.51	58.79	2.55	61.71	2.60
	14	47.05	2.34	49.98	2.43	52.90	2.51	55.01	2.54	58.74	2.59	61.67	2.64
	20	47.02	2.38	49.94	2.46	52.86	2.55	54.97	2.58	58.70	2.63	61.62	2.68
	25	46.98	2.41	49.90	2.50	52.82	2.58	54.93	2.62	58.65	2.67	61.57	2.72
	30	46.95	2.44	49.86	2.53	52.78	2.62	54.88	2.65	58.61	2.70	61.52	2.76
	35	46.91	2.47	49.82	2.56	52.74	2.66	54.84	2.69	58.56	2.74	61.48	2.80
	40	46.87	2.51	49.79	2.60	52.70	2.70	54.80	2.73	58.52	2.78	61.43	2.84
	45	46.84	2.54	49.75	2.63	52.66	2.73	54.76	2.76	58.47	2.82	61.38	2.87
	50	46.80	2.57	49.71	2.67	52.62	2.77	54.72	2.80	58.43	2.85	61.34	2.91
	55	46.77	2.61	49.67	2.71	52.58	2.81	54.67	2.84	58.38	2.89	61.29	2.95
	60	46.73	2.64	49.63	2.74	52.54	2.84	54.63	2.87	58.34	2.93	61.24	2.98
	65	46.70	2.68	49.60	2.78	52.50	2.88	54.59	2.91	58.30	2.96	61.20	3.02
	70	46.66	2.71	49.56	2.81	52.46	2.91	54.55	2.95	58.25	3.00	61.15	3.06
	75	45.54	2.86	48.43	2.96	51.32	3.07	53.41	3.10	57.10	3.16	59.99	3.23
	80	44.41	3.00	47.30	3.11	50.18	3.23	52.26	3.26	55.95	3.33	58.83	3.39
	85	43.30	3.15	46.18	3.26	49.05	3.38	51.13	3.42	54.81	3.49	57.68	3.55
	90	42.19	3.30	45.06	3.42	47.93	3.54	50.00	3.58	53.66	3.65	56.53	3.72
	95	40.98	3.44	43.84	3.56	46.69	3.70	48.00	3.74	52.40	3.81	55.25	3.89
	100	39.98	3.58	42.84	3.72	45.69	3.86	47.38	3.90	51.40	3.97	54.26	4.05
	105	38.98	3.73	41.84	3.87	44.69	4.01	46.76	4.06	50.40	4.13	53.26	4.22
	110	37.99	3.88	40.84	4.02	43.70	4.17	45.76	4.22	49.41	4.30	52.26	4.38
	115	36.99	4.02	39.84	4.17	42.70	4.33	44.76	4.38	48.41	4.46	51.26	4.54
	118	36.39	4.11	39.24	4.26	42.10	4.42	44.16	4.47	47.81	4.55	50.66	4.64
	122	36.19	4.23	39.05	4.39	41.90	4.54	43.96	4.59	47.61	4.68	50.46	4.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F WITH LGRED MAXIMUM COOLING CAPACITY TABLES

Multi F KUMXA181A on page 287

Multi F KUMXA241A on page 296

Multi F KUMXA301A on page 325

Table 1: KUMXA181A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7 + 7	-4	16.52	1.03	17.54	1.07	18.57	1.11	19.31	1.12	20.62	1.15	21.65	1.17
		0	16.51	1.05	17.53	1.08	18.56	1.12	19.30	1.14	20.61	1.16	21.63	1.18
		5	16.49	1.06	17.52	1.10	18.54	1.14	19.28	1.16	20.59	1.18	21.62	1.20
		10	16.48	1.08	17.51	1.12	22.83	1.16	23.06	1.17	20.58	1.19	21.60	1.22
		14	16.47	1.09	17.49	1.13	18.51	1.18	19.25	1.19	20.56	1.21	21.58	1.24
		20	16.46	1.11	17.48	1.15	18.50	1.19	19.24	1.21	20.54	1.23	21.57	1.25
		25	16.44	1.13	17.47	1.17	18.49	1.21	19.22	1.22	20.53	1.25	21.55	1.27
		30	16.43	1.14	17.45	1.18	18.47	1.23	19.21	1.24	20.51	1.26	21.53	1.29
		35	16.42	1.16	17.44	1.20	18.46	1.24	19.19	1.26	20.50	1.28	21.52	1.31
		40	16.41	1.17	17.43	1.22	18.44	1.26	19.18	1.27	20.48	1.30	21.50	1.32
		45	16.39	1.19	17.41	1.23	18.43	1.28	19.17	1.29	20.47	1.32	21.48	1.34
		50	16.38	1.20	17.40	1.25	18.42	1.29	19.15	1.31	20.45	1.33	21.47	1.36
		55	16.37	1.22	17.39	1.26	18.40	1.31	19.14	1.33	20.43	1.35	21.45	1.38
		60	16.36	1.24	17.37	1.28	18.39	1.33	19.12	1.34	20.42	1.37	21.43	1.40
		65	16.34	1.25	17.36	1.30	18.37	1.34	19.11	1.36	20.40	1.39	21.42	1.41
		70	16.33	1.27	17.35	1.31	18.36	1.36	19.09	1.38	20.39	1.40	21.40	1.43
		75	15.94	1.34	16.95	1.38	17.96	1.44	18.69	1.45	19.98	1.48	21.00	1.51
		80	15.54	1.40	16.55	1.46	17.56	1.51	18.29	1.53	19.58	1.55	20.59	1.59
		85	15.16	1.47	16.16	1.53	17.17	1.58	17.90	1.60	19.18	1.63	20.19	1.66
		90	14.77	1.54	15.77	1.60	16.77	1.66	17.50	1.67	18.78	1.71	19.79	1.74
		95	14.34	1.61	15.34	1.67	16.34	1.73	16.80	1.75	18.34	1.78	19.34	1.82
		100	14.17	1.68	15.19	1.74	16.20	1.80	16.73	1.82	18.23	1.86	19.24	1.89
		105	14.01	1.75	15.03	1.81	16.06	1.88	16.65	1.90	18.12	1.93	19.14	1.97
		110	13.84	1.81	14.88	1.88	15.92	1.95	16.58	1.97	18.00	2.01	19.05	2.05
		115	13.67	1.88	14.72	1.95	15.78	2.02	16.51	2.05	17.89	2.08	18.95	2.13
		118	13.57	1.92	14.63	1.99	15.69	2.07	16.46	2.09	17.82	2.13	18.89	2.17
		122	13.53	1.98	14.60	2.05	15.67	2.13	16.45	2.15	17.80	2.19	18.87	2.23
	7 + 9	-4	18.88	1.07	20.05	1.11	21.22	1.15	22.07	1.16	23.57	1.18	24.74	1.21
		0	18.87	1.08	20.04	1.12	21.21	1.16	22.06	1.17	23.55	1.20	24.72	1.22
		5	18.85	1.10	20.02	1.14	21.19	1.18	22.04	1.19	23.53	1.22	24.70	1.24
		10	18.84	1.11	20.01	1.15	21.18	1.20	22.02	1.21	23.52	1.23	24.69	1.26
		14	18.82	1.13	19.99	1.17	21.16	1.21	22.00	1.23	23.50	1.25	24.67	1.28
		20	18.81	1.15	19.98	1.19	21.14	1.23	21.99	1.25	23.48	1.27	24.65	1.29
		25	18.79	1.16	19.96	1.21	21.13	1.25	21.97	1.26	23.46	1.29	24.63	1.31
		30	18.78	1.18	19.94	1.22	21.11	1.27	21.95	1.28	23.44	1.31	24.61	1.33
		35	18.76	1.20	19.93	1.24	21.09	1.28	21.94	1.30	23.43	1.32	24.59	1.35
		40	18.75	1.21	19.91	1.26	21.08	1.30	21.92	1.32	23.41	1.34	24.57	1.37
		45	18.74	1.23	19.90	1.27	21.06	1.32	21.90	1.33	23.39	1.36	24.55	1.39
		50	18.72	1.24	19.88	1.29	21.05	1.34	21.89	1.35	23.37	1.38	24.53	1.40
		55	18.71	1.26	19.87	1.31	21.03	1.35	21.87	1.37	23.35	1.40	24.52	1.42
		60	18.69	1.28	19.85	1.32	21.01	1.37	21.85	1.39	23.34	1.41	24.50	1.44
		65	18.68	1.29	19.84	1.34	21.00	1.39	21.84	1.40	23.32	1.43	24.48	1.46
		70	18.66	1.31	19.82	1.36	20.98	1.41	21.82	1.42	23.30	1.45	24.46	1.48
		75	18.21	1.38	19.37	1.43	20.53	1.48	21.36	1.50	22.84	1.53	24.00	1.56
		80	17.77	1.45	18.92	1.50	20.07	1.56	20.91	1.58	22.38	1.61	23.53	1.64
		85	17.32	1.52	18.47	1.58	19.62	1.63	20.45	1.65	21.92	1.68	23.07	1.72
		90	16.88	1.59	18.02	1.65	19.17	1.71	20.00	1.73	21.47	1.76	22.61	1.80
		95	16.39	1.66	17.53	1.72	18.68	1.79	19.20	1.81	20.96	1.84	22.10	1.88
		100	16.20	1.73	17.36	1.80	18.52	1.86	19.12	1.88	20.83	1.92	21.99	1.96
		105	16.01	1.80	17.18	1.87	18.35	1.94	19.03	1.96	20.70	2.00	21.88	2.04
		110	15.81	1.87	17.00	1.94	18.19	2.01	18.95	2.04	20.58	2.07	21.77	2.12
		115	15.62	1.94	16.83	2.02	18.03	2.09	18.87	2.11	20.45	2.15	21.65	2.20
		118	15.50	1.99	16.72	2.06	17.94	2.13	18.82	2.16	20.37	2.20	21.59	2.24
		122	15.47	2.04	16.69	2.12	17.90	2.20	18.80	2.22	20.35	2.26	21.56	2.31

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA181A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 2: KUMXA181A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	-4	19.64	1.10	20.86	1.14	22.08	1.18	22.96	1.20	24.52	1.22	25.74	1.24
		0	19.63	1.11	20.85	1.15	22.07	1.20	22.95	1.21	24.51	1.23	25.73	1.26
		5	19.62	1.13	20.83	1.17	22.05	1.22	22.93	1.23	24.49	1.25	25.71	1.28
		10	19.60	1.15	20.82	1.19	22.04	1.23	22.92	1.25	24.47	1.27	25.69	1.30
		14	19.59	1.17	20.80	1.21	22.02	1.25	22.90	1.27	24.45	1.29	25.67	1.32
		20	19.57	1.18	20.79	1.23	22.00	1.27	22.88	1.28	24.43	1.31	25.65	1.33
		25	19.56	1.20	20.77	1.24	21.99	1.29	22.86	1.30	24.41	1.33	25.63	1.35
		30	19.54	1.22	20.76	1.26	21.97	1.31	22.85	1.32	24.40	1.35	25.61	1.37
		35	19.53	1.23	20.74	1.28	21.95	1.32	22.83	1.34	24.38	1.36	25.59	1.39
		40	19.51	1.25	20.72	1.29	21.94	1.34	22.81	1.36	24.36	1.38	25.57	1.41
		45	19.50	1.27	20.71	1.31	21.92	1.36	22.79	1.38	24.34	1.40	25.55	1.43
		50	19.48	1.28	20.69	1.33	21.90	1.38	22.78	1.39	24.32	1.42	25.53	1.45
		55	19.47	1.30	20.68	1.35	21.88	1.40	22.76	1.41	24.30	1.44	25.51	1.47
		60	19.45	1.32	20.66	1.36	21.87	1.41	22.74	1.43	24.28	1.46	25.49	1.49
		65	19.44	1.33	20.64	1.38	21.85	1.43	22.72	1.45	24.27	1.48	25.47	1.51
		70	19.42	1.35	20.63	1.40	21.83	1.45	22.71	1.47	24.25	1.49	25.45	1.52
		75	18.95	1.42	20.16	1.47	21.36	1.53	22.23	1.55	23.77	1.57	24.97	1.61
		80	18.49	1.50	19.69	1.55	20.89	1.61	21.75	1.62	23.29	1.66	24.49	1.69
		85	18.02	1.57	19.22	1.63	20.42	1.68	21.28	1.70	22.81	1.74	24.01	1.77
		90	17.56	1.64	18.76	1.70	19.95	1.76	20.81	1.78	22.34	1.82	23.53	1.85
		95	17.06	1.71	18.25	1.78	19.43	1.84	19.98	1.86	21.81	1.90	23.00	1.94
		100	16.86	1.79	18.06	1.85	19.27	1.92	19.89	1.94	21.68	1.98	22.88	2.02
		105	16.66	1.86	17.88	1.93	19.10	2.00	19.81	2.02	21.55	2.06	22.77	2.10
		110	16.46	1.93	17.69	2.00	18.93	2.08	19.72	2.10	21.41	2.14	22.65	2.18
		115	16.25	2.00	17.51	2.08	18.77	2.15	19.63	2.18	21.28	2.22	22.53	2.26
		118	16.13	2.05	17.40	2.12	18.67	2.20	19.58	2.23	21.20	2.27	22.46	2.31
		122	16.09	2.11	17.36	2.18	18.63	2.26	19.56	2.29	21.17	2.33	22.44	2.38
	7 + 12	-4	19.64	1.10	20.86	1.14	22.08	1.18	22.96	1.20	24.52	1.22	25.74	1.24
		0	19.63	1.11	20.85	1.15	22.07	1.20	22.95	1.21	24.51	1.23	25.73	1.26
		5	19.62	1.13	20.83	1.17	22.05	1.22	22.93	1.23	24.49	1.25	25.71	1.28
		10	19.60	1.15	20.82	1.19	22.04	1.23	22.92	1.25	24.47	1.27	25.69	1.30
		14	19.59	1.17	20.80	1.21	22.02	1.25	22.90	1.27	24.45	1.29	25.67	1.32
		20	19.57	1.18	20.79	1.23	22.00	1.27	22.88	1.28	24.43	1.31	25.65	1.33
		25	19.56	1.20	20.77	1.24	21.99	1.29	22.86	1.30	24.41	1.33	25.63	1.35
		30	19.54	1.22	20.76	1.26	21.97	1.31	22.85	1.32	24.40	1.35	25.61	1.37
		35	19.53	1.23	20.74	1.28	21.95	1.32	22.83	1.34	24.38	1.36	25.59	1.39
		40	19.51	1.25	20.72	1.29	21.94	1.34	22.81	1.36	24.36	1.38	25.57	1.41
		45	19.50	1.27	20.71	1.31	21.92	1.36	22.79	1.38	24.34	1.40	25.55	1.43
		50	19.48	1.28	20.69	1.33	21.90	1.38	22.78	1.39	24.32	1.42	25.53	1.45
		55	19.47	1.30	20.68	1.35	21.88	1.40	22.76	1.41	24.30	1.44	25.51	1.47
		60	19.45	1.32	20.66	1.36	21.87	1.41	22.74	1.43	24.28	1.46	25.49	1.49
		65	19.44	1.33	20.64	1.38	21.85	1.43	22.72	1.45	24.27	1.48	25.47	1.51
		70	19.42	1.35	20.63	1.40	21.83	1.45	22.71	1.47	24.25	1.49	25.45	1.52
		75	18.95	1.42	20.16	1.47	21.36	1.53	22.23	1.55	23.77	1.57	24.97	1.61
		80	18.49	1.50	19.69	1.55	20.89	1.61	21.75	1.62	23.29	1.66	24.49	1.69
		85	18.02	1.57	19.22	1.63	20.42	1.68	21.28	1.70	22.81	1.74	24.01	1.77
		90	17.56	1.64	18.76	1.70	19.95	1.76	20.81	1.78	22.34	1.82	23.53	1.85
		95	17.06	1.71	18.25	1.78	19.43	1.84	19.98	1.86	21.81	1.90	23.00	1.94
		100	16.86	1.79	18.06	1.85	19.27	1.92	19.89	1.94	21.68	1.98	22.88	2.02
		105	16.66	1.86	17.88	1.93	19.10	2.00	19.81	2.02	21.55	2.06	22.77	2.10
		110	16.46	1.93	17.69	2.00	18.93	2.08	19.72	2.10	21.41	2.14	22.65	2.18
		115	16.25	2.00	17.51	2.08	18.77	2.15	19.63	2.18	21.28	2.22	22.53	2.26
		118	16.13	2.05	17.40	2.12	18.67	2.20	19.58	2.23	21.20	2.27	22.46	2.31
		122	16.09	2.11	17.36	2.18	18.63	2.26	19.56	2.29	21.17	2.33	22.44	2.38

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 3: KUMXA181A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 12	-4	19.64	1.10	20.86	1.14	22.08	1.18	22.96	1.20	24.52	1.22	25.74	1.24
		0	19.63	1.11	20.85	1.15	22.07	1.20	22.95	1.21	24.51	1.23	25.73	1.26
		5	19.62	1.13	20.83	1.17	22.05	1.22	22.93	1.23	24.49	1.25	25.71	1.28
		10	19.60	1.15	20.82	1.19	22.04	1.23	22.92	1.25	24.47	1.27	25.69	1.30
		14	19.59	1.17	20.80	1.21	22.02	1.25	22.90	1.27	24.45	1.29	25.67	1.32
		20	19.57	1.18	20.79	1.23	22.00	1.27	22.88	1.28	24.43	1.31	25.65	1.33
		25	19.56	1.20	20.77	1.24	21.99	1.29	22.86	1.30	24.41	1.33	25.63	1.35
		30	19.54	1.22	20.76	1.26	21.97	1.31	22.85	1.32	24.40	1.35	25.61	1.37
		35	19.53	1.23	20.74	1.28	21.95	1.32	22.83	1.34	24.38	1.36	25.59	1.39
		40	19.51	1.25	20.72	1.29	21.94	1.34	22.81	1.36	24.36	1.38	25.57	1.41
		45	19.50	1.27	20.71	1.31	21.92	1.36	22.79	1.38	24.34	1.40	25.55	1.43
		50	19.48	1.28	20.69	1.33	21.90	1.38	22.78	1.39	24.32	1.42	25.53	1.45
		55	19.47	1.30	20.68	1.35	21.88	1.40	22.76	1.41	24.30	1.44	25.51	1.47
		60	19.45	1.32	20.66	1.36	21.87	1.41	22.74	1.43	24.28	1.46	25.49	1.49
		65	19.44	1.33	20.64	1.38	21.85	1.43	22.72	1.45	24.27	1.48	25.47	1.51
		70	19.42	1.35	20.63	1.40	21.83	1.45	22.71	1.47	24.25	1.49	25.45	1.52
		75	18.95	1.42	20.16	1.47	21.36	1.53	22.23	1.55	23.77	1.57	24.97	1.61
		80	18.49	1.50	19.69	1.55	20.89	1.61	21.75	1.62	23.29	1.66	24.49	1.69
		85	18.02	1.57	19.22	1.63	20.42	1.68	21.28	1.70	22.81	1.74	24.01	1.77
		90	17.56	1.64	18.76	1.70	19.95	1.76	20.81	1.78	22.34	1.82	23.53	1.85
		95	17.06	1.71	18.25	1.78	19.43	1.84	19.98	1.86	21.81	1.90	23.00	1.94
		100	16.86	1.79	18.06	1.85	19.27	1.92	19.89	1.94	21.68	1.98	22.88	2.02
		105	16.66	1.86	17.88	1.93	19.10	2.00	19.81	2.02	21.55	2.06	22.77	2.10
		110	16.46	1.93	17.69	2.00	18.93	2.08	19.72	2.10	21.41	2.14	22.65	2.18
		115	16.25	2.00	17.51	2.08	18.77	2.15	19.63	2.18	21.28	2.22	22.53	2.26
		118	16.13	2.05	17.40	2.12	18.67	2.20	19.58	2.23	21.20	2.27	22.46	2.31
		122	16.09	2.11	17.36	2.18	18.63	2.26	19.56	2.29	21.17	2.33	22.44	2.38
	7 + 15	-4	19.64	1.10	20.86	1.14	22.08	1.18	22.96	1.20	24.52	1.22	25.74	1.24
		0	19.63	1.11	20.85	1.15	22.07	1.20	22.95	1.21	24.51	1.23	25.73	1.26
		5	19.62	1.13	20.83	1.17	22.05	1.22	22.93	1.23	24.49	1.25	25.71	1.28
		10	19.60	1.15	20.82	1.19	22.04	1.23	22.92	1.25	24.47	1.27	25.69	1.30
		14	19.59	1.17	20.80	1.21	22.02	1.25	22.90	1.27	24.45	1.29	25.67	1.32
		20	19.57	1.18	20.79	1.23	22.00	1.27	22.88	1.28	24.43	1.31	25.65	1.33
		25	19.56	1.20	20.77	1.24	21.99	1.29	22.86	1.30	24.41	1.33	25.63	1.35
		30	19.54	1.22	20.76	1.26	21.97	1.31	22.85	1.32	24.40	1.35	25.61	1.37
		35	19.53	1.23	20.74	1.28	21.95	1.32	22.83	1.34	24.38	1.36	25.59	1.39
		40	19.51	1.25	20.72	1.29	21.94	1.34	22.81	1.36	24.36	1.38	25.57	1.41
		45	19.50	1.27	20.71	1.31	21.92	1.36	22.79	1.38	24.34	1.40	25.55	1.43
		50	19.48	1.28	20.69	1.33	21.90	1.38	22.78	1.39	24.32	1.42	25.53	1.45
		55	19.47	1.30	20.68	1.35	21.88	1.40	22.76	1.41	24.30	1.44	25.51	1.47
		60	19.45	1.32	20.66	1.36	21.87	1.41	22.74	1.43	24.28	1.46	25.49	1.49
		65	19.44	1.33	20.64	1.38	21.85	1.43	22.72	1.45	24.27	1.48	25.47	1.51
		70	19.42	1.35	20.63	1.40	21.83	1.45	22.71	1.47	24.25	1.49	25.45	1.52
		75	18.95	1.42	20.16	1.47	21.36	1.53	22.23	1.55	23.77	1.57	24.97	1.61
		80	18.49	1.50	19.69	1.55	20.89	1.61	21.75	1.62	23.29	1.66	24.49	1.69
		85	18.02	1.57	19.22	1.63	20.42	1.68	21.28	1.70	22.81	1.74	24.01	1.77
		90	17.56	1.64	18.76	1.70	19.95	1.76	20.81	1.78	22.34	1.82	23.53	1.85
		95	17.06	1.71	18.25	1.78	19.43	1.84	19.98	1.86	21.81	1.90	23.00	1.94
		100	16.86	1.79	18.06	1.85	19.27	1.92	19.89	1.94	21.68	1.98	22.88	2.02
		105	16.66	1.86	17.88	1.93	19.10	2.00	19.81	2.02	21.55	2.06	22.77	2.10
		110	16.46	1.93	17.69	2.00	18.93	2.08	19.72	2.10	21.41	2.14	22.65	2.18
		115	16.25	2.00	17.51	2.08	18.77	2.15	19.63	2.18	21.28	2.22	22.53	2.26
		118	16.13	2.05	17.40	2.12	18.67	2.20	19.58	2.23	21.20	2.27	22.46	2.31
		122	16.09	2.11	17.36	2.18	18.63	2.26	19.56	2.29	21.17	2.33	22.44	2.38

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA181A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 4: KUMXA181A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 15	-4	19.64	1.10	20.86	1.14	22.08	1.18	22.96	1.20	24.52	1.22	25.74	1.24
		0	19.63	1.11	20.85	1.15	22.07	1.20	22.95	1.21	24.51	1.23	25.73	1.26
		5	19.62	1.13	20.83	1.17	22.05	1.22	22.93	1.23	24.49	1.25	25.71	1.28
		10	19.60	1.15	20.82	1.19	22.04	1.23	22.92	1.25	24.47	1.27	25.69	1.30
		14	19.59	1.17	20.80	1.21	22.02	1.25	22.90	1.27	24.45	1.29	25.67	1.32
		20	19.57	1.18	20.79	1.23	22.00	1.27	22.88	1.28	24.43	1.31	25.65	1.33
		25	19.56	1.20	20.77	1.24	21.99	1.29	22.86	1.30	24.41	1.33	25.63	1.35
		30	19.54	1.22	20.76	1.26	21.97	1.31	22.85	1.32	24.40	1.35	25.61	1.37
		35	19.53	1.23	20.74	1.28	21.95	1.32	22.83	1.34	24.38	1.36	25.59	1.39
		40	19.51	1.25	20.72	1.29	21.94	1.34	22.81	1.36	24.36	1.38	25.57	1.41
		45	19.50	1.27	20.71	1.31	21.92	1.36	22.79	1.38	24.34	1.40	25.55	1.43
		50	19.48	1.28	20.69	1.33	21.90	1.38	22.78	1.39	24.32	1.42	25.53	1.45
		55	19.47	1.30	20.68	1.35	21.88	1.40	22.76	1.41	24.30	1.44	25.51	1.47
		60	19.45	1.32	20.66	1.36	21.87	1.41	22.74	1.43	24.28	1.46	25.49	1.49
		65	19.44	1.33	20.64	1.38	21.85	1.43	22.72	1.45	24.27	1.48	25.47	1.51
		70	19.42	1.35	20.63	1.40	21.83	1.45	22.71	1.47	24.25	1.49	25.45	1.52
		75	18.95	1.42	20.16	1.47	21.36	1.53	22.23	1.55	23.77	1.57	24.97	1.61
		80	18.49	1.50	19.69	1.55	20.89	1.61	21.75	1.62	23.29	1.66	24.49	1.69
		85	18.02	1.57	19.22	1.63	20.42	1.68	21.28	1.70	22.81	1.74	24.01	1.77
		90	17.56	1.64	18.76	1.70	19.95	1.76	20.81	1.78	22.34	1.82	23.53	1.85
		95	17.06	1.71	18.25	1.78	19.43	1.84	19.98	1.86	21.81	1.90	23.00	1.94
		100	16.86	1.79	18.06	1.85	19.27	1.92	19.89	1.94	21.68	1.98	22.88	2.02
		105	16.66	1.86	17.88	1.93	19.10	2.00	19.81	2.02	21.55	2.06	22.77	2.10
		110	16.46	1.93	17.69	2.00	18.93	2.08	19.72	2.10	21.41	2.14	22.65	2.18
		115	16.25	2.00	17.51	2.08	18.77	2.15	19.63	2.18	21.28	2.22	22.53	2.26
		118	16.13	2.05	17.40	2.12	18.67	2.20	19.58	2.23	21.20	2.27	22.46	2.31
		122	16.09	2.11	17.36	2.18	18.63	2.26	19.56	2.29	21.17	2.33	22.44	2.38
	12 + 12	-4	19.64	1.10	20.86	1.14	22.08	1.18	22.96	1.20	24.52	1.22	25.74	1.24
		0	19.63	1.11	20.85	1.15	22.07	1.20	22.95	1.21	24.51	1.23	25.73	1.26
		5	19.62	1.13	20.83	1.17	22.05	1.22	22.93	1.23	24.49	1.25	25.71	1.28
		10	19.60	1.15	20.82	1.19	22.04	1.23	22.92	1.25	24.47	1.27	25.69	1.30
		14	19.59	1.17	20.80	1.21	22.02	1.25	22.90	1.27	24.45	1.29	25.67	1.32
		20	19.57	1.18	20.79	1.23	22.00	1.27	22.88	1.28	24.43	1.31	25.65	1.33
		25	19.56	1.20	20.77	1.24	21.99	1.29	22.86	1.30	24.41	1.33	25.63	1.35
		30	19.54	1.22	20.76	1.26	21.97	1.31	22.85	1.32	24.40	1.35	25.61	1.37
		35	19.53	1.23	20.74	1.28	21.95	1.32	22.83	1.34	24.38	1.36	25.59	1.39
		40	19.51	1.25	20.72	1.29	21.94	1.34	22.81	1.36	24.36	1.38	25.57	1.41
		45	19.50	1.27	20.71	1.31	21.92	1.36	22.79	1.38	24.34	1.40	25.55	1.43
		50	19.48	1.28	20.69	1.33	21.90	1.38	22.78	1.39	24.32	1.42	25.53	1.45
		55	19.47	1.30	20.68	1.35	21.88	1.40	22.76	1.41	24.30	1.44	25.51	1.47
		60	19.45	1.32	20.66	1.36	21.87	1.41	22.74	1.43	24.28	1.46	25.49	1.49
		65	19.44	1.33	20.64	1.38	21.85	1.43	22.72	1.45	24.27	1.48	25.47	1.51
		70	19.42	1.35	20.63	1.40	21.83	1.45	22.71	1.47	24.25	1.49	25.45	1.52
		75	18.95	1.42	20.16	1.47	21.36	1.53	22.23	1.55	23.77	1.57	24.97	1.61
		80	18.49	1.50	19.69	1.55	20.89	1.61	21.75	1.62	23.29	1.66	24.49	1.69
		85	18.02	1.57	19.22	1.63	20.42	1.68	21.28	1.70	22.81	1.74	24.01	1.77
		90	17.56	1.64	18.76	1.70	19.95	1.76	20.81	1.78	22.34	1.82	23.53	1.85
		95	17.06	1.71	18.25	1.78	19.43	1.84	19.98	1.86	21.81	1.90	23.00	1.94
		100	16.86	1.79	18.06	1.85	19.27	1.92	19.89	1.94	21.68	1.98	22.88	2.02
		105	16.66	1.86	17.88	1.93	19.10	2.00	19.81	2.02	21.55	2.06	22.77	2.10
		110	16.46	1.93	17.69	2.00	18.93	2.08	19.72	2.10	21.41	2.14	22.65	2.18
		115	16.25	2.00	17.51	2.08	18.77	2.15	19.63	2.18	21.28	2.22	22.53	2.26
		118	16.13	2.05	17.40	2.12	18.67	2.20	19.58	2.23	21.20	2.27	22.46	2.31
		122	16.09	2.11	17.36	2.18	18.63	2.26	19.56	2.29	21.17	2.33	22.44	2.38

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 5: KUMXA181A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	-4	18.68	1.18	19.84	1.23	21.00	1.27	21.84	1.29	23.32	1.31	24.48	1.34
		0	18.67	1.20	19.83	1.24	20.99	1.29	21.83	1.30	23.31	1.33	24.47	1.35
		5	18.65	1.22	19.81	1.26	20.97	1.31	21.81	1.32	23.29	1.35	24.45	1.37
		10	18.64	1.23	19.80	1.28	20.96	1.33	21.79	1.34	23.27	1.37	24.43	1.39
		14	18.63	1.25	19.78	1.30	20.94	1.35	21.77	1.36	23.25	1.39	24.41	1.41
		20	18.61	1.27	19.77	1.32	20.92	1.37	21.76	1.38	23.23	1.41	24.39	1.44
		25	18.60	1.29	19.75	1.34	20.91	1.38	21.74	1.40	23.22	1.43	24.37	1.46
		30	18.58	1.31	19.74	1.35	20.89	1.40	21.72	1.42	23.20	1.45	24.35	1.48
		35	18.57	1.32	19.72	1.37	20.88	1.42	21.71	1.44	23.18	1.47	24.33	1.50
		40	18.55	1.34	19.71	1.39	20.86	1.44	21.69	1.46	23.16	1.49	24.32	1.52
		45	18.54	1.36	19.69	1.41	20.84	1.46	21.67	1.48	23.15	1.51	24.30	1.54
		50	18.53	1.38	19.68	1.43	20.83	1.48	21.66	1.50	23.13	1.53	24.28	1.56
		55	18.51	1.40	19.66	1.45	20.81	1.50	21.64	1.52	23.11	1.55	24.26	1.58
		60	18.50	1.41	19.65	1.47	20.80	1.52	21.63	1.54	23.09	1.57	24.24	1.60
		65	18.48	1.43	19.63	1.49	20.78	1.54	21.61	1.56	23.08	1.59	24.22	1.62
		70	18.47	1.45	19.62	1.50	20.76	1.56	21.59	1.58	23.06	1.61	24.20	1.64
		75	18.02	1.53	19.17	1.58	20.31	1.64	21.14	1.66	22.60	1.69	23.75	1.73
		80	17.58	1.61	18.72	1.67	19.86	1.73	20.69	1.75	22.15	1.78	23.29	1.82
		85	17.14	1.69	18.28	1.75	19.42	1.81	20.24	1.83	21.69	1.87	22.83	1.90
		90	16.70	1.76	17.84	1.83	18.97	1.90	19.79	1.92	21.24	1.95	22.38	1.99
		95	16.22	1.84	17.35	1.91	18.48	1.98	19.00	2.00	20.74	2.04	21.87	2.08
		100	16.03	1.92	17.18	1.99	18.32	2.06	18.92	2.09	20.62	2.13	21.76	2.17
		105	15.84	2.00	17.00	2.07	18.16	2.15	18.83	2.17	20.49	2.21	21.65	2.26
		110	15.65	2.08	16.83	2.15	18.00	2.23	18.75	2.26	20.36	2.30	21.54	2.35
		115	15.46	2.16	16.65	2.23	17.85	2.32	18.67	2.34	20.24	2.39	21.43	2.43
		118	15.34	2.20	16.55	2.28	17.75	2.37	18.62	2.39	20.16	2.44	21.36	2.49
		122	15.30	2.26	16.51	2.35	17.72	2.43	18.60	2.46	20.13	2.51	21.34	2.56
	9 + 12*	-4	18.68	1.18	19.84	1.23	21.00	1.27	21.84	1.29	23.32	1.31	24.48	1.34
		0	18.67	1.20	19.83	1.24	20.99	1.29	21.83	1.30	23.31	1.33	24.47	1.35
		5	18.65	1.22	19.81	1.26	20.97	1.31	21.81	1.32	23.29	1.35	24.45	1.37
		10	18.64	1.23	19.80	1.28	20.96	1.33	21.79	1.34	23.27	1.37	24.43	1.39
		14	18.63	1.25	19.78	1.30	20.94	1.35	21.77	1.36	23.25	1.39	24.41	1.41
		20	18.61	1.27	19.77	1.32	20.92	1.37	21.76	1.38	23.23	1.41	24.39	1.44
		25	18.60	1.29	19.75	1.34	20.91	1.38	21.74	1.40	23.22	1.43	24.37	1.46
		30	18.58	1.31	19.74	1.35	20.89	1.40	21.72	1.42	23.20	1.45	24.35	1.48
		35	18.57	1.32	19.72	1.37	20.88	1.42	21.71	1.44	23.18	1.47	24.33	1.50
		40	18.55	1.34	19.71	1.39	20.86	1.44	21.69	1.46	23.16	1.49	24.32	1.52
		45	18.54	1.36	19.69	1.41	20.84	1.46	21.67	1.48	23.15	1.51	24.30	1.54
		50	18.53	1.38	19.68	1.43	20.83	1.48	21.66	1.50	23.13	1.53	24.28	1.56
		55	18.51	1.40	19.66	1.45	20.81	1.50	21.64	1.52	23.11	1.55	24.26	1.58
		60	18.50	1.41	19.65	1.47	20.80	1.52	21.63	1.54	23.09	1.57	24.24	1.60
		65	18.48	1.43	19.63	1.49	20.78	1.54	21.61	1.56	23.08	1.59	24.22	1.62
		70	18.47	1.45	19.62	1.50	20.76	1.56	21.59	1.58	23.06	1.61	24.20	1.64
		75	18.02	1.53	19.17	1.58	20.31	1.64	21.14	1.66	22.60	1.69	23.75	1.73
		80	17.58	1.61	18.72	1.67	19.86	1.73	20.69	1.75	22.15	1.78	23.29	1.82
		85	17.14	1.69	18.28	1.75	19.42	1.81	20.24	1.83	21.69	1.87	22.83	1.90
		90	16.70	1.76	17.84	1.83	18.97	1.90	19.79	1.92	21.24	1.95	22.38	1.99
		95	16.22	1.84	17.35	1.91	18.48	1.98	19.00	2.00	20.74	2.04	21.87	2.08
		100	16.03	1.92	17.18	1.99	18.32	2.06	18.92	2.09	20.62	2.13	21.76	2.17
		105	15.84	2.00	17.00	2.07	18.16	2.15	18.83	2.17	20.49	2.21	21.65	2.26
		110	15.65	2.08	16.83	2.15	18.00	2.23	18.75	2.26	20.36	2.30	21.54	2.35
		115	15.46	2.16	16.65	2.23	17.85	2.32	18.67	2.34	20.24	2.39	21.43	2.43
		118	15.34	2.20	16.55	2.28	17.75	2.37	18.62	2.39	20.16	2.44	21.36	2.49
		122	15.30	2.26	16.51	2.35	17.72	2.43	18.60	2.46	20.13	2.51	21.34	2.56

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA181A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 6: KUMXA181A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12* + 12*	-4	18.68	1.18	19.84	1.23	21.00	1.27	21.84	1.29	23.32	1.31	24.48	1.34
		0	18.67	1.20	19.83	1.24	20.99	1.29	21.83	1.30	23.31	1.33	24.47	1.35
		5	18.65	1.22	19.81	1.26	20.97	1.31	21.81	1.32	23.29	1.35	24.45	1.37
		10	18.64	1.23	19.80	1.28	20.96	1.33	21.79	1.34	23.27	1.37	24.43	1.39
		14	18.63	1.25	19.78	1.30	20.94	1.35	21.77	1.36	23.25	1.39	24.41	1.41
		20	18.61	1.27	19.77	1.32	20.92	1.37	21.76	1.38	23.23	1.41	24.39	1.44
		25	18.60	1.29	19.75	1.34	20.91	1.38	21.74	1.40	23.22	1.43	24.37	1.46
		30	18.58	1.31	19.74	1.35	20.89	1.40	21.72	1.42	23.20	1.45	24.35	1.48
		35	18.57	1.32	19.72	1.37	20.88	1.42	21.71	1.44	23.18	1.47	24.33	1.50
		40	18.55	1.34	19.71	1.39	20.86	1.44	21.69	1.46	23.16	1.49	24.32	1.52
		45	18.54	1.36	19.69	1.41	20.84	1.46	21.67	1.48	23.15	1.51	24.30	1.54
		50	18.53	1.38	19.68	1.43	20.83	1.48	21.66	1.50	23.13	1.53	24.28	1.56
		55	18.51	1.40	19.66	1.45	20.81	1.50	21.64	1.52	23.11	1.55	24.26	1.58
		60	18.50	1.41	19.65	1.47	20.80	1.52	21.63	1.54	23.09	1.57	24.24	1.60
		65	18.48	1.43	19.63	1.49	20.78	1.54	21.61	1.56	23.08	1.59	24.22	1.62
		70	18.47	1.45	19.62	1.50	20.76	1.56	21.59	1.58	23.06	1.61	24.20	1.64
		75	18.02	1.53	19.17	1.58	20.31	1.64	21.14	1.66	22.60	1.69	23.75	1.73
		80	17.58	1.61	18.72	1.67	19.86	1.73	20.69	1.75	22.15	1.78	23.29	1.82
		85	17.14	1.69	18.28	1.75	19.42	1.81	20.24	1.83	21.69	1.87	22.83	1.90
		90	16.70	1.76	17.84	1.83	18.97	1.90	19.79	1.92	21.24	1.95	22.38	1.99
		95	16.22	1.84	17.35	1.91	18.48	1.98	19.00	2.00	20.74	2.04	21.87	2.08
		100	16.03	1.92	17.18	1.99	18.32	2.06	18.92	2.09	20.62	2.13	21.76	2.17
		105	15.84	2.00	17.00	2.07	18.16	2.15	18.83	2.17	20.49	2.21	21.65	2.26
		110	15.65	2.08	16.83	2.15	18.00	2.23	18.75	2.26	20.36	2.30	21.54	2.35
		115	15.46	2.16	16.65	2.23	17.85	2.32	18.67	2.34	20.24	2.39	21.43	2.43
		118	15.34	2.20	16.55	2.28	17.75	2.37	18.62	2.39	20.16	2.44	21.36	2.49
		122	15.30	2.26	16.51	2.35	17.72	2.43	18.60	2.46	20.13	2.51	21.34	2.56

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 7: KUMXA181A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 9	-4	18.68	1.11	19.84	1.15	21.00	1.19	21.84	1.20	23.32	1.22	24.48	1.25
		0	18.67	1.12	19.83	1.16	20.99	1.20	21.83	1.21	23.31	1.24	24.47	1.26
		5	18.65	1.14	19.81	1.18	20.97	1.22	21.81	1.23	23.29	1.26	24.45	1.28
		10	18.64	1.15	19.80	1.19	20.96	1.24	21.79	1.25	23.27	1.28	24.43	1.30
		14	18.63	1.17	19.78	1.21	20.94	1.26	21.77	1.27	23.25	1.29	24.41	1.32
		20	18.61	1.19	19.77	1.23	20.92	1.27	21.76	1.29	23.23	1.31	24.39	1.34
		25	18.60	1.20	19.75	1.25	20.91	1.29	21.74	1.31	23.22	1.33	24.37	1.36
		30	18.58	1.22	19.74	1.26	20.89	1.31	21.72	1.33	23.20	1.35	24.35	1.38
		35	18.57	1.24	19.72	1.28	20.88	1.33	21.71	1.34	23.18	1.37	24.33	1.40
		40	18.55	1.25	19.71	1.30	20.86	1.35	21.69	1.36	23.16	1.39	24.32	1.42
		45	18.54	1.27	19.69	1.32	20.84	1.36	21.67	1.38	23.15	1.41	24.30	1.43
		50	18.53	1.29	19.68	1.33	20.83	1.38	21.66	1.40	23.13	1.42	24.28	1.45
		55	18.51	1.30	19.66	1.35	20.81	1.40	21.64	1.42	23.11	1.44	24.26	1.47
		60	18.50	1.32	19.65	1.37	20.80	1.42	21.63	1.43	23.09	1.46	24.24	1.49
		65	18.48	1.34	19.63	1.39	20.78	1.44	21.61	1.45	23.08	1.48	24.22	1.51
		70	18.47	1.35	19.62	1.40	20.76	1.45	21.59	1.47	23.06	1.50	24.20	1.53
		75	18.02	1.43	19.17	1.48	20.31	1.53	21.14	1.55	22.60	1.58	23.75	1.61
		80	17.58	1.50	18.72	1.55	19.86	1.61	20.69	1.63	22.15	1.66	23.29	1.69
		85	17.14	1.57	18.28	1.63	19.42	1.69	20.24	1.71	21.69	1.74	22.83	1.78
		90	16.70	1.65	17.84	1.71	18.97	1.77	19.79	1.79	21.24	1.82	22.38	1.86
		95	16.22	1.72	17.35	1.78	18.48	1.85	19.00	1.87	20.74	1.90	21.87	1.94
		100	16.03	1.79	17.18	1.86	18.32	1.93	18.92	1.95	20.62	1.98	21.76	2.02
		105	15.84	1.86	17.00	1.93	18.16	2.00	18.83	2.03	20.49	2.06	21.65	2.11
		110	15.65	1.94	16.83	2.01	18.00	2.08	18.75	2.11	20.36	2.15	21.54	2.19
		115	15.46	2.01	16.65	2.08	17.85	2.16	18.67	2.19	20.24	2.23	21.43	2.27
		118	15.34	2.05	16.55	2.13	17.75	2.21	18.62	2.23	20.16	2.27	21.36	2.32
		122	15.30	2.11	16.51	2.19	17.72	2.27	18.60	2.30	20.13	2.34	21.34	2.39
	9 + 9	-4	18.68	1.14	19.84	1.18	21.00	1.23	21.84	1.24	23.32	1.27	24.48	1.29
		0	18.67	1.16	19.83	1.20	20.99	1.24	21.83	1.26	23.31	1.28	24.47	1.31
		5	18.65	1.17	19.81	1.22	20.97	1.26	21.81	1.28	23.29	1.30	24.45	1.33
		10	18.64	1.19	19.80	1.24	20.96	1.28	21.79	1.30	23.27	1.32	24.43	1.35
		14	18.63	1.21	19.78	1.25	20.94	1.30	21.77	1.31	23.25	1.34	24.41	1.37
		20	18.61	1.23	19.77	1.27	20.92	1.32	21.76	1.33	23.23	1.36	24.39	1.39
		25	18.60	1.24	19.75	1.29	20.91	1.34	21.74	1.35	23.22	1.38	24.37	1.40
		30	18.58	1.26	19.74	1.31	20.89	1.35	21.72	1.37	23.20	1.40	24.35	1.42
		35	18.57	1.28	19.72	1.33	20.88	1.37	21.71	1.39	23.18	1.42	24.33	1.44
		40	18.55	1.30	19.71	1.34	20.86	1.39	21.69	1.41	23.16	1.43	24.32	1.46
		45	18.54	1.31	19.69	1.36	20.84	1.41	21.67	1.43	23.15	1.45	24.30	1.48
		50	18.53	1.33	19.68	1.38	20.83	1.43	21.66	1.45	23.13	1.47	24.28	1.50
		55	18.51	1.35	19.66	1.40	20.81	1.45	21.64	1.46	23.11	1.49	24.26	1.52
		60	18.50	1.37	19.65	1.42	20.80	1.47	21.63	1.48	23.09	1.51	24.24	1.54
		65	18.48	1.38	19.63	1.43	20.78	1.49	21.61	1.50	23.08	1.53	24.22	1.56
		70	18.47	1.40	19.62	1.45	20.76	1.50	21.59	1.52	23.06	1.55	24.20	1.58
		75	18.02	1.48	19.17	1.53	20.31	1.59	21.14	1.60	22.60	1.63	23.75	1.67
		80	17.58	1.55	18.72	1.61	19.86	1.67	20.69	1.69	22.15	1.72	23.29	1.75
		85	17.14	1.63	18.28	1.69	19.42	1.75	20.24	1.77	21.69	1.80	22.83	1.84
		90	16.70	1.70	17.84	1.76	18.97	1.83	19.79	1.85	21.24	1.88	22.38	1.92
		95	16.22	1.78	17.35	1.84	18.48	1.91	19.00	1.93	20.74	1.97	21.87	2.01
		100	16.03	1.85	17.18	1.92	18.32	1.99	18.92	2.01	20.62	2.05	21.76	2.09
		105	15.84	1.93	17.00	2.00	18.16	2.07	18.83	2.10	20.49	2.14	21.65	2.18
		110	15.65	2.00	16.83	2.08	18.00	2.15	18.75	2.18	20.36	2.22	21.54	2.26
		115	15.46	2.08	16.65	2.16	17.85	2.23	18.67	2.26	20.24	2.30	21.43	2.35
		118	15.34	2.13	16.55	2.20	17.75	2.28	18.62	2.31	20.16	2.35	21.36	2.40
		122	15.30	2.19	16.51	2.27	17.72	2.35	18.60	2.38	20.13	2.42	21.34	2.47

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA181A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 8: KUMXA181A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 12	-4	18.68	1.14	19.84	1.18	21.00	1.23	21.84	1.24	23.32	1.27	24.48	1.29
		0	18.67	1.16	19.83	1.20	20.99	1.24	21.83	1.26	23.31	1.28	24.47	1.31
		5	18.65	1.17	19.81	1.22	20.97	1.26	21.81	1.28	23.29	1.30	24.45	1.33
		10	18.64	1.19	19.80	1.24	20.96	1.28	21.79	1.30	23.27	1.32	24.43	1.35
		14	18.63	1.21	19.78	1.25	20.94	1.30	21.77	1.31	23.25	1.34	24.41	1.37
		20	18.61	1.23	19.77	1.27	20.92	1.32	21.76	1.33	23.23	1.36	24.39	1.39
		25	18.60	1.24	19.75	1.29	20.91	1.34	21.74	1.35	23.22	1.38	24.37	1.40
		30	18.58	1.26	19.74	1.31	20.89	1.35	21.72	1.37	23.20	1.40	24.35	1.42
		35	18.57	1.28	19.72	1.33	20.88	1.37	21.71	1.39	23.18	1.42	24.33	1.44
		40	18.55	1.30	19.71	1.34	20.86	1.39	21.69	1.41	23.16	1.43	24.32	1.46
		45	18.54	1.31	19.69	1.36	20.84	1.41	21.67	1.43	23.15	1.45	24.30	1.48
		50	18.53	1.33	19.68	1.38	20.83	1.43	21.66	1.45	23.13	1.47	24.28	1.50
		55	18.51	1.35	19.66	1.40	20.81	1.45	21.64	1.46	23.11	1.49	24.26	1.52
		60	18.50	1.37	19.65	1.42	20.80	1.47	21.63	1.48	23.09	1.51	24.24	1.54
		65	18.48	1.38	19.63	1.43	20.78	1.49	21.61	1.50	23.08	1.53	24.22	1.56
		70	18.47	1.40	19.62	1.45	20.76	1.50	21.59	1.52	23.06	1.55	24.20	1.58
		75	18.02	1.48	19.17	1.53	20.31	1.59	21.14	1.60	22.60	1.63	23.75	1.67
		80	17.58	1.55	18.72	1.61	19.86	1.67	20.69	1.69	22.15	1.72	23.29	1.75
		85	17.14	1.63	18.28	1.69	19.42	1.75	20.24	1.77	21.69	1.80	22.83	1.84
		90	16.70	1.70	17.84	1.76	18.97	1.83	19.79	1.85	21.24	1.88	22.38	1.92
		95	16.22	1.78	17.35	1.84	18.48	1.91	19.00	1.93	20.74	1.97	21.87	2.01
		100	16.03	1.85	17.18	1.92	18.32	1.99	18.92	2.01	20.62	2.05	21.76	2.09
		105	15.84	1.93	17.00	2.00	18.16	2.07	18.83	2.10	20.49	2.14	21.65	2.18
		110	15.65	2.00	16.83	2.08	18.00	2.15	18.75	2.18	20.36	2.22	21.54	2.26
		115	15.46	2.08	16.65	2.16	17.85	2.23	18.67	2.26	20.24	2.30	21.43	2.35
		118	15.34	2.13	16.55	2.20	17.75	2.28	18.62	2.31	20.16	2.35	21.36	2.40
		122	15.30	2.19	16.51	2.27	17.72	2.35	18.60	2.38	20.13	2.42	21.34	2.47
	9 + 12*	-4	18.68	1.14	19.84	1.18	21.00	1.23	21.84	1.24	23.32	1.27	24.48	1.29
		0	18.67	1.16	19.83	1.20	20.99	1.24	21.83	1.26	23.31	1.28	24.47	1.31
		5	18.65	1.17	19.81	1.22	20.97	1.26	21.81	1.28	23.29	1.30	24.45	1.33
		10	18.64	1.19	19.80	1.24	20.96	1.28	21.79	1.30	23.27	1.32	24.43	1.35
		14	18.63	1.21	19.78	1.25	20.94	1.30	21.77	1.31	23.25	1.34	24.41	1.37
		20	18.61	1.23	19.77	1.27	20.92	1.32	21.76	1.33	23.23	1.36	24.39	1.39
		25	18.60	1.24	19.75	1.29	20.91	1.34	21.74	1.35	23.22	1.38	24.37	1.40
		30	18.58	1.26	19.74	1.31	20.89	1.35	21.72	1.37	23.20	1.40	24.35	1.42
		35	18.57	1.28	19.72	1.33	20.88	1.37	21.71	1.39	23.18	1.42	24.33	1.44
		40	18.55	1.30	19.71	1.34	20.86	1.39	21.69	1.41	23.16	1.43	24.32	1.46
		45	18.54	1.31	19.69	1.36	20.84	1.41	21.67	1.43	23.15	1.45	24.30	1.48
		50	18.53	1.33	19.68	1.38	20.83	1.43	21.66	1.45	23.13	1.47	24.28	1.50
		55	18.51	1.35	19.66	1.40	20.81	1.45	21.64	1.46	23.11	1.49	24.26	1.52
		60	18.50	1.37	19.65	1.42	20.80	1.47	21.63	1.48	23.09	1.51	24.24	1.54
		65	18.48	1.38	19.63	1.43	20.78	1.49	21.61	1.50	23.08	1.53	24.22	1.56
		70	18.47	1.40	19.62	1.45	20.76	1.50	21.59	1.52	23.06	1.55	24.20	1.58
		75	18.02	1.48	19.17	1.53	20.31	1.59	21.14	1.60	22.60	1.63	23.75	1.67
		80	17.58	1.55	18.72	1.61	19.86	1.67	20.69	1.69	22.15	1.72	23.29	1.75
		85	17.14	1.63	18.28	1.69	19.42	1.75	20.24	1.77	21.69	1.80	22.83	1.84
		90	16.70	1.70	17.84	1.76	18.97	1.83	19.79	1.85	21.24	1.88	22.38	1.92
		95	16.22	1.78	17.35	1.84	18.48	1.91	19.00	1.93	20.74	1.97	21.87	2.01
		100	16.03	1.85	17.18	1.92	18.32	1.99	18.92	2.01	20.62	2.05	21.76	2.09
		105	15.84	1.93	17.00	2.00	18.16	2.07	18.83	2.10	20.49	2.14	21.65	2.18
		110	15.65	2.00	16.83	2.08	18.00	2.15	18.75	2.18	20.36	2.22	21.54	2.26
		115	15.46	2.08	16.65	2.16	17.85	2.23	18.67	2.26	20.24	2.30	21.43	2.35
		118	15.34	2.13	16.55	2.20	17.75	2.28	18.62	2.31	20.16	2.35	21.36	2.40
		122	15.30	2.19	16.51	2.27	17.72	2.35	18.60	2.38	20.13	2.42	21.34	2.47

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 9: KUMXA181A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9* + 15	-4	18.68	1.14	19.84	1.18	21.00	1.23	21.84	1.24	23.32	1.27	24.48	1.29
		0	18.67	1.16	19.83	1.20	20.99	1.24	21.83	1.26	23.31	1.28	24.47	1.31
		5	18.65	1.17	19.81	1.22	20.97	1.26	21.81	1.28	23.29	1.30	24.45	1.33
		10	18.64	1.19	19.80	1.24	20.96	1.28	21.79	1.30	23.27	1.32	24.43	1.35
		14	18.63	1.21	19.78	1.25	20.94	1.30	21.77	1.31	23.25	1.34	24.41	1.37
		20	18.61	1.23	19.77	1.27	20.92	1.32	21.76	1.33	23.23	1.36	24.39	1.39
		25	18.60	1.24	19.75	1.29	20.91	1.34	21.74	1.35	23.22	1.38	24.37	1.40
		30	18.58	1.26	19.74	1.31	20.89	1.35	21.72	1.37	23.20	1.40	24.35	1.42
		35	18.57	1.28	19.72	1.33	20.88	1.37	21.71	1.39	23.18	1.42	24.33	1.44
		40	18.55	1.30	19.71	1.34	20.86	1.39	21.69	1.41	23.16	1.43	24.32	1.46
		45	18.54	1.31	19.69	1.36	20.84	1.41	21.67	1.43	23.15	1.45	24.30	1.48
		50	18.53	1.33	19.68	1.38	20.83	1.43	21.66	1.45	23.13	1.47	24.28	1.50
		55	18.51	1.35	19.66	1.40	20.81	1.45	21.64	1.46	23.11	1.49	24.26	1.52
		60	18.50	1.37	19.65	1.42	20.80	1.47	21.63	1.48	23.09	1.51	24.24	1.54
		65	18.48	1.38	19.63	1.43	20.78	1.49	21.61	1.50	23.08	1.53	24.22	1.56
		70	18.47	1.40	19.62	1.45	20.76	1.50	21.59	1.52	23.06	1.55	24.20	1.58
		75	18.02	1.48	19.17	1.53	20.31	1.59	21.14	1.60	22.60	1.63	23.75	1.67
		80	17.58	1.55	18.72	1.61	19.86	1.67	20.69	1.69	22.15	1.72	23.29	1.75
		85	17.14	1.63	18.28	1.69	19.42	1.75	20.24	1.77	21.69	1.80	22.83	1.84
		90	16.70	1.70	17.84	1.76	18.97	1.83	19.79	1.85	21.24	1.88	22.38	1.92
		95	16.22	1.78	17.35	1.84	18.48	1.91	19.00	1.93	20.74	1.97	21.87	2.01
		100	16.03	1.85	17.18	1.92	18.32	1.99	18.92	2.01	20.62	2.05	21.76	2.09
		105	15.84	1.93	17.00	2.00	18.16	2.07	18.83	2.10	20.49	2.14	21.65	2.18
		110	15.65	2.00	16.83	2.08	18.00	2.15	18.75	2.18	20.36	2.22	21.54	2.26
		115	15.46	2.08	16.65	2.16	17.85	2.23	18.67	2.26	20.24	2.30	21.43	2.35
		118	15.34	2.13	16.55	2.20	17.75	2.28	18.62	2.31	20.16	2.35	21.36	2.40
		122	15.30	2.19	16.51	2.27	17.72	2.35	18.60	2.38	20.13	2.42	21.34	2.47
	12* + 12*	-4	18.68	1.14	19.84	1.18	21.00	1.23	21.84	1.24	23.32	1.27	24.48	1.29
		0	18.67	1.16	19.83	1.20	20.99	1.24	21.83	1.26	23.31	1.28	24.47	1.31
		5	18.65	1.17	19.81	1.22	20.97	1.26	21.81	1.28	23.29	1.30	24.45	1.33
		10	18.64	1.19	19.80	1.24	20.96	1.28	21.79	1.30	23.27	1.32	24.43	1.35
		14	18.63	1.21	19.78	1.25	20.94	1.30	21.77	1.31	23.25	1.34	24.41	1.37
		20	18.61	1.23	19.77	1.27	20.92	1.32	21.76	1.33	23.23	1.36	24.39	1.39
		25	18.60	1.24	19.75	1.29	20.91	1.34	21.74	1.35	23.22	1.38	24.37	1.40
		30	18.58	1.26	19.74	1.31	20.89	1.35	21.72	1.37	23.20	1.40	24.35	1.42
		35	18.57	1.28	19.72	1.33	20.88	1.37	21.71	1.39	23.18	1.42	24.33	1.44
		40	18.55	1.30	19.71	1.34	20.86	1.39	21.69	1.41	23.16	1.43	24.32	1.46
		45	18.54	1.31	19.69	1.36	20.84	1.41	21.67	1.43	23.15	1.45	24.30	1.48
		50	18.53	1.33	19.68	1.38	20.83	1.43	21.66	1.45	23.13	1.47	24.28	1.50
		55	18.51	1.35	19.66	1.40	20.81	1.45	21.64	1.46	23.11	1.49	24.26	1.52
		60	18.50	1.37	19.65	1.42	20.80	1.47	21.63	1.48	23.09	1.51	24.24	1.54
		65	18.48	1.38	19.63	1.43	20.78	1.49	21.61	1.50	23.08	1.53	24.22	1.56
		70	18.47	1.40	19.62	1.45	20.76	1.50	21.59	1.52	23.06	1.55	24.20	1.58
		75	18.02	1.48	19.17	1.53	20.31	1.59	21.14	1.60	22.60	1.63	23.75	1.67
		80	17.58	1.55	18.72	1.61	19.86	1.67	20.69	1.69	22.15	1.72	23.29	1.75
		85	17.14	1.63	18.28	1.69	19.42	1.75	20.24	1.77	21.69	1.80	22.83	1.84
		90	16.70	1.70	17.84	1.76	18.97	1.83	19.79	1.85	21.24	1.88	22.38	1.92
		95	16.22	1.78	17.35	1.84	18.48	1.91	19.00	1.93	20.74	1.97	21.87	2.01
		100	16.03	1.85	17.18	1.92	18.32	1.99	18.92	2.01	20.62	2.05	21.76	2.09
		105	15.84	1.93	17.00	2.00	18.16	2.07	18.83	2.10	20.49	2.14	21.65	2.18
		110	15.65	2.00	16.83	2.08	18.00	2.15	18.75	2.18	20.36	2.22	21.54	2.26
		115	15.46	2.08	16.65	2.16	17.85	2.23	18.67	2.26	20.24	2.30	21.43	2.35
		118	15.34	2.13	16.55	2.20	17.75	2.28	18.62	2.31	20.16	2.35	21.36	2.40
		122	15.30	2.19	16.51	2.27	17.72	2.35	18.60	2.38	20.13	2.42	21.34	2.47

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 10: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7 + 7	-4	16.52	1.11	17.54	1.15	18.57	1.19	19.31	1.20	20.62	1.23	21.65	1.25
		0	16.51	1.12	17.53	1.16	18.56	1.20	19.30	1.22	20.61	1.24	21.63	1.26
		5	16.49	1.14	17.52	1.18	18.54	1.22	19.28	1.24	20.59	1.26	21.62	1.29
		10	16.48	1.15	17.51	1.20	18.53	1.24	19.27	1.25	20.58	1.28	21.60	1.30
		14	16.47	1.17	17.49	1.21	18.51	1.26	19.25	1.27	20.56	1.30	21.58	1.32
		20	16.46	1.19	17.48	1.23	18.50	1.28	19.24	1.29	20.54	1.32	21.57	1.34
		25	16.44	1.21	17.47	1.25	18.49	1.29	19.22	1.31	20.53	1.33	21.55	1.36
		30	16.43	1.22	17.45	1.27	18.47	1.31	19.21	1.33	20.51	1.35	21.53	1.38
		35	16.42	1.24	17.44	1.28	18.46	1.33	19.19	1.35	20.50	1.37	21.52	1.40
		40	16.41	1.26	17.43	1.30	18.44	1.35	19.18	1.36	20.48	1.39	21.50	1.42
		45	16.39	1.27	17.41	1.32	18.43	1.37	19.17	1.38	20.47	1.41	21.48	1.44
		50	16.38	1.29	17.40	1.34	18.42	1.39	19.15	1.40	20.45	1.43	21.47	1.46
		55	16.37	1.31	17.39	1.35	18.40	1.40	19.14	1.42	20.43	1.45	21.45	1.48
		60	16.36	1.32	17.37	1.37	18.39	1.42	19.12	1.44	20.42	1.46	21.43	1.49
		65	16.34	1.34	17.36	1.39	18.37	1.44	19.11	1.46	20.40	1.48	21.42	1.51
		70	16.33	1.36	17.35	1.41	18.36	1.46	19.09	1.47	20.39	1.50	21.40	1.53
		75	15.94	1.43	16.95	1.48	17.96	1.54	18.69	1.55	19.98	1.58	21.00	1.61
		80	15.54	1.50	16.55	1.56	17.56	1.61	18.29	1.63	19.58	1.66	20.59	1.70
		85	15.16	1.58	16.16	1.63	17.17	1.69	17.90	1.71	19.18	1.74	20.19	1.78
		90	14.77	1.65	15.77	1.71	16.77	1.77	17.50	1.79	18.78	1.83	19.79	1.86
		95	14.34	1.72	15.34	1.79	16.34	1.85	16.80	1.87	18.34	1.91	19.34	1.95
		100	14.17	1.80	15.19	1.86	16.20	1.93	16.73	1.95	18.23	1.99	19.24	2.03
		105	14.01	1.87	15.03	1.94	16.06	2.01	16.65	2.03	18.12	2.07	19.14	2.11
		110	13.84	1.94	14.88	2.01	15.92	2.09	16.58	2.11	18.00	2.15	19.05	2.19
		115	13.67	2.02	14.72	2.09	15.78	2.17	16.51	2.19	17.89	2.23	18.95	2.28
		118	13.57	2.06	14.63	2.13	15.69	2.21	16.46	2.24	17.82	2.28	18.89	2.33
		122	13.53	2.12	14.60	2.20	15.67	2.28	16.45	2.30	17.80	2.34	18.87	2.39
	7 + 9	-4	18.88	1.20	20.05	1.24	21.22	1.29	22.07	1.30	23.57	1.33	24.74	1.35
		0	18.87	1.21	20.04	1.26	21.21	1.30	22.06	1.32	23.55	1.34	24.72	1.37
		5	18.85	1.23	20.02	1.28	21.19	1.32	22.04	1.34	23.53	1.36	24.70	1.39
		10	18.84	1.25	20.01	1.29	21.18	1.34	22.02	1.36	23.52	1.38	24.69	1.41
		14	18.82	1.27	19.99	1.31	21.16	1.36	22.00	1.38	23.50	1.40	24.67	1.43
		20	18.81	1.29	19.98	1.33	21.14	1.38	21.99	1.40	23.48	1.42	24.65	1.45
		25	18.79	1.30	19.96	1.35	21.13	1.40	21.97	1.42	23.46	1.44	24.63	1.47
		30	18.78	1.32	19.94	1.37	21.11	1.42	21.95	1.44	23.44	1.46	24.61	1.49
		35	18.76	1.34	19.93	1.39	21.09	1.44	21.94	1.46	23.43	1.48	24.59	1.51
		40	18.75	1.36	19.91	1.41	21.08	1.46	21.92	1.48	23.41	1.50	24.57	1.53
		45	18.74	1.38	19.90	1.43	21.06	1.48	21.90	1.50	23.39	1.52	24.55	1.55
		50	18.72	1.39	19.88	1.45	21.05	1.50	21.89	1.52	23.37	1.54	24.53	1.58
		55	18.71	1.41	19.87	1.46	21.03	1.52	21.87	1.54	23.35	1.56	24.52	1.60
		60	18.69	1.43	19.85	1.48	21.01	1.54	21.85	1.56	23.34	1.58	24.50	1.62
		65	18.68	1.45	19.84	1.50	21.00	1.56	21.84	1.58	23.32	1.60	24.48	1.64
		70	18.66	1.47	19.82	1.52	20.98	1.58	21.82	1.59	23.30	1.62	24.46	1.66
		75	18.21	1.55	19.37	1.60	20.53	1.66	21.36	1.68	22.84	1.71	24.00	1.75
		80	17.77	1.63	18.92	1.69	20.07	1.75	20.91	1.77	22.38	1.80	23.53	1.84
		85	17.32	1.71	18.47	1.77	19.62	1.83	20.45	1.85	21.92	1.89	23.07	1.93
		90	16.88	1.78	18.02	1.85	19.17	1.92	20.00	1.94	21.47	1.98	22.61	2.02
		95	16.39	1.86	17.53	1.93	18.68	2.00	19.20	2.03	20.96	2.06	22.10	2.10
		100	16.20	1.94	17.36	2.01	18.52	2.09	19.12	2.11	20.83	2.15	21.99	2.19
		105	16.01	2.02	17.18	2.10	18.35	2.17	19.03	2.20	20.70	2.24	21.88	2.28
		110	15.81	2.10	17.00	2.18	18.19	2.26	18.95	2.28	20.58	2.33	21.77	2.37
		115	15.62	2.18	16.83	2.26	18.03	2.34	18.87	2.37	20.45	2.41	21.65	2.46
		118	15.50	2.23	16.72	2.31	17.94	2.39	18.82	2.42	20.37	2.47	21.59	2.52
		122	15.47	2.29	16.69	2.37	17.90	2.46	18.80	2.49	20.35	2.54	21.56	2.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 11: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	-4	21.24	1.29	22.55	1.34	23.87	1.38	24.83	1.40	26.51	1.43	27.83	1.46
		0	21.22	1.30	22.54	1.35	23.86	1.40	24.81	1.42	26.50	1.44	27.81	1.47
		5	21.21	1.32	22.52	1.37	23.84	1.42	24.79	1.44	26.47	1.47	27.79	1.50
		10	21.19	1.34	22.51	1.39	23.82	1.44	24.77	1.46	26.45	1.49	27.77	1.52
		14	21.17	1.36	22.49	1.41	23.80	1.46	24.75	1.48	26.43	1.51	27.75	1.54
		20	21.16	1.38	22.47	1.43	23.79	1.49	24.74	1.50	26.41	1.53	27.73	1.56
		25	21.14	1.40	22.46	1.45	23.77	1.51	24.72	1.52	26.39	1.55	27.71	1.58
		30	21.13	1.42	22.44	1.47	23.75	1.53	24.70	1.55	26.37	1.57	27.69	1.61
		35	21.11	1.44	22.42	1.49	23.73	1.55	24.68	1.57	26.35	1.60	27.66	1.63
		40	21.09	1.46	22.40	1.51	23.71	1.57	24.66	1.59	26.33	1.62	27.64	1.65
		45	21.08	1.48	22.39	1.53	23.70	1.59	24.64	1.61	26.31	1.64	27.62	1.67
		50	21.06	1.50	22.37	1.55	23.68	1.61	24.62	1.63	26.29	1.66	27.60	1.69
		55	21.05	1.52	22.35	1.58	23.66	1.63	24.60	1.65	26.27	1.68	27.58	1.72
		60	21.03	1.54	22.34	1.60	23.64	1.65	24.58	1.67	26.25	1.70	27.56	1.74
		65	21.01	1.56	22.32	1.62	23.62	1.67	24.57	1.69	26.23	1.73	27.54	1.76
		70	21.00	1.58	22.30	1.64	23.60	1.70	24.55	1.72	26.21	1.75	27.52	1.78
		75	20.49	1.66	21.79	1.72	23.09	1.79	24.03	1.81	25.69	1.84	27.00	1.88
		80	19.99	1.75	21.28	1.81	22.58	1.88	23.52	1.90	25.18	1.94	26.47	1.97
		85	19.49	1.83	20.78	1.90	22.07	1.97	23.01	1.99	24.66	2.03	25.96	2.07
		90	18.98	1.92	20.28	1.99	21.57	2.06	22.50	2.09	24.15	2.12	25.44	2.17
		95	18.44	2.00	19.73	2.08	21.01	2.15	21.60	2.18	23.58	2.22	24.86	2.26
		100	18.22	2.09	19.53	2.17	20.83	2.24	21.51	2.27	23.44	2.31	24.74	2.36
		105	18.01	2.17	19.33	2.25	20.65	2.34	21.41	2.36	23.29	2.41	24.61	2.46
		110	17.79	2.26	19.13	2.34	20.47	2.43	21.32	2.46	23.15	2.50	24.49	2.55
		115	17.57	2.34	18.93	2.43	20.29	2.52	21.22	2.55	23.00	2.60	24.27	2.64
		118	17.44	2.40	18.81	2.48	20.18	2.57	21.17	2.60	22.83	2.64	23.65	2.64
		122	17.40	2.46	18.77	2.55	20.06	2.64	20.83	2.64	22.14	2.64	23.04	2.64
	7 + 12	-4	22.42	1.33	23.81	1.38	25.20	1.43	26.21	1.45	27.98	1.48	29.38	1.51
		0	22.40	1.35	23.79	1.40	25.19	1.45	26.19	1.47	27.97	1.49	29.36	1.52
		5	22.38	1.37	23.78	1.42	25.17	1.47	26.17	1.49	27.95	1.52	29.34	1.55
		10	22.37	1.39	23.76	1.44	25.15	1.49	26.15	1.51	27.92	1.54	29.31	1.57
		14	22.35	1.41	23.74	1.46	25.13	1.52	26.13	1.53	27.90	1.56	29.29	1.59
		20	22.33	1.43	23.72	1.48	25.11	1.54	26.11	1.56	27.88	1.58	29.27	1.62
		25	22.32	1.45	23.70	1.50	25.09	1.56	26.09	1.58	27.86	1.61	29.25	1.64
		30	22.30	1.47	23.68	1.53	25.07	1.58	26.07	1.60	27.84	1.63	29.22	1.66
		35	22.28	1.49	23.67	1.55	25.05	1.60	26.05	1.62	27.82	1.65	29.20	1.69
		40	22.27	1.51	23.65	1.57	25.03	1.63	26.03	1.64	27.80	1.67	29.18	1.71
		45	22.25	1.53	23.63	1.59	25.01	1.65	26.01	1.67	27.78	1.70	29.16	1.73
		50	22.23	1.55	23.61	1.61	24.99	1.67	25.99	1.69	27.75	1.72	29.13	1.75
		55	22.21	1.57	23.59	1.63	24.97	1.69	25.97	1.71	27.73	1.74	29.11	1.78
		60	22.20	1.59	23.58	1.65	24.95	1.71	25.95	1.73	27.71	1.76	29.09	1.80
		65	22.18	1.61	23.56	1.67	24.94	1.73	25.93	1.75	27.69	1.79	29.07	1.82
		70	22.16	1.63	23.54	1.69	24.92	1.76	25.91	1.78	27.67	1.81	29.05	1.85
		75	21.63	1.72	23.00	1.79	24.38	1.85	25.37	1.87	27.12	1.91	28.50	1.95
		80	21.10	1.81	22.47	1.88	23.84	1.95	24.83	1.97	26.58	2.00	27.94	2.04
		85	20.57	1.90	21.93	1.97	23.30	2.04	24.29	2.06	26.03	2.10	27.40	2.14
		90	20.04	1.99	21.40	2.06	22.77	2.13	23.75	2.16	25.49	2.20	26.85	2.24
		95	19.47	2.08	20.82	2.15	22.18	2.23	22.80	2.26	24.89	2.30	26.25	2.34
		100	19.24	2.16	20.61	2.24	21.99	2.32	22.70	2.35	24.74	2.39	26.11	2.44
		105	19.01	2.25	20.40	2.33	21.80	2.42	22.60	2.45	24.59	2.49	25.98	2.54
		110	18.78	2.34	20.19	2.42	21.61	2.51	22.50	2.54	24.43	2.59	25.85	2.64
		115	18.55	2.43	19.98	2.52	21.41	2.61	22.40	2.64	23.83	2.64	24.77	2.64
		118	18.41	2.48	19.86	2.57	21.06	2.64	21.84	2.64	23.22	2.64	24.17	2.64
		122	18.37	2.55	19.81	2.64	20.48	2.64	21.27	2.64	22.62	2.64	23.48	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 12: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 12	-4	24.78	1.42	26.31	1.48	27.85	1.53	28.96	1.55	30.93	1.58	32.47	1.61
		0	24.76	1.44	26.30	1.49	27.84	1.55	28.95	1.57	30.91	1.59	32.45	1.63
		5	24.74	1.46	26.28	1.52	27.81	1.57	28.92	1.59	30.89	1.62	32.42	1.65
		10	24.72	1.49	26.26	1.54	27.79	1.60	28.90	1.61	30.86	1.64	32.40	1.68
		14	24.70	1.51	26.24	1.56	27.77	1.62	28.88	1.64	30.84	1.67	32.37	1.70
		20	24.68	1.53	26.22	1.58	27.75	1.64	28.86	1.66	30.82	1.69	32.35	1.73
		25	24.67	1.55	26.20	1.61	27.73	1.67	28.84	1.68	30.79	1.72	32.33	1.75
		30	24.65	1.57	26.18	1.63	27.71	1.69	28.81	1.71	30.77	1.74	32.30	1.78
		35	24.63	1.59	26.16	1.65	27.69	1.71	28.79	1.73	30.75	1.76	32.28	1.80
		40	24.61	1.62	26.14	1.67	27.67	1.74	28.77	1.76	30.72	1.79	32.25	1.82
		45	24.59	1.64	26.12	1.70	27.64	1.76	28.75	1.78	30.70	1.81	32.23	1.85
		50	24.57	1.66	26.10	1.72	27.62	1.78	28.73	1.80	30.68	1.84	32.20	1.87
		55	24.55	1.68	26.08	1.74	27.60	1.81	28.70	1.83	30.65	1.86	32.18	1.90
		60	24.53	1.70	26.06	1.76	27.58	1.83	28.68	1.85	30.63	1.88	32.15	1.92
		65	24.52	1.72	26.04	1.79	27.56	1.85	28.66	1.87	30.61	1.91	32.13	1.95
		70	24.50	1.75	26.02	1.81	27.54	1.87	28.64	1.90	30.58	1.93	32.10	1.97
		75	23.91	1.84	25.42	1.91	26.94	1.98	28.04	2.00	29.98	2.04	31.49	2.08
		80	23.32	1.93	24.83	2.00	26.34	2.08	27.44	2.10	29.37	2.14	30.89	2.18
		85	22.73	2.03	24.24	2.10	25.75	2.18	26.84	2.20	28.77	2.24	30.28	2.29
		90	22.15	2.12	23.66	2.20	25.16	2.28	26.25	2.31	28.17	2.35	29.68	2.40
		95	21.51	2.22	23.01	2.30	24.51	2.38	25.20	2.41	27.51	2.45	29.01	2.50
		100	21.26	2.31	22.78	2.39	24.30	2.48	25.09	2.51	27.34	2.56	28.86	2.61
		105	21.01	2.40	22.55	2.49	24.09	2.58	24.98	2.61	26.97	2.64	27.87	2.64
		110	20.75	2.50	22.32	2.59	23.52	2.64	24.23	2.64	25.74	2.64	26.75	2.64
		115	20.50	2.59	21.68	2.64	22.40	2.64	23.18	2.64	24.69	2.64	25.61	2.64
		118	20.27	2.64	21.07	2.64	21.81	2.64	22.64	2.64	24.09	2.64	25.01	2.64
		122	19.70	2.64	20.50	2.64	21.17	2.64	22.00	2.64	23.34	2.64	24.26	2.64
	7 + 15	-4	25.95	1.47	27.57	1.52	29.18	1.58	30.34	1.60	32.40	1.63	34.01	1.66
		0	25.94	1.49	27.55	1.54	29.16	1.60	30.33	1.61	32.38	1.64	34.00	1.68
		5	25.92	1.51	27.53	1.56	29.14	1.62	30.30	1.64	32.36	1.67	33.97	1.71
		10	25.90	1.53	27.51	1.59	29.12	1.65	30.28	1.67	32.33	1.70	33.94	1.73
		14	25.88	1.55	27.49	1.61	29.09	1.67	30.26	1.69	32.31	1.72	33.92	1.76
		20	25.86	1.58	27.47	1.63	29.07	1.69	30.23	1.71	32.28	1.75	33.89	1.78
		25	25.84	1.60	27.45	1.66	29.05	1.72	30.21	1.74	32.26	1.77	33.86	1.81
		30	25.82	1.62	27.42	1.68	29.03	1.74	30.19	1.76	32.23	1.80	33.84	1.83
		35	25.80	1.64	27.40	1.70	29.01	1.77	30.16	1.79	32.21	1.82	33.81	1.86
		40	25.78	1.67	27.38	1.73	28.98	1.79	30.14	1.81	32.19	1.84	33.79	1.88
		45	25.76	1.69	27.36	1.75	28.96	1.81	30.12	1.83	32.16	1.87	33.76	1.91
		50	25.74	1.71	27.34	1.77	28.94	1.84	30.09	1.86	32.14	1.89	33.74	1.93
		55	25.72	1.73	27.32	1.80	28.92	1.86	30.07	1.88	32.11	1.92	33.71	1.96
		60	25.70	1.76	27.30	1.82	28.89	1.89	30.05	1.91	32.09	1.94	33.68	1.98
		65	25.68	1.78	27.28	1.84	28.87	1.91	30.02	1.93	32.06	1.97	33.66	2.01
		70	25.66	1.80	27.26	1.87	28.85	1.93	30.00	1.96	32.04	1.99	33.63	2.03
		75	25.05	1.90	26.63	1.97	28.22	2.04	29.37	2.06	31.40	2.10	32.99	2.14
		80	24.43	1.99	26.01	2.07	27.60	2.14	28.74	2.17	30.77	2.21	32.36	2.25
		85	23.82	2.09	25.40	2.17	26.98	2.25	28.12	2.27	30.14	2.32	31.73	2.36
		90	23.20	2.19	24.78	2.27	26.36	2.35	27.50	2.38	29.52	2.42	31.09	2.47
		95	22.54	2.29	24.11	2.37	25.68	2.46	26.40	2.48	28.82	2.53	30.39	2.58
		100	22.27	2.38	23.87	2.47	25.46	2.56	26.29	2.59	28.64	2.64	29.68	2.64
		105	22.01	2.48	23.62	2.57	25.05	2.64	25.59	2.64	27.33	2.64	28.36	2.64
		110	21.74	2.58	23.12	2.64	23.85	2.64	24.57	2.64	26.21	2.64	27.15	2.64
		115	21.24	2.64	22.05	2.64	22.81	2.64	23.53	2.64	25.08	2.64	26.02	2.64
		118	20.62	2.64	21.45	2.64	22.14	2.64	23.00	2.64	24.40	2.64	25.36	2.64
		122	19.97	2.64	20.81	2.64	21.52	2.64	22.38	2.64	23.75	2.64	24.69	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 13: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 15	-4	29.49	1.56	31.33	1.62	33.16	1.68	34.48	1.70	36.82	1.73	38.65	1.76
		0	29.48	1.58	31.31	1.63	33.14	1.69	34.46	1.71	36.80	1.75	38.63	1.78
		5	29.45	1.60	31.28	1.66	33.11	1.72	34.43	1.74	36.77	1.77	38.60	1.81
		10	29.43	1.63	31.26	1.69	33.09	1.75	34.41	1.77	36.74	1.80	38.57	1.84
		14	29.41	1.65	31.24	1.71	33.06	1.77	34.38	1.79	36.71	1.83	38.54	1.86
		20	29.39	1.67	31.21	1.74	33.04	1.80	34.35	1.82	36.69	1.85	38.51	1.89
		25	29.36	1.70	31.19	1.76	33.01	1.82	34.33	1.84	36.66	1.88	38.48	1.92
		30	29.34	1.72	31.16	1.78	32.99	1.85	34.30	1.87	36.63	1.91	38.45	1.94
		35	29.32	1.75	31.14	1.81	32.96	1.87	34.28	1.90	36.60	1.93	38.42	1.97
		40	29.30	1.77	31.12	1.83	32.94	1.90	34.25	1.92	36.57	1.96	38.39	2.00
		45	29.27	1.79	31.09	1.86	32.91	1.93	34.22	1.95	36.55	1.98	38.36	2.02
		50	29.25	1.82	31.07	1.88	32.89	1.95	34.20	1.97	36.52	2.01	38.34	2.05
		55	29.23	1.84	31.04	1.91	32.86	1.98	34.17	2.00	36.49	2.04	38.31	2.08
		60	29.21	1.86	31.02	1.93	32.83	2.00	34.14	2.03	36.46	2.06	38.28	2.10
		65	29.18	1.89	31.00	1.96	32.81	2.03	34.12	2.05	36.43	2.09	38.25	2.13
		70	29.16	1.91	30.97	1.98	32.78	2.05	34.09	2.08	36.41	2.12	38.22	2.16
		75	28.46	2.01	30.27	2.09	32.07	2.16	33.38	2.19	35.69	2.23	37.49	2.27
		80	27.76	2.12	29.56	2.19	31.36	2.27	32.66	2.30	34.97	2.34	36.77	2.39
		85	27.06	2.22	28.86	2.30	30.66	2.39	31.96	2.41	34.25	2.46	36.05	2.51
		90	26.37	2.32	28.16	2.41	29.95	2.50	31.25	2.52	33.54	2.57	35.33	2.62
		95	25.61	2.43	27.40	2.52	29.18	2.61	30.00	2.64	32.14	2.64	33.27	2.64
		100	25.31	2.53	27.12	2.62	28.08	2.64	28.68	2.64	30.69	2.64	31.72	2.64
		105	25.01	2.63	25.96	2.64	26.75	2.64	27.45	2.64	29.35	2.64	30.38	2.64
		110	23.81	2.64	24.70	2.64	25.53	2.64	26.32	2.64	28.01	2.64	29.06	2.64
		115	22.69	2.64	23.61	2.64	24.39	2.64	25.19	2.64	26.86	2.64	27.82	2.64
		118	22.06	2.64	22.92	2.64	23.72	2.64	24.64	2.64	26.18	2.64	27.15	2.64
		122	21.40	2.64	22.27	2.64	23.01	2.64	23.93	2.64	25.43	2.64	26.39	2.64
	12 + 12	-4	29.49	1.56	31.33	1.62	33.16	1.68	34.48	1.70	36.82	1.73	38.65	1.76
		0	29.48	1.58	31.31	1.64	33.14	1.70	34.46	1.71	36.80	1.75	38.63	1.78
		5	29.45	1.60	31.28	1.66	33.11	1.72	34.43	1.74	36.77	1.78	38.60	1.81
		10	29.43	1.63	31.26	1.69	33.09	1.75	34.41	1.77	36.74	1.80	38.57	1.84
		14	29.41	1.65	31.24	1.71	33.06	1.77	34.38	1.79	36.71	1.83	38.54	1.86
		20	29.39	1.67	31.21	1.74	33.04	1.80	34.35	1.82	36.69	1.85	38.51	1.89
		25	29.36	1.70	31.19	1.76	33.01	1.82	34.33	1.85	36.66	1.88	38.48	1.92
		30	29.34	1.72	31.16	1.78	32.99	1.85	34.30	1.87	36.63	1.91	38.45	1.94
		35	29.32	1.75	31.14	1.81	32.96	1.88	34.28	1.90	36.60	1.93	38.42	1.97
		40	29.30	1.77	31.12	1.83	32.94	1.90	34.25	1.92	36.57	1.96	38.39	2.00
		45	29.27	1.79	31.09	1.86	32.91	1.93	34.22	1.95	36.55	1.99	38.36	2.03
		50	29.25	1.82	31.07	1.88	32.89	1.95	34.20	1.97	36.52	2.01	38.34	2.05
		55	29.23	1.84	31.04	1.91	32.86	1.98	34.17	2.00	36.49	2.04	38.31	2.08
		60	29.21	1.86	31.02	1.93	32.83	2.00	34.14	2.03	36.46	2.06	38.28	2.11
		65	29.18	1.89	31.00	1.96	32.81	2.03	34.12	2.05	36.43	2.09	38.25	2.13
		70	29.16	1.91	30.97	1.98	32.78	2.05	34.09	2.08	36.41	2.12	38.22	2.16
		75	28.46	2.01	30.27	2.09	32.07	2.16	33.38	2.19	35.69	2.23	37.49	2.28
		80	27.76	2.12	29.56	2.20	31.36	2.28	32.66	2.30	34.97	2.34	36.77	2.39
		85	27.06	2.22	28.86	2.30	30.66	2.39	31.96	2.41	34.25	2.46	36.05	2.51
		90	26.37	2.32	28.16	2.41	29.95	2.50	31.25	2.53	33.54	2.57	35.33	2.62
		95	25.61	2.43	27.40	2.52	29.18	2.61	30.00	2.64	32.14	2.64	33.27	2.64
		100	25.31	2.53	27.12	2.62	28.08	2.64	28.68	2.64	30.69	2.64	31.72	2.64
		105	25.01	2.63	25.96	2.64	26.75	2.64	27.45	2.64	29.35	2.64	30.38	2.64
		110	23.81	2.64	24.70	2.64	25.53	2.64	26.32	2.64	28.01	2.64	29.06	2.64
		115	22.69	2.64	23.61	2.64	24.39	2.64	25.19	2.64	26.86	2.64	27.82	2.64
		118	22.06	2.64	22.92	2.64	23.72	2.64	24.64	2.64	26.18	2.64	27.15	2.64
		122	21.40	2.64	22.27	2.64	23.01	2.64	23.93	2.64	25.43	2.64	26.39	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 14: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7 + 18	-4	29.49	1.56	31.33	1.62	33.16	1.68	34.48	1.70	36.82	1.73	38.65	1.76
		0	29.48	1.58	31.31	1.64	33.14	1.70	34.46	1.71	36.80	1.75	38.63	1.78
		5	29.45	1.60	31.28	1.66	33.11	1.72	34.43	1.74	36.77	1.78	38.60	1.81
		10	29.43	1.63	31.26	1.69	33.09	1.75	34.41	1.77	36.74	1.80	38.57	1.84
		14	29.41	1.65	31.24	1.71	33.06	1.77	34.38	1.79	36.71	1.83	38.54	1.86
		20	29.39	1.67	31.21	1.74	33.04	1.80	34.35	1.82	36.69	1.85	38.51	1.89
		25	29.36	1.70	31.19	1.76	33.01	1.82	34.33	1.85	36.66	1.88	38.48	1.92
		30	29.34	1.72	31.16	1.78	32.99	1.85	34.30	1.87	36.63	1.91	38.45	1.94
		35	29.32	1.75	31.14	1.81	32.96	1.88	34.28	1.90	36.60	1.93	38.42	1.97
		40	29.30	1.77	31.12	1.83	32.94	1.90	34.25	1.92	36.57	1.96	38.39	2.00
		45	29.27	1.79	31.09	1.86	32.91	1.93	34.22	1.95	36.55	1.99	38.36	2.03
		50	29.25	1.82	31.07	1.88	32.89	1.95	34.20	1.97	36.52	2.01	38.34	2.05
		55	29.23	1.84	31.04	1.91	32.86	1.98	34.17	2.00	36.49	2.04	38.31	2.08
		60	29.21	1.86	31.02	1.93	32.83	2.00	34.14	2.03	36.46	2.06	38.28	2.11
		65	29.18	1.89	31.00	1.96	32.81	2.03	34.12	2.05	36.43	2.09	38.25	2.13
		70	29.16	1.91	30.97	1.98	32.78	2.05	34.09	2.08	36.41	2.12	38.22	2.16
		75	28.46	2.01	30.27	2.09	32.07	2.16	33.38	2.19	35.69	2.23	37.49	2.28
		80	27.76	2.12	29.56	2.20	31.36	2.28	32.66	2.30	34.97	2.34	36.77	2.39
		85	27.06	2.22	28.86	2.30	30.66	2.39	31.96	2.41	34.25	2.46	36.05	2.51
		90	26.37	2.32	28.16	2.41	29.95	2.50	31.25	2.53	33.54	2.57	35.33	2.62
		95	25.61	2.43	27.40	2.52	29.18	2.61	30.00	2.64	32.14	2.64	33.27	2.64
		100	25.31	2.53	27.12	2.62	28.08	2.64	28.68	2.64	30.69	2.64	31.72	2.64
		105	25.01	2.63	25.96	2.64	26.75	2.64	27.45	2.64	29.25	2.64	30.38	2.64
		110	23.81	2.64	24.70	2.64	25.53	2.64	26.32	2.64	28.01	2.64	29.06	2.64
		115	22.69	2.64	23.61	2.64	24.39	2.64	25.19	2.64	26.86	2.64	27.82	2.64
		118	22.06	2.64	22.92	2.64	23.72	2.64	24.64	2.64	26.18	2.64	27.15	2.64
		122	21.40	2.64	22.27	2.64	23.01	2.64	23.93	2.64	25.43	2.64	26.39	2.64
	9 + 18	-4	29.49	1.56	31.33	1.62	33.16	1.68	34.48	1.70	36.82	1.73	38.65	1.76
		0	29.48	1.58	31.31	1.64	33.14	1.70	34.46	1.71	36.80	1.75	38.63	1.78
		5	29.45	1.60	31.28	1.66	33.11	1.72	34.43	1.74	36.77	1.78	38.60	1.81
		10	29.43	1.63	31.26	1.69	33.09	1.75	34.41	1.77	36.74	1.80	38.57	1.84
		14	29.41	1.65	31.24	1.71	33.06	1.77	34.38	1.79	36.71	1.83	38.54	1.86
		20	29.39	1.67	31.21	1.74	33.04	1.80	34.35	1.82	36.69	1.85	38.51	1.89
		25	29.36	1.70	31.19	1.76	33.01	1.82	34.33	1.85	36.66	1.88	38.48	1.92
		30	29.34	1.72	31.16	1.78	32.99	1.85	34.30	1.87	36.63	1.91	38.45	1.94
		35	29.32	1.75	31.14	1.81	32.96	1.88	34.28	1.90	36.60	1.93	38.42	1.97
		40	29.30	1.77	31.12	1.83	32.94	1.90	34.25	1.92	36.57	1.96	38.39	2.00
		45	29.27	1.79	31.09	1.86	32.91	1.93	34.22	1.95	36.55	1.99	38.36	2.03
		50	29.25	1.82	31.07	1.88	32.89	1.95	34.20	1.97	36.52	2.01	38.34	2.05
		55	29.23	1.84	31.04	1.91	32.86	1.98	34.17	2.00	36.49	2.04	38.31	2.08
		60	29.21	1.86	31.02	1.93	32.83	2.00	34.14	2.03	36.46	2.06	38.28	2.11
		65	29.18	1.89	31.00	1.96	32.81	2.03	34.12	2.05	36.43	2.09	38.25	2.13
		70	29.16	1.91	30.97	1.98	32.78	2.05	34.09	2.08	36.41	2.12	38.22	2.16
		75	28.46	2.01	30.27	2.09	32.07	2.16	33.38	2.19	35.69	2.23	37.49	2.28
		80	27.76	2.12	29.56	2.20	31.36	2.28	32.66	2.30	34.97	2.34	36.77	2.39
		85	27.06	2.22	28.86	2.30	30.66	2.39	31.96	2.41	34.25	2.46	36.05	2.51
		90	26.37	2.32	28.16	2.41	29.95	2.50	31.25	2.53	33.54	2.57	35.33	2.62
		95	25.61	2.43	27.40	2.52	29.18	2.61	30.00	2.64	32.14	2.64	33.27	2.64
		100	25.31	2.53	27.12	2.62	28.08	2.64	28.68	2.64	30.69	2.64	31.72	2.64
		105	25.01	2.63	25.96	2.64	26.75	2.64	27.45	2.64	29.25	2.64	30.38	2.64
		110	23.81	2.64	24.70	2.64	25.53	2.64	26.32	2.64	28.01	2.64	29.06	2.64
		115	22.69	2.64	23.61	2.64	24.39	2.64	25.19	2.64	26.86	2.64	27.82	2.64
		118	22.06	2.64	22.92	2.64	23.72	2.64	24.64	2.64	26.18	2.64	27.15	2.64
		122	21.40	2.64	22.27	2.64	23.01	2.64	23.93	2.64	25.43	2.64	26.39	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 15: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 15	-4	29.49	1.56	31.33	1.62	33.16	1.68	34.48	1.70	36.82	1.73	38.65	1.76
		0	29.48	1.58	31.31	1.64	33.14	1.70	34.46	1.71	36.80	1.75	38.63	1.78
		5	29.45	1.60	31.28	1.66	33.11	1.72	34.43	1.74	36.77	1.78	38.60	1.81
		10	29.43	1.63	31.26	1.69	33.09	1.75	34.41	1.77	36.74	1.80	38.57	1.84
		14	29.41	1.65	31.24	1.71	33.06	1.77	34.38	1.79	36.71	1.83	38.54	1.86
		20	29.39	1.67	31.21	1.74	33.04	1.80	34.35	1.82	36.69	1.85	38.51	1.89
		25	29.36	1.70	31.19	1.76	33.01	1.82	34.33	1.85	36.66	1.88	38.48	1.92
		30	29.34	1.72	31.16	1.78	32.99	1.85	34.30	1.87	36.63	1.91	38.45	1.94
		35	29.32	1.75	31.14	1.81	32.96	1.88	34.28	1.90	36.60	1.93	38.42	1.97
		40	29.30	1.77	31.12	1.83	32.94	1.90	34.25	1.92	36.57	1.96	38.39	2.00
		45	29.27	1.79	31.09	1.86	32.91	1.93	34.22	1.95	36.55	1.99	38.36	2.03
		50	29.25	1.82	31.07	1.88	32.89	1.95	34.20	1.97	36.52	2.01	38.34	2.05
		55	29.23	1.84	31.04	1.91	32.86	1.98	34.17	2.00	36.49	2.04	38.31	2.08
		60	29.21	1.86	31.02	1.93	32.83	2.00	34.14	2.03	36.46	2.06	38.28	2.11
		65	29.18	1.89	31.00	1.96	32.81	2.03	34.12	2.05	36.43	2.09	38.25	2.13
		70	29.16	1.91	30.97	1.98	32.78	2.05	34.09	2.08	36.41	2.12	38.22	2.16
		75	28.46	2.01	30.27	2.09	32.07	2.16	33.38	2.19	35.69	2.23	37.49	2.28
		80	27.76	2.12	29.56	2.20	31.36	2.28	32.66	2.30	34.97	2.34	36.77	2.39
		85	27.06	2.22	28.86	2.30	30.66	2.39	31.96	2.41	34.25	2.46	36.05	2.51
		90	26.37	2.32	28.16	2.41	29.95	2.50	31.25	2.53	33.54	2.57	35.33	2.62
		95	25.61	2.43	27.40	2.52	29.18	2.61	30.00	2.64	32.14	2.64	33.27	2.64
		100	25.31	2.53	27.12	2.62	28.08	2.64	28.68	2.64	30.69	2.64	31.72	2.64
		105	25.01	2.63	25.96	2.64	26.75	2.64	27.45	2.64	29.25	2.64	30.38	2.64
		110	23.81	2.64	24.70	2.64	25.53	2.64	26.32	2.64	28.01	2.64	29.06	2.64
		115	22.69	2.64	23.61	2.64	24.39	2.64	25.19	2.64	26.86	2.64	27.82	2.64
		118	22.06	2.64	22.92	2.64	23.72	2.64	24.64	2.64	26.18	2.64	27.15	2.64
		122	21.40	2.64	22.27	2.64	23.01	2.64	23.93	2.64	25.43	2.64	26.39	2.64
	12 + 18	-4	29.49	1.56	31.33	1.62	33.16	1.68	34.48	1.70	36.82	1.73	38.65	1.76
		0	29.48	1.58	31.31	1.64	33.14	1.70	34.46	1.71	36.80	1.75	38.63	1.78
		5	29.45	1.60	31.28	1.66	33.11	1.72	34.43	1.74	36.77	1.78	38.60	1.81
		10	29.43	1.63	31.26	1.69	33.09	1.75	34.41	1.77	36.74	1.80	38.57	1.84
		14	29.41	1.65	31.24	1.71	33.06	1.77	34.38	1.79	36.71	1.83	38.54	1.86
		20	29.39	1.67	31.21	1.74	33.04	1.80	34.35	1.82	36.69	1.85	38.51	1.89
		25	29.36	1.70	31.19	1.76	33.01	1.82	34.33	1.85	36.66	1.88	38.48	1.92
		30	29.34	1.72	31.16	1.78	32.99	1.85	34.30	1.87	36.63	1.91	38.45	1.94
		35	29.32	1.75	31.14	1.81	32.96	1.88	34.28	1.90	36.60	1.93	38.42	1.97
		40	29.30	1.77	31.12	1.83	32.94	1.90	34.25	1.92	36.57	1.96	38.39	2.00
		45	29.27	1.79	31.09	1.86	32.91	1.93	34.22	1.95	36.55	1.99	38.36	2.03
		50	29.25	1.82	31.07	1.88	32.89	1.95	34.20	1.97	36.52	2.01	38.34	2.05
		55	29.23	1.84	31.04	1.91	32.86	1.98	34.17	2.00	36.49	2.04	38.31	2.08
		60	29.21	1.86	31.02	1.93	32.83	2.00	34.14	2.03	36.46	2.06	38.28	2.11
		65	29.18	1.89	31.00	1.96	32.81	2.03	34.12	2.05	36.43	2.09	38.25	2.13
		70	29.16	1.91	30.97	1.98	32.78	2.05	34.09	2.08	36.41	2.12	38.22	2.16
		75	28.46	2.01	30.27	2.09	32.07	2.16	33.38	2.19	35.69	2.23	37.49	2.28
		80	27.76	2.12	29.56	2.20	31.36	2.28	32.66	2.30	34.97	2.34	36.77	2.39
		85	27.06	2.22	28.86	2.30	30.66	2.39	31.96	2.41	34.25	2.46	36.05	2.51
		90	26.37	2.32	28.16	2.41	29.95	2.50	31.25	2.53	33.54	2.57	35.33	2.62
		95	25.61	2.43	27.40	2.52	29.18	2.61	30.00	2.64	32.14	2.64	33.27	2.64
		100	25.31	2.53	27.12	2.62	28.08	2.64	28.68	2.64	30.69	2.64	31.72	2.64
		105	25.01	2.63	25.96	2.64	26.75	2.64	27.45	2.64	29.25	2.64	30.38	2.64
		110	23.81	2.64	24.70	2.64	25.53	2.64	26.32	2.64	28.01	2.64	29.06	2.64
		115	22.69	2.64	23.61	2.64	24.39	2.64	25.19	2.64	26.86	2.64	27.82	2.64
		118	22.06	2.64	22.92	2.64	23.72	2.64	24.64	2.64	26.18	2.64	27.15	2.64
		122	21.40	2.64	22.27	2.64	23.01	2.64	23.93	2.64	25.43	2.64	26.39	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 16: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15 + 15	-4	29.49	1.56	31.33	1.62	33.16	1.68	34.48	1.70	36.82	1.73	38.65	1.76
		0	29.48	1.58	31.31	1.64	33.14	1.70	34.46	1.71	36.80	1.75	38.63	1.78
		5	29.45	1.60	31.28	1.66	33.11	1.72	34.43	1.74	36.77	1.78	38.60	1.81
		10	29.43	1.63	31.26	1.69	33.09	1.75	34.41	1.77	36.74	1.80	38.57	1.84
		14	29.41	1.65	31.24	1.71	33.06	1.77	34.38	1.79	36.71	1.83	38.54	1.86
		20	29.39	1.67	31.21	1.74	33.04	1.80	34.35	1.82	36.69	1.85	38.51	1.89
		25	29.36	1.70	31.19	1.76	33.01	1.82	34.33	1.85	36.66	1.88	38.48	1.92
		30	29.34	1.72	31.16	1.78	32.99	1.85	34.30	1.87	36.63	1.91	38.45	1.94
		35	29.32	1.75	31.14	1.81	32.96	1.88	34.28	1.90	36.60	1.93	38.42	1.97
		40	29.30	1.77	31.12	1.83	32.94	1.90	34.25	1.92	36.57	1.96	38.39	2.00
		45	29.27	1.79	31.09	1.86	32.91	1.93	34.22	1.95	36.55	1.99	38.36	2.03
		50	29.25	1.82	31.07	1.88	32.89	1.95	34.20	1.97	36.52	2.01	38.34	2.05
		55	29.23	1.84	31.04	1.91	32.86	1.98	34.17	2.00	36.49	2.04	38.31	2.08
		60	29.21	1.86	31.02	1.93	32.83	2.00	34.14	2.03	36.46	2.06	38.28	2.11
		65	29.18	1.89	31.00	1.96	32.81	2.03	34.12	2.05	36.43	2.09	38.25	2.13
		70	29.16	1.91	30.97	1.98	32.78	2.05	34.09	2.08	36.41	2.12	38.22	2.16
		75	28.46	2.01	30.27	2.09	32.07	2.16	33.38	2.19	35.69	2.23	37.49	2.28
		80	27.76	2.12	29.56	2.20	31.36	2.28	32.66	2.30	34.97	2.34	36.77	2.39
		85	27.06	2.22	28.86	2.30	30.66	2.39	31.96	2.41	34.25	2.46	36.05	2.51
		90	26.37	2.32	28.16	2.41	29.95	2.50	31.25	2.53	33.54	2.57	35.33	2.62
		95	25.61	2.43	27.40	2.52	29.18	2.61	30.00	2.64	32.14	2.64	33.27	2.64
		100	25.31	2.53	27.12	2.62	28.08	2.64	28.68	2.64	30.69	2.64	31.72	2.64
		105	25.01	2.63	25.96	2.64	26.75	2.64	27.45	2.64	29.25	2.64	30.38	2.64
		110	23.81	2.64	24.70	2.64	25.53	2.64	26.32	2.64	28.01	2.64	29.06	2.64
		115	22.69	2.64	23.61	2.64	24.39	2.64	25.19	2.64	26.86	2.64	27.82	2.64
		118	22.06	2.64	22.92	2.64	23.72	2.64	24.64	2.64	26.18	2.64	27.15	2.64
		122	21.40	2.64	22.27	2.64	23.01	2.64	23.93	2.64	25.43	2.64	26.39	2.64
	15 + 18	-4	29.49	1.56	31.33	1.62	33.16	1.68	34.48	1.70	36.82	1.73	38.65	1.76
		0	29.48	1.58	31.31	1.64	33.14	1.70	34.46	1.71	36.80	1.75	38.63	1.78
		5	29.45	1.60	31.28	1.66	33.11	1.72	34.43	1.74	36.77	1.78	38.60	1.81
		10	29.43	1.63	31.26	1.69	33.09	1.75	34.41	1.77	36.74	1.80	38.57	1.84
		14	29.41	1.65	31.24	1.71	33.06	1.77	34.38	1.79	36.71	1.83	38.54	1.86
		20	29.39	1.67	31.21	1.74	33.04	1.80	34.35	1.82	36.69	1.85	38.51	1.89
		25	29.36	1.70	31.19	1.76	33.01	1.82	34.33	1.85	36.66	1.88	38.48	1.92
		30	29.34	1.72	31.16	1.78	32.99	1.85	34.30	1.87	36.63	1.91	38.45	1.94
		35	29.32	1.75	31.14	1.81	32.96	1.88	34.28	1.90	36.60	1.93	38.42	1.97
		40	29.30	1.77	31.12	1.83	32.94	1.90	34.25	1.92	36.57	1.96	38.39	2.00
		45	29.27	1.79	31.09	1.86	32.91	1.93	34.22	1.95	36.55	1.99	38.36	2.03
		50	29.25	1.82	31.07	1.88	32.89	1.95	34.20	1.97	36.52	2.01	38.34	2.05
		55	29.23	1.84	31.04	1.91	32.86	1.98	34.17	2.00	36.49	2.04	38.31	2.08
		60	29.21	1.86	31.02	1.93	32.83	2.00	34.14	2.03	36.46	2.06	38.28	2.11
		65	29.18	1.89	31.00	1.96	32.81	2.03	34.12	2.05	36.43	2.09	38.25	2.13
		70	29.16	1.91	30.97	1.98	32.78	2.05	34.09	2.08	36.41	2.12	38.22	2.16
		75	28.46	2.01	30.27	2.09	32.07	2.16	33.38	2.19	35.69	2.23	37.49	2.28
		80	27.76	2.12	29.56	2.20	31.36	2.28	32.66	2.30	34.97	2.34	36.77	2.39
		85	27.06	2.22	28.86	2.30	30.66	2.39	31.96	2.41	34.25	2.46	36.05	2.51
		90	26.37	2.32	28.16	2.41	29.95	2.50	31.25	2.53	33.54	2.57	35.33	2.62
		95	25.61	2.43	27.40	2.52	29.18	2.61	30.00	2.64	32.14	2.64	33.27	2.64
		100	25.31	2.53	27.12	2.62	28.08	2.64	28.68	2.64	30.69	2.64	31.72	2.64
		105	25.01	2.63	25.96	2.64	26.75	2.64	27.45	2.64	29.25	2.64	30.38	2.64
		110	23.81	2.64	24.70	2.64	25.53	2.64	26.32	2.64	28.01	2.64	29.06	2.64
		115	22.69	2.64	23.61	2.64	24.39	2.64	25.19	2.64	26.86	2.64	27.82	2.64
		118	22.06	2.64	22.92	2.64	23.72	2.64	24.64	2.64	26.18	2.64	27.15	2.64
		122	21.40	2.64	22.27	2.64	23.01	2.64	23.93	2.64	25.43	2.64	26.39	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 17: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 7 + 7	-4	25.81	1.40	27.41	1.45	29.01	1.50	30.17	1.52	32.22	1.54	33.82	1.58
		0	25.79	1.41	27.40	1.46	29.00	1.52	30.15	1.53	32.20	1.56	33.80	1.59
		5	25.77	1.43	27.37	1.49	28.97	1.54	30.13	1.56	32.17	1.59	33.77	1.62
		10	25.75	1.45	27.35	1.51	28.95	1.56	30.11	1.58	32.15	1.61	33.75	1.64
		14	25.73	1.48	27.33	1.53	28.93	1.59	30.08	1.60	32.13	1.63	33.72	1.67
		20	25.71	1.50	27.31	1.55	28.91	1.61	30.06	1.63	32.10	1.66	33.70	1.69
		25	25.69	1.52	27.29	1.57	28.88	1.63	30.04	1.65	32.08	1.68	33.67	1.71
		30	25.67	1.54	27.27	1.60	28.86	1.65	30.01	1.67	32.05	1.70	33.65	1.74
		35	25.65	1.56	27.25	1.62	28.84	1.68	29.99	1.70	32.03	1.73	33.62	1.76
		40	25.63	1.58	27.23	1.64	28.82	1.70	29.97	1.72	32.00	1.75	33.59	1.79
		45	25.62	1.60	27.21	1.66	28.80	1.72	29.95	1.74	31.98	1.77	33.57	1.81
		50	25.60	1.62	27.19	1.68	28.77	1.74	29.92	1.76	31.95	1.80	33.54	1.83
		55	25.58	1.65	27.16	1.71	28.75	1.77	29.90	1.79	31.93	1.82	33.52	1.86
		60	25.56	1.67	27.14	1.73	28.73	1.79	29.88	1.81	31.90	1.84	33.49	1.88
		65	25.54	1.69	27.12	1.75	28.71	1.81	29.85	1.83	31.88	1.87	33.47	1.91
		70	25.52	1.71	27.10	1.77	28.69	1.84	29.83	1.86	31.86	1.89	33.44	1.93
		75	24.90	1.80	26.48	1.87	28.06	1.93	29.21	1.96	31.23	1.99	32.81	2.03
		80	24.29	1.89	25.87	1.96	27.44	2.03	28.58	2.06	30.60	2.10	32.17	2.14
		85	23.68	1.99	25.25	2.06	26.83	2.13	27.96	2.16	29.97	2.20	31.55	2.24
		90	23.07	2.08	24.64	2.15	26.21	2.23	27.34	2.26	29.35	2.30	30.92	2.35
		95	22.41	2.17	23.97	2.25	25.53	2.33	26.25	2.36	28.66	2.40	30.22	2.45
		100	22.15	2.26	23.73	2.34	25.31	2.43	26.14	2.46	28.48	2.50	30.06	2.55
		105	21.88	2.35	23.49	2.44	25.09	2.53	26.02	2.56	28.31	2.61	29.69	2.64
		110	21.62	2.45	23.25	2.54	24.87	2.63	25.72	2.64	27.40	2.64	28.47	2.64
		115	21.36	2.54	23.01	2.63	23.84	2.64	24.67	2.64	26.27	2.64	27.23	2.64
		118	21.20	2.59	22.44	2.64	23.20	2.64	24.09	2.64	25.62	2.64	26.59	2.64
		122	20.90	2.64	21.74	2.64	22.52	2.64	23.40	2.64	24.90	2.64	25.86	2.64
	7 + 7 + 9	-4	27.13	1.41	28.82	1.46	30.51	1.51	31.72	1.53	33.88	1.56	35.56	1.59
		0	27.12	1.42	28.80	1.47	30.49	1.53	31.70	1.54	33.86	1.57	35.54	1.60
		5	27.10	1.44	28.78	1.50	30.46	1.55	31.68	1.57	33.83	1.60	35.51	1.63
		10	27.08	1.47	28.76	1.52	30.44	1.57	31.65	1.59	33.80	1.62	35.48	1.66
		14	27.06	1.49	28.74	1.54	30.42	1.60	31.63	1.62	33.78	1.65	35.46	1.68
		20	27.04	1.51	28.71	1.56	30.39	1.62	31.61	1.64	33.75	1.67	35.43	1.70
		25	27.01	1.53	28.69	1.59	30.37	1.64	31.58	1.66	33.73	1.69	35.40	1.73
		30	26.99	1.55	28.67	1.61	30.35	1.67	31.56	1.69	33.70	1.72	35.38	1.75
		35	26.97	1.57	28.65	1.63	30.32	1.69	31.53	1.71	33.67	1.74	35.35	1.78
		40	26.95	1.59	28.63	1.65	30.30	1.71	31.51	1.73	33.65	1.76	35.32	1.80
		45	26.93	1.62	28.61	1.67	30.28	1.74	31.49	1.76	33.62	1.79	35.30	1.82
		50	26.91	1.64	28.58	1.70	30.25	1.76	31.46	1.78	33.60	1.81	35.27	1.85
		55	26.89	1.66	28.56	1.72	30.23	1.78	31.44	1.80	33.57	1.84	35.24	1.87
		60	26.87	1.68	28.54	1.74	30.21	1.80	31.41	1.82	33.55	1.86	35.21	1.90
		65	26.85	1.70	28.52	1.76	30.18	1.83	31.39	1.85	33.52	1.88	35.19	1.92
		70	26.83	1.72	28.50	1.78	30.16	1.85	31.37	1.87	33.49	1.91	35.16	1.94
		75	26.18	1.81	27.85	1.88	29.51	1.95	30.71	1.97	32.83	2.01	34.49	2.05
		80	25.54	1.91	27.20	1.98	28.85	2.05	30.05	2.07	32.17	2.11	33.83	2.15
		85	24.90	2.00	26.55	2.07	28.21	2.15	29.40	2.17	31.51	2.21	33.17	2.26
		90	24.26	2.09	25.91	2.17	27.56	2.25	28.75	2.28	30.86	2.32	32.51	2.36
		95	23.56	2.19	25.21	2.27	26.85	2.35	27.60	2.38	30.13	2.42	31.77	2.47
		100	23.29	2.28	24.95	2.36	26.62	2.45	27.48	2.48	29.95	2.52	31.61	2.57
		105	23.01	2.37	24.70	2.46	26.38	2.55	27.36	2.58	29.76	2.63	30.98	2.64
		110	22.73	2.47	24.44	2.56	26.05	2.64	26.83	2.64	28.60	2.64	29.71	2.64
		115	22.45	2.56	24.10	2.64	24.88	2.64	25.75	2.64	27.42	2.64	28.44	2.64
		118	22.29	2.61	23.42	2.64	24.22	2.64	25.15	2.64	26.75	2.64	27.77	2.64
		122	21.82	2.64	22.70	2.64	23.51	2.64	24.43	2.64	25.91	2.64	26.92	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 18: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 9 + 9	-4	29.49	1.47	31.33	1.53	33.16	1.58	34.48	1.60	36.82	1.63	38.65	1.67
		0	29.48	1.49	31.31	1.54	33.14	1.60	34.46	1.62	36.80	1.65	38.63	1.68
		5	29.45	1.51	31.28	1.57	33.11	1.63	34.43	1.65	36.77	1.68	38.60	1.71
		10	29.43	1.54	31.26	1.59	33.09	1.65	34.41	1.67	36.74	1.70	38.57	1.74
		14	29.41	1.56	31.24	1.62	33.06	1.68	34.38	1.69	36.71	1.73	38.54	1.76
		20	29.39	1.58	31.21	1.64	33.04	1.70	34.35	1.72	36.69	1.75	38.51	1.79
		25	29.36	1.60	31.19	1.66	33.01	1.72	34.33	1.74	36.66	1.78	38.48	1.81
		30	29.34	1.63	31.16	1.69	32.99	1.75	34.30	1.77	36.63	1.80	38.45	1.84
		35	29.32	1.65	31.14	1.71	32.96	1.77	34.28	1.79	36.60	1.83	38.42	1.86
		40	29.30	1.67	31.12	1.73	32.94	1.80	34.25	1.82	36.57	1.85	38.39	1.89
		45	29.27	1.69	31.09	1.76	32.91	1.82	34.22	1.84	36.55	1.88	38.36	1.91
		50	29.25	1.72	31.07	1.78	32.89	1.84	34.20	1.87	36.52	1.90	38.34	1.94
		55	29.23	1.74	31.04	1.80	32.86	1.87	34.17	1.89	36.49	1.92	38.31	1.96
		60	29.21	1.76	31.02	1.83	32.83	1.89	34.14	1.91	36.46	1.95	38.28	1.99
		65	29.18	1.78	31.00	1.85	32.81	1.92	34.12	1.94	36.43	1.97	38.25	2.01
		70	29.16	1.81	30.97	1.87	32.78	1.94	34.09	1.96	36.41	2.00	38.22	2.04
		75	28.46	1.90	30.27	1.97	32.07	2.04	33.38	2.07	35.69	2.11	37.49	2.15
		80	27.76	2.00	29.56	2.07	31.36	2.15	32.66	2.17	34.97	2.22	36.77	2.26
		85	27.06	2.10	28.86	2.17	30.66	2.25	31.96	2.28	34.25	2.32	36.05	2.37
		90	26.37	2.20	28.16	2.28	29.95	2.36	31.25	2.39	33.54	2.43	35.33	2.48
		95	25.61	2.29	27.40	2.38	29.18	2.46	30.00	2.49	32.75	2.54	34.53	2.59
		100	25.31	2.39	27.12	2.48	28.93	2.57	29.87	2.60	32.43	2.64	33.60	2.64
		105	25.01	2.49	26.84	2.58	28.36	2.64	29.08	2.64	31.06	2.64	32.11	2.64
		110	24.71	2.59	26.17	2.64	27.00	2.64	27.82	2.64	29.68	2.64	30.75	2.64
		115	24.05	2.64	24.97	2.64	25.83	2.64	26.65	2.64	28.40	2.64	29.48	2.64
		118	23.35	2.64	24.29	2.64	25.08	2.64	26.05	2.64	27.73	2.64	28.72	2.64
		122	22.62	2.64	23.57	2.64	24.38	2.64	25.34	2.64	26.90	2.64	27.97	2.64
	7 + 7 + 12	-4	29.49	1.47	31.33	1.53	33.16	1.58	34.48	1.60	36.82	1.63	38.65	1.67
		0	29.48	1.49	31.31	1.54	33.14	1.60	34.46	1.62	36.80	1.65	38.63	1.68
		5	29.45	1.51	31.28	1.57	33.11	1.63	34.43	1.65	36.77	1.68	38.60	1.71
		10	29.43	1.54	31.26	1.59	33.09	1.65	34.41	1.67	36.74	1.70	38.57	1.74
		14	29.41	1.56	31.24	1.62	33.06	1.68	34.38	1.69	36.71	1.73	38.54	1.76
		20	29.39	1.58	31.21	1.64	33.04	1.70	34.35	1.72	36.69	1.75	38.51	1.79
		25	29.36	1.60	31.19	1.66	33.01	1.72	34.33	1.74	36.66	1.78	38.48	1.81
		30	29.34	1.63	31.16	1.69	32.99	1.75	34.30	1.77	36.63	1.80	38.45	1.84
		35	29.32	1.65	31.14	1.71	32.96	1.77	34.28	1.79	36.60	1.83	38.42	1.86
		40	29.30	1.67	31.12	1.73	32.94	1.80	34.25	1.82	36.57	1.85	38.39	1.89
		45	29.27	1.69	31.09	1.76	32.91	1.82	34.22	1.84	36.55	1.88	38.36	1.91
		50	29.25	1.72	31.07	1.78	32.89	1.84	34.20	1.87	36.52	1.90	38.34	1.94
		55	29.23	1.74	31.04	1.80	32.86	1.87	34.17	1.89	36.49	1.92	38.31	1.96
		60	29.21	1.76	31.02	1.83	32.83	1.89	34.14	1.91	36.46	1.95	38.28	1.99
		65	29.18	1.78	31.00	1.85	32.81	1.92	34.12	1.94	36.43	1.97	38.25	2.01
		70	29.16	1.81	30.97	1.87	32.78	1.94	34.09	1.96	36.41	2.00	38.22	2.04
		75	28.46	1.90	30.27	1.97	32.07	2.04	33.38	2.07	35.69	2.11	37.49	2.15
		80	27.76	2.00	29.56	2.07	31.36	2.15	32.66	2.17	34.97	2.22	36.77	2.26
		85	27.06	2.10	28.86	2.17	30.66	2.25	31.96	2.28	34.25	2.32	36.05	2.37
		90	26.37	2.20	28.16	2.28	29.95	2.36	31.25	2.39	33.54	2.43	35.33	2.48
		95	25.61	2.29	27.40	2.38	29.18	2.46	30.00	2.49	32.75	2.54	34.53	2.59
		100	25.31	2.39	27.12	2.48	28.93	2.57	29.87	2.60	32.43	2.64	33.60	2.64
		105	25.01	2.49	26.84	2.58	28.36	2.64	29.08	2.64	31.06	2.64	32.11	2.64
		110	24.71	2.59	26.17	2.64	27.00	2.64	27.82	2.64	29.68	2.64	30.75	2.64
		115	24.05	2.64	24.97	2.64	25.83	2.64	26.65	2.64	28.40	2.64	29.48	2.64
		118	23.35	2.64	24.29	2.64	25.08	2.64	26.05	2.64	27.73	2.64	28.72	2.64
		122	22.62	2.64	23.57	2.64	24.38	2.64	25.34	2.64	26.90	2.64	27.97	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 19: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	-4	29.49	1.47	31.33	1.53	33.16	1.58	34.48	1.60	36.82	1.63	38.65	1.67
		0	29.48	1.49	31.31	1.54	33.14	1.60	34.46	1.62	36.80	1.65	38.63	1.68
		5	29.45	1.51	31.28	1.57	33.11	1.63	34.43	1.65	36.77	1.68	38.60	1.71
		10	29.43	1.54	31.26	1.59	33.09	1.65	34.41	1.67	36.74	1.70	38.57	1.74
		14	29.41	1.56	31.24	1.62	33.06	1.68	34.38	1.69	36.71	1.73	38.54	1.76
		20	29.39	1.58	31.21	1.64	33.04	1.70	34.35	1.72	36.69	1.75	38.51	1.79
		25	29.36	1.60	31.19	1.66	33.01	1.72	34.33	1.74	36.66	1.78	38.48	1.81
		30	29.34	1.63	31.16	1.69	32.99	1.75	34.30	1.77	36.63	1.80	38.45	1.84
		35	29.32	1.65	31.14	1.71	32.96	1.77	34.28	1.79	36.60	1.83	38.42	1.86
		40	29.30	1.67	31.12	1.73	32.94	1.80	34.25	1.82	36.57	1.85	38.39	1.89
		45	29.27	1.69	31.09	1.76	32.91	1.82	34.22	1.84	36.55	1.88	38.36	1.91
		50	29.25	1.72	31.07	1.78	32.89	1.84	34.20	1.87	36.52	1.90	38.34	1.94
		55	29.23	1.74	31.04	1.80	32.86	1.87	34.17	1.89	36.49	1.92	38.31	1.96
		60	29.21	1.76	31.02	1.83	32.83	1.89	34.14	1.91	36.46	1.95	38.28	1.99
		65	29.18	1.78	31.00	1.85	32.81	1.92	34.12	1.94	36.43	1.97	38.25	2.01
		70	29.16	1.81	30.97	1.87	32.78	1.94	34.09	1.96	36.41	2.00	38.22	2.04
		75	28.46	1.90	30.27	1.97	32.07	2.04	33.38	2.07	35.69	2.11	37.49	2.15
		80	27.76	2.00	29.56	2.07	31.36	2.15	32.66	2.17	34.97	2.22	36.77	2.26
		85	27.06	2.10	28.86	2.17	30.66	2.25	31.96	2.28	34.25	2.32	36.05	2.37
		90	26.37	2.20	28.16	2.28	29.95	2.36	31.25	2.39	33.54	2.43	35.33	2.48
		95	25.61	2.29	27.40	2.38	29.18	2.46	30.00	2.49	32.75	2.54	34.53	2.59
		100	25.31	2.39	27.12	2.48	28.93	2.57	29.87	2.60	32.43	2.64	33.60	2.64
		105	25.01	2.49	26.84	2.58	28.36	2.64	29.08	2.64	31.06	2.64	32.11	2.64
		110	24.71	2.59	26.17	2.64	27.00	2.64	27.82	2.64	29.68	2.64	30.75	2.64
		115	24.05	2.64	24.97	2.64	25.83	2.64	26.65	2.64	28.40	2.64	29.48	2.64
		118	23.35	2.64	24.29	2.64	25.08	2.64	26.05	2.64	27.73	2.64	28.72	2.64
		122	22.62	2.64	23.57	2.64	24.38	2.64	25.34	2.64	26.90	2.64	27.97	2.64
	7 + 9 + 12	-4	29.49	1.47	31.33	1.53	33.16	1.58	34.48	1.60	36.82	1.63	38.65	1.67
		0	29.48	1.49	31.31	1.54	33.14	1.60	34.46	1.62	36.80	1.65	38.63	1.68
		5	29.45	1.51	31.28	1.57	33.11	1.63	34.43	1.65	36.77	1.68	38.60	1.71
		10	29.43	1.54	31.26	1.59	33.09	1.65	34.41	1.67	36.74	1.70	38.57	1.74
		14	29.41	1.56	31.24	1.62	33.06	1.68	34.38	1.69	36.71	1.73	38.54	1.76
		20	29.39	1.58	31.21	1.64	33.04	1.70	34.35	1.72	36.69	1.75	38.51	1.79
		25	29.36	1.60	31.19	1.66	33.01	1.72	34.33	1.74	36.66	1.78	38.48	1.81
		30	29.34	1.63	31.16	1.69	32.99	1.75	34.30	1.77	36.63	1.80	38.45	1.84
		35	29.32	1.65	31.14	1.71	32.96	1.77	34.28	1.79	36.60	1.83	38.42	1.86
		40	29.30	1.67	31.12	1.73	32.94	1.80	34.25	1.82	36.57	1.85	38.39	1.89
		45	29.27	1.69	31.09	1.76	32.91	1.82	34.22	1.84	36.55	1.88	38.36	1.91
		50	29.25	1.72	31.07	1.78	32.89	1.84	34.20	1.87	36.52	1.90	38.34	1.94
		55	29.23	1.74	31.04	1.80	32.86	1.87	34.17	1.89	36.49	1.92	38.31	1.96
		60	29.21	1.76	31.02	1.83	32.83	1.89	34.14	1.91	36.46	1.95	38.28	1.99
		65	29.18	1.78	31.00	1.85	32.81	1.92	34.12	1.94	36.43	1.97	38.25	2.01
		70	29.16	1.81	30.97	1.87	32.78	1.94	34.09	1.96	36.41	2.00	38.22	2.04
		75	28.46	1.90	30.27	1.97	32.07	2.04	33.38	2.07	35.69	2.11	37.49	2.15
		80	27.76	2.00	29.56	2.07	31.36	2.15	32.66	2.17	34.97	2.22	36.77	2.26
		85	27.06	2.10	28.86	2.17	30.66	2.25	31.96	2.28	34.25	2.32	36.05	2.37
		90	26.37	2.20	28.16	2.28	29.95	2.36	31.25	2.39	33.54	2.43	35.33	2.48
		95	25.61	2.29	27.40	2.38	29.18	2.46	30.00	2.49	32.75	2.54	34.53	2.59
		100	25.31	2.39	27.12	2.48	28.93	2.57	29.87	2.60	32.43	2.64	33.60	2.64
		105	25.01	2.49	26.84	2.58	28.36	2.64	29.08	2.64	31.06	2.64	32.11	2.64
		110	24.71	2.59	26.17	2.64	27.00	2.64	27.82	2.64	29.68	2.64	30.75	2.64
		115	24.05	2.64	24.97	2.64	25.83	2.64	26.65	2.64	28.40	2.64	29.48	2.64
		118	23.35	2.64	24.29	2.64	25.08	2.64	26.05	2.64	27.73	2.64	28.72	2.64
		122	22.62	2.64	23.57	2.64	24.38	2.64	25.34	2.64	26.90	2.64	27.97	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 20: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 7 + 15	-4	29.49	1.47	31.33	1.53	33.16	1.58	34.48	1.60	36.82	1.63	38.65	1.67
		0	29.48	1.49	31.31	1.54	33.14	1.60	34.46	1.62	36.80	1.65	38.63	1.68
		5	29.45	1.51	31.28	1.57	33.11	1.63	34.43	1.65	36.77	1.68	38.60	1.71
		10	29.43	1.54	31.26	1.59	33.09	1.65	34.41	1.67	36.74	1.70	38.57	1.74
		14	29.41	1.56	31.24	1.62	33.06	1.68	34.38	1.69	36.71	1.73	38.54	1.76
		20	29.39	1.58	31.21	1.64	33.04	1.70	34.35	1.72	36.69	1.75	38.51	1.79
		25	29.36	1.60	31.19	1.66	33.01	1.72	34.33	1.74	36.66	1.78	38.48	1.81
		30	29.34	1.63	31.16	1.69	32.99	1.75	34.30	1.77	36.63	1.80	38.45	1.84
		35	29.32	1.65	31.14	1.71	32.96	1.77	34.28	1.79	36.60	1.83	38.42	1.86
		40	29.30	1.67	31.12	1.73	32.94	1.80	34.25	1.82	36.57	1.85	38.39	1.89
		45	29.27	1.69	31.09	1.76	32.91	1.82	34.22	1.84	36.55	1.88	38.36	1.91
		50	29.25	1.72	31.07	1.78	32.89	1.84	34.20	1.87	36.52	1.90	38.34	1.94
		55	29.23	1.74	31.04	1.80	32.86	1.87	34.17	1.89	36.49	1.92	38.31	1.96
		60	29.21	1.76	31.02	1.83	32.83	1.89	34.14	1.91	36.46	1.95	38.28	1.99
		65	29.18	1.78	31.00	1.85	32.81	1.92	34.12	1.94	36.43	1.97	38.25	2.01
		70	29.16	1.81	30.97	1.87	32.78	1.94	34.09	1.96	36.41	2.00	38.22	2.04
		75	28.46	1.90	30.27	1.97	32.07	2.04	33.38	2.07	35.69	2.11	37.49	2.15
		80	27.76	2.00	29.56	2.07	31.36	2.15	32.66	2.17	34.97	2.22	36.77	2.26
		85	27.06	2.10	28.86	2.17	30.66	2.25	31.96	2.28	34.25	2.32	36.05	2.37
		90	26.37	2.20	28.16	2.28	29.95	2.36	31.25	2.39	33.54	2.43	35.33	2.48
		95	25.61	2.29	27.40	2.38	29.18	2.46	30.00	2.49	32.75	2.54	34.53	2.59
		100	25.31	2.39	27.12	2.48	28.93	2.57	29.87	2.60	32.43	2.64	33.60	2.64
		105	25.01	2.49	26.84	2.58	28.36	2.64	29.08	2.64	31.06	2.64	32.11	2.64
		110	24.71	2.59	26.17	2.64	27.00	2.64	27.82	2.64	29.68	2.64	30.75	2.64
		115	24.05	2.64	24.97	2.64	25.83	2.64	26.65	2.64	28.40	2.64	29.48	2.64
		118	23.35	2.64	24.29	2.64	25.08	2.64	26.05	2.64	27.73	2.64	28.72	2.64
		122	22.62	2.64	23.57	2.64	24.38	2.64	25.34	2.64	26.90	2.64	27.97	2.64
	9 + 9 + 12	-4	29.49	1.47	31.33	1.53	33.16	1.58	34.48	1.60	36.82	1.63	38.65	1.67
		0	29.48	1.49	31.31	1.54	33.14	1.60	34.46	1.62	36.80	1.65	38.63	1.68
		5	29.45	1.51	31.28	1.57	33.11	1.63	34.43	1.65	36.77	1.68	38.60	1.71
		10	29.43	1.54	31.26	1.59	33.09	1.65	34.41	1.67	36.74	1.70	38.57	1.74
		14	29.41	1.56	31.24	1.62	33.06	1.68	34.38	1.69	36.71	1.73	38.54	1.76
		20	29.39	1.58	31.21	1.64	33.04	1.70	34.35	1.72	36.69	1.75	38.51	1.79
		25	29.36	1.60	31.19	1.66	33.01	1.72	34.33	1.74	36.66	1.78	38.48	1.81
		30	29.34	1.63	31.16	1.69	32.99	1.75	34.30	1.77	36.63	1.80	38.45	1.84
		35	29.32	1.65	31.14	1.71	32.96	1.77	34.28	1.79	36.60	1.83	38.42	1.86
		40	29.30	1.67	31.12	1.73	32.94	1.80	34.25	1.82	36.57	1.85	38.39	1.89
		45	29.27	1.69	31.09	1.76	32.91	1.82	34.22	1.84	36.55	1.88	38.36	1.91
		50	29.25	1.72	31.07	1.78	32.89	1.84	34.20	1.87	36.52	1.90	38.34	1.94
		55	29.23	1.74	31.04	1.80	32.86	1.87	34.17	1.89	36.49	1.92	38.31	1.96
		60	29.21	1.76	31.02	1.83	32.83	1.89	34.14	1.91	36.46	1.95	38.28	1.99
		65	29.18	1.78	31.00	1.85	32.81	1.92	34.12	1.94	36.43	1.97	38.25	2.01
		70	29.16	1.81	30.97	1.87	32.78	1.94	34.09	1.96	36.41	2.00	38.22	2.04
		75	28.46	1.90	30.27	1.97	32.07	2.04	33.38	2.07	35.69	2.11	37.49	2.15
		80	27.76	2.00	29.56	2.07	31.36	2.15	32.66	2.17	34.97	2.22	36.77	2.26
		85	27.06	2.10	28.86	2.17	30.66	2.25	31.96	2.28	34.25	2.32	36.05	2.37
		90	26.37	2.20	28.16	2.28	29.95	2.36	31.25	2.39	33.54	2.43	35.33	2.48
		95	25.61	2.29	27.40	2.38	29.18	2.46	30.00	2.49	32.75	2.54	34.53	2.59
		100	25.31	2.39	27.12	2.48	28.93	2.57	29.87	2.60	32.43	2.64	33.60	2.64
		105	25.01	2.49	26.84	2.58	28.36	2.64	29.08	2.64	31.06	2.64	32.11	2.64
		110	24.71	2.59	26.17	2.64	27.00	2.64	27.82	2.64	29.68	2.64	30.75	2.64
		115	24.05	2.64	24.97	2.64	25.83	2.64	26.65	2.64	28.40	2.64	29.48	2.64
		118	23.35	2.64	24.29	2.64	25.08	2.64	26.05	2.64	27.73	2.64	28.72	2.64
		122	22.62	2.64	23.57	2.64	24.38	2.64	25.34	2.64	26.90	2.64	27.97	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 21: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 9 + 15	-4	29.49	1.47	31.33	1.53	33.16	1.58	34.48	1.60	36.82	1.63	38.65	1.67
		0	29.48	1.49	31.31	1.54	33.14	1.60	34.46	1.62	36.80	1.65	38.63	1.68
		5	29.45	1.51	31.28	1.57	33.11	1.63	34.43	1.65	36.77	1.68	38.60	1.71
		10	29.43	1.54	31.26	1.59	33.09	1.65	34.41	1.67	36.74	1.70	38.57	1.74
		14	29.41	1.56	31.24	1.62	33.06	1.68	34.38	1.69	36.71	1.73	38.54	1.76
		20	29.39	1.58	31.21	1.64	33.04	1.70	34.35	1.72	36.69	1.75	38.51	1.79
		25	29.36	1.60	31.19	1.66	33.01	1.72	34.33	1.74	36.66	1.78	38.48	1.81
		30	29.34	1.63	31.16	1.69	32.99	1.75	34.30	1.77	36.63	1.80	38.45	1.84
		35	29.32	1.65	31.14	1.71	32.96	1.77	34.28	1.79	36.60	1.83	38.42	1.86
		40	29.30	1.67	31.12	1.73	32.94	1.80	34.25	1.82	36.57	1.85	38.39	1.89
		45	29.27	1.69	31.09	1.76	32.91	1.82	34.22	1.84	36.55	1.88	38.36	1.91
		50	29.25	1.72	31.07	1.78	32.89	1.84	34.20	1.87	36.52	1.90	38.34	1.94
		55	29.23	1.74	31.04	1.80	32.86	1.87	34.17	1.89	36.49	1.92	38.31	1.96
		60	29.21	1.76	31.02	1.83	32.83	1.89	34.14	1.91	36.46	1.95	38.28	1.99
		65	29.18	1.78	31.00	1.85	32.81	1.92	34.12	1.94	36.43	1.97	38.25	2.01
		70	29.16	1.81	30.97	1.87	32.78	1.94	34.09	1.96	36.41	2.00	38.22	2.04
		75	28.46	1.90	30.27	1.97	32.07	2.04	33.38	2.07	35.69	2.11	37.49	2.15
		80	27.76	2.00	29.56	2.07	31.36	2.15	32.66	2.17	34.97	2.22	36.77	2.26
		85	27.06	2.10	28.86	2.17	30.66	2.25	31.96	2.28	34.25	2.32	36.05	2.37
		90	26.37	2.20	28.16	2.28	29.95	2.36	31.25	2.39	33.54	2.43	35.33	2.48
		95	25.61	2.29	27.40	2.38	29.18	2.46	30.00	2.49	32.75	2.54	34.53	2.59
		100	25.31	2.39	27.12	2.48	28.93	2.57	29.87	2.60	32.43	2.64	33.60	2.64
		105	25.01	2.49	26.84	2.58	28.36	2.64	29.08	2.64	31.06	2.64	32.11	2.64
		110	24.71	2.59	26.17	2.64	27.00	2.64	27.82	2.64	29.68	2.64	30.75	2.64
		115	24.05	2.64	24.97	2.64	25.83	2.64	26.65	2.64	28.40	2.64	29.48	2.64
		118	23.35	2.64	24.29	2.64	25.08	2.64	26.05	2.64	27.73	2.64	28.72	2.64
		122	22.62	2.64	23.57	2.64	24.38	2.64	25.34	2.64	26.90	2.64	27.97	2.64
	7 + 12 + 12	-4	29.49	1.47	31.33	1.53	33.16	1.58	34.48	1.60	36.82	1.63	38.65	1.67
		0	29.48	1.49	31.31	1.54	33.14	1.60	34.46	1.62	36.80	1.65	38.63	1.68
		5	29.45	1.51	31.28	1.57	33.11	1.63	34.43	1.65	36.77	1.68	38.60	1.71
		10	29.43	1.54	31.26	1.59	33.09	1.65	34.41	1.67	36.74	1.70	38.57	1.74
		14	29.41	1.56	31.24	1.62	33.06	1.68	34.38	1.69	36.71	1.73	38.54	1.76
		20	29.39	1.58	31.21	1.64	33.04	1.70	34.35	1.72	36.69	1.75	38.51	1.79
		25	29.36	1.60	31.19	1.66	33.01	1.72	34.33	1.74	36.66	1.78	38.48	1.81
		30	29.34	1.63	31.16	1.69	32.99	1.75	34.30	1.77	36.63	1.80	38.45	1.84
		35	29.32	1.65	31.14	1.71	32.96	1.77	34.28	1.79	36.60	1.83	38.42	1.86
		40	29.30	1.67	31.12	1.73	32.94	1.80	34.25	1.82	36.57	1.85	38.39	1.89
		45	29.27	1.69	31.09	1.76	32.91	1.82	34.22	1.84	36.55	1.88	38.36	1.91
		50	29.25	1.72	31.07	1.78	32.89	1.84	34.20	1.87	36.52	1.90	38.34	1.94
		55	29.23	1.74	31.04	1.80	32.86	1.87	34.17	1.89	36.49	1.92	38.31	1.96
		60	29.21	1.76	31.02	1.83	32.83	1.89	34.14	1.91	36.46	1.95	38.28	1.99
		65	29.18	1.78	31.00	1.85	32.81	1.92	34.12	1.94	36.43	1.97	38.25	2.01
		70	29.16	1.81	30.97	1.87	32.78	1.94	34.09	1.96	36.41	2.00	38.22	2.04
		75	28.46	1.90	30.27	1.97	32.07	2.04	33.38	2.07	35.69	2.11	37.49	2.15
		80	27.76	2.00	29.56	2.07	31.36	2.15	32.66	2.17	34.97	2.22	36.77	2.26
		85	27.06	2.10	28.86	2.17	30.66	2.25	31.96	2.28	34.25	2.32	36.05	2.37
		90	26.37	2.20	28.16	2.28	29.95	2.36	31.25	2.39	33.54	2.43	35.33	2.48
		95	25.61	2.29	27.40	2.38	29.18	2.46	30.00	2.49	32.75	2.54	34.53	2.59
		100	25.31	2.39	27.12	2.48	28.93	2.57	29.87	2.60	32.43	2.64	33.60	2.64
		105	25.01	2.49	26.84	2.58	28.36	2.64	29.08	2.64	31.06	2.64	32.11	2.64
		110	24.71	2.59	26.17	2.64	27.00	2.64	27.82	2.64	29.68	2.64	30.75	2.64
		115	24.05	2.64	24.97	2.64	25.83	2.64	26.65	2.64	28.40	2.64	29.48	2.64
		118	23.35	2.64	24.29	2.64	25.08	2.64	26.05	2.64	27.73	2.64	28.72	2.64
		122	22.62	2.64	23.57	2.64	24.38	2.64	25.34	2.64	26.90	2.64	27.97	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 22: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 7 + 18	-4	29.49	1.47	31.33	1.53	33.16	1.58	34.48	1.60	36.82	1.63	38.65	1.67
		0	29.48	1.49	31.31	1.54	33.14	1.60	34.46	1.62	36.80	1.65	38.63	1.68
		5	29.45	1.51	31.28	1.57	33.11	1.63	34.43	1.65	36.77	1.68	38.60	1.71
		10	29.43	1.54	31.26	1.59	33.09	1.65	34.41	1.67	36.74	1.70	38.57	1.74
		14	29.41	1.56	31.24	1.62	33.06	1.68	34.38	1.69	36.71	1.73	38.54	1.76
		20	29.39	1.58	31.21	1.64	33.04	1.70	34.35	1.72	36.69	1.75	38.51	1.79
		25	29.36	1.60	31.19	1.66	33.01	1.72	34.33	1.74	36.66	1.78	38.48	1.81
		30	29.34	1.63	31.16	1.69	32.99	1.75	34.30	1.77	36.63	1.80	38.45	1.84
		35	29.32	1.65	31.14	1.71	32.96	1.77	34.28	1.79	36.60	1.83	38.42	1.86
		40	29.30	1.67	31.12	1.73	32.94	1.80	34.25	1.82	36.57	1.85	38.39	1.89
		45	29.27	1.69	31.09	1.76	32.91	1.82	34.22	1.84	36.55	1.88	38.36	1.91
		50	29.25	1.72	31.07	1.78	32.89	1.84	34.20	1.87	36.52	1.90	38.34	1.94
		55	29.23	1.74	31.04	1.80	32.86	1.87	34.17	1.89	36.49	1.92	38.31	1.96
		60	29.21	1.76	31.02	1.83	32.83	1.89	34.14	1.91	36.46	1.95	38.28	1.99
		65	29.18	1.78	31.00	1.85	32.81	1.92	34.12	1.94	36.43	1.97	38.25	2.01
		70	29.16	1.81	30.97	1.87	32.78	1.94	34.09	1.96	36.41	2.00	38.22	2.04
		75	28.46	1.90	30.27	1.97	32.07	2.04	33.38	2.07	35.69	2.11	37.49	2.15
		80	27.76	2.00	29.56	2.07	31.36	2.15	32.66	2.17	34.97	2.22	36.77	2.26
		85	27.06	2.10	28.86	2.17	30.66	2.25	31.96	2.28	34.25	2.32	36.05	2.37
		90	26.37	2.20	28.16	2.28	29.95	2.36	31.25	2.39	33.54	2.43	35.33	2.48
		95	25.61	2.29	27.40	2.38	29.18	2.46	30.00	2.49	32.75	2.54	34.53	2.59
		100	25.31	2.39	27.12	2.48	28.93	2.57	29.87	2.60	32.43	2.64	33.60	2.64
		105	25.01	2.49	26.84	2.58	28.36	2.64	29.08	2.64	31.06	2.64	32.11	2.64
		110	24.71	2.59	26.17	2.64	27.00	2.64	27.82	2.64	29.68	2.64	30.75	2.64
		115	24.05	2.64	24.97	2.64	25.83	2.64	26.65	2.64	28.40	2.64	29.48	2.64
		118	23.35	2.64	24.29	2.64	25.08	2.64	26.05	2.64	27.73	2.64	28.72	2.64
		122	22.62	2.64	23.57	2.64	24.38	2.64	25.34	2.64	26.90	2.64	27.97	2.64
	9 + 9 + 15	-4	29.49	1.47	31.33	1.53	33.16	1.58	34.48	1.60	36.82	1.63	38.65	1.67
		0	29.48	1.49	31.31	1.54	33.14	1.60	34.46	1.62	36.80	1.65	38.63	1.68
		5	29.45	1.51	31.28	1.57	33.11	1.63	34.43	1.65	36.77	1.68	38.60	1.71
		10	29.43	1.54	31.26	1.59	33.09	1.65	34.41	1.67	36.74	1.70	38.57	1.74
		14	29.41	1.56	31.24	1.62	33.06	1.68	34.38	1.69	36.71	1.73	38.54	1.76
		20	29.39	1.58	31.21	1.64	33.04	1.70	34.35	1.72	36.69	1.75	38.51	1.79
		25	29.36	1.60	31.19	1.66	33.01	1.72	34.33	1.74	36.66	1.78	38.48	1.81
		30	29.34	1.63	31.16	1.69	32.99	1.75	34.30	1.77	36.63	1.80	38.45	1.84
		35	29.32	1.65	31.14	1.71	32.96	1.77	34.28	1.79	36.60	1.83	38.42	1.86
		40	29.30	1.67	31.12	1.73	32.94	1.80	34.25	1.82	36.57	1.85	38.39	1.89
		45	29.27	1.69	31.09	1.76	32.91	1.82	34.22	1.84	36.55	1.88	38.36	1.91
		50	29.25	1.72	31.07	1.78	32.89	1.84	34.20	1.87	36.52	1.90	38.34	1.94
		55	29.23	1.74	31.04	1.80	32.86	1.87	34.17	1.89	36.49	1.92	38.31	1.96
		60	29.21	1.76	31.02	1.83	32.83	1.89	34.14	1.91	36.46	1.95	38.28	1.99
		65	29.18	1.78	31.00	1.85	32.81	1.92	34.12	1.94	36.43	1.97	38.25	2.01
		70	29.16	1.81	30.97	1.87	32.78	1.94	34.09	1.96	36.41	2.00	38.22	2.04
		75	28.46	1.90	30.27	1.97	32.07	2.04	33.38	2.07	35.69	2.11	37.49	2.15
		80	27.76	2.00	29.56	2.07	31.36	2.15	32.66	2.17	34.97	2.22	36.77	2.26
		85	27.06	2.10	28.86	2.17	30.66	2.25	31.96	2.28	34.25	2.32	36.05	2.37
		90	26.37	2.20	28.16	2.28	29.95	2.36	31.25	2.39	33.54	2.43	35.33	2.48
		95	25.61	2.29	27.40	2.38	29.18	2.46	30.00	2.49	32.75	2.54	34.53	2.59
		100	25.31	2.39	27.12	2.48	28.93	2.57	29.87	2.60	32.43	2.64	33.60	2.64
		105	25.01	2.49	26.84	2.58	28.36	2.64	29.08	2.64	31.06	2.64	32.11	2.64
		110	24.71	2.59	26.17	2.64	27.00	2.64	27.82	2.64	29.68	2.64	30.75	2.64
		115	24.05	2.64	24.97	2.64	25.83	2.64	26.65	2.64	28.40	2.64	29.48	2.64
		118	23.35	2.64	24.29	2.64	25.08	2.64	26.05	2.64	27.73	2.64	28.72	2.64
		122	22.62	2.64	23.57	2.64	24.38	2.64	25.34	2.64	26.90	2.64	27.97	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 23: KUMXA241A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 12 + 12	-4	29.49	1.47	31.33	1.53	33.16	1.58	34.48	1.60	36.82	1.63	38.65	1.67
		0	29.48	1.49	31.31	1.54	33.14	1.60	34.46	1.62	36.80	1.65	38.63	1.68
		5	29.45	1.51	31.28	1.57	33.11	1.63	34.43	1.65	36.77	1.68	38.60	1.71
		10	29.43	1.54	31.26	1.59	33.09	1.65	34.41	1.67	36.74	1.70	38.57	1.74
		14	29.41	1.56	31.24	1.62	33.06	1.68	34.38	1.69	36.71	1.73	38.54	1.76
		20	29.39	1.58	31.21	1.64	33.04	1.70	34.35	1.72	36.69	1.75	38.51	1.79
		25	29.36	1.60	31.19	1.66	33.01	1.72	34.33	1.74	36.66	1.78	38.48	1.81
		30	29.34	1.63	31.16	1.69	32.99	1.75	34.30	1.77	36.63	1.80	38.45	1.84
		35	29.32	1.65	31.14	1.71	32.96	1.77	34.28	1.79	36.60	1.83	38.42	1.86
		40	29.30	1.67	31.12	1.73	32.94	1.80	34.25	1.82	36.57	1.85	38.39	1.89
		45	29.27	1.69	31.09	1.76	32.91	1.82	34.22	1.84	36.55	1.88	38.36	1.91
		50	29.25	1.72	31.07	1.78	32.89	1.84	34.20	1.87	36.52	1.90	38.34	1.94
		55	29.23	1.74	31.04	1.80	32.86	1.87	34.17	1.89	36.49	1.92	38.31	1.96
		60	29.21	1.76	31.02	1.83	32.83	1.89	34.14	1.91	36.46	1.95	38.28	1.99
		65	29.18	1.78	31.00	1.85	32.81	1.92	34.12	1.94	36.43	1.97	38.25	2.01
		70	29.16	1.81	30.97	1.87	32.78	1.94	34.09	1.96	36.41	2.00	38.22	2.04
		75	28.46	1.90	30.27	1.97	32.07	2.04	33.38	2.07	35.69	2.11	37.49	2.15
		80	27.76	2.00	29.56	2.07	31.36	2.15	32.66	2.17	34.97	2.22	36.77	2.26
		85	27.06	2.10	28.86	2.17	30.66	2.25	31.96	2.28	34.25	2.32	36.05	2.37
		90	26.37	2.20	28.16	2.28	29.95	2.36	31.25	2.39	33.54	2.43	35.33	2.48
		95	25.61	2.29	27.40	2.38	29.18	2.46	30.00	2.49	32.75	2.54	34.53	2.59
		100	25.31	2.39	27.12	2.48	28.93	2.57	29.87	2.60	32.43	2.64	33.60	2.64
		105	25.01	2.49	26.84	2.58	28.36	2.64	29.08	2.64	31.06	2.64	32.11	2.64
		110	24.71	2.59	26.17	2.64	27.00	2.64	27.82	2.64	29.68	2.64	30.75	2.64
		115	24.05	2.64	24.97	2.64	25.83	2.64	26.65	2.64	28.40	2.64	29.48	2.64
		118	23.35	2.64	24.29	2.64	25.08	2.64	26.05	2.64	27.73	2.64	28.72	2.64
		122	22.62	2.64	23.57	2.64	24.38	2.64	25.34	2.64	26.90	2.64	27.97	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 24: KUMXA241A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	-4	20.41	1.33	21.68	1.38	22.95	1.43	23.86	1.45	25.48	1.48	26.75	1.51
		0	20.40	1.35	21.67	1.40	22.93	1.45	23.85	1.47	25.47	1.49	26.73	1.52
		5	20.38	1.37	21.65	1.42	22.91	1.47	23.83	1.49	25.45	1.52	26.71	1.55
		10	20.37	1.39	21.63	1.44	22.83	1.49	23.81	1.51	25.43	1.54	26.69	1.57
		14	20.35	1.41	21.61	1.46	22.88	1.52	23.79	1.53	25.41	1.56	26.67	1.59
		20	20.34	1.43	21.60	1.48	22.86	1.54	23.77	1.56	25.39	1.58	26.65	1.62
		25	20.32	1.45	21.58	1.50	22.84	1.56	23.76	1.58	25.37	1.61	26.63	1.64
		30	20.30	1.47	21.57	1.53	22.83	1.58	23.74	1.60	25.35	1.63	26.61	1.66
		35	20.29	1.49	21.55	1.55	22.81	1.60	23.72	1.62	25.33	1.65	26.59	1.69
		40	20.27	1.51	21.53	1.57	22.79	1.63	23.70	1.64	25.31	1.67	26.57	1.71
		45	20.26	1.53	21.52	1.59	22.77	1.65	23.68	1.67	25.29	1.70	26.55	1.73
		50	20.24	1.55	21.50	1.61	22.76	1.67	23.66	1.69	25.27	1.72	26.53	1.75
		55	20.23	1.57	21.48	1.63	22.74	1.69	23.65	1.71	25.25	1.74	26.51	1.78
		60	20.21	1.59	21.47	1.65	22.72	1.71	23.63	1.73	25.23	1.76	26.49	1.80
		65	20.20	1.61	21.45	1.67	22.70	1.73	23.61	1.75	25.21	1.79	26.47	1.82
		70	20.18	1.63	21.43	1.69	22.69	1.76	23.59	1.78	25.19	1.81	26.45	1.85
		75	19.69	1.72	20.94	1.79	22.19	1.85	23.10	1.87	24.70	1.91	25.95	1.95
		80	19.21	1.81	20.46	1.88	21.70	1.95	22.60	1.97	24.20	2.00	25.44	2.04
		85	18.73	1.90	19.97	1.97	21.22	2.04	22.11	2.06	23.70	2.10	24.95	2.14
		90	18.25	1.99	19.49	2.06	20.73	2.13	21.62	2.16	23.21	2.20	24.45	2.24
		95	17.72	2.08	18.96	2.15	20.19	2.23	20.76	2.26	22.66	2.30	23.90	2.34
		100	17.52	2.16	18.77	2.24	20.02	2.32	20.67	2.35	22.52	2.39	23.78	2.44
		105	17.31	2.25	18.58	2.33	19.85	2.42	20.58	2.45	22.39	2.49	23.66	2.54
		110	17.10	2.34	18.39	2.42	19.67	2.51	20.49	2.54	22.25	2.59	23.53	2.64
		115	16.89	2.43	18.19	2.52	19.50	2.61	20.40	2.64	21.86	2.66	22.73	2.66
		118	16.76	2.48	18.08	2.57	19.32	2.66	20.04	2.66	21.31	2.66	22.17	2.66
		122	16.72	2.55	18.04	2.64	18.79	2.66	19.52	2.66	20.75	2.66	21.54	2.66
	9 + 12	-4	23.18	1.40	24.62	1.45	26.06	1.50	27.10	1.52	28.94	1.55	30.38	1.58
		0	23.17	1.41	24.61	1.46	26.05	1.52	27.09	1.53	28.93	1.56	30.36	1.59
		5	23.15	1.43	24.59	1.49	26.03	1.54	27.06	1.56	28.90	1.59	30.34	1.62
		10	23.13	1.46	24.57	1.51	26.01	1.56	27.04	1.58	28.88	1.61	30.32	1.64
		14	23.12	1.48	24.55	1.53	25.99	1.59	27.02	1.60	28.86	1.63	30.29	1.67
		20	23.10	1.50	24.53	1.55	25.97	1.61	27.00	1.63	28.84	1.66	30.27	1.69
		25	23.08	1.52	24.51	1.57	25.95	1.63	26.98	1.65	28.81	1.68	30.25	1.72
		30	23.06	1.54	24.49	1.60	25.93	1.65	26.96	1.67	28.79	1.70	30.22	1.74
		35	23.04	1.56	24.48	1.62	25.91	1.68	26.94	1.70	28.77	1.73	30.20	1.76
		40	23.03	1.58	24.46	1.64	25.89	1.70	26.92	1.72	28.75	1.75	30.18	1.79
		45	23.01	1.60	24.44	1.66	25.87	1.72	26.90	1.74	28.73	1.78	30.15	1.81
		50	22.99	1.62	24.42	1.68	25.85	1.75	26.88	1.77	28.70	1.80	30.13	1.83
		55	22.97	1.65	24.40	1.71	25.83	1.77	26.86	1.79	28.68	1.82	30.11	1.86
		60	22.96	1.67	24.38	1.73	25.81	1.79	26.84	1.81	28.66	1.85	30.09	1.88
		65	22.94	1.69	24.36	1.75	25.79	1.81	26.82	1.83	28.64	1.87	30.06	1.91
		70	22.92	1.71	24.34	1.77	25.77	1.84	26.80	1.86	28.62	1.89	30.04	1.93
		75	22.37	1.80	23.79	1.87	25.21	1.94	26.24	1.96	28.05	1.99	29.47	2.03
		80	21.82	1.89	23.23	1.96	24.65	2.03	25.67	2.06	27.48	2.10	28.90	2.14
		85	21.27	1.99	22.68	2.06	24.10	2.13	25.12	2.16	26.92	2.20	28.34	2.24
		90	20.72	2.08	22.13	2.15	23.54	2.23	24.56	2.26	26.36	2.30	27.77	2.35
		95	20.13	2.17	21.53	2.25	22.94	2.33	23.58	2.36	25.74	2.40	27.14	2.45
		100	19.89	2.26	21.32	2.35	22.74	2.43	23.48	2.46	25.58	2.51	27.01	2.56
		105	19.66	2.36	21.10	2.44	22.54	2.53	23.37	2.56	25.43	2.61	26.87	2.66
		110	19.42	2.45	20.88	2.54	22.34	2.63	23.27	2.66	24.80	2.66	25.76	2.66
		115	19.18	2.54	20.67	2.63	21.58	2.66	22.33	2.66	23.77	2.66	24.64	2.66
		118	19.04	2.59	20.31	2.66	21.00	2.66	21.80	2.66	23.19	2.66	24.07	2.66
		122	18.92	2.66	19.68	2.66	20.38	2.66	21.18	2.66	22.53	2.66	23.40	2.66

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 25: KUMXA241A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	-4	27.04	1.57	28.72	1.63	30.39	1.69	31.61	1.71	33.75	1.74	35.43	1.78
		0	27.02	1.59	28.70	1.65	30.38	1.71	31.59	1.73	33.73	1.76	35.41	1.80
		5	27.00	1.62	28.68	1.67	30.35	1.74	31.56	1.76	33.71	1.79	35.38	1.82
		10	26.98	1.64	28.65	1.70	30.33	1.76	31.54	1.78	33.68	1.82	35.36	1.85
		14	26.96	1.66	28.63	1.72	30.31	1.79	31.52	1.81	33.66	1.84	35.33	1.88
		20	26.94	1.69	28.61	1.75	30.28	1.81	31.49	1.83	33.63	1.87	35.30	1.91
		25	26.92	1.71	28.59	1.77	30.26	1.84	31.47	1.86	33.60	1.89	35.28	1.93
		30	26.90	1.74	28.57	1.80	30.24	1.86	31.44	1.89	33.58	1.92	35.25	1.96
		35	26.88	1.76	28.55	1.82	30.21	1.89	31.42	1.91	33.55	1.95	35.22	1.99
		40	26.86	1.78	28.52	1.85	30.19	1.92	31.40	1.94	33.53	1.97	35.19	2.01
		45	26.83	1.81	28.50	1.87	30.17	1.94	31.37	1.96	33.50	2.00	35.17	2.04
		50	26.81	1.83	28.48	1.90	30.14	1.97	31.35	1.99	33.48	2.03	35.14	2.07
		55	26.79	1.85	28.46	1.92	30.12	1.99	31.32	2.02	33.45	2.05	35.11	2.09
		60	26.77	1.88	28.44	1.95	30.10	2.02	31.30	2.04	33.42	2.08	35.09	2.12
		65	26.75	1.90	28.41	1.97	30.08	2.04	31.28	2.07	33.40	2.11	35.06	2.15
		70	26.73	1.93	28.39	2.00	30.05	2.07	31.25	2.09	33.37	2.13	35.03	2.18
		75	26.09	2.03	27.74	2.10	29.40	2.18	30.60	2.21	32.71	2.25	34.37	2.29
		80	25.45	2.13	27.10	2.21	28.75	2.29	29.94	2.32	32.05	2.36	33.71	2.41
		85	24.81	2.24	26.46	2.32	28.10	2.40	29.29	2.43	31.40	2.48	33.05	2.53
		90	24.17	2.34	25.81	2.43	27.46	2.52	28.65	2.55	30.75	2.59	32.39	2.64
		95	23.48	2.45	25.11	2.54	26.75	2.63	27.50	2.66	29.47	2.66	30.51	2.66
		100	23.20	2.55	24.86	2.64	25.75	2.66	26.29	2.66	28.15	2.66	29.09	2.66
		105	22.93	2.65	23.80	2.66	24.54	2.66	25.18	2.66	26.83	2.66	27.79	2.66
		110	21.83	2.66	22.65	2.66	23.42	2.66	24.06	2.66	25.70	2.66	26.67	2.66
		115	20.81	2.66	21.58	2.66	22.38	2.66	23.11	2.66	24.58	2.66	25.54	2.66
		118	20.23	2.66	21.03	2.66	21.76	2.66	22.54	2.66	23.96	2.66	24.92	2.66
		122	19.57	2.66	20.38	2.66	21.12	2.66	21.91	2.66	23.28	2.66	24.17	2.66
	9 + 18	-4	27.04	1.57	28.72	1.63	30.39	1.69	31.61	1.71	33.75	1.74	35.43	1.78
		0	27.02	1.59	28.70	1.65	30.38	1.71	31.59	1.73	33.73	1.76	35.41	1.80
		5	27.00	1.62	28.68	1.67	30.35	1.74	31.56	1.76	33.71	1.79	35.38	1.82
		10	26.98	1.64	28.65	1.70	30.33	1.76	31.54	1.78	33.68	1.82	35.36	1.85
		14	26.96	1.66	28.63	1.72	30.31	1.79	31.52	1.81	33.66	1.84	35.33	1.88
		20	26.94	1.69	28.61	1.75	30.28	1.81	31.49	1.83	33.63	1.87	35.30	1.91
		25	26.92	1.71	28.59	1.77	30.26	1.84	31.47	1.86	33.60	1.89	35.28	1.93
		30	26.90	1.74	28.57	1.80	30.24	1.86	31.44	1.89	33.58	1.92	35.25	1.96
		35	26.88	1.76	28.55	1.82	30.21	1.89	31.42	1.91	33.55	1.95	35.22	1.99
		40	26.86	1.78	28.52	1.85	30.19	1.92	31.40	1.94	33.53	1.97	35.19	2.01
		45	26.83	1.81	28.50	1.87	30.17	1.94	31.37	1.96	33.50	2.00	35.17	2.04
		50	26.81	1.83	28.48	1.90	30.14	1.97	31.35	1.99	33.48	2.03	35.14	2.07
		55	26.79	1.85	28.46	1.92	30.12	1.99	31.32	2.02	33.45	2.05	35.11	2.09
		60	26.77	1.88	28.44	1.95	30.10	2.02	31.30	2.04	33.42	2.08	35.09	2.12
		65	26.75	1.90	28.41	1.97	30.08	2.04	31.28	2.07	33.40	2.11	35.06	2.15
		70	26.73	1.93	28.39	2.00	30.05	2.07	31.25	2.09	33.37	2.13	35.03	2.18
		75	26.09	2.03	27.74	2.10	29.40	2.18	30.60	2.21	32.71	2.25	34.37	2.29
		80	25.45	2.13	27.10	2.21	28.75	2.29	29.94	2.32	32.05	2.36	33.71	2.41
		85	24.81	2.24	26.46	2.32	28.10	2.40	29.29	2.43	31.40	2.48	33.05	2.53
		90	24.17	2.34	25.81	2.43	27.46	2.52	28.65	2.55	30.75	2.59	32.39	2.64
		95	23.48	2.45	25.11	2.54	26.75	2.63	27.50	2.66	29.47	2.66	30.51	2.66
		100	23.20	2.55	24.86	2.64	25.75	2.66	26.29	2.66	28.15	2.66	29.09	2.66
		105	22.93	2.65	23.80	2.66	24.54	2.66	25.18	2.66	26.83	2.66	27.79	2.66
		110	21.83	2.66	22.65	2.66	23.42	2.66	24.06	2.66	25.70	2.66	26.67	2.66
		115	20.81	2.66	21.58	2.66	22.38	2.66	23.11	2.66	24.58	2.66	25.54	2.66
		118	20.23	2.66	21.03	2.66	21.76	2.66	22.54	2.66	23.96	2.66	24.92	2.66
		122	19.57	2.66	20.38	2.66	21.12	2.66	21.91	2.66	23.28	2.66	24.17	2.66

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 26: KUMXA241A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12* + 18*	-4	27.04	1.57	28.72	1.63	30.39	1.69	31.61	1.71	33.75	1.74	35.43	1.78
		0	27.02	1.59	28.70	1.65	30.38	1.71	31.59	1.73	33.73	1.76	35.41	1.80
		5	27.00	1.62	28.68	1.67	30.35	1.74	31.56	1.76	33.71	1.79	35.38	1.82
		10	26.98	1.64	28.65	1.70	30.33	1.76	31.54	1.78	33.68	1.82	35.36	1.85
		14	26.96	1.66	28.63	1.72	30.31	1.79	31.52	1.81	33.66	1.84	35.33	1.88
		20	26.94	1.69	28.61	1.75	30.28	1.81	31.49	1.83	33.63	1.87	35.30	1.91
		25	26.92	1.71	28.59	1.77	30.26	1.84	31.47	1.86	33.60	1.89	35.28	1.93
		30	26.90	1.74	28.57	1.80	30.24	1.86	31.44	1.89	33.58	1.92	35.25	1.96
		35	26.88	1.76	28.55	1.82	30.21	1.89	31.42	1.91	33.55	1.95	35.22	1.99
		40	26.86	1.78	28.52	1.85	30.19	1.92	31.40	1.94	33.53	1.97	35.19	2.01
		45	26.83	1.81	28.50	1.87	30.17	1.94	31.37	1.96	33.50	2.00	35.17	2.04
		50	26.81	1.83	28.48	1.90	30.14	1.97	31.35	1.99	33.48	2.03	35.14	2.07
		55	26.79	1.85	28.46	1.92	30.12	1.99	31.32	2.02	33.45	2.05	35.11	2.09
		60	26.77	1.88	28.44	1.95	30.10	2.02	31.30	2.04	33.42	2.08	35.09	2.12
		65	26.75	1.90	28.41	1.97	30.08	2.04	31.28	2.07	33.40	2.11	35.06	2.15
		70	26.73	1.93	28.39	2.00	30.05	2.07	31.25	2.09	33.37	2.13	35.03	2.18
		75	26.09	2.03	27.74	2.10	29.40	2.18	30.60	2.21	32.71	2.25	34.37	2.29
		80	25.45	2.13	27.10	2.21	28.75	2.29	29.94	2.32	32.05	2.36	33.71	2.41
		85	24.81	2.24	26.46	2.32	28.10	2.40	29.29	2.43	31.40	2.48	33.05	2.53
		90	24.17	2.34	25.81	2.43	27.46	2.52	28.65	2.55	30.75	2.59	32.39	2.64
		95	23.48	2.45	25.11	2.54	26.75	2.63	27.50	2.66	29.47	2.66	30.51	2.66
		100	23.20	2.55	24.86	2.64	25.75	2.66	26.29	2.66	28.15	2.66	29.09	2.66
		105	22.93	2.65	23.80	2.66	24.54	2.66	25.18	2.66	26.83	2.66	27.79	2.66
		110	21.83	2.66	22.65	2.66	23.42	2.66	24.06	2.66	25.70	2.66	26.67	2.66
		115	20.81	2.66	21.58	2.66	22.38	2.66	23.11	2.66	24.58	2.66	25.54	2.66
		118	20.23	2.66	21.03	2.66	21.76	2.66	22.54	2.66	23.96	2.66	24.92	2.66
		122	19.57	2.66	20.38	2.66	21.12	2.66	21.91	2.66	23.28	2.66	24.17	2.66
Three (3) Ducted Indoor Units	9 + 9 + 9	-4	27.04	1.48	28.72	1.54	30.39	1.59	31.61	1.61	33.75	1.64	35.43	1.68
		0	27.02	1.50	28.70	1.55	30.38	1.61	31.59	1.63	33.73	1.66	35.41	1.69
		5	27.00	1.52	28.68	1.58	30.35	1.64	31.56	1.66	33.71	1.69	35.38	1.72
		10	26.98	1.55	28.65	1.60	30.33	1.66	31.54	1.68	33.68	1.71	35.36	1.75
		14	26.96	1.57	28.63	1.63	30.31	1.69	31.52	1.71	33.66	1.74	35.33	1.77
		20	26.94	1.59	28.61	1.65	30.28	1.71	31.49	1.73	33.63	1.76	35.30	1.80
		25	26.92	1.61	28.59	1.67	30.26	1.73	31.47	1.75	33.60	1.79	35.28	1.82
		30	26.90	1.64	28.57	1.70	30.24	1.76	31.44	1.78	33.58	1.81	35.25	1.85
		35	26.88	1.66	28.55	1.72	30.21	1.78	31.42	1.80	33.55	1.84	35.22	1.87
		40	26.86	1.68	28.52	1.74	30.19	1.81	31.40	1.83	33.53	1.86	35.19	1.90
		45	26.83	1.70	28.50	1.77	30.17	1.83	31.37	1.85	33.50	1.89	35.17	1.93
		50	26.81	1.73	28.48	1.79	30.14	1.86	31.35	1.88	33.48	1.91	35.14	1.95
		55	26.79	1.75	28.46	1.81	30.12	1.88	31.32	1.90	33.45	1.94	35.11	1.98
		60	26.77	1.77	28.44	1.84	30.10	1.90	31.30	1.93	33.42	1.96	35.09	2.00
		65	26.75	1.80	28.41	1.86	30.08	1.93	31.28	1.95	33.40	1.99	35.06	2.03
		70	26.73	1.82	28.39	1.88	30.05	1.95	31.25	1.98	33.37	2.01	35.03	2.05
		75	26.09	1.92	27.74	1.99	29.40	2.06	30.60	2.08	32.71	2.12	34.37	2.16
		80	25.45	2.01	27.10	2.09	28.75	2.16	29.94	2.19	32.05	2.23	33.71	2.27
		85	24.81	2.11	26.46	2.19	28.10	2.27	29.29	2.29	31.40	2.34	33.05	2.38
		90	24.17	2.21	25.81	2.29	27.46	2.37	28.65	2.40	30.75	2.45	32.39	2.50
		95	23.48	2.31	25.11	2.39	26.75	2.48	27.50	2.51	30.02	2.55	31.66	2.61
		100	23.20	2.41	24.86	2.49	26.52	2.58	27.38	2.61	29.84	2.66	30.81	2.66
		105	22.93	2.50	24.61	2.60	26.00	2.66	26.66	2.66	28.47	2.66	29.46	2.66
		110	22.65	2.60	23.99	2.66	24.76	2.66	25.51	2.66	27.22	2.66	28.21	2.66
		115	22.04	2.66	22.90	2.66	23.69	2.66	24.53	2.66	26.06	2.66	27.04	2.66
		118	21.41	2.66	22.28	2.66	23.09	2.66	23.90	2.66	25.45	2.66	26.36	2.66
		122	20.75	2.66	21.62	2.66	22.36	2.66	23.26	2.66	24.69	2.66	25.68	2.66

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 27: KUMXA241A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9* + 12*	-4	27.04	1.48	28.72	1.54	30.39	1.59	31.61	1.61	33.75	1.64	35.43	1.68
		0	27.02	1.50	28.70	1.55	30.38	1.61	31.59	1.63	33.73	1.66	35.41	1.69
		5	27.00	1.52	28.68	1.58	30.35	1.64	31.56	1.66	33.71	1.69	35.38	1.72
		10	26.98	1.55	28.65	1.60	30.33	1.66	31.54	1.68	33.68	1.71	35.36	1.75
		14	26.96	1.57	28.63	1.63	30.31	1.69	31.52	1.71	33.66	1.74	35.33	1.77
		20	26.94	1.59	28.61	1.65	30.28	1.71	31.49	1.73	33.63	1.76	35.30	1.80
		25	26.92	1.61	28.59	1.67	30.26	1.73	31.47	1.75	33.60	1.79	35.28	1.82
		30	26.90	1.64	28.57	1.70	30.24	1.76	31.44	1.78	33.58	1.81	35.25	1.85
		35	26.88	1.66	28.55	1.72	30.21	1.78	31.42	1.80	33.55	1.84	35.22	1.87
		40	26.86	1.68	28.52	1.74	30.19	1.81	31.40	1.83	33.53	1.86	35.19	1.90
		45	26.83	1.70	28.50	1.77	30.17	1.83	31.37	1.85	33.50	1.89	35.17	1.93
		50	26.81	1.73	28.48	1.79	30.14	1.86	31.35	1.88	33.48	1.91	35.14	1.95
		55	26.79	1.75	28.46	1.81	30.12	1.88	31.32	1.90	33.45	1.94	35.11	1.98
		60	26.77	1.77	28.44	1.84	30.10	1.90	31.30	1.93	33.42	1.96	35.09	2.00
		65	26.75	1.80	28.41	1.86	30.08	1.93	31.28	1.95	33.40	1.99	35.06	2.03
		70	26.73	1.82	28.39	1.88	30.05	1.95	31.25	1.98	33.37	2.01	35.03	2.05
		75	26.09	1.92	27.74	1.99	29.40	2.06	30.60	2.08	32.71	2.12	34.37	2.16
		80	25.45	2.01	27.10	2.09	28.75	2.16	29.94	2.19	32.05	2.23	33.71	2.27
		85	24.81	2.11	26.46	2.19	28.10	2.27	29.29	2.29	31.40	2.34	33.05	2.38
		90	24.17	2.21	25.81	2.29	27.46	2.37	28.65	2.40	30.75	2.45	32.39	2.50
		95	23.48	2.31	25.11	2.39	26.75	2.48	27.50	2.51	30.02	2.55	31.66	2.61
		100	23.20	2.41	24.86	2.49	26.52	2.58	27.38	2.61	29.84	2.66	30.81	2.66
		105	22.93	2.50	24.61	2.60	26.00	2.66	26.66	2.66	28.47	2.66	29.46	2.66
		110	22.65	2.60	23.99	2.66	24.76	2.66	25.51	2.66	27.22	2.66	28.21	2.66
		115	22.04	2.66	22.90	2.66	23.69	2.66	24.53	2.66	26.06	2.66	27.04	2.66
		118	21.41	2.66	22.28	2.66	23.09	2.66	23.90	2.66	25.45	2.66	26.36	2.66
		122	20.75	2.66	21.62	2.66	22.36	2.66	23.26	2.66	24.69	2.66	25.68	2.66
	9* + 12* + 12*	-4	27.04	1.48	28.72	1.54	30.39	1.59	31.61	1.61	33.75	1.64	35.43	1.68
		0	27.02	1.50	28.70	1.55	30.38	1.61	31.59	1.63	33.73	1.66	35.41	1.69
		5	27.00	1.52	28.68	1.58	30.35	1.64	31.56	1.66	33.71	1.69	35.38	1.72
		10	26.98	1.55	28.65	1.60	30.33	1.66	31.54	1.68	33.68	1.71	35.36	1.75
		14	26.96	1.57	28.63	1.63	30.31	1.69	31.52	1.71	33.66	1.74	35.33	1.77
		20	26.94	1.59	28.61	1.65	30.28	1.71	31.49	1.73	33.63	1.76	35.30	1.80
		25	26.92	1.61	28.59	1.67	30.26	1.73	31.47	1.75	33.60	1.79	35.28	1.82
		30	26.90	1.64	28.57	1.70	30.24	1.76	31.44	1.78	33.58	1.81	35.25	1.85
		35	26.88	1.66	28.55	1.72	30.21	1.78	31.42	1.80	33.55	1.84	35.22	1.87
		40	26.86	1.68	28.52	1.74	30.19	1.81	31.40	1.83	33.53	1.86	35.19	1.90
		45	26.83	1.70	28.50	1.77	30.17	1.83	31.37	1.85	33.50	1.89	35.17	1.93
		50	26.81	1.73	28.48	1.79	30.14	1.86	31.35	1.88	33.48	1.91	35.14	1.95
		55	26.79	1.75	28.46	1.81	30.12	1.88	31.32	1.90	33.45	1.94	35.11	1.98
		60	26.77	1.77	28.44	1.84	30.10	1.90	31.30	1.93	33.42	1.96	35.09	2.00
		65	26.75	1.80	28.41	1.86	30.08	1.93	31.28	1.95	33.40	1.99	35.06	2.03
		70	26.73	1.82	28.39	1.88	30.05	1.95	31.25	1.98	33.37	2.01	35.03	2.05
		75	26.09	1.92	27.74	1.99	29.40	2.06	30.60	2.08	32.71	2.12	34.37	2.16
		80	25.45	2.01	27.10	2.09	28.75	2.16	29.94	2.19	32.05	2.23	33.71	2.27
		85	24.81	2.11	26.46	2.19	28.10	2.27	29.29	2.29	31.40	2.34	33.05	2.38
		90	24.17	2.21	25.81	2.29	27.46	2.37	28.65	2.40	30.75	2.45	32.39	2.50
		95	23.48	2.31	25.11	2.39	26.75	2.48	27.50	2.51	30.02	2.55	31.66	2.61
		100	23.20	2.41	24.86	2.49	26.52	2.58	27.38	2.61	29.84	2.66	30.81	2.66
		105	22.93	2.50	24.61	2.60	26.00	2.66	26.66	2.66	28.47	2.66	29.46	2.66
		110	22.65	2.60	23.99	2.66	24.76	2.66	25.51	2.66	27.22	2.66	28.21	2.66
		115	22.04	2.66	22.90	2.66	23.69	2.66	24.53	2.66	26.06	2.66	27.04	2.66
		118	21.41	2.66	22.28	2.66	23.09	2.66	23.90	2.66	25.45	2.66	26.36	2.66
		122	20.75	2.66	21.62	2.66	22.36	2.66	23.26	2.66	24.69	2.66	25.68	2.66

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 28: KUMXA241A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 9	-4	18.72	1.22	19.88	1.27	21.04	1.32	21.88	1.33	23.37	1.36	24.53	1.38
		0	18.71	1.24	19.87	1.28	21.03	1.33	21.87	1.35	23.36	1.37	24.52	1.40
		5	18.69	1.26	19.85	1.30	21.02	1.35	21.85	1.37	23.34	1.39	24.50	1.42
		10	18.68	1.28	19.84	1.32	22.83	1.37	23.06	1.39	23.32	1.41	24.48	1.44
		14	18.66	1.30	19.82	1.34	20.98	1.39	21.82	1.41	23.30	1.43	24.46	1.46
		20	18.65	1.31	19.81	1.36	20.97	1.41	21.80	1.43	23.28	1.45	24.44	1.48
		25	18.64	1.33	19.79	1.38	20.95	1.43	21.79	1.45	23.27	1.48	24.42	1.51
		30	18.62	1.35	19.78	1.40	20.94	1.45	21.77	1.47	23.25	1.50	24.40	1.53
		35	18.61	1.37	19.76	1.42	20.92	1.47	21.75	1.49	23.23	1.52	24.39	1.55
		40	18.59	1.39	19.75	1.44	20.90	1.49	21.74	1.51	23.21	1.54	24.37	1.57
		45	18.58	1.41	19.73	1.46	20.89	1.51	21.72	1.53	23.19	1.56	24.35	1.59
		50	18.57	1.43	19.72	1.48	20.87	1.53	21.70	1.55	23.18	1.58	24.33	1.61
		55	18.55	1.44	19.70	1.50	20.86	1.55	21.69	1.57	23.16	1.60	24.31	1.63
		60	18.54	1.46	19.69	1.52	20.84	1.57	21.67	1.59	23.14	1.62	24.29	1.65
		65	18.52	1.48	19.67	1.54	20.82	1.59	21.65	1.61	23.12	1.64	24.27	1.67
		70	18.51	1.50	19.66	1.55	20.81	1.61	21.64	1.63	23.11	1.66	24.26	1.69
		75	18.06	1.58	19.21	1.64	20.36	1.70	21.18	1.72	22.65	1.75	23.80	1.79
		80	17.62	1.66	18.76	1.72	19.91	1.79	20.73	1.81	22.19	1.84	23.34	1.88
		85	17.18	1.74	18.32	1.81	19.46	1.87	20.28	1.89	21.74	1.93	22.88	1.97
		90	16.73	1.82	17.87	1.89	19.01	1.96	19.83	1.98	21.29	2.02	22.43	2.06
		95	16.26	1.90	17.39	1.97	18.52	2.05	19.04	2.07	20.79	2.11	21.92	2.15
		100	16.06	1.99	17.21	2.06	18.36	2.13	18.96	2.16	20.66	2.20	21.81	2.24
		105	15.87	2.07	17.04	2.14	18.20	2.22	18.87	2.25	20.53	2.29	21.70	2.33
		110	15.68	2.15	16.86	2.23	18.04	2.31	18.79	2.33	20.40	2.38	21.58	2.43
		115	15.49	2.23	16.69	2.31	17.88	2.39	18.71	2.42	20.28	2.47	21.47	2.52
		118	15.37	2.28	16.58	2.36	17.79	2.45	18.66	2.47	20.20	2.52	21.41	2.57
		122	15.34	2.34	16.55	2.43	17.76	2.52	18.64	2.54	20.18	2.59	21.38	2.64
	9 + 9	-4	20.82	1.31	22.12	1.36	23.41	1.41	24.34	1.43	26.00	1.45	27.29	1.48
		0	20.81	1.33	22.10	1.37	23.40	1.42	24.33	1.44	25.98	1.47	27.27	1.50
		5	20.79	1.35	22.09	1.40	23.38	1.45	24.31	1.46	25.96	1.49	27.25	1.52
		10	20.78	1.37	22.07	1.42	23.36	1.47	24.29	1.49	25.94	1.51	27.23	1.54
		14	20.76	1.39	22.05	1.44	23.34	1.49	24.27	1.51	25.92	1.54	27.21	1.57
		20	20.75	1.41	22.04	1.46	23.32	1.51	24.25	1.53	25.90	1.56	27.19	1.59
		25	20.73	1.43	22.02	1.48	23.31	1.53	24.24	1.55	25.88	1.58	27.17	1.61
		30	20.72	1.45	22.00	1.50	23.29	1.55	24.22	1.57	25.86	1.60	27.15	1.63
		35	20.70	1.47	21.98	1.52	23.27	1.58	24.20	1.59	25.84	1.62	27.13	1.66
		40	20.68	1.49	21.97	1.54	23.25	1.60	24.18	1.62	25.82	1.65	27.11	1.68
		45	20.67	1.51	21.95	1.56	23.23	1.62	24.16	1.64	25.80	1.67	27.09	1.70
		50	20.65	1.53	21.93	1.58	23.22	1.64	24.14	1.66	25.78	1.69	27.06	1.72
		55	20.64	1.55	21.92	1.60	23.20	1.66	24.12	1.68	25.76	1.71	27.04	1.75
		60	20.62	1.57	21.90	1.62	23.18	1.68	24.11	1.70	25.74	1.73	27.02	1.77
		65	20.60	1.59	21.88	1.64	23.16	1.70	24.09	1.72	25.72	1.76	27.00	1.79
		70	20.59	1.61	21.87	1.67	23.15	1.73	24.07	1.75	25.70	1.78	26.98	1.81
		75	20.09	1.69	21.37	1.76	22.64	1.82	23.57	1.84	25.20	1.87	26.47	1.91
		80	19.60	1.78	20.87	1.85	22.14	1.91	23.06	1.93	24.69	1.97	25.96	2.01
		85	19.11	1.87	20.38	1.93	21.64	2.01	22.56	2.03	24.18	2.07	25.45	2.11
		90	18.62	1.95	19.88	2.02	21.15	2.10	22.06	2.12	23.68	2.16	24.95	2.21
		95	18.08	2.04	19.34	2.11	20.60	2.19	21.18	2.22	23.12	2.26	24.38	2.30
		100	17.87	2.13	19.15	2.20	20.42	2.28	21.09	2.31	22.98	2.35	24.26	2.40
		105	17.66	2.21	18.95	2.29	20.25	2.38	21.00	2.41	22.84	2.45	24.13	2.50
		110	17.44	2.30	18.76	2.38	20.07	2.47	20.90	2.50	22.70	2.55	24.01	2.60
		115	17.23	2.39	18.56	2.47	19.89	2.56	20.81	2.59	22.56	2.64	23.89	2.70
		118	17.10	2.44	18.45	2.53	19.79	2.62	20.76	2.65	22.47	2.70	23.81	2.75
		122	17.06	2.51	18.41	2.60	19.75	2.69	20.74	2.73	22.44	2.78	23.79	2.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 29: KUMXA241A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 12	-4	21.87	1.34	23.23	1.39	24.59	1.44	25.57	1.46	27.31	1.49	28.67	1.52
		0	21.86	1.36	23.22	1.41	24.58	1.46	25.56	1.48	27.29	1.50	28.65	1.53
		5	21.84	1.38	23.20	1.43	24.56	1.48	25.54	1.50	27.27	1.53	28.63	1.56
		10	21.83	1.40	23.18	1.45	24.54	1.51	25.52	1.52	27.25	1.55	28.61	1.58
		14	21.81	1.42	23.17	1.47	24.52	1.53	25.50	1.55	27.23	1.57	28.58	1.61
		20	21.79	1.44	23.15	1.49	24.50	1.55	25.48	1.57	27.21	1.60	28.56	1.63
		25	21.78	1.46	23.13	1.52	24.48	1.57	25.46	1.59	27.19	1.62	28.54	1.65
		30	21.76	1.48	23.11	1.54	24.46	1.59	25.44	1.61	27.17	1.64	28.52	1.67
		35	21.75	1.50	23.10	1.56	24.45	1.62	25.42	1.63	27.15	1.66	28.50	1.70
		40	21.73	1.52	23.08	1.58	24.43	1.64	25.40	1.66	27.13	1.69	28.48	1.72
		45	21.71	1.54	23.06	1.60	24.41	1.66	25.38	1.68	27.11	1.71	28.45	1.74
		50	21.70	1.56	23.04	1.62	24.39	1.68	25.36	1.70	27.08	1.73	28.43	1.77
		55	21.68	1.59	23.02	1.64	24.37	1.70	25.34	1.72	27.06	1.75	28.41	1.79
		60	21.66	1.61	23.01	1.66	24.35	1.73	25.32	1.74	27.04	1.78	28.39	1.81
		65	21.65	1.63	22.99	1.69	24.33	1.75	25.30	1.77	27.02	1.80	28.37	1.84
		70	21.63	1.65	22.97	1.71	24.32	1.77	25.29	1.79	27.00	1.82	28.34	1.86
		75	21.11	1.74	22.45	1.80	23.79	1.86	24.76	1.89	26.47	1.92	27.81	1.96
		80	20.59	1.82	21.92	1.89	23.26	1.96	24.23	1.98	25.93	2.02	27.27	2.06
		85	20.07	1.91	21.41	1.98	22.74	2.06	23.70	2.08	25.41	2.12	26.74	2.16
		90	19.56	2.00	20.89	2.07	22.22	2.15	23.18	2.18	24.88	2.22	26.21	2.26
		95	19.00	2.09	20.32	2.17	21.64	2.25	22.25	2.27	24.29	2.31	25.61	2.36
		100	18.77	2.18	20.11	2.26	21.46	2.34	22.15	2.37	24.14	2.41	25.48	2.46
		105	18.55	2.27	19.91	2.35	21.27	2.44	22.06	2.47	23.99	2.51	25.35	2.56
		110	18.32	2.36	19.71	2.44	21.08	2.53	21.96	2.56	23.84	2.61	25.22	2.66
		115	18.10	2.45	19.50	2.54	20.90	2.63	21.86	2.66	23.70	2.71	25.09	2.76
		118	17.97	2.50	19.38	2.59	20.79	2.69	21.81	2.72	23.61	2.77	25.02	2.82
		122	17.92	2.57	19.34	2.66	20.75	2.76	21.79	2.79	23.58	2.85	24.99	2.90
	9 + 12	-4	23.98	1.41	25.47	1.46	26.96	1.52	28.03	1.53	29.94	1.56	31.42	1.59
		0	23.97	1.43	25.45	1.48	26.94	1.53	28.02	1.55	29.92	1.58	31.41	1.61
		5	23.95	1.45	25.43	1.50	26.92	1.56	27.99	1.57	29.89	1.60	31.38	1.64
		10	23.93	1.47	25.41	1.52	26.90	1.58	27.97	1.60	29.87	1.63	31.36	1.66
		14	23.91	1.49	25.39	1.55	26.88	1.60	27.95	1.62	29.85	1.65	31.33	1.68
		20	23.89	1.51	25.37	1.57	26.86	1.63	27.93	1.64	29.83	1.68	31.31	1.71
		25	23.87	1.53	25.36	1.59	26.84	1.65	27.91	1.67	29.80	1.70	31.29	1.73
		30	23.85	1.56	25.34	1.61	26.82	1.67	27.89	1.69	29.78	1.72	31.26	1.76
		35	23.84	1.58	25.32	1.64	26.80	1.69	27.87	1.71	29.76	1.75	31.24	1.78
		40	23.82	1.60	25.30	1.66	26.78	1.72	27.85	1.74	29.74	1.77	31.21	1.81
		45	23.80	1.62	25.28	1.68	26.76	1.74	27.82	1.76	29.71	1.79	31.19	1.83
		50	23.78	1.64	25.26	1.70	26.74	1.76	27.80	1.78	29.69	1.82	31.17	1.85
		55	23.76	1.66	25.24	1.72	26.72	1.79	27.78	1.81	29.67	1.84	31.14	1.88
		60	23.75	1.68	25.22	1.75	26.69	1.81	27.76	1.83	29.64	1.87	31.12	1.90
		65	23.73	1.71	25.20	1.77	26.67	1.83	27.74	1.85	29.62	1.89	31.09	1.93
		70	23.71	1.73	25.18	1.79	26.65	1.86	27.72	1.88	29.60	1.91	31.07	1.95
		75	23.14	1.82	24.61	1.89	26.08	1.96	27.14	1.98	29.01	2.02	30.48	2.06
		80	22.57	1.91	24.03	1.98	25.50	2.06	26.56	2.08	28.43	2.12	29.89	2.16
		85	22.00	2.01	23.46	2.08	24.93	2.16	25.98	2.18	27.85	2.22	29.31	2.27
		90	21.44	2.10	22.89	2.18	24.35	2.26	25.41	2.28	27.27	2.33	28.73	2.37
		95	20.82	2.19	22.27	2.27	23.72	2.36	24.39	2.38	26.63	2.43	28.08	2.48
		100	20.58	2.29	22.05	2.37	23.52	2.46	24.28	2.49	26.46	2.53	27.93	2.58
		105	20.33	2.38	21.82	2.47	23.32	2.56	24.18	2.59	26.30	2.64	27.79	2.69
		110	20.09	2.47	21.60	2.56	23.11	2.66	24.07	2.69	26.14	2.74	27.65	2.79
		115	19.84	2.57	21.38	2.66	22.91	2.76	23.97	2.79	25.98	2.84	27.51	2.90
		118	19.69	2.62	21.24	2.72	22.79	2.82	23.90	2.85	25.88	2.90	27.42	2.96
		122	19.65	2.70	21.20	2.80	22.74	2.90	23.88	2.93	25.85	2.99	27.39	3.05

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 30: KUMXA241A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 15	-4	27.13	1.51	28.82	1.56	30.51	1.62	31.72	1.64	33.88	1.67	35.56	1.70
		0	27.12	1.53	28.80	1.58	30.49	1.64	31.70	1.66	33.86	1.69	35.54	1.72
		5	27.10	1.55	28.78	1.61	30.46	1.67	31.68	1.69	33.83	1.72	35.51	1.75
		10	27.08	1.57	28.76	1.63	30.44	1.69	31.65	1.71	33.80	1.74	35.48	1.78
		14	27.06	1.60	28.74	1.65	30.42	1.72	31.63	1.73	33.78	1.77	35.46	1.80
		20	27.04	1.62	28.71	1.68	30.39	1.74	31.61	1.76	33.75	1.79	35.43	1.83
		25	27.01	1.64	28.69	1.70	30.37	1.76	31.58	1.78	33.73	1.82	35.40	1.85
		30	26.99	1.67	28.67	1.73	30.35	1.79	31.56	1.81	33.70	1.84	35.38	1.88
		35	26.97	1.69	28.65	1.75	30.32	1.81	31.53	1.83	33.67	1.87	35.35	1.91
		40	26.95	1.71	28.63	1.77	30.30	1.84	31.51	1.86	33.65	1.89	35.32	1.93
		45	26.93	1.73	28.61	1.80	30.28	1.86	31.49	1.88	33.62	1.92	35.30	1.96
		50	26.91	1.76	28.58	1.82	30.25	1.89	31.46	1.91	33.60	1.95	35.27	1.98
		55	26.89	1.78	28.56	1.84	30.23	1.91	31.44	1.93	33.57	1.97	35.24	2.01
		60	26.87	1.80	28.54	1.87	30.21	1.94	31.41	1.96	33.55	2.00	35.21	2.04
		65	26.85	1.83	28.52	1.89	30.18	1.96	31.39	1.98	33.52	2.02	35.19	2.06
		70	26.83	1.85	28.50	1.92	30.16	1.99	31.37	2.01	33.49	2.05	35.16	2.09
		75	26.18	1.95	27.85	2.02	29.51	2.09	30.71	2.12	32.83	2.16	34.49	2.20
		80	25.54	2.05	27.20	2.12	28.85	2.20	30.05	2.23	32.17	2.27	33.83	2.31
		85	24.90	2.15	26.55	2.23	28.21	2.31	29.40	2.33	31.51	2.38	33.17	2.43
		90	24.26	2.25	25.91	2.33	27.56	2.41	28.75	2.44	30.86	2.49	32.51	2.54
		95	23.56	2.35	25.21	2.43	26.85	2.52	27.60	2.55	30.13	2.60	31.77	2.65
		100	23.29	2.45	24.95	2.54	26.62	2.63	27.48	2.66	29.95	2.71	31.61	2.76
		105	23.01	2.55	24.70	2.64	26.38	2.74	27.36	2.77	29.76	2.82	31.45	2.88
		110	22.73	2.65	24.44	2.74	26.15	2.84	27.24	2.88	29.58	2.93	31.29	2.99
		115	22.45	2.75	24.19	2.85	25.92	2.95	27.12	2.98	29.39	3.04	31.13	3.10
		118	22.29	2.81	24.04	2.91	25.78	3.01	27.05	3.05	29.28	3.11	31.03	3.17
		122	22.23	2.89	23.99	2.99	25.74	3.10	27.02	3.14	29.25	3.20	31.00	3.26
	12 + 12	-4	27.13	1.51	28.82	1.56	30.51	1.62	31.72	1.64	33.88	1.67	35.56	1.70
		0	27.12	1.53	28.80	1.58	30.49	1.64	31.70	1.66	33.86	1.69	35.54	1.72
		5	27.10	1.55	28.78	1.61	30.46	1.67	31.68	1.69	33.83	1.72	35.51	1.75
		10	27.08	1.57	28.76	1.63	30.44	1.69	31.65	1.71	33.80	1.74	35.48	1.78
		14	27.06	1.60	28.74	1.65	30.42	1.72	31.63	1.73	33.78	1.77	35.46	1.80
		20	27.04	1.62	28.71	1.68	30.39	1.74	31.61	1.76	33.75	1.79	35.43	1.83
		25	27.01	1.64	28.69	1.70	30.37	1.76	31.58	1.78	33.73	1.82	35.40	1.85
		30	26.99	1.67	28.67	1.73	30.35	1.79	31.56	1.81	33.70	1.84	35.38	1.88
		35	26.97	1.69	28.65	1.75	30.32	1.81	31.53	1.83	33.67	1.87	35.35	1.91
		40	26.95	1.71	28.63	1.77	30.30	1.84	31.51	1.86	33.65	1.89	35.32	1.93
		45	26.93	1.73	28.61	1.80	30.28	1.86	31.49	1.88	33.62	1.92	35.30	1.96
		50	26.91	1.76	28.58	1.82	30.25	1.89	31.46	1.91	33.60	1.95	35.27	1.98
		55	26.89	1.78	28.56	1.84	30.23	1.91	31.44	1.93	33.57	1.97	35.24	2.01
		60	26.87	1.80	28.54	1.87	30.21	1.94	31.41	1.96	33.55	2.00	35.21	2.04
		65	26.85	1.83	28.52	1.89	30.18	1.96	31.39	1.98	33.52	2.02	35.19	2.06
		70	26.83	1.85	28.50	1.92	30.16	1.99	31.37	2.01	33.49	2.05	35.16	2.09
		75	26.18	1.95	27.85	2.02	29.51	2.09	30.71	2.12	32.83	2.16	34.49	2.20
		80	25.54	2.05	27.20	2.12	28.85	2.20	30.05	2.23	32.17	2.27	33.83	2.31
		85	24.90	2.15	26.55	2.23	28.21	2.31	29.40	2.33	31.51	2.38	33.17	2.43
		90	24.26	2.25	25.91	2.33	27.56	2.41	28.75	2.44	30.86	2.49	32.51	2.54
		95	23.56	2.35	25.21	2.43	26.85	2.52	27.60	2.55	30.13	2.60	31.77	2.65
		100	23.29	2.45	24.95	2.54	26.62	2.63	27.48	2.66	29.95	2.71	31.61	2.76
		105	23.01	2.55	24.70	2.64	26.38	2.74	27.36	2.77	29.76	2.82	31.45	2.88
		110	22.73	2.65	24.44	2.74	26.15	2.84	27.24	2.88	29.58	2.93	31.29	2.99
		115	22.45	2.75	24.19	2.85	25.92	2.95	27.12	2.98	29.39	3.04	31.13	3.10
		118	22.29	2.81	24.04	2.91	25.78	3.01	27.05	3.05	29.28	3.11	31.03	3.17
		122	22.23	2.89	23.99	2.99	25.74	3.10	27.02	3.14	29.25	3.20	31.00	3.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 31: KUMXA241A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 18	-4	27.13	1.51	28.82	1.56	30.51	1.62	31.72	1.64	33.88	1.67	35.56	1.70
		0	27.12	1.53	28.80	1.58	30.49	1.64	31.70	1.66	33.86	1.69	35.54	1.72
		5	27.10	1.55	28.78	1.61	30.46	1.67	31.68	1.69	33.83	1.72	35.51	1.75
		10	27.08	1.57	28.76	1.63	30.44	1.69	31.65	1.71	33.80	1.74	35.48	1.78
		14	27.06	1.60	28.74	1.65	30.42	1.72	31.63	1.73	33.78	1.77	35.46	1.80
		20	27.04	1.62	28.71	1.68	30.39	1.74	31.61	1.76	33.75	1.79	35.43	1.83
		25	27.01	1.64	28.69	1.70	30.37	1.76	31.58	1.78	33.73	1.82	35.40	1.85
		30	26.99	1.67	28.67	1.73	30.35	1.79	31.56	1.81	33.70	1.84	35.38	1.88
		35	26.97	1.69	28.65	1.75	30.32	1.81	31.53	1.83	33.67	1.87	35.35	1.91
		40	26.95	1.71	28.63	1.77	30.30	1.84	31.51	1.86	33.65	1.89	35.32	1.93
		45	26.93	1.73	28.61	1.80	30.28	1.86	31.49	1.88	33.62	1.92	35.30	1.96
		50	26.91	1.76	28.58	1.82	30.25	1.89	31.46	1.91	33.60	1.95	35.27	1.98
		55	26.89	1.78	28.56	1.84	30.23	1.91	31.44	1.93	33.57	1.97	35.24	2.01
		60	26.87	1.80	28.54	1.87	30.21	1.94	31.41	1.96	33.55	2.00	35.21	2.04
		65	26.85	1.83	28.52	1.89	30.18	1.96	31.39	1.98	33.52	2.02	35.19	2.06
		70	26.83	1.85	28.50	1.92	30.16	1.99	31.37	2.01	33.49	2.05	35.16	2.09
		75	26.18	1.95	27.85	2.02	29.51	2.09	30.71	2.12	32.83	2.16	34.49	2.20
		80	25.54	2.05	27.20	2.12	28.85	2.20	30.05	2.23	32.17	2.27	33.83	2.31
		85	24.90	2.15	26.55	2.23	28.21	2.31	29.40	2.33	31.51	2.38	33.17	2.43
		90	24.26	2.25	25.91	2.33	27.56	2.41	28.75	2.44	30.86	2.49	32.51	2.54
		95	23.56	2.35	25.21	2.43	26.85	2.52	27.60	2.55	30.13	2.60	31.77	2.65
		100	23.29	2.45	24.95	2.54	26.62	2.63	27.48	2.66	29.95	2.71	31.61	2.76
		105	23.01	2.55	24.70	2.64	26.38	2.74	27.36	2.77	29.76	2.82	31.45	2.88
		110	22.73	2.65	24.44	2.74	26.15	2.84	27.24	2.88	29.58	2.93	31.29	2.99
		115	22.45	2.75	24.19	2.85	25.92	2.95	27.12	2.98	29.39	3.04	31.13	3.10
		118	22.29	2.81	24.04	2.91	25.78	3.01	27.05	3.05	29.28	3.11	31.03	3.17
		122	22.23	2.89	23.99	2.99	25.74	3.10	27.02	3.14	29.25	3.20	31.00	3.26
	9 + 18	-4	27.13	1.51	28.82	1.56	30.51	1.62	31.72	1.64	33.88	1.67	35.56	1.70
		0	27.12	1.53	28.80	1.58	30.49	1.64	31.70	1.66	33.86	1.69	35.54	1.72
		5	27.10	1.55	28.78	1.61	30.46	1.67	31.68	1.69	33.83	1.72	35.51	1.75
		10	27.08	1.57	28.76	1.63	30.44	1.69	31.65	1.71	33.80	1.74	35.48	1.78
		14	27.06	1.60	28.74	1.65	30.42	1.72	31.63	1.73	33.78	1.77	35.46	1.80
		20	27.04	1.62	28.71	1.68	30.39	1.74	31.61	1.76	33.75	1.79	35.43	1.83
		25	27.01	1.64	28.69	1.70	30.37	1.76	31.58	1.78	33.73	1.82	35.40	1.85
		30	26.99	1.67	28.67	1.73	30.35	1.79	31.56	1.81	33.70	1.84	35.38	1.88
		35	26.97	1.69	28.65	1.75	30.32	1.81	31.53	1.83	33.67	1.87	35.35	1.91
		40	26.95	1.71	28.63	1.77	30.30	1.84	31.51	1.86	33.65	1.89	35.32	1.93
		45	26.93	1.73	28.61	1.80	30.28	1.86	31.49	1.88	33.62	1.92	35.30	1.96
		50	26.91	1.76	28.58	1.82	30.25	1.89	31.46	1.91	33.60	1.95	35.27	1.98
		55	26.89	1.78	28.56	1.84	30.23	1.91	31.44	1.93	33.57	1.97	35.24	2.01
		60	26.87	1.80	28.54	1.87	30.21	1.94	31.41	1.96	33.55	2.00	35.21	2.04
		65	26.85	1.83	28.52	1.89	30.18	1.96	31.39	1.98	33.52	2.02	35.19	2.06
		70	26.83	1.85	28.50	1.92	30.16	1.99	31.37	2.01	33.49	2.05	35.16	2.09
		75	26.18	1.95	27.85	2.02	29.51	2.09	30.71	2.12	32.83	2.16	34.49	2.20
		80	25.54	2.05	27.20	2.12	28.85	2.20	30.05	2.23	32.17	2.27	33.83	2.31
		85	24.90	2.15	26.55	2.23	28.21	2.31	29.40	2.33	31.51	2.38	33.17	2.43
		90	24.26	2.25	25.91	2.33	27.56	2.41	28.75	2.44	30.86	2.49	32.51	2.54
		95	23.56	2.35	25.21	2.43	26.85	2.52	27.60	2.55	30.13	2.60	31.77	2.65
		100	23.29	2.45	24.95	2.54	26.62	2.63	27.48	2.66	29.95	2.71	31.61	2.76
		105	23.01	2.55	24.70	2.64	26.38	2.74	27.36	2.77	29.76	2.82	31.45	2.88
		110	22.73	2.65	24.44	2.74	26.15	2.84	27.24	2.88	29.58	2.93	31.29	2.99
		115	22.45	2.75	24.19	2.85	25.92	2.95	27.12	2.98	29.39	3.04	31.13	3.10
		118	22.29	2.81	24.04	2.91	25.78	3.01	27.05	3.05	29.28	3.11	31.03	3.17
		122	22.23	2.89	23.99	2.99	25.74	3.10	27.02	3.14	29.25	3.20	31.00	3.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 32: KUMXA241A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 15	-4	27.13	1.51	28.82	1.56	30.51	1.62	31.72	1.64	33.88	1.67	35.56	1.70
		0	27.12	1.53	28.80	1.58	30.49	1.64	31.70	1.66	33.86	1.69	35.54	1.72
		5	27.10	1.55	28.78	1.61	30.46	1.67	31.68	1.69	33.83	1.72	35.51	1.75
		10	27.08	1.57	28.76	1.63	30.44	1.69	31.65	1.71	33.80	1.74	35.48	1.78
		14	27.06	1.60	28.74	1.65	30.42	1.72	31.63	1.73	33.78	1.77	35.46	1.80
		20	27.04	1.62	28.71	1.68	30.39	1.74	31.61	1.76	33.75	1.79	35.43	1.83
		25	27.01	1.64	28.69	1.70	30.37	1.76	31.58	1.78	33.73	1.82	35.40	1.85
		30	26.99	1.67	28.67	1.73	30.35	1.79	31.56	1.81	33.70	1.84	35.38	1.88
		35	26.97	1.69	28.65	1.75	30.32	1.81	31.53	1.83	33.67	1.87	35.35	1.91
		40	26.95	1.71	28.63	1.77	30.30	1.84	31.51	1.86	33.65	1.89	35.32	1.93
		45	26.93	1.73	28.61	1.80	30.28	1.86	31.49	1.88	33.62	1.92	35.30	1.96
		50	26.91	1.76	28.58	1.82	30.25	1.89	31.46	1.91	33.60	1.95	35.27	1.98
		55	26.89	1.78	28.56	1.84	30.23	1.91	31.44	1.93	33.57	1.97	35.24	2.01
		60	26.87	1.80	28.54	1.87	30.21	1.94	31.41	1.96	33.55	2.00	35.21	2.04
		65	26.85	1.83	28.52	1.89	30.18	1.96	31.39	1.98	33.52	2.02	35.19	2.06
		70	26.83	1.85	28.50	1.92	30.16	1.99	31.37	2.01	33.49	2.05	35.16	2.09
		75	26.18	1.95	27.85	2.02	29.51	2.09	30.71	2.12	32.83	2.16	34.49	2.20
		80	25.54	2.05	27.20	2.12	28.85	2.20	30.05	2.23	32.17	2.27	33.83	2.31
		85	24.90	2.15	26.55	2.23	28.21	2.31	29.40	2.33	31.51	2.38	33.17	2.43
		90	24.26	2.25	25.91	2.33	27.56	2.41	28.75	2.44	30.86	2.49	32.51	2.54
		95	23.56	2.35	25.21	2.43	26.85	2.52	27.60	2.55	30.13	2.60	31.77	2.65
		100	23.29	2.45	24.95	2.54	26.62	2.63	27.48	2.66	29.95	2.71	31.61	2.76
		105	23.01	2.55	24.70	2.64	26.38	2.74	27.36	2.77	29.76	2.82	31.45	2.88
		110	22.73	2.65	24.44	2.74	26.15	2.84	27.24	2.88	29.58	2.93	31.29	2.99
		115	22.45	2.75	24.19	2.85	25.92	2.95	27.12	2.98	29.39	3.04	31.13	3.10
		118	22.29	2.81	24.04	2.91	25.78	3.01	27.05	3.05	29.28	3.11	31.03	3.17
		122	22.23	2.89	23.99	2.99	25.74	3.10	27.02	3.14	29.25	3.20	31.00	3.26
	12* + 18*	-4	27.13	1.51	28.82	1.56	30.51	1.62	31.72	1.64	33.88	1.67	35.56	1.70
		0	27.12	1.53	28.80	1.58	30.49	1.64	31.70	1.66	33.86	1.69	35.54	1.72
		5	27.10	1.55	28.78	1.61	30.46	1.67	31.68	1.69	33.83	1.72	35.51	1.75
		10	27.08	1.57	28.76	1.63	30.44	1.69	31.65	1.71	33.80	1.74	35.48	1.78
		14	27.06	1.60	28.74	1.65	30.42	1.72	31.63	1.73	33.78	1.77	35.46	1.80
		20	27.04	1.62	28.71	1.68	30.39	1.74	31.61	1.76	33.75	1.79	35.43	1.83
		25	27.01	1.64	28.69	1.70	30.37	1.76	31.58	1.78	33.73	1.82	35.40	1.85
		30	26.99	1.67	28.67	1.73	30.35	1.79	31.56	1.81	33.70	1.84	35.38	1.88
		35	26.97	1.69	28.65	1.75	30.32	1.81	31.53	1.83	33.67	1.87	35.35	1.91
		40	26.95	1.71	28.63	1.77	30.30	1.84	31.51	1.86	33.65	1.89	35.32	1.93
		45	26.93	1.73	28.61	1.80	30.28	1.86	31.49	1.88	33.62	1.92	35.30	1.96
		50	26.91	1.76	28.58	1.82	30.25	1.89	31.46	1.91	33.60	1.95	35.27	1.98
		55	26.89	1.78	28.56	1.84	30.23	1.91	31.44	1.93	33.57	1.97	35.24	2.01
		60	26.87	1.80	28.54	1.87	30.21	1.94	31.41	1.96	33.55	2.00	35.21	2.04
		65	26.85	1.83	28.52	1.89	30.18	1.96	31.39	1.98	33.52	2.02	35.19	2.06
		70	26.83	1.85	28.50	1.92	30.16	1.99	31.37	2.01	33.49	2.05	35.16	2.09
		75	26.18	1.95	27.85	2.02	29.51	2.09	30.71	2.12	32.83	2.16	34.49	2.20
		80	25.54	2.05	27.20	2.12	28.85	2.20	30.05	2.23	32.17	2.27	33.83	2.31
		85	24.90	2.15	26.55	2.23	28.21	2.31	29.40	2.33	31.51	2.38	33.17	2.43
		90	24.26	2.25	25.91	2.33	27.56	2.41	28.75	2.44	30.86	2.49	32.51	2.54
		95	23.56	2.35	25.21	2.43	26.85	2.52	27.60	2.55	30.13	2.60	31.77	2.65
		100	23.29	2.45	24.95	2.54	26.62	2.63	27.48	2.66	29.95	2.71	31.61	2.76
		105	23.01	2.55	24.70	2.64	26.38	2.74	27.36	2.77	29.76	2.82	31.45	2.88
		110	22.73	2.65	24.44	2.74	26.15	2.84	27.24	2.88	29.58	2.93	31.29	2.99
		115	22.45	2.75	24.19	2.85	25.92	2.95	27.12	2.98	29.39	3.04	31.13	3.10
		118	22.29	2.81	24.04	2.91	25.78	3.01	27.05	3.05	29.28	3.11	31.03	3.17
		122	22.23	2.89	23.99	2.99	25.74	3.10	27.02	3.14	29.25	3.20	31.00	3.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 33: KUMXA241A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	15 + 18*	-4	27.13	1.51	28.82	1.56	30.51	1.62	31.72	1.64	33.88	1.67	35.56	1.70
		0	27.12	1.53	28.80	1.58	30.49	1.64	31.70	1.66	33.86	1.69	35.54	1.72
		5	27.10	1.55	28.78	1.61	30.46	1.67	31.68	1.69	33.83	1.72	35.51	1.75
		10	27.08	1.57	28.76	1.63	30.44	1.69	31.65	1.71	33.80	1.74	35.48	1.78
		14	27.06	1.60	28.74	1.65	30.42	1.72	31.63	1.73	33.78	1.77	35.46	1.80
		20	27.04	1.62	28.71	1.68	30.39	1.74	31.61	1.76	33.75	1.79	35.43	1.83
		25	27.01	1.64	28.69	1.70	30.37	1.76	31.58	1.78	33.73	1.82	35.40	1.85
		30	26.99	1.67	28.67	1.73	30.35	1.79	31.56	1.81	33.70	1.84	35.38	1.88
		35	26.97	1.69	28.65	1.75	30.32	1.81	31.53	1.83	33.67	1.87	35.35	1.91
		40	26.95	1.71	28.63	1.77	30.30	1.84	31.51	1.86	33.65	1.89	35.32	1.93
		45	26.93	1.73	28.61	1.80	30.28	1.86	31.49	1.88	33.62	1.92	35.30	1.96
		50	26.91	1.76	28.58	1.82	30.25	1.89	31.46	1.91	33.60	1.95	35.27	1.98
		55	26.89	1.78	28.56	1.84	30.23	1.91	31.44	1.93	33.57	1.97	35.24	2.01
		60	26.87	1.80	28.54	1.87	30.21	1.94	31.41	1.96	33.55	2.00	35.21	2.04
		65	26.85	1.83	28.52	1.89	30.18	1.96	31.39	1.98	33.52	2.02	35.19	2.06
		70	26.83	1.85	28.50	1.92	30.16	1.99	31.37	2.01	33.49	2.05	35.16	2.09
		75	26.18	1.95	27.85	2.02	29.51	2.09	30.71	2.12	32.83	2.16	34.49	2.20
		80	25.54	2.05	27.20	2.12	28.85	2.20	30.05	2.23	32.17	2.27	33.83	2.31
		85	24.90	2.15	26.55	2.23	28.21	2.31	29.40	2.33	31.51	2.38	33.17	2.43
		90	24.26	2.25	25.91	2.33	27.56	2.41	28.75	2.44	30.86	2.49	32.51	2.54
		95	23.56	2.35	25.21	2.43	26.85	2.52	27.60	2.55	30.13	2.60	31.77	2.65
		100	23.29	2.45	24.95	2.54	26.62	2.63	27.48	2.66	29.95	2.71	31.61	2.76
		105	23.01	2.55	24.70	2.64	26.38	2.74	27.36	2.77	29.76	2.82	31.45	2.88
		110	22.73	2.65	24.44	2.74	26.15	2.84	27.24	2.88	29.58	2.93	31.29	2.99
		115	22.45	2.75	24.19	2.85	25.92	2.95	27.12	2.98	29.39	3.04	31.13	3.10
		118	22.29	2.81	24.04	2.91	25.78	3.01	27.05	3.05	29.28	3.11	31.03	3.17
		122	22.23	2.89	23.99	2.99	25.74	3.10	27.02	3.14	29.25	3.20	31.00	3.26
Three (3) Mixed Indoor Units	7 + 7 + 9	-4	26.00	1.41	27.62	1.46	29.23	1.51	30.40	1.53	32.46	1.56	34.08	1.59
		0	25.99	1.42	27.60	1.47	29.22	1.53	30.38	1.55	32.45	1.57	34.06	1.61
		5	25.97	1.45	27.58	1.50	29.19	1.55	30.36	1.57	32.42	1.60	34.03	1.63
		10	25.95	1.47	27.56	1.52	29.17	1.58	30.34	1.59	32.39	1.62	34.01	1.66
		14	25.93	1.49	27.54	1.54	29.15	1.60	30.31	1.62	32.37	1.65	33.98	1.68
		20	25.91	1.51	27.52	1.56	29.13	1.62	30.29	1.64	32.35	1.67	33.95	1.70
		25	25.89	1.53	27.50	1.59	29.11	1.64	30.27	1.66	32.32	1.69	33.93	1.73
		30	25.87	1.55	27.48	1.61	29.08	1.67	30.24	1.69	32.30	1.72	33.90	1.75
		35	25.85	1.57	27.46	1.63	29.06	1.69	30.22	1.71	32.27	1.74	33.88	1.78
		40	25.83	1.60	27.43	1.65	29.04	1.71	30.20	1.73	32.25	1.77	33.85	1.80
		45	25.81	1.62	27.41	1.68	29.02	1.74	30.17	1.76	32.22	1.79	33.82	1.83
		50	25.79	1.64	27.39	1.70	28.99	1.76	30.15	1.78	32.20	1.81	33.80	1.85
		55	25.77	1.66	27.37	1.72	28.97	1.78	30.13	1.80	32.17	1.84	33.77	1.87
		60	25.75	1.68	27.35	1.74	28.95	1.81	30.10	1.83	32.15	1.86	33.75	1.90
		65	25.73	1.70	27.33	1.76	28.93	1.83	30.08	1.85	32.12	1.88	33.72	1.92
		70	25.71	1.72	27.31	1.79	28.90	1.85	30.06	1.87	32.10	1.91	33.70	1.95
		75	25.09	1.82	26.69	1.88	28.28	1.95	29.43	1.97	31.46	2.01	33.06	2.05
		80	24.47	1.91	26.06	1.98	27.65	2.05	28.80	2.07	30.83	2.11	32.42	2.16
		85	23.86	2.00	25.45	2.08	27.03	2.15	28.18	2.18	30.20	2.22	31.79	2.26
		90	23.25	2.10	24.83	2.17	26.41	2.25	27.55	2.28	29.57	2.32	31.15	2.37
		95	22.58	2.19	24.16	2.27	25.73	2.35	26.45	2.38	28.87	2.42	30.45	2.47
		100	22.32	2.28	23.91	2.36	25.51	2.45	26.34	2.48	28.70	2.53	30.29	2.58
		105	22.05	2.37	23.67	2.46	25.29	2.55	26.22	2.58	28.52	2.63	30.14	2.68
		110	21.78	2.47	23.42	2.56	25.06	2.65	26.11	2.68	28.35	2.73	29.98	2.79
		115	21.52	2.56	23.18	2.65	24.84	2.75	25.99	2.78	28.17	2.83	29.83	2.89
		118	21.36	2.62	23.04	2.71	24.71	2.81	25.92	2.84	28.06	2.90	29.74	2.95
		122	21.31	2.69	22.99	2.79	24.67	2.89	25.90	2.92	28.03	2.98	29.71	3.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 34: KUMXA241A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7 + 9 + 9	-4	28.27	1.48	30.02	1.53	31.78	1.59	33.04	1.61	35.29	1.64	37.04	1.67
		0	28.25	1.50	30.00	1.55	31.76	1.61	33.03	1.62	35.27	1.66	37.02	1.69
		5	28.23	1.52	29.98	1.58	31.73	1.63	33.00	1.65	35.24	1.68	36.99	1.72
		10	28.21	1.54	29.96	1.60	31.71	1.66	32.97	1.68	35.21	1.71	36.96	1.74
		14	28.18	1.56	29.93	1.62	31.68	1.68	32.95	1.70	35.18	1.73	36.94	1.77
		20	28.16	1.59	29.91	1.64	31.66	1.70	32.92	1.72	35.16	1.76	36.91	1.79
		25	28.14	1.61	29.89	1.67	31.64	1.73	32.90	1.75	35.13	1.78	36.88	1.82
		30	28.12	1.63	29.87	1.69	31.61	1.75	32.87	1.77	35.10	1.81	36.85	1.84
		35	28.10	1.65	29.84	1.71	31.59	1.78	32.85	1.80	35.08	1.83	36.82	1.87
		40	28.08	1.68	29.82	1.74	31.56	1.80	32.82	1.82	35.05	1.86	36.79	1.89
		45	28.05	1.70	29.80	1.76	31.54	1.83	32.80	1.85	35.02	1.88	36.77	1.92
		50	28.03	1.72	29.77	1.78	31.52	1.85	32.77	1.87	35.00	1.91	36.74	1.94
		55	28.01	1.74	29.75	1.81	31.49	1.87	32.75	1.90	34.97	1.93	36.71	1.97
		60	27.99	1.77	29.73	1.83	31.47	1.90	32.72	1.92	34.94	1.96	36.68	2.00
		65	27.97	1.79	29.71	1.85	31.44	1.92	32.70	1.94	34.92	1.98	36.65	2.02
		70	27.95	1.81	29.68	1.88	31.42	1.95	32.67	1.97	34.89	2.01	36.63	2.05
		75	27.27	1.91	29.01	1.98	30.74	2.05	31.99	2.08	34.20	2.11	35.93	2.16
		80	26.60	2.01	28.33	2.08	30.06	2.16	31.30	2.18	33.51	2.22	35.24	2.27
		85	25.94	2.10	27.66	2.18	29.38	2.26	30.63	2.29	32.83	2.33	34.55	2.38
		90	25.27	2.20	26.99	2.28	28.71	2.37	29.95	2.39	32.14	2.44	33.86	2.49
		95	24.55	2.30	26.26	2.38	27.97	2.47	28.75	2.50	31.39	2.55	33.10	2.60
		100	24.26	2.40	25.99	2.49	27.72	2.58	28.63	2.61	31.19	2.66	32.93	2.71
		105	23.97	2.50	25.73	2.59	27.48	2.68	28.50	2.71	31.00	2.76	32.76	2.82
		110	23.68	2.59	25.46	2.69	27.24	2.79	28.38	2.82	30.81	2.87	32.59	2.93
		115	23.39	2.69	25.20	2.79	27.00	2.89	28.25	2.92	30.62	2.98	32.42	3.04
		118	23.22	2.75	25.04	2.85	26.86	2.95	28.18	2.99	30.50	3.04	32.32	3.11
		122	23.16	2.83	24.99	2.93	26.81	3.04	28.15	3.07	30.47	3.13	32.29	3.19
	7 + 7 + 12	-4	28.27	1.48	30.02	1.53	31.78	1.59	33.04	1.61	35.29	1.64	37.04	1.67
		0	28.25	1.50	30.00	1.55	31.76	1.61	33.03	1.62	35.27	1.66	37.02	1.69
		5	28.23	1.52	29.98	1.58	31.73	1.63	33.00	1.65	35.24	1.68	36.99	1.72
		10	28.21	1.54	29.96	1.60	31.71	1.66	32.97	1.68	35.21	1.71	36.96	1.74
		14	28.18	1.56	29.93	1.62	31.68	1.68	32.95	1.70	35.18	1.73	36.94	1.77
		20	28.16	1.59	29.91	1.64	31.66	1.70	32.92	1.72	35.16	1.76	36.91	1.79
		25	28.14	1.61	29.89	1.67	31.64	1.73	32.90	1.75	35.13	1.78	36.88	1.82
		30	28.12	1.63	29.87	1.69	31.61	1.75	32.87	1.77	35.10	1.81	36.85	1.84
		35	28.10	1.65	29.84	1.71	31.59	1.78	32.85	1.80	35.08	1.83	36.82	1.87
		40	28.08	1.68	29.82	1.74	31.56	1.80	32.82	1.82	35.05	1.86	36.79	1.89
		45	28.05	1.70	29.80	1.76	31.54	1.83	32.80	1.85	35.02	1.88	36.77	1.92
		50	28.03	1.72	29.77	1.78	31.52	1.85	32.77	1.87	35.00	1.91	36.74	1.94
		55	28.01	1.74	29.75	1.81	31.49	1.87	32.75	1.90	34.97	1.93	36.71	1.97
		60	27.99	1.77	29.73	1.83	31.47	1.90	32.72	1.92	34.94	1.96	36.68	2.00
		65	27.97	1.79	29.71	1.85	31.44	1.92	32.70	1.94	34.92	1.98	36.65	2.02
		70	27.95	1.81	29.68	1.88	31.42	1.95	32.67	1.97	34.89	2.01	36.63	2.05
		75	27.27	1.91	29.01	1.98	30.74	2.05	31.99	2.08	34.20	2.11	35.93	2.16
		80	26.60	2.01	28.33	2.08	30.06	2.16	31.30	2.18	33.51	2.22	35.24	2.27
		85	25.94	2.10	27.66	2.18	29.38	2.26	30.63	2.29	32.83	2.33	34.55	2.38
		90	25.27	2.20	26.99	2.28	28.71	2.37	29.95	2.39	32.14	2.44	33.86	2.49
		95	24.55	2.30	26.26	2.38	27.97	2.47	28.75	2.50	31.39	2.55	33.10	2.60
		100	24.26	2.40	25.99	2.49	27.72	2.58	28.63	2.61	31.19	2.66	32.93	2.71
		105	23.97	2.50	25.73	2.59	27.48	2.68	28.50	2.71	31.00	2.76	32.76	2.82
		110	23.68	2.59	25.46	2.69	27.24	2.79	28.38	2.82	30.81	2.87	32.59	2.93
		115	23.39	2.69	25.20	2.79	27.00	2.89	28.25	2.92	30.62	2.98	32.42	3.04
		118	23.22	2.75	25.04	2.85	26.86	2.95	28.18	2.99	30.50	3.04	32.32	3.11
		122	23.16	2.83	24.99	2.93	26.81	3.04	28.15	3.07	30.47	3.13	32.29	3.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 35: KUMXA241A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	-4	28.27	1.48	30.02	1.53	31.78	1.59	33.04	1.61	35.29	1.64	37.04	1.67
		0	28.25	1.50	30.00	1.55	31.76	1.61	33.03	1.62	35.27	1.66	37.02	1.69
		5	28.23	1.52	29.98	1.58	31.73	1.63	33.00	1.65	35.24	1.68	36.99	1.72
		10	28.21	1.54	29.96	1.60	31.71	1.66	32.97	1.68	35.21	1.71	36.96	1.74
		14	28.18	1.56	29.93	1.62	31.68	1.68	32.95	1.70	35.18	1.73	36.94	1.77
		20	28.16	1.59	29.91	1.64	31.66	1.70	32.92	1.72	35.16	1.76	36.91	1.79
		25	28.14	1.61	29.89	1.67	31.64	1.73	32.90	1.75	35.13	1.78	36.88	1.82
		30	28.12	1.63	29.87	1.69	31.61	1.75	32.87	1.77	35.10	1.81	36.85	1.84
		35	28.10	1.65	29.84	1.71	31.59	1.78	32.85	1.80	35.08	1.83	36.82	1.87
		40	28.08	1.68	29.82	1.74	31.56	1.80	32.82	1.82	35.05	1.86	36.79	1.89
		45	28.05	1.70	29.80	1.76	31.54	1.83	32.80	1.85	35.02	1.88	36.77	1.92
		50	28.03	1.72	29.77	1.78	31.52	1.85	32.77	1.87	35.00	1.91	36.74	1.94
		55	28.01	1.74	29.75	1.81	31.49	1.87	32.75	1.90	34.97	1.93	36.71	1.97
		60	27.99	1.77	29.73	1.83	31.47	1.90	32.72	1.92	34.94	1.96	36.68	2.00
		65	27.97	1.79	29.71	1.85	31.44	1.92	32.70	1.94	34.92	1.98	36.65	2.02
		70	27.95	1.81	29.68	1.88	31.42	1.95	32.67	1.97	34.89	2.01	36.63	2.05
		75	27.27	1.91	29.01	1.98	30.74	2.05	31.99	2.08	34.20	2.11	35.93	2.16
		80	26.60	2.01	28.33	2.08	30.06	2.16	31.30	2.18	33.51	2.22	35.24	2.27
		85	25.94	2.10	27.66	2.18	29.38	2.26	30.63	2.29	32.83	2.33	34.55	2.38
		90	25.27	2.20	26.99	2.28	28.71	2.37	29.95	2.39	32.14	2.44	33.86	2.49
		95	24.55	2.30	26.26	2.38	27.97	2.47	28.75	2.50	31.39	2.55	33.10	2.60
		100	24.26	2.40	25.99	2.49	27.72	2.58	28.63	2.61	31.19	2.66	32.93	2.71
		105	23.97	2.50	25.73	2.59	27.48	2.68	28.50	2.71	31.00	2.76	32.76	2.82
		110	23.68	2.59	25.46	2.69	27.24	2.79	28.38	2.82	30.81	2.87	32.59	2.93
		115	23.39	2.69	25.20	2.79	27.00	2.89	28.25	2.92	30.62	2.98	32.42	3.04
		118	23.22	2.75	25.04	2.85	26.86	2.95	28.18	2.99	30.50	3.04	32.32	3.11
		122	23.16	2.83	24.99	2.93	26.81	3.04	28.15	3.07	30.47	3.13	32.29	3.19
	7 + 9 + 12*	-4	28.27	1.48	30.02	1.53	31.78	1.59	33.04	1.61	35.29	1.64	37.04	1.67
		0	28.25	1.50	30.00	1.55	31.76	1.61	33.03	1.62	35.27	1.66	37.02	1.69
		5	28.23	1.52	29.98	1.58	31.73	1.63	33.00	1.65	35.24	1.68	36.99	1.72
		10	28.21	1.54	29.96	1.60	31.71	1.66	32.97	1.68	35.21	1.71	36.96	1.74
		14	28.18	1.56	29.93	1.62	31.68	1.68	32.95	1.70	35.18	1.73	36.94	1.77
		20	28.16	1.59	29.91	1.64	31.66	1.70	32.92	1.72	35.16	1.76	36.91	1.79
		25	28.14	1.61	29.89	1.67	31.64	1.73	32.90	1.75	35.13	1.78	36.88	1.82
		30	28.12	1.63	29.87	1.69	31.61	1.75	32.87	1.77	35.10	1.81	36.85	1.84
		35	28.10	1.65	29.84	1.71	31.59	1.78	32.85	1.80	35.08	1.83	36.82	1.87
		40	28.08	1.68	29.82	1.74	31.56	1.80	32.82	1.82	35.05	1.86	36.79	1.89
		45	28.05	1.70	29.80	1.76	31.54	1.83	32.80	1.85	35.02	1.88	36.77	1.92
		50	28.03	1.72	29.77	1.78	31.52	1.85	32.77	1.87	35.00	1.91	36.74	1.94
		55	28.01	1.74	29.75	1.81	31.49	1.87	32.75	1.90	34.97	1.93	36.71	1.97
		60	27.99	1.77	29.73	1.83	31.47	1.90	32.72	1.92	34.94	1.96	36.68	2.00
		65	27.97	1.79	29.71	1.85	31.44	1.92	32.70	1.94	34.92	1.98	36.65	2.02
		70	27.95	1.81	29.68	1.88	31.42	1.95	32.67	1.97	34.89	2.01	36.63	2.05
		75	27.27	1.91	29.01	1.98	30.74	2.05	31.99	2.08	34.20	2.11	35.93	2.16
		80	26.60	2.01	28.33	2.08	30.06	2.16	31.30	2.18	33.51	2.22	35.24	2.27
		85	25.94	2.10	27.66	2.18	29.38	2.26	30.63	2.29	32.83	2.33	34.55	2.38
		90	25.27	2.20	26.99	2.28	28.71	2.37	29.95	2.39	32.14	2.44	33.86	2.49
		95	24.55	2.30	26.26	2.38	27.97	2.47	28.75	2.50	31.39	2.55	33.10	2.60
		100	24.26	2.40	25.99	2.49	27.72	2.58	28.63	2.61	31.19	2.66	32.93	2.71
		105	23.97	2.50	25.73	2.59	27.48	2.68	28.50	2.71	31.00	2.76	32.76	2.82
		110	23.68	2.59	25.46	2.69	27.24	2.79	28.38	2.82	30.81	2.87	32.59	2.93
		115	23.39	2.69	25.20	2.79	27.00	2.89	28.25	2.92	30.62	2.98	32.42	3.04
		118	23.22	2.75	25.04	2.85	26.86	2.95	28.18	2.99	30.50	3.04	32.32	3.11
		122	23.16	2.83	24.99	2.93	26.81	3.04	28.15	3.07	30.47	3.13	32.29	3.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 36: KUMXA241A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9* + 12*	-4	28.27	1.48	30.02	1.53	31.78	1.59	33.04	1.61	35.29	1.64	37.04	1.67
		0	28.25	1.50	30.00	1.55	31.76	1.61	33.03	1.62	35.27	1.66	37.02	1.69
		5	28.23	1.52	29.98	1.58	31.73	1.63	33.00	1.65	35.24	1.68	36.99	1.72
		10	28.21	1.54	29.96	1.60	31.71	1.66	32.97	1.68	35.21	1.71	36.96	1.74
		14	28.18	1.56	29.93	1.62	31.68	1.68	32.95	1.70	35.18	1.73	36.94	1.77
		20	28.16	1.59	29.91	1.64	31.66	1.70	32.92	1.72	35.16	1.76	36.91	1.79
		25	28.14	1.61	29.89	1.67	31.64	1.73	32.90	1.75	35.13	1.78	36.88	1.82
		30	28.12	1.63	29.87	1.69	31.61	1.75	32.87	1.77	35.10	1.81	36.85	1.84
		35	28.10	1.65	29.84	1.71	31.59	1.78	32.85	1.80	35.08	1.83	36.82	1.87
		40	28.08	1.68	29.82	1.74	31.56	1.80	32.82	1.82	35.05	1.86	36.79	1.89
		45	28.05	1.70	29.80	1.76	31.54	1.83	32.80	1.85	35.02	1.88	36.77	1.92
		50	28.03	1.72	29.77	1.78	31.52	1.85	32.77	1.87	35.00	1.91	36.74	1.94
		55	28.01	1.74	29.75	1.81	31.49	1.87	32.75	1.90	34.97	1.93	36.71	1.97
		60	27.99	1.77	29.73	1.83	31.47	1.90	32.72	1.92	34.94	1.96	36.68	2.00
		65	27.97	1.79	29.71	1.85	31.44	1.92	32.70	1.94	34.92	1.98	36.65	2.02
		70	27.95	1.81	29.68	1.88	31.42	1.95	32.67	1.97	34.89	2.01	36.63	2.05
		75	27.27	1.91	29.01	1.98	30.74	2.05	31.99	2.08	34.20	2.11	35.93	2.16
		80	26.60	2.01	28.33	2.08	30.06	2.16	31.30	2.18	33.51	2.22	35.24	2.27
		85	25.94	2.10	27.66	2.18	29.38	2.26	30.63	2.29	32.83	2.33	34.55	2.38
		90	25.27	2.20	26.99	2.28	28.71	2.37	29.95	2.39	32.14	2.44	33.86	2.49
		95	24.55	2.30	26.26	2.38	27.97	2.47	28.75	2.50	31.39	2.55	33.10	2.60
		100	24.26	2.40	25.99	2.49	27.72	2.58	28.63	2.61	31.19	2.66	32.93	2.71
		105	23.97	2.50	25.73	2.59	27.48	2.68	28.50	2.71	31.00	2.76	32.76	2.82
		110	23.68	2.59	25.46	2.69	27.24	2.79	28.38	2.82	30.81	2.87	32.59	2.93
		115	23.39	2.69	25.20	2.79	27.00	2.89	28.25	2.92	30.62	2.98	32.42	3.04
		118	23.22	2.75	25.04	2.85	26.86	2.95	28.18	2.99	30.50	3.04	32.32	3.11
		122	23.16	2.83	24.99	2.93	26.81	3.04	28.15	3.07	30.47	3.13	32.29	3.19
	7 + 9* + 15	-4	28.27	1.48	30.02	1.53	31.78	1.59	33.04	1.61	35.29	1.64	37.04	1.67
		0	28.25	1.50	30.00	1.55	31.76	1.61	33.03	1.62	35.27	1.66	37.02	1.69
		5	28.23	1.52	29.98	1.58	31.73	1.63	33.00	1.65	35.24	1.68	36.99	1.72
		10	28.21	1.54	29.96	1.60	31.71	1.66	32.97	1.68	35.21	1.71	36.96	1.74
		14	28.18	1.56	29.93	1.62	31.68	1.68	32.95	1.70	35.18	1.73	36.94	1.77
		20	28.16	1.59	29.91	1.64	31.66	1.70	32.92	1.72	35.16	1.76	36.91	1.79
		25	28.14	1.61	29.89	1.67	31.64	1.73	32.90	1.75	35.13	1.78	36.88	1.82
		30	28.12	1.63	29.87	1.69	31.61	1.75	32.87	1.77	35.10	1.81	36.85	1.84
		35	28.10	1.65	29.84	1.71	31.59	1.78	32.85	1.80	35.08	1.83	36.82	1.87
		40	28.08	1.68	29.82	1.74	31.56	1.80	32.82	1.82	35.05	1.86	36.79	1.89
		45	28.05	1.70	29.80	1.76	31.54	1.83	32.80	1.85	35.02	1.88	36.77	1.92
		50	28.03	1.72	29.77	1.78	31.52	1.85	32.77	1.87	35.00	1.91	36.74	1.94
		55	28.01	1.74	29.75	1.81	31.49	1.87	32.75	1.90	34.97	1.93	36.71	1.97
		60	27.99	1.77	29.73	1.83	31.47	1.90	32.72	1.92	34.94	1.96	36.68	2.00
		65	27.97	1.79	29.71	1.85	31.44	1.92	32.70	1.94	34.92	1.98	36.65	2.02
		70	27.95	1.81	29.68	1.88	31.42	1.95	32.67	1.97	34.89	2.01	36.63	2.05
		75	27.27	1.91	29.01	1.98	30.74	2.05	31.99	2.08	34.20	2.11	35.93	2.16
		80	26.60	2.01	28.33	2.08	30.06	2.16	31.30	2.18	33.51	2.22	35.24	2.27
		85	25.94	2.10	27.66	2.18	29.38	2.26	30.63	2.29	32.83	2.33	34.55	2.38
		90	25.27	2.20	26.99	2.28	28.71	2.37	29.95	2.39	32.14	2.44	33.86	2.49
		95	24.55	2.30	26.26	2.38	27.97	2.47	28.75	2.50	31.39	2.55	33.10	2.60
		100	24.26	2.40	25.99	2.49	27.72	2.58	28.63	2.61	31.19	2.66	32.93	2.71
		105	23.97	2.50	25.73	2.59	27.48	2.68	28.50	2.71	31.00	2.76	32.76	2.82
		110	23.68	2.59	25.46	2.69	27.24	2.79	28.38	2.82	30.81	2.87	32.59	2.93
		115	23.39	2.69	25.20	2.79	27.00	2.89	28.25	2.92	30.62	2.98	32.42	3.04
		118	23.22	2.75	25.04	2.85	26.86	2.95	28.18	2.99	30.50	3.04	32.32	3.11
		122	23.16	2.83	24.99	2.93	26.81	3.04	28.15	3.07	30.47	3.13	32.29	3.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

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KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 37: KUMXA241A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7 + 12* + 12*	-4	28.27	1.48	30.02	1.53	31.78	1.59	33.04	1.61	35.29	1.64	37.04	1.67
		0	28.25	1.50	30.00	1.55	31.76	1.61	33.03	1.62	35.27	1.66	37.02	1.69
		5	28.23	1.52	29.98	1.58	31.73	1.63	33.00	1.65	35.24	1.68	36.99	1.72
		10	28.21	1.54	29.96	1.60	31.71	1.66	32.97	1.68	35.21	1.71	36.96	1.74
		14	28.18	1.56	29.93	1.62	31.68	1.68	32.95	1.70	35.18	1.73	36.94	1.77
		20	28.16	1.59	29.91	1.64	31.66	1.70	32.92	1.72	35.16	1.76	36.91	1.79
		25	28.14	1.61	29.89	1.67	31.64	1.73	32.90	1.75	35.13	1.78	36.88	1.82
		30	28.12	1.63	29.87	1.69	31.61	1.75	32.87	1.77	35.10	1.81	36.85	1.84
		35	28.10	1.65	29.84	1.71	31.59	1.78	32.85	1.80	35.08	1.83	36.82	1.87
		40	28.08	1.68	29.82	1.74	31.56	1.80	32.82	1.82	35.05	1.86	36.79	1.89
		45	28.05	1.70	29.80	1.76	31.54	1.83	32.80	1.85	35.02	1.88	36.77	1.92
		50	28.03	1.72	29.77	1.78	31.52	1.85	32.77	1.87	35.00	1.91	36.74	1.94
		55	28.01	1.74	29.75	1.81	31.49	1.87	32.75	1.90	34.97	1.93	36.71	1.97
		60	27.99	1.77	29.73	1.83	31.47	1.90	32.72	1.92	34.94	1.96	36.68	2.00
		65	27.97	1.79	29.71	1.85	31.44	1.92	32.70	1.94	34.92	1.98	36.65	2.02
		70	27.95	1.81	29.68	1.88	31.42	1.95	32.67	1.97	34.89	2.01	36.63	2.05
		75	27.27	1.91	29.01	1.98	30.74	2.05	31.99	2.08	34.20	2.11	35.93	2.16
		80	26.60	2.01	28.33	2.08	30.06	2.16	31.30	2.18	33.51	2.22	35.24	2.27
		85	25.94	2.10	27.66	2.18	29.38	2.26	30.63	2.29	32.83	2.33	34.55	2.38
		90	25.27	2.20	26.99	2.28	28.71	2.37	29.95	2.39	32.14	2.44	33.86	2.49
		95	24.55	2.30	26.26	2.38	27.97	2.47	28.75	2.50	31.39	2.55	33.10	2.60
		100	24.26	2.40	25.99	2.49	27.72	2.58	28.63	2.61	31.19	2.66	32.93	2.71
		105	23.97	2.50	25.73	2.59	27.48	2.68	28.50	2.71	31.00	2.76	32.76	2.82
		110	23.68	2.59	25.46	2.69	27.24	2.79	28.38	2.82	30.81	2.87	32.59	2.93
		115	23.39	2.69	25.20	2.79	27.00	2.89	28.25	2.92	30.62	2.98	32.42	3.04
		118	23.22	2.75	25.04	2.85	26.86	2.95	28.18	2.99	30.50	3.04	32.32	3.11
		122	23.16	2.83	24.99	2.93	26.81	3.04	28.15	3.07	30.47	3.13	32.29	3.19
	7 + 7 + 18*	-4	28.27	1.48	30.02	1.53	31.78	1.59	33.04	1.61	35.29	1.64	37.04	1.67
		0	28.25	1.50	30.00	1.55	31.76	1.61	33.03	1.62	35.27	1.66	37.02	1.69
		5	28.23	1.52	29.98	1.58	31.73	1.63	33.00	1.65	35.24	1.68	36.99	1.72
		10	28.21	1.54	29.96	1.60	31.71	1.66	32.97	1.68	35.21	1.71	36.96	1.74
		14	28.18	1.56	29.93	1.62	31.68	1.68	32.95	1.70	35.18	1.73	36.94	1.77
		20	28.16	1.59	29.91	1.64	31.66	1.70	32.92	1.72	35.16	1.76	36.91	1.79
		25	28.14	1.61	29.89	1.67	31.64	1.73	32.90	1.75	35.13	1.78	36.88	1.82
		30	28.12	1.63	29.87	1.69	31.61	1.75	32.87	1.77	35.10	1.81	36.85	1.84
		35	28.10	1.65	29.84	1.71	31.59	1.78	32.85	1.80	35.08	1.83	36.82	1.87
		40	28.08	1.68	29.82	1.74	31.56	1.80	32.82	1.82	35.05	1.86	36.79	1.89
		45	28.05	1.70	29.80	1.76	31.54	1.83	32.80	1.85	35.02	1.88	36.77	1.92
		50	28.03	1.72	29.77	1.78	31.52	1.85	32.77	1.87	35.00	1.91	36.74	1.94
		55	28.01	1.74	29.75	1.81	31.49	1.87	32.75	1.90	34.97	1.93	36.71	1.97
		60	27.99	1.77	29.73	1.83	31.47	1.90	32.72	1.92	34.94	1.96	36.68	2.00
		65	27.97	1.79	29.71	1.85	31.44	1.92	32.70	1.94	34.92	1.98	36.65	2.02
		70	27.95	1.81	29.68	1.88	31.42	1.95	32.67	1.97	34.89	2.01	36.63	2.05
		75	27.27	1.91	29.01	1.98	30.74	2.05	31.99	2.08	34.20	2.11	35.93	2.16
		80	26.60	2.01	28.33	2.08	30.06	2.16	31.30	2.18	33.51	2.22	35.24	2.27
		85	25.94	2.10	27.66	2.18	29.38	2.26	30.63	2.29	32.83	2.33	34.55	2.38
		90	25.27	2.20	26.99	2.28	28.71	2.37	29.95	2.39	32.14	2.44	33.86	2.49
		95	24.55	2.30	26.26	2.38	27.97	2.47	28.75	2.50	31.39	2.55	33.10	2.60
		100	24.26	2.40	25.99	2.49	27.72	2.58	28.63	2.61	31.19	2.66	32.93	2.71
		105	23.97	2.50	25.73	2.59	27.48	2.68	28.50	2.71	31.00	2.76	32.76	2.82
		110	23.68	2.59	25.46	2.69	27.24	2.79	28.38	2.82	30.81	2.87	32.59	2.93
		115	23.39	2.69	25.20	2.79	27.00	2.89	28.25	2.92	30.62	2.98	32.42	3.04
		118	23.22	2.75	25.04	2.85	26.86	2.95	28.18	2.99	30.50	3.04	32.32	3.11
		122	23.16	2.83	24.99	2.93	26.81	3.04	28.15	3.07	30.47	3.13	32.29	3.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 38: KUMXA241A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9* + 9* + 15	-4	28.27	1.48	30.02	1.53	31.78	1.59	33.04	1.61	35.29	1.64	37.04	1.67
		0	28.25	1.50	30.00	1.55	31.76	1.61	33.03	1.62	35.27	1.66	37.02	1.69
		5	28.23	1.52	29.98	1.58	31.73	1.63	33.00	1.65	35.24	1.68	36.99	1.72
		10	28.21	1.54	29.96	1.60	31.71	1.66	32.97	1.68	35.21	1.71	36.96	1.74
		14	28.18	1.56	29.93	1.62	31.68	1.68	32.95	1.70	35.18	1.73	36.94	1.77
		20	28.16	1.59	29.91	1.64	31.66	1.70	32.92	1.72	35.16	1.76	36.91	1.79
		25	28.14	1.61	29.89	1.67	31.64	1.73	32.90	1.75	35.13	1.78	36.88	1.82
		30	28.12	1.63	29.87	1.69	31.61	1.75	32.87	1.77	35.10	1.81	36.85	1.84
		35	28.10	1.65	29.84	1.71	31.59	1.78	32.85	1.80	35.08	1.83	36.82	1.87
		40	28.08	1.68	29.82	1.74	31.56	1.80	32.82	1.82	35.05	1.86	36.79	1.89
		45	28.05	1.70	29.80	1.76	31.54	1.83	32.80	1.85	35.02	1.88	36.77	1.92
		50	28.03	1.72	29.77	1.78	31.52	1.85	32.77	1.87	35.00	1.91	36.74	1.94
		55	28.01	1.74	29.75	1.81	31.49	1.87	32.75	1.90	34.97	1.93	36.71	1.97
		60	27.99	1.77	29.73	1.83	31.47	1.90	32.72	1.92	34.94	1.96	36.68	2.00
		65	27.97	1.79	29.71	1.85	31.44	1.92	32.70	1.94	34.92	1.98	36.65	2.02
		70	27.95	1.81	29.68	1.88	31.42	1.95	32.67	1.97	34.89	2.01	36.63	2.05
		75	27.27	1.91	29.01	1.98	30.74	2.05	31.99	2.08	34.20	2.11	35.93	2.16
		80	26.60	2.01	28.33	2.08	30.06	2.16	31.30	2.18	33.51	2.22	35.24	2.27
		85	25.94	2.10	27.66	2.18	29.38	2.26	30.63	2.29	32.83	2.33	34.55	2.38
		90	25.27	2.20	26.99	2.28	28.71	2.37	29.95	2.39	32.14	2.44	33.86	2.49
		95	24.55	2.30	26.26	2.38	27.97	2.47	28.75	2.50	31.39	2.55	33.10	2.60
		100	24.26	2.40	25.99	2.49	27.72	2.58	28.63	2.61	31.19	2.66	32.93	2.71
		105	23.97	2.50	25.73	2.59	27.48	2.68	28.50	2.71	31.00	2.76	32.76	2.82
		110	23.68	2.59	25.46	2.69	27.24	2.79	28.38	2.82	30.81	2.87	32.59	2.93
		115	23.39	2.69	25.20	2.79	27.00	2.89	28.25	2.92	30.62	2.98	32.42	3.04
		118	23.22	2.75	25.04	2.85	26.86	2.95	28.18	2.99	30.50	3.04	32.32	3.11
		122	23.16	2.83	24.99	2.93	26.81	3.04	28.15	3.07	30.47	3.13	32.29	3.19
	9* + 12* + 12*	-4	28.27	1.48	30.02	1.53	31.78	1.59	33.04	1.61	35.29	1.64	37.04	1.67
		0	28.25	1.50	30.00	1.55	31.76	1.61	33.03	1.62	35.27	1.66	37.02	1.69
		5	28.23	1.52	29.98	1.58	31.73	1.63	33.00	1.65	35.24	1.68	36.99	1.72
		10	28.21	1.54	29.96	1.60	31.71	1.66	32.97	1.68	35.21	1.71	36.96	1.74
		14	28.18	1.56	29.93	1.62	31.68	1.68	32.95	1.70	35.18	1.73	36.94	1.77
		20	28.16	1.59	29.91	1.64	31.66	1.70	32.92	1.72	35.16	1.76	36.91	1.79
		25	28.14	1.61	29.89	1.67	31.64	1.73	32.90	1.75	35.13	1.78	36.88	1.82
		30	28.12	1.63	29.87	1.69	31.61	1.75	32.87	1.77	35.10	1.81	36.85	1.84
		35	28.10	1.65	29.84	1.71	31.59	1.78	32.85	1.80	35.08	1.83	36.82	1.87
		40	28.08	1.68	29.82	1.74	31.56	1.80	32.82	1.82	35.05	1.86	36.79	1.89
		45	28.05	1.70	29.80	1.76	31.54	1.83	32.80	1.85	35.02	1.88	36.77	1.92
		50	28.03	1.72	29.77	1.78	31.52	1.85	32.77	1.87	35.00	1.91	36.74	1.94
		55	28.01	1.74	29.75	1.81	31.49	1.87	32.75	1.90	34.97	1.93	36.71	1.97
		60	27.99	1.77	29.73	1.83	31.47	1.90	32.72	1.92	34.94	1.96	36.68	2.00
		65	27.97	1.79	29.71	1.85	31.44	1.92	32.70	1.94	34.92	1.98	36.65	2.02
		70	27.95	1.81	29.68	1.88	31.42	1.95	32.67	1.97	34.89	2.01	36.63	2.05
		75	27.27	1.91	29.01	1.98	30.74	2.05	31.99	2.08	34.20	2.11	35.93	2.16
		80	26.60	2.01	28.33	2.08	30.06	2.16	31.30	2.18	33.51	2.22	35.24	2.27
		85	25.94	2.10	27.66	2.18	29.38	2.26	30.63	2.29	32.83	2.33	34.55	2.38
		90	25.27	2.20	26.99	2.28	28.71	2.37	29.95	2.39	32.14	2.44	33.86	2.49
		95	24.55	2.30	26.26	2.38	27.97	2.47	28.75	2.50	31.39	2.55	33.10	2.60
		100	24.26	2.40	25.99	2.49	27.72	2.58	28.63	2.61	31.19	2.66	32.93	2.71
		105	23.97	2.50	25.73	2.59	27.48	2.68	28.50	2.71	31.00	2.76	32.76	2.82
		110	23.68	2.59	25.46	2.69	27.24	2.79	28.38	2.82	30.81	2.87	32.59	2.93
		115	23.39	2.69	25.20	2.79	27.00	2.89	28.25	2.92	30.62	2.98	32.42	3.04
		118	23.22	2.75	25.04	2.85	26.86	2.95	28.18	2.99	30.50	3.04	32.32	3.11
		122	23.16	2.83	24.99	2.93	26.81	3.04	28.15	3.07	30.47	3.13	32.29	3.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 39: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7 + 7	-4	15.28	1.12	16.23	1.16	17.18	1.20	17.86	1.22	19.07	1.24	20.02	1.26
		0	15.27	1.13	16.22	1.17	17.17	1.22	17.85	1.23	19.06	1.25	20.01	1.28
		5	15.26	1.15	16.20	1.19	17.15	1.23	17.84	1.25	19.05	1.27	19.99	1.30
		10	15.25	1.17	16.19	1.21	22.83	1.25	23.06	1.27	19.03	1.29	19.98	1.32
		14	15.23	1.18	16.18	1.23	17.13	1.27	17.81	1.29	19.02	1.31	19.96	1.34
		20	15.22	1.20	16.17	1.24	17.11	1.29	17.80	1.30	19.00	1.33	19.95	1.36
		25	15.21	1.22	16.16	1.26	17.10	1.31	17.78	1.32	18.99	1.35	19.93	1.37
		30	15.20	1.23	16.14	1.28	17.09	1.33	17.77	1.34	18.97	1.37	19.92	1.39
		35	15.19	1.25	16.13	1.30	17.07	1.34	17.75	1.36	18.96	1.39	19.90	1.41
		40	15.18	1.27	16.12	1.31	17.06	1.36	17.74	1.38	18.95	1.40	19.89	1.43
		45	15.16	1.29	16.11	1.33	17.05	1.38	17.73	1.40	18.93	1.42	19.87	1.45
		50	15.15	1.30	16.09	1.35	17.03	1.40	17.71	1.42	18.92	1.44	19.86	1.47
		55	15.14	1.32	16.08	1.37	17.02	1.42	17.70	1.43	18.90	1.46	19.84	1.49
		60	15.13	1.34	16.07	1.39	17.01	1.44	17.69	1.45	18.89	1.48	19.83	1.51
		65	15.12	1.35	16.06	1.40	17.00	1.45	17.67	1.47	18.87	1.50	19.81	1.53
		70	15.11	1.37	16.04	1.42	16.98	1.47	17.66	1.49	18.86	1.52	19.80	1.55
		75	14.74	1.44	15.68	1.50	16.61	1.55	17.29	1.57	18.49	1.60	19.42	1.63
		80	14.38	1.52	15.31	1.57	16.25	1.63	16.92	1.65	18.11	1.68	19.05	1.71
		85	14.02	1.59	14.95	1.65	15.88	1.71	16.55	1.73	17.74	1.76	18.67	1.80
		90	13.66	1.67	14.59	1.73	15.52	1.79	16.19	1.81	17.37	1.84	18.30	1.88
		95	13.27	1.74	14.19	1.80	15.12	1.87	15.54	1.89	16.96	1.93	17.89	1.97
		100	13.11	1.81	14.05	1.88	14.99	1.95	15.47	1.97	16.86	2.01	17.80	2.05
		105	12.95	1.89	13.91	1.96	14.86	2.03	15.40	2.05	16.76	2.09	17.71	2.13
		110	12.80	1.96	13.76	2.03	14.73	2.11	15.34	2.13	16.65	2.17	17.62	2.22
		115	12.64	2.04	13.62	2.11	14.60	2.19	15.27	2.21	16.55	2.25	17.53	2.30
		118	12.55	2.08	13.53	2.16	14.52	2.23	15.23	2.26	16.49	2.30	17.47	2.35
		122	12.52	2.14	13.51	2.22	14.49	2.30	15.22	2.32	16.47	2.37	17.45	2.42
	7 + 9	-4	17.46	1.23	18.54	1.27	19.63	1.32	20.41	1.33	21.80	1.36	22.88	1.39
		0	17.45	1.24	18.53	1.29	19.62	1.33	20.40	1.35	21.79	1.37	22.87	1.40
		5	17.44	1.26	18.52	1.31	19.60	1.36	20.38	1.37	21.77	1.40	22.85	1.43
		10	17.42	1.28	18.51	1.33	19.59	1.38	20.37	1.39	21.75	1.42	22.83	1.45
		14	17.41	1.30	18.49	1.35	19.57	1.40	20.35	1.41	21.74	1.44	22.82	1.47
		20	17.40	1.32	18.48	1.37	19.56	1.42	20.34	1.43	21.72	1.46	22.80	1.49
		25	17.38	1.34	18.46	1.39	19.54	1.44	20.32	1.45	21.70	1.48	22.78	1.51
		30	17.37	1.36	18.45	1.40	19.53	1.46	20.31	1.47	21.69	1.50	22.76	1.53
		35	17.36	1.37	18.43	1.42	19.51	1.48	20.29	1.49	21.67	1.52	22.75	1.55
		40	17.34	1.39	18.42	1.44	19.50	1.50	20.28	1.51	21.65	1.54	22.73	1.57
		45	17.33	1.41	18.41	1.46	19.48	1.52	20.26	1.53	21.64	1.56	22.71	1.59
		50	17.32	1.43	18.39	1.48	19.47	1.54	20.24	1.55	21.62	1.58	22.69	1.61
		55	17.30	1.45	18.38	1.50	19.45	1.56	20.23	1.57	21.60	1.60	22.68	1.64
		60	17.29	1.47	18.36	1.52	19.44	1.58	20.21	1.59	21.59	1.62	22.66	1.66
		65	17.28	1.49	18.35	1.54	19.42	1.60	20.20	1.61	21.57	1.64	22.64	1.68
		70	17.26	1.50	18.34	1.56	19.41	1.62	20.18	1.63	21.55	1.67	22.62	1.70
		75	16.85	1.59	17.92	1.64	18.99	1.70	19.76	1.72	21.13	1.76	22.20	1.79
		80	16.43	1.67	17.50	1.73	18.57	1.79	19.34	1.81	20.70	1.85	21.77	1.88
		85	16.02	1.75	17.09	1.81	18.15	1.88	18.92	1.90	20.28	1.94	21.34	1.97
		90	15.61	1.83	16.67	1.90	17.73	1.97	18.50	1.99	19.86	2.03	20.92	2.07
		95	15.16	1.91	16.22	1.98	17.28	2.05	17.76	2.08	19.39	2.11	20.44	2.16
		100	14.98	1.99	16.06	2.06	17.13	2.14	17.68	2.16	19.27	2.20	20.34	2.25
		105	14.81	2.07	15.89	2.15	16.98	2.23	17.61	2.25	19.15	2.29	20.24	2.34
		110	14.63	2.15	15.73	2.23	16.83	2.31	17.53	2.34	19.03	2.38	20.13	2.43
		115	14.45	2.23	15.57	2.32	16.68	2.40	17.45	2.43	18.91	2.47	20.03	2.52
		118	14.34	2.28	15.47	2.37	16.59	2.45	17.40	2.48	18.84	2.53	19.97	2.58
		122	14.31	2.35	15.43	2.43	16.56	2.52	17.39	2.55	18.82	2.60	19.95	2.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 40: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	-4	19.64	1.34	20.86	1.39	22.08	1.44	22.96	1.45	24.52	1.48	25.74	1.51
		0	19.63	1.35	20.85	1.40	22.07	1.45	22.95	1.47	24.51	1.50	25.73	1.53
		5	19.62	1.37	20.83	1.42	22.05	1.48	22.93	1.49	24.49	1.52	25.71	1.55
		10	19.60	1.39	20.82	1.45	22.04	1.50	22.92	1.52	24.47	1.54	25.69	1.57
		14	19.59	1.41	20.80	1.47	22.02	1.52	22.90	1.54	24.45	1.57	25.67	1.60
		20	19.57	1.44	20.79	1.49	22.00	1.54	22.88	1.56	24.43	1.59	25.65	1.62
		25	19.56	1.46	20.77	1.51	21.99	1.56	22.86	1.58	24.41	1.61	25.63	1.64
		30	19.54	1.48	20.76	1.53	21.97	1.59	22.85	1.60	24.40	1.63	25.61	1.67
		35	19.53	1.50	20.74	1.55	21.95	1.61	22.83	1.63	24.38	1.66	25.59	1.69
		40	19.51	1.52	20.72	1.57	21.94	1.63	22.81	1.65	24.36	1.68	25.57	1.71
		45	19.50	1.54	20.71	1.59	21.92	1.65	22.79	1.67	24.34	1.70	25.55	1.74
		50	19.48	1.56	20.69	1.61	21.90	1.67	22.78	1.69	24.32	1.72	25.53	1.76
		55	19.47	1.58	20.68	1.64	21.88	1.69	22.76	1.71	24.30	1.75	25.51	1.78
		60	19.45	1.60	20.66	1.66	21.87	1.72	22.74	1.74	24.28	1.77	25.49	1.80
		65	19.44	1.62	20.64	1.68	21.85	1.74	22.72	1.76	24.27	1.79	25.47	1.83
		70	19.42	1.64	20.63	1.70	21.83	1.76	22.71	1.78	24.25	1.81	25.45	1.85
		75	18.95	1.73	20.16	1.79	21.36	1.86	22.23	1.88	23.77	1.91	24.97	1.95
		80	18.49	1.82	19.69	1.88	20.89	1.95	21.75	1.97	23.29	2.01	24.49	2.05
		85	18.02	1.90	19.22	1.97	20.42	2.05	21.28	2.07	22.81	2.11	24.01	2.15
		90	17.56	1.99	18.76	2.06	19.95	2.14	20.81	2.16	22.34	2.21	23.53	2.25
		95	17.06	2.08	18.25	2.16	19.43	2.24	19.98	2.26	21.81	2.30	23.00	2.35
		100	16.86	2.17	18.06	2.25	19.27	2.33	19.89	2.36	21.68	2.40	22.88	2.45
		105	16.66	2.26	17.88	2.34	19.10	2.43	19.81	2.45	21.55	2.50	22.77	2.55
		110	16.46	2.35	17.69	2.43	18.93	2.52	19.72	2.55	21.41	2.60	22.65	2.65
		115	16.25	2.43	17.51	2.52	18.77	2.62	19.63	2.65	21.28	2.69	22.53	2.75
		118	16.13	2.49	17.40	2.58	18.67	2.67	19.58	2.70	21.20	2.75	22.46	2.81
		122	16.09	2.56	17.36	2.65	18.63	2.75	19.56	2.78	21.17	2.83	22.44	2.89
	7 + 12	-4	20.73	1.39	22.02	1.44	23.31	1.50	24.24	1.51	25.89	1.54	27.17	1.57
		0	20.72	1.41	22.01	1.46	23.30	1.51	24.23	1.53	25.87	1.56	27.16	1.59
		5	20.71	1.43	21.99	1.48	23.28	1.54	24.21	1.55	25.85	1.58	27.14	1.62
		10	20.69	1.45	21.98	1.50	23.26	1.56	24.19	1.58	25.83	1.61	27.12	1.64
		14	20.67	1.47	21.96	1.53	23.24	1.58	24.17	1.60	25.81	1.63	27.09	1.66
		20	20.66	1.49	21.94	1.55	23.22	1.60	24.15	1.62	25.79	1.65	27.07	1.69
		25	20.64	1.51	21.92	1.57	23.21	1.63	24.13	1.65	25.77	1.68	27.05	1.71
		30	20.63	1.54	21.91	1.59	23.19	1.65	24.11	1.67	25.75	1.70	27.03	1.73
		35	20.61	1.56	21.89	1.61	23.17	1.67	24.10	1.69	25.73	1.72	27.01	1.76
		40	20.60	1.58	21.87	1.64	23.15	1.70	24.08	1.72	25.71	1.75	26.99	1.78
		45	20.58	1.60	21.86	1.66	23.14	1.72	24.06	1.74	25.69	1.77	26.97	1.81
		50	20.56	1.62	21.84	1.68	23.12	1.74	24.04	1.76	25.67	1.79	26.95	1.83
		55	20.55	1.64	21.82	1.70	23.10	1.76	24.02	1.78	25.65	1.82	26.93	1.85
		60	20.53	1.66	21.81	1.72	23.08	1.79	24.00	1.81	25.63	1.84	26.91	1.88
		65	20.52	1.68	21.79	1.75	23.07	1.81	23.99	1.83	25.61	1.86	26.89	1.90
		70	20.50	1.71	21.77	1.77	23.05	1.83	23.97	1.85	25.59	1.89	26.87	1.93
		75	20.01	1.80	21.28	1.86	22.55	1.93	23.47	1.95	25.09	1.99	26.36	2.03
		80	19.51	1.89	20.78	1.96	22.05	2.03	22.96	2.05	24.58	2.09	25.85	2.13
		85	19.03	1.98	20.29	2.05	21.55	2.13	22.47	2.15	24.08	2.19	25.34	2.24
		90	18.54	2.07	19.80	2.15	21.06	2.23	21.97	2.25	23.58	2.30	24.84	2.34
		95	18.01	2.17	19.26	2.24	20.51	2.33	21.09	2.35	23.02	2.40	24.28	2.45
		100	17.79	2.26	19.07	2.34	20.34	2.43	21.00	2.45	22.88	2.50	24.15	2.55
		105	17.58	2.35	18.87	2.43	20.16	2.52	20.91	2.55	22.74	2.60	24.03	2.65
		110	17.37	2.44	18.68	2.53	19.98	2.62	20.81	2.65	22.60	2.70	23.91	2.76
		115	17.16	2.53	18.48	2.63	19.81	2.72	20.72	2.75	22.46	2.80	23.79	2.86
		118	17.03	2.59	18.37	2.68	19.70	2.78	20.67	2.81	22.38	2.87	23.71	2.92
		122	16.99	2.66	18.33	2.76	19.67	2.86	20.65	2.89	22.35	2.95	23.69	3.01

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 41: KUMXA301A Maximum Cooling Capacity Table —Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 12	-4	22.92	1.50	24.34	1.56	25.76	1.61	26.79	1.63	28.61	1.66	30.03	1.70
		0	22.90	1.52	24.33	1.57	25.75	1.63	26.78	1.65	28.59	1.68	30.02	1.72
		5	22.89	1.54	24.31	1.60	25.73	1.66	26.75	1.68	28.57	1.71	29.99	1.74
		10	22.87	1.57	24.29	1.62	25.71	1.68	26.73	1.70	28.55	1.73	29.97	1.77
		14	22.85	1.59	24.27	1.65	25.69	1.71	26.71	1.73	28.53	1.76	29.95	1.79
		20	22.83	1.61	24.25	1.67	25.67	1.73	26.69	1.75	28.51	1.78	29.92	1.82
		25	22.82	1.63	24.23	1.69	25.65	1.76	26.67	1.78	28.48	1.81	29.90	1.85
		30	22.80	1.66	24.21	1.72	25.63	1.78	26.65	1.80	28.46	1.83	29.88	1.87
		35	22.78	1.68	24.20	1.74	25.61	1.81	26.63	1.83	28.44	1.86	29.86	1.90
		40	22.76	1.70	24.18	1.77	25.59	1.83	26.61	1.85	28.42	1.89	29.83	1.92
		45	22.75	1.73	24.16	1.79	25.57	1.85	26.59	1.88	28.40	1.91	29.81	1.95
		50	22.73	1.75	24.14	1.81	25.55	1.88	26.57	1.90	28.37	1.94	29.79	1.97
		55	22.71	1.77	24.12	1.84	25.53	1.90	26.55	1.93	28.35	1.96	29.76	2.00
		60	22.69	1.79	24.10	1.86	25.51	1.93	26.53	1.95	28.33	1.99	29.74	2.03
		65	22.68	1.82	24.08	1.88	25.49	1.95	26.51	1.97	28.31	2.01	29.72	2.05
		70	22.66	1.84	24.07	1.91	25.47	1.98	26.49	2.00	28.29	2.04	29.70	2.08
		75	22.11	1.94	23.52	2.01	24.92	2.08	25.94	2.11	27.73	2.15	29.13	2.19
		80	21.57	2.04	22.97	2.11	24.37	2.19	25.38	2.22	27.17	2.26	28.57	2.30
		85	21.03	2.14	22.42	2.22	23.82	2.30	24.83	2.32	26.62	2.37	28.01	2.41
		90	20.49	2.24	21.88	2.32	23.27	2.40	24.28	2.43	26.06	2.48	27.45	2.53
		95	19.90	2.34	21.29	2.42	22.67	2.51	23.31	2.54	25.45	2.59	26.83	2.64
		100	19.67	2.44	21.07	2.52	22.48	2.62	23.21	2.65	25.29	2.70	26.70	2.75
		105	19.43	2.53	20.86	2.63	22.28	2.72	23.11	2.75	25.14	2.81	26.56	2.86
		110	19.20	2.63	20.64	2.73	22.09	2.83	23.01	2.86	24.98	2.92	26.43	2.97
		115	18.96	2.73	20.43	2.83	21.89	2.94	22.90	2.97	24.83	3.03	26.29	3.09
		118	18.82	2.79	20.30	2.89	21.78	3.00	22.84	3.04	24.73	3.09	26.21	3.15
		122	18.78	2.87	20.26	2.98	21.74	3.09	22.82	3.12	24.70	3.18	26.18	3.24
	7 + 15	-4	24.01	1.56	25.50	1.61	26.99	1.67	28.07	1.69	29.97	1.72	31.46	1.76
		0	24.00	1.57	25.49	1.63	26.98	1.69	28.05	1.71	29.96	1.74	31.45	1.78
		5	23.98	1.60	25.46	1.66	26.95	1.72	28.03	1.74	29.93	1.77	31.42	1.81
		10	23.96	1.62	25.44	1.68	26.93	1.74	28.01	1.76	29.91	1.80	31.40	1.83
		14	23.94	1.65	25.43	1.71	26.91	1.77	27.99	1.79	29.89	1.82	31.37	1.86
		20	23.92	1.67	25.41	1.73	26.89	1.79	27.96	1.81	29.86	1.85	31.35	1.89
		25	23.90	1.69	25.39	1.76	26.87	1.82	27.94	1.84	29.84	1.88	31.32	1.91
		30	23.88	1.72	25.37	1.78	26.85	1.85	27.92	1.87	29.82	1.90	31.30	1.94
		35	23.87	1.74	25.35	1.80	26.83	1.87	27.90	1.89	29.79	1.93	31.28	1.97
		40	23.85	1.76	25.33	1.83	26.81	1.90	27.88	1.92	29.77	1.95	31.25	1.99
		45	23.83	1.79	25.31	1.85	26.79	1.92	27.86	1.94	29.75	1.98	31.23	2.02
		50	23.81	1.81	25.29	1.88	26.77	1.95	27.84	1.97	29.73	2.01	31.20	2.05
		55	23.79	1.84	25.27	1.90	26.75	1.97	27.82	1.99	29.70	2.03	31.18	2.07
		60	23.77	1.86	25.25	1.93	26.73	2.00	27.79	2.02	29.68	2.06	31.16	2.10
		65	23.76	1.88	25.23	1.95	26.71	2.02	27.77	2.05	29.66	2.08	31.13	2.13
		70	23.74	1.91	25.21	1.98	26.69	2.05	27.75	2.07	29.63	2.11	31.11	2.15
		75	23.17	2.01	24.64	2.08	26.11	2.16	27.17	2.18	29.05	2.22	30.52	2.27
		80	22.60	2.11	24.06	2.19	25.53	2.27	26.59	2.30	28.46	2.34	29.93	2.39
		85	22.03	2.22	23.49	2.30	24.96	2.38	26.01	2.41	27.88	2.45	29.35	2.50
		90	21.46	2.32	22.92	2.40	24.38	2.49	25.44	2.52	27.30	2.57	28.76	2.62
		95	20.85	2.42	22.30	2.51	23.75	2.60	24.42	2.63	26.66	2.68	28.11	2.73
		100	20.60	2.52	22.08	2.62	23.55	2.71	24.31	2.74	26.50	2.79	27.97	2.85
		105	20.36	2.63	21.85	2.72	23.34	2.82	24.21	2.85	26.33	2.91	27.83	2.97
		110	20.11	2.73	21.63	2.83	23.14	2.93	24.10	2.97	26.17	3.02	27.68	3.08
		115	19.87	2.83	21.40	2.94	22.94	3.04	24.00	3.08	26.01	3.14	27.54	3.20
		118	19.72	2.89	21.27	3.00	22.81	3.11	23.93	3.15	25.91	3.20	27.46	3.27
		122	19.67	2.98	21.22	3.09	22.77	3.20	23.91	3.23	25.88	3.30	27.43	3.36

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 42: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 15	-4	26.19	1.70	27.82	1.76	29.44	1.82	30.62	1.84	32.70	1.88	34.32	1.92
		0	26.18	1.71	27.80	1.78	29.43	1.84	30.60	1.86	32.68	1.90	34.30	1.94
		5	26.15	1.74	27.78	1.81	29.40	1.87	30.58	1.89	32.65	1.93	34.28	1.97
		10	26.14	1.77	27.76	1.83	29.38	1.90	30.55	1.92	32.63	1.96	34.25	2.00
		14	26.12	1.79	27.74	1.86	29.36	1.93	30.53	1.95	32.60	1.99	34.22	2.03
		20	26.10	1.82	27.72	1.89	29.34	1.96	30.51	1.98	32.58	2.01	34.20	2.06
		25	26.08	1.85	27.69	1.91	29.31	1.98	30.48	2.01	32.55	2.04	34.17	2.08
		30	26.06	1.87	27.67	1.94	29.29	2.01	30.46	2.03	32.53	2.07	34.15	2.11
		35	26.04	1.90	27.65	1.97	29.27	2.04	30.44	2.06	32.50	2.10	34.12	2.14
		40	26.02	1.92	27.63	1.99	29.25	2.07	30.41	2.09	32.48	2.13	34.09	2.17
		45	26.00	1.95	27.61	2.02	29.22	2.09	30.39	2.12	32.45	2.16	34.07	2.20
		50	25.98	1.97	27.59	2.05	29.20	2.12	30.37	2.15	32.43	2.19	34.04	2.23
		55	25.96	2.00	27.57	2.07	29.18	2.15	30.34	2.17	32.40	2.21	34.02	2.26
		60	25.94	2.03	27.55	2.10	29.16	2.18	30.32	2.20	32.38	2.24	33.99	2.29
		65	25.92	2.05	27.53	2.13	29.13	2.20	30.30	2.23	32.35	2.27	33.96	2.32
		70	25.90	2.08	27.50	2.15	29.11	2.23	30.27	2.26	32.33	2.30	33.94	2.35
		75	25.27	2.19	26.88	2.27	28.48	2.35	29.64	2.38	31.69	2.42	33.29	2.47
		80	24.65	2.30	26.25	2.39	27.85	2.47	29.01	2.50	31.05	2.55	32.65	2.60
		85	24.03	2.41	25.63	2.50	27.22	2.59	28.38	2.62	30.42	2.67	32.01	2.73
		90	23.41	2.53	25.01	2.62	26.60	2.71	27.75	2.75	29.78	2.80	31.38	2.85
		95	22.74	2.64	24.33	2.73	25.91	2.83	26.64	2.87	29.08	2.92	30.67	2.98
		100	22.48	2.75	24.08	2.85	25.69	2.95	26.52	2.99	28.90	3.04	30.51	3.11
		105	22.21	2.86	23.84	2.97	25.47	3.08	26.41	3.11	28.73	3.17	30.36	3.23
		110	21.94	2.97	23.59	3.08	25.24	3.20	26.29	3.23	28.55	3.29	30.20	3.36
		115	21.67	3.09	23.35	3.20	25.02	3.32	26.18	3.35	27.96	3.37	29.01	3.37
		118	21.51	3.15	23.20	3.27	24.74	3.37	25.65	3.37	27.30	3.37	28.35	3.37
		122	21.46	3.24	23.15	3.36	24.05	3.37	24.97	3.37	26.50	3.37	27.55	3.37
	12 + 12	-4	26.19	1.70	27.82	1.76	29.44	1.82	30.62	1.84	32.70	1.88	34.32	1.92
		0	26.18	1.71	27.80	1.78	29.43	1.84	30.60	1.86	32.68	1.90	34.30	1.94
		5	26.15	1.74	27.78	1.81	29.40	1.87	30.58	1.89	32.65	1.93	34.28	1.97
		10	26.14	1.77	27.76	1.83	29.38	1.90	30.55	1.92	32.63	1.96	34.25	2.00
		14	26.12	1.79	27.74	1.86	29.36	1.93	30.53	1.95	32.60	1.99	34.22	2.03
		20	26.10	1.82	27.72	1.89	29.34	1.96	30.51	1.98	32.58	2.01	34.20	2.06
		25	26.08	1.85	27.69	1.91	29.31	1.98	30.48	2.01	32.55	2.04	34.17	2.08
		30	26.06	1.87	27.67	1.94	29.29	2.01	30.46	2.03	32.53	2.07	34.15	2.11
		35	26.04	1.90	27.65	1.97	29.27	2.04	30.44	2.06	32.50	2.10	34.12	2.14
		40	26.02	1.92	27.63	1.99	29.25	2.07	30.41	2.09	32.48	2.13	34.09	2.17
		45	26.00	1.95	27.61	2.02	29.22	2.09	30.39	2.12	32.45	2.16	34.07	2.20
		50	25.98	1.97	27.59	2.05	29.20	2.12	30.37	2.15	32.43	2.19	34.04	2.23
		55	25.96	2.00	27.57	2.07	29.18	2.15	30.34	2.17	32.40	2.21	34.02	2.26
		60	25.94	2.03	27.55	2.10	29.16	2.18	30.32	2.20	32.38	2.24	33.99	2.29
		65	25.92	2.05	27.53	2.13	29.13	2.20	30.30	2.23	32.35	2.27	33.96	2.32
		70	25.90	2.08	27.50	2.15	29.11	2.23	30.27	2.26	32.33	2.30	33.94	2.35
		75	25.27	2.19	26.88	2.27	28.48	2.35	29.64	2.38	31.69	2.42	33.29	2.47
		80	24.65	2.30	26.25	2.39	27.85	2.47	29.01	2.50	31.05	2.55	32.65	2.60
		85	24.03	2.41	25.63	2.50	27.22	2.59	28.38	2.62	30.42	2.67	32.01	2.73
		90	23.41	2.53	25.01	2.62	26.60	2.71	27.75	2.75	29.78	2.80	31.38	2.85
		95	22.74	2.64	24.33	2.73	25.91	2.83	26.64	2.87	29.08	2.92	30.67	2.98
		100	22.48	2.75	24.08	2.85	25.69	2.95	26.52	2.99	28.90	3.04	30.51	3.11
		105	22.21	2.86	23.84	2.97	25.47	3.08	26.41	3.11	28.73	3.17	30.36	3.23
		110	21.94	2.97	23.59	3.08	25.24	3.20	26.29	3.23	28.55	3.29	30.20	3.36
		115	21.67	3.09	23.35	3.20	25.02	3.32	26.18	3.35	27.96	3.37	29.01	3.37
		118	21.51	3.15	23.20	3.27	24.74	3.37	25.65	3.37	27.30	3.37	28.35	3.37
		122	21.46	3.24	23.15	3.36	24.05	3.37	24.97	3.37	26.50	3.37	27.55	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 43: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7 + 18	-4	27.78	1.73	29.50	1.80	31.23	1.86	32.47	1.88	34.68	1.92	36.40	1.96
		0	27.76	1.75	29.48	1.82	31.21	1.88	32.45	1.90	34.66	1.94	36.38	1.98
		5	27.74	1.78	29.46	1.85	31.18	1.91	32.43	1.93	34.63	1.97	36.35	2.01
		10	27.72	1.81	29.44	1.87	31.16	1.94	32.40	1.96	34.60	2.00	36.32	2.04
		14	27.70	1.83	29.42	1.90	31.14	1.97	32.38	1.99	34.58	2.03	36.30	2.07
		20	27.67	1.86	29.39	1.93	31.11	2.00	32.35	2.02	34.55	2.06	36.27	2.10
		25	27.65	1.89	29.37	1.95	31.09	2.03	32.33	2.05	34.52	2.09	36.24	2.13
		30	27.63	1.91	29.35	1.98	31.06	2.05	32.30	2.08	34.50	2.12	36.21	2.16
		35	27.61	1.94	29.33	2.01	31.04	2.08	32.28	2.11	34.47	2.15	36.18	2.19
		40	27.59	1.96	29.30	2.04	31.02	2.11	32.25	2.14	34.44	2.18	36.16	2.22
		45	27.57	1.99	29.28	2.06	30.99	2.14	32.23	2.16	34.42	2.20	36.13	2.25
		50	27.55	2.02	29.26	2.09	30.97	2.17	32.20	2.19	34.39	2.23	36.10	2.28
		55	27.53	2.04	29.24	2.12	30.95	2.20	32.18	2.22	34.36	2.26	36.07	2.31
		60	27.51	2.07	29.21	2.15	30.92	2.22	32.16	2.25	34.34	2.29	36.05	2.34
		65	27.48	2.10	29.19	2.17	30.90	2.25	32.13	2.28	34.31	2.32	36.02	2.37
		70	27.46	2.12	29.17	2.20	30.87	2.28	32.11	2.31	34.29	2.35	35.99	2.40
		75	26.80	2.24	28.50	2.32	30.20	2.40	31.43	2.43	33.61	2.48	35.31	2.53
		80	26.14	2.35	27.84	2.44	29.54	2.53	30.76	2.56	32.93	2.60	34.63	2.66
		85	25.49	2.47	27.18	2.56	28.87	2.65	30.09	2.68	32.26	2.73	33.95	2.79
		90	24.83	2.58	26.52	2.67	28.21	2.77	29.43	2.80	31.59	2.86	33.28	2.91
		95	24.12	2.70	25.80	2.79	27.48	2.90	28.25	2.93	30.84	2.98	32.52	3.04
		100	23.84	2.81	25.54	2.91	27.24	3.02	28.13	3.05	30.65	3.11	32.36	3.17
		105	23.55	2.92	25.28	3.03	27.01	3.14	28.01	3.18	30.47	3.24	32.19	3.30
		110	23.27	3.04	25.02	3.15	26.77	3.26	27.88	3.30	30.28	3.36	31.47	3.37
		115	22.98	3.15	24.76	3.27	26.37	3.37	27.27	3.37	29.06	3.37	30.16	3.37
		118	22.81	3.22	24.60	3.34	25.70	3.37	26.66	3.37	28.30	3.37	29.40	3.37
		122	22.76	3.31	24.12	3.37	24.94	3.37	25.89	3.37	27.49	3.37	28.59	3.37
	9 + 18	-4	29.32	1.81	31.14	1.88	32.96	1.94	34.28	1.97	36.60	2.00	38.42	2.04
		0	29.30	1.83	31.12	1.90	32.94	1.97	34.26	1.99	36.58	2.03	38.40	2.07
		5	29.28	1.86	31.10	1.93	32.92	2.00	34.23	2.02	36.55	2.06	38.37	2.10
		10	29.26	1.89	31.07	1.96	32.89	2.03	34.20	2.05	36.53	2.09	38.34	2.13
		14	29.24	1.91	31.05	1.98	32.87	2.06	34.18	2.08	36.50	2.12	38.31	2.16
		20	29.21	1.94	31.03	2.01	32.84	2.09	34.15	2.11	36.47	2.15	38.28	2.19
		25	29.19	1.97	31.00	2.04	32.82	2.12	34.13	2.14	36.44	2.18	38.26	2.22
		30	29.17	2.00	30.98	2.07	32.79	2.15	34.10	2.17	36.41	2.21	38.23	2.26
		35	29.15	2.02	30.96	2.10	32.77	2.17	34.07	2.20	36.39	2.24	38.20	2.29
		40	29.12	2.05	30.93	2.13	32.74	2.20	34.05	2.23	36.36	2.27	38.17	2.32
		45	29.10	2.08	30.91	2.16	32.72	2.23	34.02	2.26	36.33	2.30	38.14	2.35
		50	29.08	2.11	30.89	2.18	32.69	2.26	34.00	2.29	36.30	2.33	38.11	2.38
		55	29.06	2.13	30.86	2.21	32.67	2.29	33.97	2.32	36.28	2.36	38.08	2.41
		60	29.03	2.16	30.84	2.24	32.64	2.32	33.94	2.35	36.25	2.39	38.05	2.44
		65	29.01	2.19	30.81	2.27	32.62	2.35	33.92	2.38	36.22	2.42	38.02	2.47
		70	28.99	2.22	30.79	2.30	32.59	2.38	33.89	2.41	36.19	2.45	37.99	2.50
		75	28.29	2.34	30.09	2.42	31.88	2.51	33.18	2.54	35.48	2.59	37.27	2.64
		80	27.59	2.46	29.39	2.55	31.18	2.64	32.47	2.67	34.76	2.72	36.55	2.77
		85	26.90	2.58	28.69	2.67	30.48	2.77	31.77	2.80	34.05	2.85	35.84	2.91
		90	26.21	2.70	27.99	2.79	29.78	2.90	31.06	2.93	33.34	2.98	35.13	3.04
		95	25.46	2.81	27.24	2.92	29.01	3.02	29.82	3.06	32.56	3.12	34.33	3.18
		100	25.16	2.93	26.96	3.04	28.76	3.15	29.69	3.19	32.36	3.25	34.16	3.31
		105	24.86	3.05	26.69	3.17	28.51	3.28	29.56	3.32	32.06	3.37	33.19	3.37
		110	24.56	3.17	26.41	3.29	27.93	3.37	28.75	3.37	30.69	3.37	31.83	3.37
		115	24.26	3.29	25.83	3.37	26.66	3.37	27.58	3.37	29.32	3.37	30.47	3.37
		118	24.08	3.37	25.08	3.37	25.94	3.37	26.91	3.37	28.59	3.37	29.74	3.37
		122	23.40	3.37	24.33	3.37	25.19	3.37	26.17	3.37	27.80	3.37	28.87	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 44: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 15	-4	29.32	1.81	31.14	1.88	32.96	1.94	34.28	1.97	36.60	2.00	38.42	2.04
		0	29.30	1.83	31.12	1.90	32.94	1.97	34.26	1.99	36.58	2.03	38.40	2.07
		5	29.28	1.86	31.10	1.93	32.92	2.00	34.23	2.02	36.55	2.06	38.37	2.10
		10	29.26	1.89	31.07	1.96	32.89	2.03	34.20	2.05	36.53	2.09	38.34	2.13
		14	29.24	1.91	31.05	1.98	32.87	2.06	34.18	2.08	36.50	2.12	38.31	2.16
		20	29.21	1.94	31.03	2.01	32.84	2.09	34.15	2.11	36.47	2.15	38.28	2.19
		25	29.19	1.97	31.00	2.04	32.82	2.12	34.13	2.14	36.44	2.18	38.26	2.22
		30	29.17	2.00	30.98	2.07	32.79	2.15	34.10	2.17	36.41	2.21	38.23	2.26
		35	29.15	2.02	30.96	2.10	32.77	2.17	34.07	2.20	36.39	2.24	38.20	2.29
		40	29.12	2.05	30.93	2.13	32.74	2.20	34.05	2.23	36.36	2.27	38.17	2.32
		45	29.10	2.08	30.91	2.16	32.72	2.23	34.02	2.26	36.33	2.30	38.14	2.35
		50	29.08	2.11	30.89	2.18	32.69	2.26	34.00	2.29	36.30	2.33	38.11	2.38
		55	29.06	2.13	30.86	2.21	32.67	2.29	33.97	2.32	36.28	2.36	38.08	2.41
		60	29.03	2.16	30.84	2.24	32.64	2.32	33.94	2.35	36.25	2.39	38.05	2.44
		65	29.01	2.19	30.81	2.27	32.62	2.35	33.92	2.38	36.22	2.42	38.02	2.47
		70	28.99	2.22	30.79	2.30	32.59	2.38	33.89	2.41	36.19	2.45	37.99	2.50
		75	28.29	2.34	30.09	2.42	31.88	2.51	33.18	2.54	35.48	2.59	37.27	2.64
		80	27.59	2.46	29.39	2.55	31.18	2.64	32.47	2.67	34.76	2.72	36.55	2.77
		85	26.90	2.58	28.69	2.67	30.48	2.77	31.77	2.80	34.05	2.85	35.84	2.91
		90	26.21	2.70	27.99	2.79	29.78	2.90	31.06	2.93	33.34	2.98	35.13	3.04
		95	25.46	2.81	27.24	2.92	29.01	3.02	29.82	3.06	32.56	3.12	34.33	3.18
		100	25.16	2.93	26.96	3.04	28.76	3.15	29.69	3.19	32.36	3.25	34.16	3.31
		105	24.86	3.05	26.69	3.17	28.51	3.28	29.56	3.32	32.06	3.37	33.19	3.37
		110	24.56	3.17	26.41	3.29	27.93	3.37	28.75	3.37	30.69	3.37	31.83	3.37
		115	24.26	3.29	25.83	3.37	26.66	3.37	27.58	3.37	29.32	3.37	30.47	3.37
		118	24.08	3.37	25.08	3.37	25.94	3.37	26.91	3.37	28.59	3.37	29.74	3.37
		122	23.40	3.37	24.33	3.37	25.19	3.37	26.17	3.37	27.80	3.37	28.87	3.37
	12 + 18	-4	33.51	1.99	35.59	2.07	37.67	2.14	39.17	2.17	41.83	2.21	43.91	2.25
		0	33.49	2.02	35.57	2.09	37.65	2.17	39.15	2.19	41.81	2.23	43.89	2.28
		5	33.46	2.05	35.54	2.12	37.62	2.20	39.12	2.23	41.77	2.27	43.85	2.31
		10	33.43	2.08	35.51	2.16	37.59	2.23	39.09	2.26	41.74	2.30	43.82	2.35
		14	33.41	2.11	35.48	2.19	37.56	2.27	39.06	2.29	41.71	2.34	43.78	2.38
		20	33.38	2.14	35.46	2.22	37.53	2.30	39.03	2.33	41.68	2.37	43.75	2.42
		25	33.36	2.17	35.43	2.25	37.50	2.33	39.00	2.36	41.64	2.40	43.72	2.45
		30	33.33	2.20	35.40	2.28	37.47	2.36	38.97	2.39	41.61	2.44	43.68	2.49
		35	33.31	2.23	35.38	2.31	37.44	2.40	38.94	2.43	41.58	2.47	43.65	2.52
		40	33.28	2.26	35.35	2.34	37.41	2.43	38.91	2.46	41.55	2.50	43.62	2.55
		45	33.26	2.29	35.32	2.38	37.39	2.46	38.88	2.49	41.52	2.54	43.58	2.59
		50	33.23	2.32	35.29	2.41	37.36	2.50	38.85	2.52	41.49	2.57	43.55	2.62
		55	33.20	2.35	35.27	2.44	37.33	2.53	38.82	2.56	41.45	2.60	43.52	2.66
		60	33.18	2.38	35.24	2.47	37.30	2.56	38.79	2.59	41.42	2.64	43.48	2.69
		65	33.15	2.41	35.21	2.50	37.27	2.59	38.76	2.62	41.39	2.67	43.45	2.73
		70	33.13	2.44	35.19	2.53	37.24	2.63	38.73	2.66	41.36	2.71	43.42	2.76
		75	32.33	2.58	34.38	2.67	36.44	2.77	37.92	2.80	40.54	2.85	42.59	2.91
		80	31.53	2.71	33.58	2.81	35.63	2.91	37.11	2.94	39.72	3.00	41.77	3.06
		85	30.74	2.84	32.79	2.94	34.83	3.05	36.30	3.09	38.91	3.14	40.95	3.21
		90	29.95	2.97	31.99	3.08	34.03	3.19	35.50	3.23	38.10	3.29	40.14	3.36
		95	29.10	3.10	31.12	3.22	33.15	3.33	34.08	3.37	36.44	3.37	37.77	3.37
		100	28.75	3.23	30.81	3.35	31.82	3.37	32.48	3.37	34.81	3.37	36.04	3.37
		105	28.41	3.37	29.45	3.37	30.33	3.37	31.10	3.37	33.20	3.37	34.44	3.37
		110	27.03	3.37	28.02	3.37	28.94	3.37	29.83	3.37	31.80	3.37	32.96	3.37
		115	25.74	3.37	26.77	3.37	27.66	3.37	28.57	3.37	30.43	3.37	31.60	3.37
		118	25.00	3.37	26.05	3.37	26.89	3.37	27.93	3.37	29.65	3.37	30.82	3.37
		122	24.28	3.37	25.27	3.37	26.12	3.37	27.10	3.37	28.84	3.37	29.93	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 45: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15 + 15	-4	33.51	1.99	35.59	2.07	37.67	2.14	39.17	2.17	41.83	2.21	43.91	2.25
		0	33.49	2.02	35.57	2.09	37.65	2.17	39.15	2.19	41.81	2.23	43.89	2.28
		5	33.46	2.05	35.54	2.12	37.62	2.20	39.12	2.23	41.77	2.27	43.85	2.31
		10	33.43	2.08	35.51	2.16	37.59	2.23	39.09	2.26	41.74	2.30	43.82	2.35
		14	33.41	2.11	35.48	2.19	37.56	2.27	39.06	2.29	41.71	2.34	43.78	2.38
		20	33.38	2.14	35.46	2.22	37.53	2.30	39.03	2.33	41.68	2.37	43.75	2.42
		25	33.36	2.17	35.43	2.25	37.50	2.33	39.00	2.36	41.64	2.40	43.72	2.45
		30	33.33	2.20	35.40	2.28	37.47	2.36	38.97	2.39	41.61	2.44	43.68	2.49
		35	33.31	2.23	35.38	2.31	37.44	2.40	38.94	2.43	41.58	2.47	43.65	2.52
		40	33.28	2.26	35.35	2.34	37.41	2.43	38.91	2.46	41.55	2.50	43.62	2.55
		45	33.26	2.29	35.32	2.38	37.39	2.46	38.88	2.49	41.52	2.54	43.58	2.59
		50	33.23	2.32	35.29	2.41	37.36	2.50	38.85	2.52	41.49	2.57	43.55	2.62
		55	33.20	2.35	35.27	2.44	37.33	2.53	38.82	2.56	41.45	2.60	43.52	2.66
		60	33.18	2.38	35.24	2.47	37.30	2.56	38.79	2.59	41.42	2.64	43.48	2.69
		65	33.15	2.41	35.21	2.50	37.27	2.59	38.76	2.62	41.39	2.67	43.45	2.73
		70	33.13	2.44	35.19	2.53	37.24	2.63	38.73	2.66	41.36	2.71	43.42	2.76
		75	32.33	2.58	34.38	2.67	36.44	2.77	37.92	2.80	40.54	2.85	42.59	2.91
		80	31.53	2.71	33.58	2.81	35.63	2.91	37.11	2.94	39.72	3.00	41.77	3.06
		85	30.74	2.84	32.79	2.94	34.83	3.05	36.30	3.09	38.91	3.14	40.95	3.21
		90	29.95	2.97	31.99	3.08	34.03	3.19	35.50	3.23	38.10	3.29	40.14	3.36
		95	29.10	3.10	31.12	3.22	33.15	3.33	34.08	3.37	36.44	3.37	37.77	3.37
		100	28.75	3.23	30.81	3.35	31.82	3.37	32.48	3.37	34.81	3.37	36.04	3.37
		105	28.41	3.37	29.45	3.37	30.33	3.37	31.10	3.37	33.20	3.37	34.44	3.37
		110	27.03	3.37	28.02	3.37	28.94	3.37	29.83	3.37	31.80	3.37	32.96	3.37
		115	25.74	3.37	26.77	3.37	27.66	3.37	28.57	3.37	30.43	3.37	31.60	3.37
		118	25.00	3.37	26.05	3.37	26.89	3.37	27.93	3.37	29.65	3.37	30.82	3.37
		122	24.28	3.37	25.27	3.37	26.12	3.37	27.10	3.37	28.84	3.37	29.93	3.37
	7 + 24	-4	33.51	1.99	35.59	2.07	37.67	2.14	39.17	2.17	41.83	2.21	43.91	2.25
		0	33.49	2.02	35.57	2.09	37.65	2.17	39.15	2.19	41.81	2.23	43.89	2.28
		5	33.46	2.05	35.54	2.12	37.62	2.20	39.12	2.23	41.77	2.27	43.85	2.31
		10	33.43	2.08	35.51	2.16	37.59	2.23	39.09	2.26	41.74	2.30	43.82	2.35
		14	33.41	2.11	35.48	2.19	37.56	2.27	39.06	2.29	41.71	2.34	43.78	2.38
		20	33.38	2.14	35.46	2.22	37.53	2.30	39.03	2.33	41.68	2.37	43.75	2.42
		25	33.36	2.17	35.43	2.25	37.50	2.33	39.00	2.36	41.64	2.40	43.72	2.45
		30	33.33	2.20	35.40	2.28	37.47	2.36	38.97	2.39	41.61	2.44	43.68	2.49
		35	33.31	2.23	35.38	2.31	37.44	2.40	38.94	2.43	41.58	2.47	43.65	2.52
		40	33.28	2.26	35.35	2.34	37.41	2.43	38.91	2.46	41.55	2.50	43.62	2.55
		45	33.26	2.29	35.32	2.38	37.39	2.46	38.88	2.49	41.52	2.54	43.58	2.59
		50	33.23	2.32	35.29	2.41	37.36	2.50	38.85	2.52	41.49	2.57	43.55	2.62
		55	33.20	2.35	35.27	2.44	37.33	2.53	38.82	2.56	41.45	2.60	43.52	2.66
		60	33.18	2.38	35.24	2.47	37.30	2.56	38.79	2.59	41.42	2.64	43.48	2.69
		65	33.15	2.41	35.21	2.50	37.27	2.59	38.76	2.62	41.39	2.67	43.45	2.73
		70	33.13	2.44	35.19	2.53	37.24	2.63	38.73	2.66	41.36	2.71	43.42	2.76
		75	32.33	2.58	34.38	2.67	36.44	2.77	37.92	2.80	40.54	2.85	42.59	2.91
		80	31.53	2.71	33.58	2.81	35.63	2.91	37.11	2.94	39.72	3.00	41.77	3.06
		85	30.74	2.84	32.79	2.94	34.83	3.05	36.30	3.09	38.91	3.14	40.95	3.21
		90	29.95	2.97	31.99	3.08	34.03	3.19	35.50	3.23	38.10	3.29	40.14	3.36
		95	29.10	3.10	31.12	3.22	33.15	3.33	34.08	3.37	36.44	3.37	37.77	3.37
		100	28.75	3.23	30.81	3.35	31.82	3.37	32.48	3.37	34.81	3.37	36.04	3.37
		105	28.41	3.37	29.45	3.37	30.33	3.37	31.10	3.37	33.20	3.37	34.44	3.37
		110	27.03	3.37	28.02	3.37	28.94	3.37	29.83	3.37	31.80	3.37	32.96	3.37
		115	25.74	3.37	26.77	3.37	27.66	3.37	28.57	3.37	30.43	3.37	31.60	3.37
		118	25.00	3.37	26.05	3.37	26.89	3.37	27.93	3.37	29.65	3.37	30.82	3.37
		122	24.28	3.37	25.27	3.37	26.12	3.37	27.10	3.37	28.84	3.37	29.93	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 46: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 24	-4	33.51	1.99	35.59	2.07	37.67	2.14	39.17	2.17	41.83	2.21	43.91	2.25
		0	33.49	2.02	35.57	2.09	37.65	2.17	39.15	2.19	41.81	2.23	43.89	2.28
		5	33.46	2.05	35.54	2.12	37.62	2.20	39.12	2.23	41.77	2.27	43.85	2.31
		10	33.43	2.08	35.51	2.16	37.59	2.23	39.09	2.26	41.74	2.30	43.82	2.35
		14	33.41	2.11	35.48	2.19	37.56	2.27	39.06	2.29	41.71	2.34	43.78	2.38
		20	33.38	2.14	35.46	2.22	37.53	2.30	39.03	2.33	41.68	2.37	43.75	2.42
		25	33.36	2.17	35.43	2.25	37.50	2.33	39.00	2.36	41.64	2.40	43.72	2.45
		30	33.33	2.20	35.40	2.28	37.47	2.36	38.97	2.39	41.61	2.44	43.68	2.49
		35	33.31	2.23	35.38	2.31	37.44	2.40	38.94	2.43	41.58	2.47	43.65	2.52
		40	33.28	2.26	35.35	2.34	37.41	2.43	38.91	2.46	41.55	2.50	43.62	2.55
		45	33.26	2.29	35.32	2.38	37.39	2.46	38.88	2.49	41.52	2.54	43.58	2.59
		50	33.23	2.32	35.29	2.41	37.36	2.50	38.85	2.52	41.49	2.57	43.55	2.62
		55	33.20	2.35	35.27	2.44	37.33	2.53	38.82	2.56	41.45	2.60	43.52	2.66
		60	33.18	2.38	35.24	2.47	37.30	2.56	38.79	2.59	41.42	2.64	43.48	2.69
		65	33.15	2.41	35.21	2.50	37.27	2.59	38.76	2.62	41.39	2.67	43.45	2.73
		70	33.13	2.44	35.19	2.53	37.24	2.63	38.73	2.66	41.36	2.71	43.42	2.76
		75	32.33	2.58	34.38	2.67	36.44	2.77	37.92	2.80	40.54	2.85	42.59	2.91
		80	31.53	2.71	33.58	2.81	35.63	2.91	37.11	2.94	39.72	3.00	41.77	3.06
		85	30.74	2.84	32.79	2.94	34.83	3.05	36.30	3.09	38.91	3.14	40.95	3.21
		90	29.95	2.97	31.99	3.08	34.03	3.19	35.50	3.23	38.10	3.29	40.14	3.36
		95	29.10	3.10	31.12	3.22	33.15	3.33	34.08	3.37	36.44	3.37	37.77	3.37
		100	28.75	3.23	30.81	3.35	31.82	3.37	32.48	3.37	34.81	3.37	36.04	3.37
		105	28.41	3.37	29.45	3.37	30.33	3.37	31.10	3.37	33.20	3.37	34.44	3.37
		110	27.03	3.37	28.02	3.37	28.94	3.37	29.83	3.37	31.80	3.37	32.96	3.37
		115	25.74	3.37	26.77	3.37	27.66	3.37	28.57	3.37	30.43	3.37	31.60	3.37
		118	25.00	3.37	26.05	3.37	26.89	3.37	27.93	3.37	29.65	3.37	30.82	3.37
		122	24.28	3.37	25.27	3.37	26.12	3.37	27.10	3.37	28.84	3.37	29.93	3.37
	15 + 18	-4	33.51	1.99	35.59	2.07	37.67	2.14	39.17	2.17	41.83	2.21	43.91	2.25
		0	33.49	2.02	35.57	2.09	37.65	2.17	39.15	2.19	41.81	2.23	43.89	2.28
		5	33.46	2.05	35.54	2.12	37.62	2.20	39.12	2.23	41.77	2.27	43.85	2.31
		10	33.43	2.08	35.51	2.16	37.59	2.23	39.09	2.26	41.74	2.30	43.82	2.35
		14	33.41	2.11	35.48	2.19	37.56	2.27	39.06	2.29	41.71	2.34	43.78	2.38
		20	33.38	2.14	35.46	2.22	37.53	2.30	39.03	2.33	41.68	2.37	43.75	2.42
		25	33.36	2.17	35.43	2.25	37.50	2.33	39.00	2.36	41.64	2.40	43.72	2.45
		30	33.33	2.20	35.40	2.28	37.47	2.36	38.97	2.39	41.61	2.44	43.68	2.49
		35	33.31	2.23	35.38	2.31	37.44	2.40	38.94	2.43	41.58	2.47	43.65	2.52
		40	33.28	2.26	35.35	2.34	37.41	2.43	38.91	2.46	41.55	2.50	43.62	2.55
		45	33.26	2.29	35.32	2.38	37.39	2.46	38.88	2.49	41.52	2.54	43.58	2.59
		50	33.23	2.32	35.29	2.41	37.36	2.50	38.85	2.52	41.49	2.57	43.55	2.62
		55	33.20	2.35	35.27	2.44	37.33	2.53	38.82	2.56	41.45	2.60	43.52	2.66
		60	33.18	2.38	35.24	2.47	37.30	2.56	38.79	2.59	41.42	2.64	43.48	2.69
		65	33.15	2.41	35.21	2.50	37.27	2.59	38.76	2.62	41.39	2.67	43.45	2.73
		70	33.13	2.44	35.19	2.53	37.24	2.63	38.73	2.66	41.36	2.71	43.42	2.76
		75	32.33	2.58	34.38	2.67	36.44	2.77	37.92	2.80	40.54	2.85	42.59	2.91
		80	31.53	2.71	33.58	2.81	35.63	2.91	37.11	2.94	39.72	3.00	41.77	3.06
		85	30.74	2.84	32.79	2.94	34.83	3.05	36.30	3.09	38.91	3.14	40.95	3.21
		90	29.95	2.97	31.99	3.08	34.03	3.19	35.50	3.23	38.10	3.29	40.14	3.36
		95	29.10	3.10	31.12	3.22	33.15	3.33	34.08	3.37	36.44	3.37	37.77	3.37
		100	28.75	3.23	30.81	3.35	31.82	3.37	32.48	3.37	34.81	3.37	36.04	3.37
		105	28.41	3.37	29.45	3.37	30.33	3.37	31.10	3.37	33.20	3.37	34.44	3.37
		110	27.03	3.37	28.02	3.37	28.94	3.37	29.83	3.37	31.80	3.37	32.96	3.37
		115	25.74	3.37	26.77	3.37	27.66	3.37	28.57	3.37	30.43	3.37	31.60	3.37
		118	25.00	3.37	26.05	3.37	26.89	3.37	27.93	3.37	29.65	3.37	30.82	3.37
		122	24.28	3.37	25.27	3.37	26.12	3.37	27.10	3.37	28.84	3.37	29.93	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 47: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	18 + 18	-4	33.51	1.99	35.59	2.07	37.67	2.14	39.17	2.17	41.83	2.21	43.91	2.25
		0	33.49	2.02	35.57	2.09	37.65	2.17	39.15	2.19	41.81	2.23	43.89	2.28
		5	33.46	2.05	35.54	2.12	37.62	2.20	39.12	2.23	41.77	2.27	43.85	2.31
		10	33.43	2.08	35.51	2.16	37.59	2.23	39.09	2.26	41.74	2.30	43.82	2.35
		14	33.41	2.11	35.48	2.19	37.56	2.27	39.06	2.29	41.71	2.34	43.78	2.38
		20	33.38	2.14	35.46	2.22	37.53	2.30	39.03	2.33	41.68	2.37	43.75	2.42
		25	33.36	2.17	35.43	2.25	37.50	2.33	39.00	2.36	41.64	2.40	43.72	2.45
		30	33.33	2.20	35.40	2.28	37.47	2.36	38.97	2.39	41.61	2.44	43.68	2.49
		35	33.31	2.23	35.38	2.31	37.44	2.40	38.94	2.43	41.58	2.47	43.65	2.52
		40	33.28	2.26	35.35	2.34	37.41	2.43	38.91	2.46	41.55	2.50	43.62	2.55
		45	33.26	2.29	35.32	2.38	37.39	2.46	38.88	2.49	41.52	2.54	43.58	2.59
		50	33.23	2.32	35.29	2.41	37.36	2.50	38.85	2.52	41.49	2.57	43.55	2.62
		55	33.20	2.35	35.27	2.44	37.33	2.53	38.82	2.56	41.45	2.60	43.52	2.66
		60	33.18	2.38	35.24	2.47	37.30	2.56	38.79	2.59	41.42	2.64	43.48	2.69
		65	33.15	2.41	35.21	2.50	37.27	2.59	38.76	2.62	41.39	2.67	43.45	2.73
		70	33.13	2.44	35.19	2.53	37.24	2.63	38.73	2.66	41.36	2.71	43.42	2.76
		75	32.33	2.58	34.38	2.67	36.44	2.77	37.92	2.80	40.54	2.85	42.59	2.91
		80	31.53	2.71	33.58	2.81	35.63	2.91	37.11	2.94	39.72	3.00	41.77	3.06
		85	30.74	2.84	32.79	2.94	34.83	3.05	36.30	3.09	38.91	3.14	40.95	3.21
		90	29.95	2.97	31.99	3.08	34.03	3.19	35.50	3.23	38.10	3.29	40.14	3.36
		95	29.10	3.10	31.12	3.22	33.15	3.33	34.08	3.37	36.44	3.37	37.77	3.37
		100	28.75	3.23	30.81	3.35	31.82	3.37	32.48	3.37	34.81	3.37	36.04	3.37
		105	28.41	3.37	29.45	3.37	30.33	3.37	31.10	3.37	33.20	3.37	34.44	3.37
		110	27.03	3.37	28.02	3.37	28.94	3.37	29.83	3.37	31.80	3.37	32.96	3.37
		115	25.74	3.37	26.77	3.37	27.66	3.37	28.57	3.37	30.43	3.37	31.60	3.37
		118	25.00	3.37	26.05	3.37	26.89	3.37	27.93	3.37	29.65	3.37	30.82	3.37
		122	24.28	3.37	25.27	3.37	26.12	3.37	27.10	3.37	28.84	3.37	29.93	3.37
	12 + 24	-4	33.51	1.99	35.59	2.07	37.67	2.14	39.17	2.17	41.83	2.21	43.91	2.25
		0	33.49	2.02	35.57	2.09	37.65	2.17	39.15	2.19	41.81	2.23	43.89	2.28
		5	33.46	2.05	35.54	2.12	37.62	2.20	39.12	2.23	41.77	2.27	43.85	2.31
		10	33.43	2.08	35.51	2.16	37.59	2.23	39.09	2.26	41.74	2.30	43.82	2.35
		14	33.41	2.11	35.48	2.19	37.56	2.27	39.06	2.29	41.71	2.34	43.78	2.38
		20	33.38	2.14	35.46	2.22	37.53	2.30	39.03	2.33	41.68	2.37	43.75	2.42
		25	33.36	2.17	35.43	2.25	37.50	2.33	39.00	2.36	41.64	2.40	43.72	2.45
		30	33.33	2.20	35.40	2.28	37.47	2.36	38.97	2.39	41.61	2.44	43.68	2.49
		35	33.31	2.23	35.38	2.31	37.44	2.40	38.94	2.43	41.58	2.47	43.65	2.52
		40	33.28	2.26	35.35	2.34	37.41	2.43	38.91	2.46	41.55	2.50	43.62	2.55
		45	33.26	2.29	35.32	2.38	37.39	2.46	38.88	2.49	41.52	2.54	43.58	2.59
		50	33.23	2.32	35.29	2.41	37.36	2.50	38.85	2.52	41.49	2.57	43.55	2.62
		55	33.20	2.35	35.27	2.44	37.33	2.53	38.82	2.56	41.45	2.60	43.52	2.66
		60	33.18	2.38	35.24	2.47	37.30	2.56	38.79	2.59	41.42	2.64	43.48	2.69
		65	33.15	2.41	35.21	2.50	37.27	2.59	38.76	2.62	41.39	2.67	43.45	2.73
		70	33.13	2.44	35.19	2.53	37.24	2.63	38.73	2.66	41.36	2.71	43.42	2.76
		75	32.33	2.58	34.38	2.67	36.44	2.77	37.92	2.80	40.54	2.85	42.59	2.91
		80	31.53	2.71	33.58	2.81	35.63	2.91	37.11	2.94	39.72	3.00	41.77	3.06
		85	30.74	2.84	32.79	2.94	34.83	3.05	36.30	3.09	38.91	3.14	40.95	3.21
		90	29.95	2.97	31.99	3.08	34.03	3.19	35.50	3.23	38.10	3.29	40.14	3.36
		95	29.10	3.10	31.12	3.22	33.15	3.33	34.08	3.37	36.44	3.37	37.77	3.37
		100	28.75	3.23	30.81	3.35	31.82	3.37	32.48	3.37	34.81	3.37	36.04	3.37
		105	28.41	3.37	29.45	3.37	30.33	3.37	31.10	3.37	33.20	3.37	34.44	3.37
		110	27.03	3.37	28.02	3.37	28.94	3.37	29.83	3.37	31.80	3.37	32.96	3.37
		115	25.74	3.37	26.77	3.37	27.66	3.37	28.57	3.37	30.43	3.37	31.60	3.37
		118	25.00	3.37	26.05	3.37	26.89	3.37	27.93	3.37	29.65	3.37	30.82	3.37
		122	24.28	3.37	25.27	3.37	26.12	3.37	27.10	3.37	28.84	3.37	29.93	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 48: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15 + 24	-4	33.51	1.99	35.59	2.07	37.67	2.14	39.17	2.17	41.83	2.21	43.91	2.25
		0	33.49	2.02	35.57	2.09	37.65	2.17	39.15	2.19	41.81	2.23	43.89	2.28
		5	33.46	2.05	35.54	2.12	37.62	2.20	39.12	2.23	41.77	2.27	43.85	2.31
		10	33.43	2.08	35.51	2.16	37.59	2.23	39.09	2.26	41.74	2.30	43.82	2.35
		14	33.41	2.11	35.48	2.19	37.56	2.27	39.06	2.29	41.71	2.34	43.78	2.38
		20	33.38	2.14	35.46	2.22	37.53	2.30	39.03	2.33	41.68	2.37	43.75	2.42
		25	33.36	2.17	35.43	2.25	37.50	2.33	39.00	2.36	41.64	2.40	43.72	2.45
		30	33.33	2.20	35.40	2.28	37.47	2.36	38.97	2.39	41.61	2.44	43.68	2.49
		35	33.31	2.23	35.38	2.31	37.44	2.40	38.94	2.43	41.58	2.47	43.65	2.52
		40	33.28	2.26	35.35	2.34	37.41	2.43	38.91	2.46	41.55	2.50	43.62	2.55
		45	33.26	2.29	35.32	2.38	37.39	2.46	38.88	2.49	41.52	2.54	43.58	2.59
		50	33.23	2.32	35.29	2.41	37.36	2.50	38.85	2.52	41.49	2.57	43.55	2.62
		55	33.20	2.35	35.27	2.44	37.33	2.53	38.82	2.56	41.45	2.60	43.52	2.66
		60	33.18	2.38	35.24	2.47	37.30	2.56	38.79	2.59	41.42	2.64	43.48	2.69
		65	33.15	2.41	35.21	2.50	37.27	2.59	38.76	2.62	41.39	2.67	43.45	2.73
		70	33.13	2.44	35.19	2.53	37.24	2.63	38.73	2.66	41.36	2.71	43.42	2.76
		75	32.33	2.58	34.38	2.67	36.44	2.77	37.92	2.80	40.54	2.85	42.59	2.91
		80	31.53	2.71	33.58	2.81	35.63	2.91	37.11	2.94	39.72	3.00	41.77	3.06
		85	30.74	2.84	32.79	2.94	34.83	3.05	36.30	3.09	38.91	3.14	40.95	3.21
		90	29.95	2.97	31.99	3.08	34.03	3.19	35.50	3.23	38.10	3.29	40.14	3.36
		95	29.10	3.10	31.12	3.22	33.15	3.33	34.08	3.37	36.44	3.37	37.77	3.37
		100	28.75	3.23	30.81	3.35	31.82	3.37	32.48	3.37	34.81	3.37	36.04	3.37
		105	28.41	3.37	29.45	3.37	30.33	3.37	31.10	3.37	33.20	3.37	34.44	3.37
		110	27.03	3.37	28.02	3.37	28.94	3.37	29.83	3.37	31.80	3.37	32.96	3.37
		115	25.74	3.37	26.77	3.37	27.66	3.37	28.57	3.37	30.43	3.37	31.60	3.37
		118	25.00	3.37	26.05	3.37	26.89	3.37	27.93	3.37	29.65	3.37	30.82	3.37
		122	24.28	3.37	25.27	3.37	26.12	3.37	27.10	3.37	28.84	3.37	29.93	3.37
Three (3) Non-Ducted Indoor Units	7 + 7 + 7	-4	23.74	1.39	25.22	1.44	26.69	1.50	27.76	1.51	29.64	1.54	31.12	1.57
		0	23.73	1.41	25.20	1.46	26.68	1.51	27.74	1.53	29.62	1.56	31.10	1.59
		5	23.71	1.43	25.18	1.48	26.66	1.54	27.72	1.55	29.60	1.58	31.07	1.62
		10	23.69	1.45	25.16	1.50	26.64	1.56	27.70	1.58	29.58	1.61	31.05	1.64
		14	23.67	1.47	25.14	1.53	26.61	1.58	27.68	1.60	29.56	1.63	31.03	1.66
		20	23.66	1.49	25.13	1.55	26.59	1.60	27.66	1.62	29.53	1.65	31.00	1.69
		25	23.64	1.51	25.11	1.57	26.57	1.63	27.63	1.65	29.51	1.68	30.98	1.71
		30	23.62	1.54	25.09	1.59	26.55	1.65	27.61	1.67	29.49	1.70	30.95	1.73
		35	23.60	1.56	25.07	1.61	26.53	1.67	27.59	1.69	29.47	1.72	30.93	1.76
		40	23.58	1.58	25.05	1.64	26.51	1.70	27.57	1.72	29.44	1.75	30.91	1.78
		45	23.57	1.60	25.03	1.66	26.49	1.72	27.55	1.74	29.42	1.77	30.88	1.81
		50	23.55	1.62	25.01	1.68	26.47	1.74	27.53	1.76	29.40	1.79	30.86	1.83
		55	23.53	1.64	24.99	1.70	26.45	1.76	27.51	1.78	29.37	1.82	30.84	1.85
		60	23.51	1.66	24.97	1.72	26.43	1.79	27.49	1.81	29.35	1.84	30.81	1.88
		65	23.49	1.68	24.95	1.75	26.41	1.81	27.47	1.83	29.33	1.86	30.79	1.90
		70	23.48	1.71	24.93	1.77	26.39	1.83	27.44	1.85	29.31	1.89	30.77	1.93
		75	22.91	1.80	24.36	1.86	25.82	1.93	26.87	1.95	28.73	1.99	30.18	2.03
		80	22.35	1.89	23.80	1.96	25.25	2.03	26.29	2.05	28.15	2.09	29.60	2.13
		85	21.79	1.98	23.23	2.05	24.68	2.13	25.73	2.15	27.57	2.19	29.02	2.24
		90	21.23	2.07	22.67	2.15	24.11	2.23	25.16	2.25	27.00	2.30	28.44	2.34
		95	20.62	2.17	22.05	2.24	23.49	2.33	24.15	2.35	26.36	2.40	27.80	2.45
		100	20.38	2.26	21.83	2.34	23.29	2.43	24.05	2.45	26.20	2.50	27.66	2.55
		105	20.13	2.35	21.61	2.43	23.09	2.52	23.94	2.55	26.04	2.60	27.52	2.65
		110	19.89	2.44	21.39	2.53	22.88	2.62	23.84	2.65	25.88	2.70	27.38	2.76
		115	19.65	2.53	21.17	2.63	22.68	2.72	23.73	2.75	25.72	2.80	27.24	2.86
		118	19.50	2.59	21.03	2.68	22.56	2.78	23.67	2.81	25.62	2.87	27.15	2.92
		122	19.45	2.66	20.99	2.76	22.52	2.86	23.65	2.89	25.59	2.95	27.12	3.01

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 49: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 7 + 9	-4	25.60	1.50	27.19	1.56	28.78	1.61	29.93	1.63	31.96	1.66	33.55	1.70
		0	25.59	1.52	27.18	1.57	28.77	1.63	29.91	1.65	31.94	1.68	33.53	1.71
		5	25.57	1.54	27.15	1.60	28.74	1.66	29.89	1.68	31.92	1.71	33.51	1.74
		10	25.55	1.56	27.13	1.62	28.72	1.68	29.87	1.70	31.89	1.73	33.48	1.77
		14	25.53	1.59	27.11	1.65	28.70	1.71	29.84	1.73	31.87	1.76	33.45	1.79
		20	25.51	1.61	27.09	1.67	28.68	1.73	29.82	1.75	31.85	1.78	33.43	1.82
		25	25.49	1.63	27.07	1.69	28.65	1.75	29.80	1.77	31.82	1.81	33.40	1.84
		30	25.47	1.66	27.05	1.72	28.63	1.78	29.78	1.80	31.80	1.83	33.38	1.87
		35	25.45	1.68	27.03	1.74	28.61	1.80	29.75	1.82	31.77	1.86	33.35	1.90
		40	25.43	1.70	27.01	1.76	28.59	1.83	29.73	1.85	31.75	1.88	33.33	1.92
		45	25.41	1.72	26.99	1.79	28.57	1.85	29.71	1.87	31.72	1.91	33.30	1.95
		50	25.39	1.75	26.97	1.81	28.55	1.88	29.68	1.90	31.70	1.93	33.28	1.97
		55	25.37	1.77	26.95	1.83	28.52	1.90	29.66	1.92	31.68	1.96	33.25	2.00
		60	25.35	1.79	26.93	1.86	28.50	1.93	29.64	1.95	31.65	1.98	33.23	2.02
		65	25.33	1.82	26.91	1.88	28.48	1.95	29.62	1.97	31.63	2.01	33.20	2.05
		70	25.31	1.84	26.89	1.91	28.46	1.98	29.59	2.00	31.60	2.04	33.17	2.08
		75	24.70	1.94	26.27	2.01	27.84	2.08	28.97	2.11	30.98	2.15	32.55	2.19
		80	24.10	2.04	25.66	2.11	27.22	2.19	28.35	2.21	30.35	2.26	31.92	2.30
		85	23.49	2.14	25.05	2.21	26.61	2.29	27.74	2.32	29.73	2.36	31.29	2.41
		90	22.89	2.24	24.44	2.32	26.00	2.40	27.13	2.43	29.11	2.47	30.67	2.52
		95	22.23	2.33	23.78	2.42	25.33	2.51	26.04	2.54	28.43	2.58	29.98	2.64
		100	21.97	2.43	23.54	2.52	25.11	2.61	25.93	2.64	28.25	2.69	29.83	2.75
		105	21.71	2.53	23.30	2.63	24.89	2.72	25.81	2.75	28.08	2.80	29.67	2.86
		110	21.45	2.63	23.06	2.73	24.68	2.83	25.70	2.86	27.91	2.91	29.52	2.97
		115	21.19	2.73	22.82	2.83	24.46	2.93	25.59	2.97	27.73	3.02	29.37	3.08
		118	21.03	2.79	22.68	2.89	24.33	3.00	25.52	3.03	27.63	3.09	29.28	3.15
		122	20.98	2.87	22.63	2.97	24.28	3.08	25.50	3.12	27.59	3.18	29.25	3.24
	7 + 9 + 9	-4	27.78	1.63	29.50	1.69	31.23	1.75	32.47	1.77	34.68	1.80	36.40	1.84
		0	27.76	1.65	29.48	1.71	31.21	1.77	32.45	1.79	34.66	1.82	36.38	1.86
		5	27.74	1.67	29.46	1.73	31.18	1.80	32.43	1.82	34.63	1.85	36.35	1.89
		10	27.72	1.70	29.44	1.76	31.16	1.82	32.40	1.84	34.60	1.88	36.32	1.92
		14	27.70	1.72	29.42	1.79	31.14	1.85	32.38	1.87	34.58	1.91	36.30	1.94
		20	27.67	1.75	29.39	1.81	31.11	1.88	32.35	1.90	34.55	1.93	36.27	1.97
		25	27.65	1.77	29.37	1.84	31.09	1.90	32.33	1.93	34.52	1.96	36.24	2.00
		30	27.63	1.80	29.35	1.86	31.06	1.93	32.30	1.95	34.50	1.99	36.21	2.03
		35	27.61	1.82	29.33	1.89	31.04	1.96	32.28	1.98	34.47	2.02	36.18	2.06
		40	27.59	1.85	29.30	1.91	31.02	1.98	32.25	2.01	34.44	2.04	36.16	2.08
		45	27.57	1.87	29.28	1.94	30.99	2.01	32.23	2.03	34.42	2.07	36.13	2.11
		50	27.55	1.90	29.26	1.96	30.97	2.04	32.20	2.06	34.39	2.10	36.10	2.14
		55	27.53	1.92	29.24	1.99	30.95	2.06	32.18	2.09	34.36	2.13	36.07	2.17
		60	27.51	1.94	29.21	2.02	30.92	2.09	32.16	2.11	34.34	2.15	36.05	2.20
		65	27.48	1.97	29.19	2.04	30.90	2.12	32.13	2.14	34.31	2.18	36.02	2.22
		70	27.46	1.99	29.17	2.07	30.87	2.14	32.11	2.17	34.29	2.21	35.99	2.25
		75	26.80	2.10	28.50	2.18	30.20	2.26	31.43	2.28	33.61	2.33	35.31	2.37
		80	26.14	2.21	27.84	2.29	29.54	2.37	30.76	2.40	32.93	2.45	34.63	2.50
		85	25.49	2.32	27.18	2.40	28.87	2.49	30.09	2.52	32.26	2.57	33.95	2.62
		90	24.83	2.42	26.52	2.51	28.21	2.61	29.43	2.64	31.59	2.68	33.28	2.74
		95	24.12	2.53	25.80	2.62	27.48	2.72	28.25	2.75	30.84	2.80	32.52	2.86
		100	23.84	2.64	25.54	2.74	27.24	2.84	28.13	2.87	30.65	2.92	32.36	2.98
		105	23.55	2.75	25.28	2.85	27.01	2.95	28.01	2.99	30.47	3.04	32.19	3.10
		110	23.27	2.86	25.02	2.96	26.77	3.07	27.88	3.10	30.28	3.16	32.03	3.22
		115	22.98	2.96	24.76	3.07	26.53	3.18	27.76	3.22	30.09	3.28	31.86	3.35
		118	22.81	3.03	24.60	3.14	26.39	3.25	27.69	3.29	29.98	3.35	31.30	3.37
		122	22.76	3.11	24.55	3.23	26.35	3.34	27.58	3.37	29.25	3.37	30.38	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 50: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 7 + 12	-4	28.39	1.66	30.15	1.73	31.92	1.79	33.19	1.81	35.44	1.84	37.21	1.88
		0	28.38	1.68	30.14	1.74	31.90	1.81	33.17	1.83	35.42	1.86	37.19	1.90
		5	28.35	1.71	30.11	1.77	31.87	1.84	33.15	1.86	35.40	1.89	37.16	1.93
		10	28.33	1.74	30.09	1.80	31.85	1.86	33.12	1.89	35.37	1.92	37.13	1.96
		14	28.31	1.76	30.07	1.82	31.83	1.89	33.10	1.91	35.34	1.95	37.10	1.99
		20	28.29	1.79	30.04	1.85	31.80	1.92	33.07	1.94	35.31	1.98	37.07	2.02
		25	28.27	1.81	30.02	1.88	31.78	1.95	33.04	1.97	35.29	2.00	37.04	2.05
		30	28.24	1.84	30.00	1.90	31.75	1.97	33.02	2.00	35.26	2.03	37.01	2.07
		35	28.22	1.86	29.98	1.93	31.73	2.00	32.99	2.02	35.23	2.06	36.99	2.10
		40	28.20	1.89	29.95	1.96	31.70	2.03	32.97	2.05	35.21	2.09	36.96	2.13
		45	28.18	1.91	29.93	1.98	31.68	2.05	32.94	2.08	35.18	2.12	36.93	2.16
		50	28.16	1.94	29.91	2.01	31.66	2.08	32.92	2.11	35.15	2.14	36.90	2.19
		55	28.14	1.96	29.88	2.03	31.63	2.11	32.89	2.13	35.13	2.17	36.87	2.22
		60	28.11	1.99	29.86	2.06	31.61	2.14	32.87	2.16	35.10	2.20	36.84	2.25
		65	28.09	2.01	29.84	2.09	31.58	2.16	32.84	2.19	35.07	2.23	36.82	2.27
		70	28.07	2.04	29.81	2.11	31.56	2.19	32.82	2.22	35.04	2.26	36.79	2.30
		75	27.40	2.15	29.14	2.23	30.87	2.31	32.13	2.33	34.35	2.38	36.09	2.43
		80	26.72	2.26	28.46	2.34	30.19	2.43	31.44	2.45	33.66	2.50	35.39	2.55
		85	26.05	2.37	27.78	2.46	29.51	2.54	30.76	2.57	32.97	2.62	34.70	2.67
		90	25.38	2.48	27.11	2.57	28.83	2.66	30.08	2.69	32.29	2.74	34.01	2.80
		95	24.65	2.59	26.37	2.68	28.09	2.78	28.88	2.81	31.53	2.87	33.24	2.92
		100	24.36	2.70	26.11	2.80	27.85	2.90	28.75	2.93	31.33	2.99	33.07	3.05
		105	24.07	2.81	25.84	2.91	27.61	3.02	28.63	3.05	31.14	3.11	32.91	3.17
		110	23.78	2.92	25.58	3.02	27.36	3.14	28.50	3.17	30.95	3.23	32.74	3.30
		115	23.49	3.03	25.31	3.14	27.12	3.25	28.38	3.29	30.76	3.35	32.09	3.37
		118	23.32	3.09	25.15	3.21	26.98	3.32	28.30	3.36	30.10	3.37	31.35	3.37
		122	23.26	3.18	25.10	3.30	26.54	3.37	27.54	3.37	29.30	3.37	30.44	3.37
	9 + 9 + 9	-4	29.32	1.72	31.14	1.78	32.96	1.85	34.28	1.87	36.60	1.90	38.42	1.94
		0	29.30	1.74	31.12	1.80	32.94	1.87	34.26	1.89	36.58	1.92	38.40	1.96
		5	29.28	1.77	31.10	1.83	32.92	1.90	34.23	1.92	36.55	1.95	38.37	1.99
		10	29.26	1.79	31.07	1.86	32.89	1.93	34.20	1.95	36.53	1.98	38.34	2.02
		14	29.24	1.82	31.05	1.88	32.87	1.95	34.18	1.98	36.50	2.01	38.31	2.05
		20	29.21	1.84	31.03	1.91	32.84	1.98	34.15	2.00	36.47	2.04	38.28	2.08
		25	29.19	1.87	31.00	1.94	32.82	2.01	34.13	2.03	36.44	2.07	38.26	2.11
		30	29.17	1.90	30.98	1.97	32.79	2.04	34.10	2.06	36.41	2.10	38.23	2.14
		35	29.15	1.92	30.96	1.99	32.77	2.07	34.07	2.09	36.39	2.13	38.20	2.17
		40	29.12	1.95	30.93	2.02	32.74	2.09	34.05	2.12	36.36	2.16	38.17	2.20
		45	29.10	1.97	30.91	2.05	32.72	2.12	34.02	2.15	36.33	2.19	38.14	2.23
		50	29.08	2.00	30.89	2.07	32.69	2.15	34.00	2.17	36.30	2.22	38.11	2.26
		55	29.06	2.03	30.86	2.10	32.67	2.18	33.97	2.20	36.28	2.24	38.08	2.29
		60	29.03	2.05	30.84	2.13	32.64	2.21	33.94	2.23	36.25	2.27	38.05	2.32
		65	29.01	2.08	30.81	2.16	32.62	2.23	33.92	2.26	36.22	2.30	38.02	2.35
		70	28.99	2.11	30.79	2.18	32.59	2.26	33.89	2.29	36.19	2.33	37.99	2.38
		75	28.29	2.22	30.09	2.30	31.88	2.38	33.18	2.41	35.48	2.46	37.27	2.51
		80	27.59	2.33	29.39	2.42	31.18	2.51	32.47	2.53	34.76	2.58	36.55	2.63
		85	26.90	2.45	28.69	2.54	30.48	2.63	31.77	2.66	34.05	2.71	35.84	2.76
		90	26.21	2.56	27.99	2.65	29.78	2.75	31.06	2.78	33.34	2.83	35.13	2.89
		95	25.46	2.67	27.24	2.77	29.01	2.87	29.82	2.91	32.56	2.96	34.33	3.02
		100	25.16	2.79	26.96	2.89	28.76	2.99	29.69	3.03	32.36	3.09	34.16	3.15
		105	24.86	2.90	26.69	3.01	28.51	3.12	29.56	3.15	32.16	3.21	33.98	3.28
		110	24.56	3.01	26.41	3.12	28.26	3.24	29.43	3.28	31.96	3.34	33.51	3.37
		115	24.26	3.13	26.14	3.24	28.01	3.36	29.04	3.37	30.93	3.37	32.11	3.37
		118	24.08	3.20	25.97	3.31	27.37	3.37	28.39	3.37	30.12	3.37	31.30	3.37
		122	24.02	3.29	25.62	3.37	26.55	3.37	27.56	3.37	29.26	3.37	30.43	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 51: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 9 + 12	-4	30.25	1.77	32.13	1.84	34.01	1.90	35.36	1.93	37.76	1.96	39.64	2.00
		0	30.23	1.79	32.11	1.86	33.99	1.93	35.35	1.95	37.74	1.98	39.62	2.02
		5	30.21	1.82	32.08	1.89	33.96	1.96	35.32	1.98	37.71	2.02	39.59	2.06
		10	30.19	1.85	32.06	1.92	33.94	1.99	35.29	2.01	37.68	2.05	39.56	2.09
		14	30.16	1.88	32.04	1.94	33.91	2.01	35.26	2.04	37.66	2.08	39.53	2.12
		20	30.14	1.90	32.01	1.97	33.88	2.04	35.24	2.07	37.63	2.11	39.50	2.15
		25	30.12	1.93	31.99	2.00	33.86	2.07	35.21	2.10	37.60	2.14	39.47	2.18
		30	30.09	1.96	31.96	2.03	33.83	2.10	35.18	2.13	37.57	2.17	39.44	2.21
		35	30.07	1.98	31.94	2.06	33.81	2.13	35.15	2.16	37.54	2.20	39.41	2.24
		40	30.05	2.01	31.91	2.08	33.78	2.16	35.13	2.18	37.51	2.23	39.38	2.27
		45	30.02	2.04	31.89	2.11	33.75	2.19	35.10	2.21	37.48	2.26	39.35	2.30
		50	30.00	2.06	31.86	2.14	33.73	2.22	35.07	2.24	37.45	2.29	39.32	2.33
		55	29.98	2.09	31.84	2.17	33.70	2.25	35.05	2.27	37.43	2.32	39.29	2.36
		60	29.96	2.12	31.82	2.20	33.68	2.28	35.02	2.30	37.40	2.34	39.26	2.39
		65	29.93	2.14	31.79	2.22	33.65	2.30	34.99	2.33	37.37	2.37	39.23	2.42
		70	29.91	2.17	31.77	2.25	33.62	2.33	34.97	2.36	37.34	2.40	39.20	2.45
		75	29.19	2.29	31.04	2.37	32.90	2.46	34.23	2.49	36.60	2.53	38.45	2.59
		80	28.47	2.41	30.32	2.49	32.17	2.59	33.50	2.61	35.86	2.66	37.71	2.72
		85	27.76	2.52	29.60	2.62	31.44	2.71	32.78	2.74	35.13	2.79	36.98	2.85
		90	27.04	2.64	28.88	2.74	30.72	2.84	32.05	2.87	34.40	2.92	36.24	2.98
		95	26.27	2.76	28.10	2.86	29.93	2.96	30.77	3.00	33.59	3.05	35.42	3.11
		100	25.96	2.87	27.82	2.98	29.67	3.09	30.64	3.12	33.38	3.18	35.24	3.25
		105	25.65	2.99	27.53	3.10	29.41	3.21	30.50	3.25	33.18	3.31	34.96	3.37
		110	25.34	3.11	27.25	3.22	29.16	3.34	30.28	3.37	32.30	3.37	33.49	3.37
		115	25.03	3.23	26.97	3.34	28.07	3.37	29.02	3.37	30.93	3.37	32.13	3.37
		118	24.85	3.30	26.41	3.37	27.36	3.37	28.38	3.37	30.15	3.37	31.34	3.37
		122	24.63	3.37	25.67	3.37	26.56	3.37	27.59	3.37	29.30	3.37	30.41	3.37
	7 + 7 + 15	-4	31.18	1.83	33.12	1.89	35.05	1.96	36.45	1.99	38.92	2.02	40.86	2.06
		0	31.16	1.85	33.10	1.92	35.03	1.98	36.43	2.01	38.90	2.05	40.84	2.09
		5	31.14	1.88	33.07	1.95	35.00	2.02	36.40	2.04	38.87	2.08	40.81	2.12
		10	31.11	1.91	33.05	1.97	34.98	2.05	36.37	2.07	38.84	2.11	40.77	2.15
		14	31.09	1.93	33.02	2.00	34.95	2.08	36.35	2.10	38.81	2.14	40.74	2.18
		20	31.07	1.96	32.99	2.03	34.92	2.11	36.32	2.13	38.78	2.17	40.71	2.21
		25	31.04	1.99	32.97	2.06	34.90	2.14	36.29	2.16	38.75	2.20	40.68	2.25
		30	31.02	2.02	32.94	2.09	34.87	2.17	36.26	2.19	38.72	2.23	40.65	2.28
		35	30.99	2.04	32.92	2.12	34.84	2.20	36.23	2.22	38.69	2.26	40.62	2.31
		40	30.97	2.07	32.89	2.15	34.82	2.23	36.21	2.25	38.66	2.29	40.59	2.34
		45	30.95	2.10	32.87	2.18	34.79	2.26	36.18	2.28	38.63	2.32	40.56	2.37
		50	30.92	2.13	32.84	2.21	34.76	2.29	36.15	2.31	38.61	2.36	40.53	2.40
		55	30.90	2.16	32.82	2.23	34.74	2.32	36.12	2.34	38.58	2.39	40.49	2.43
		60	30.88	2.18	32.79	2.26	34.71	2.35	36.10	2.37	38.55	2.42	40.46	2.47
		65	30.85	2.21	32.77	2.29	34.68	2.38	36.07	2.40	38.52	2.45	40.43	2.50
		70	30.83	2.24	32.74	2.32	34.66	2.41	36.04	2.43	38.49	2.48	40.40	2.53
		75	30.09	2.36	32.00	2.45	33.91	2.53	35.29	2.56	37.73	2.61	39.64	2.66
		80	29.34	2.48	31.25	2.57	33.15	2.66	34.53	2.70	36.97	2.75	38.87	2.80
		85	28.61	2.60	30.51	2.70	32.41	2.79	33.78	2.83	36.21	2.88	38.11	2.94
		90	27.87	2.72	29.77	2.82	31.67	2.92	33.03	2.96	35.46	3.01	37.35	3.07
		95	27.08	2.84	28.96	2.95	30.85	3.05	31.71	3.09	34.62	3.15	36.51	3.21
		100	26.76	2.96	28.67	3.07	30.58	3.18	31.58	3.22	34.41	3.28	36.32	3.35
		105	26.44	3.08	28.38	3.20	30.32	3.31	31.44	3.35	33.80	3.37	35.00	3.37
		110	26.12	3.20	28.09	3.32	29.44	3.37	30.31	3.37	32.27	3.37	33.47	3.37
		115	25.80	3.33	27.15	3.37	28.12	3.37	29.09	3.37	30.93	3.37	32.06	3.37
		118	25.38	3.37	26.44	3.37	27.36	3.37	28.38	3.37	30.16	3.37	31.30	3.37
		122	24.67	3.37	25.66	3.37	26.57	3.37	27.54	3.37	29.27	3.37	30.39	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 52: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 12	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 9 + 15	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 53: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 12 + 12	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 7 + 18	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 54: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 15	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	9 + 12 + 12	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 55: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 9 + 18	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 12 + 15	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 56: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 18	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	9 + 12 + 15	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

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KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 57: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 12 + 12	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 12 + 18	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 58: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 15 + 15	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 7 + 24	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 59: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 12 + 18	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	9 + 15 + 15	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 60: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 12 + 15	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 9 + 24	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 61: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7 + 15 + 18	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
Four (4) Non-Ducted Indoor Units	7 + 7 + 7 + 7	-4	31.57	1.77	33.53	1.84	35.49	1.90	36.90	1.93	39.41	1.96	41.37	2.00
		0	31.55	1.79	33.51	1.86	35.47	1.92	36.88	1.95	39.39	1.98	41.34	2.02
		5	31.52	1.82	33.48	1.89	35.44	1.96	36.85	1.98	39.35	2.02	41.31	2.06
		10	31.50	1.85	33.45	1.91	35.41	1.98	36.82	2.01	39.32	2.05	41.28	2.09
		14	31.47	1.87	33.43	1.94	35.38	2.01	36.80	2.04	39.29	2.07	41.25	2.12
		20	31.45	1.90	33.40	1.97	35.36	2.04	36.77	2.07	39.26	2.10	41.22	2.15
		25	31.43	1.93	33.38	2.00	35.33	2.07	36.74	2.10	39.23	2.13	41.19	2.18
		30	31.40	1.96	33.35	2.03	35.30	2.10	36.71	2.12	39.20	2.16	41.15	2.21
		35	31.38	1.98	33.33	2.05	35.28	2.13	36.68	2.15	39.17	2.19	41.12	2.24
		40	31.35	2.01	33.30	2.08	35.25	2.16	36.66	2.18	39.14	2.22	41.09	2.27
		45	31.33	2.04	33.28	2.11	35.22	2.19	36.63	2.21	39.11	2.25	41.06	2.30
		50	31.31	2.06	33.25	2.14	35.19	2.22	36.60	2.24	39.08	2.28	41.03	2.33
		55	31.28	2.09	33.23	2.17	35.17	2.25	36.57	2.27	39.05	2.31	41.00	2.36
		60	31.26	2.12	33.20	2.19	35.14	2.27	36.54	2.30	39.02	2.34	40.96	2.39
		65	31.23	2.14	33.17	2.22	35.11	2.30	36.51	2.33	38.99	2.37	40.93	2.42
		70	31.21	2.17	33.15	2.25	35.09	2.33	36.49	2.36	38.96	2.40	40.90	2.45
		75	30.46	2.29	32.39	2.37	34.33	2.46	35.72	2.49	38.19	2.53	40.13	2.58
		80	29.71	2.40	31.64	2.49	33.57	2.58	34.96	2.61	37.42	2.66	39.35	2.72
		85	28.96	2.52	30.89	2.61	32.81	2.71	34.20	2.74	36.66	2.79	38.58	2.85
		90	28.22	2.64	30.14	2.74	32.06	2.84	33.44	2.87	35.90	2.92	37.82	2.98
		95	27.41	2.76	29.32	2.86	31.23	2.96	32.11	3.00	35.05	3.05	36.96	3.11
		100	27.09	2.87	29.03	2.98	30.96	3.09	31.97	3.12	34.84	3.18	36.77	3.24
		105	26.77	2.99	28.73	3.10	30.69	3.21	31.83	3.25	34.62	3.31	36.48	3.37
		110	26.44	3.11	28.43	3.22	30.42	3.34	31.60	3.37	33.71	3.37	34.95	3.37
		115	26.12	3.22	28.14	3.34	29.38	3.37	30.38	3.37	32.27	3.37	33.52	3.37
		118	25.93	3.29	27.63	3.37	28.55	3.37	29.61	3.37	31.46	3.37	32.70	3.37
		122	25.71	3.37	26.79	3.37	27.72	3.37	28.79	3.37	30.57	3.37	31.73	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 62: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7 + 7 + 7 + 9	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 7 + 9 + 9	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	42.98	3.37	43.41	3.37	28.76	3.37	49.10	3.37	50.95	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 63: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7 + 7 + 7 + 12	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 9 + 9 + 9	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 64: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7 + 7 + 9 + 12	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 7 + 7 + 15	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 65: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 9	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 9 + 9 + 12	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 66: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7 + 7 + 9 + 15	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 7 + 12 + 12	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 67: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 12	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 7 + 7 + 18	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 68: KUMXA301A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7 + 9 + 9 + 15	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37
	7 + 9 + 12 + 12	-4	33.51	1.88	35.59	1.95	37.67	2.02	39.17	2.05	41.83	2.08	43.91	2.13
		0	33.49	1.90	35.57	1.97	37.65	2.04	39.15	2.07	41.81	2.11	43.89	2.15
		5	33.46	1.93	35.54	2.00	37.62	2.08	39.12	2.10	41.77	2.14	43.85	2.18
		10	33.43	1.96	35.51	2.03	37.59	2.11	39.09	2.13	41.74	2.17	43.82	2.22
		14	33.41	1.99	35.48	2.06	37.56	2.14	39.06	2.16	41.71	2.20	43.78	2.25
		20	33.38	2.02	35.46	2.09	37.53	2.17	39.03	2.19	41.68	2.24	43.75	2.28
		25	33.36	2.05	35.43	2.12	37.50	2.20	39.00	2.23	41.64	2.27	43.72	2.31
		30	33.33	2.08	35.40	2.15	37.47	2.23	38.97	2.26	41.61	2.30	43.68	2.35
		35	33.31	2.11	35.38	2.18	37.44	2.26	38.94	2.29	41.58	2.33	43.65	2.38
		40	33.28	2.13	35.35	2.21	37.41	2.29	38.91	2.32	41.55	2.36	43.62	2.41
		45	33.26	2.16	35.32	2.24	37.39	2.32	38.88	2.35	41.52	2.39	43.58	2.44
		50	33.23	2.19	35.29	2.27	37.36	2.35	38.85	2.38	41.49	2.43	43.55	2.47
		55	33.20	2.22	35.27	2.30	37.33	2.38	38.82	2.41	41.45	2.46	43.52	2.51
		60	33.18	2.25	35.24	2.33	37.30	2.42	38.79	2.44	41.42	2.49	43.48	2.54
		65	33.15	2.28	35.21	2.36	37.27	2.45	38.76	2.47	41.39	2.52	43.45	2.57
		70	33.13	2.31	35.19	2.39	37.24	2.48	38.73	2.51	41.36	2.55	43.42	2.60
		75	32.33	2.43	34.38	2.52	36.44	2.61	37.92	2.64	40.54	2.69	42.59	2.74
		80	31.53	2.55	33.58	2.65	35.63	2.74	37.11	2.78	39.72	2.83	41.77	2.88
		85	30.74	2.68	32.79	2.78	34.83	2.88	36.30	2.91	38.91	2.97	40.95	3.02
		90	29.95	2.80	31.99	2.91	34.03	3.01	35.50	3.05	38.10	3.10	40.14	3.17
		95	29.10	2.93	31.12	3.03	33.15	3.14	34.08	3.18	37.20	3.24	39.23	3.31
		100	28.75	3.05	30.81	3.16	32.86	3.28	33.93	3.32	36.87	3.37	38.12	3.37
		105	28.41	3.18	30.50	3.29	32.20	3.37	33.00	3.37	35.18	3.37	36.45	3.37
		110	28.07	3.30	29.74	3.37	30.65	3.37	31.58	3.37	33.72	3.37	34.90	3.37
		115	27.32	3.37	28.36	3.37	29.31	3.37	30.34	3.37	32.28	3.37	33.47	3.37
		118	26.50	3.37	27.55	3.37	28.54	3.37	29.62	3.37	31.49	3.37	32.69	3.37
		122	25.70	3.37	26.76	3.37	27.67	3.37	28.76	3.37	30.58	3.37	31.77	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 69: KUMXA301A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	-4	18.01	1.38	19.12	1.43	20.24	1.49	21.05	1.50	22.48	1.53	23.60	1.56
		0	18.00	1.40	19.11	1.45	20.23	1.50	21.04	1.52	22.47	1.55	23.58	1.58
		5	17.98	1.42	19.10	1.47	20.22	1.53	21.02	1.54	22.45	1.57	23.57	1.60
		10	17.97	1.44	19.08	1.49	22.83	1.55	23.06	1.57	22.43	1.60	23.55	1.63
		14	17.95	1.46	19.07	1.52	20.18	1.57	20.99	1.59	22.41	1.62	23.53	1.65
		20	17.94	1.48	19.05	1.54	20.17	1.59	20.97	1.61	22.40	1.64	23.51	1.68
		25	17.93	1.51	19.04	1.56	20.15	1.62	20.96	1.64	22.38	1.67	23.49	1.70
		30	17.91	1.53	19.03	1.58	20.14	1.64	20.94	1.66	22.36	1.69	23.48	1.72
		35	17.90	1.55	19.01	1.60	20.12	1.66	20.93	1.68	22.35	1.71	23.46	1.75
		40	17.89	1.57	19.00	1.63	20.11	1.68	20.91	1.70	22.33	1.74	23.44	1.77
		45	17.87	1.59	18.98	1.65	20.09	1.71	20.89	1.73	22.31	1.76	23.42	1.79
		50	17.86	1.61	18.97	1.67	20.08	1.73	20.88	1.75	22.29	1.78	23.40	1.82
		55	17.84	1.63	18.95	1.69	20.06	1.75	20.86	1.77	22.28	1.81	23.39	1.84
		60	17.83	1.65	18.94	1.71	20.05	1.78	20.85	1.80	22.26	1.83	23.37	1.87
		65	17.82	1.67	18.92	1.73	20.03	1.80	20.83	1.82	22.24	1.85	23.35	1.89
		70	17.80	1.69	18.91	1.76	20.01	1.82	20.81	1.84	22.23	1.88	23.33	1.91
		75	17.38	1.79	18.48	1.85	19.58	1.92	20.38	1.94		1.98	22.89	2.02
		80	16.95	1.88	18.05	1.95	19.15	2.02	19.94	2.04	21.35	2.08	22.45	2.12
		85	16.52	1.97	17.62	2.04	18.72	2.11	19.51	2.14	20.91	2.18	22.01	2.22
		90	16.10	2.06	17.19	2.14	18.29	2.21	19.08	2.24	20.48	2.28	21.57	2.33
		95	15.64	2.15	16.73	2.23	17.82	2.31	18.32	2.34	19.99	2.38	21.08	2.43
		100	15.45	2.24	16.56	2.32	17.66	2.41	18.24	2.44	19.87	2.48	20.98	2.53
		105	15.27	2.33	16.39	2.42	17.51	2.51	18.16	2.54	19.75	2.58	20.87	2.64
		110	15.08	2.43	16.22	2.51	17.36	2.61	18.08	2.64	19.63	2.69	20.76	2.74
		115	14.90	2.52	16.05	2.61	17.20	2.70	18.00	2.74	19.51	2.79	20.66	2.84
		118	14.79	2.57	15.95	2.67	17.11	2.76	17.95	2.79	19.43	2.85	20.59	2.90
		122	14.75	2.65	15.92	2.74	17.08	2.84	17.93	2.87	19.41	2.93	20.57	2.99
	9 + 12	-4	20.03	1.54	21.28	1.59	22.52	1.65	23.42	1.67	25.01	1.70	26.25	1.74
		0	20.02	1.55	21.26	1.61	22.51	1.67	23.41	1.69	24.99	1.72	26.24	1.76
		5	20.00	1.58	21.25	1.64	22.49	1.70	23.39	1.72	24.97	1.75	26.22	1.78
		10	19.99	1.60	21.23	1.66	22.47	1.72	23.37	1.74	24.95	1.77	26.20	1.81
		14	19.97	1.63	21.21	1.69	22.45	1.75	23.35	1.77	24.94	1.80	26.18	1.84
		20	19.96	1.65	21.20	1.71	22.44	1.77	23.33	1.79	24.92	1.83	26.16	1.86
		25	19.94	1.67	21.18	1.73	22.42	1.80	23.31	1.82	24.90	1.85	26.14	1.89
		30	19.93	1.70	21.17	1.76	22.40	1.82	23.30	1.84	24.88	1.88	26.12	1.92
		35	19.91	1.72	21.15	1.78	22.39	1.85	23.28	1.87	24.86	1.90	26.10	1.94
		40	19.90	1.74	21.13	1.81	22.37	1.87	23.26	1.89	24.84	1.93	26.08	1.97
		45	19.88	1.77	21.12	1.83	22.35	1.90	23.24	1.92	24.82	1.96	26.06	2.00
		50	19.87	1.79	21.10	1.86	22.33	1.92	23.23	1.95	24.80	1.98	26.04	2.02
		55	19.85	1.81	21.08	1.88	22.32	1.95	23.21	1.97	24.78	2.01	26.02	2.05
		60	19.84	1.84	21.07	1.90	22.30	1.97	23.19	2.00	24.76	2.03	26.00	2.07
		65	19.82	1.86	21.05	1.93	22.28	2.00	23.17	2.02	24.75	2.06	25.98	2.10
		70	19.81	1.88	21.04	1.95	22.27	2.02	23.15	2.05	24.73	2.09	25.96	2.13
		75	19.33	1.99	20.56	2.06	21.78	2.13	22.67	2.16	24.24	2.20	25.46	2.24
		80	18.85	2.09	20.08	2.16	21.30	2.24	22.18	2.27	23.75	2.31	24.97	2.36
		85	18.38	2.19	19.60	2.27	20.82	2.35	21.70	2.38	23.26	2.42	24.49	2.47
		90	17.91	2.29	19.13	2.37	20.34	2.46	21.22	2.49	22.78	2.54	24.00	2.59
		95	17.40	2.39	18.61	2.48	19.82	2.57	20.38	2.60	22.24	2.65	23.45	2.70
		100	17.19	2.49	18.42	2.58	19.65	2.68	20.29	2.71	22.11	2.76	23.34	2.82
		105	16.99	2.59	18.23	2.69	19.48	2.79	20.20	2.82	21.97	2.87	23.22	2.93
		110	16.78	2.70	18.04	2.79	19.31	2.90	20.11	2.93	21.84	2.99	23.10	3.05
		115	16.58	2.80	17.86	2.90	19.14	3.01	20.02	3.04	21.70	3.10	22.98	3.16
		118	16.45	2.86	17.74	2.96	19.03	3.07	19.97	3.11	21.62	3.17	22.91	3.23
		122	16.41	2.94	17.71	3.05	19.00	3.16	19.95	3.20	21.59	3.26	22.88	3.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 70: KUMXA301A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	-4	22.30	1.71	23.69	1.77	25.07	1.84	26.07	1.86	27.84	1.89	29.23	1.93
		0	22.29	1.73	23.68	1.79	25.06	1.86	26.06	1.88	27.83	1.91	29.21	1.95
		5	22.27	1.76	23.66	1.82	25.04	1.89	26.04	1.91	27.81	1.95	29.19	1.99
		10	22.26	1.78	23.64	1.85	25.02	1.92	26.02	1.94	27.78	1.97	29.17	2.01
		14	22.24	1.81	23.62	1.88	25.00	1.94	26.00	1.97	27.76	2.00	29.14	2.04
		20	22.22	1.84	23.60	1.90	24.98	1.97	25.98	2.00	27.74	2.03	29.12	2.07
		25	22.21	1.86	23.58	1.93	24.96	2.00	25.96	2.02	27.72	2.06	29.10	2.10
		30	22.19	1.89	23.57	1.96	24.94	2.03	25.94	2.05	27.70	2.09	29.08	2.13
		35	22.17	1.91	23.55	1.98	24.93	2.06	25.92	2.08	27.68	2.12	29.06	2.16
		40	22.15	1.94	23.53	2.01	24.91	2.08	25.90	2.11	27.66	2.15	29.03	2.19
		45	22.14	1.97	23.51	2.04	24.89	2.11	25.88	2.14	27.64	2.18	29.01	2.22
		50	22.12	1.99	23.49	2.06	24.87	2.14	25.86	2.16	27.62	2.21	28.99	2.25
		55	22.10	2.02	23.48	2.09	24.85	2.17	25.84	2.19	27.59	2.23	28.97	2.28
		60	22.09	2.04	23.46	2.12	24.83	2.20	25.82	2.22	27.57	2.26	28.94	2.31
		65	22.07	2.07	23.44	2.15	24.81	2.22	25.80	2.25	27.55	2.29	28.92	2.34
		70	22.05	2.10	23.42	2.17	24.79	2.25	25.78	2.28	27.53	2.32	28.90	2.37
		75	21.52	2.21	22.89	2.29	24.25	2.37	25.24	2.40	26.99	2.45	28.35	2.49
		80	20.99	2.32	22.35	2.41	23.72	2.49	24.70	2.52	26.44	2.57	27.81	2.62
		85	20.47	2.44	21.82	2.52	23.18	2.62	24.17	2.65	25.90	2.70	27.26	2.75
		90	19.94	2.55	21.30	2.64	22.65	2.74	23.63	2.77	25.36	2.82	26.72	2.88
		95	19.37	2.66	20.72	2.76	22.07	2.86	22.69	2.89	24.77	2.95	26.11	3.01
		100	19.14	2.77	20.51	2.88	21.88	2.98	22.59	3.01	24.61	3.07	25.98	3.13
		105	18.91	2.89	20.30	2.99	21.69	3.10	22.49	3.14	24.46	3.20	25.85	3.26
		110	18.68	3.00	20.09	3.11	21.50	3.22	22.39	3.26	24.31	3.32	25.72	3.39
		115	18.46	3.11	19.88	3.23	21.31	3.34	22.29	3.38	24.16	3.45	25.30	3.48
		118	18.32	3.18	19.76	3.30	21.19	3.42	22.23	3.46	23.80	3.48	24.73	3.48
		122	18.27	3.27	19.72	3.39	20.92	3.48	21.71	3.48	23.11	3.48	24.03	3.48
	9 + 18	-4	24.87	1.88	26.42	1.95	27.96	2.02	29.08	2.05	31.05	2.09	32.60	2.13
		0	24.86	1.90	26.40	1.97	27.95	2.05	29.06	2.07	31.04	2.11	32.58	2.15
		5	24.84	1.94	26.38	2.01	27.92	2.08	29.04	2.10	31.01	2.14	32.55	2.19
		10	24.82	1.96	26.36	2.04	27.90	2.11	29.02	2.13	30.99	2.17	32.53	2.22
		14	24.80	1.99	26.34	2.07	27.88	2.14	28.99	2.17	30.96	2.21	32.50	2.25
		20	24.78	2.02	26.32	2.09	27.86	2.17	28.97	2.20	30.94	2.24	32.48	2.28
		25	24.76	2.05	26.30	2.12	27.84	2.20	28.95	2.23	30.92	2.27	32.45	2.31
		30	24.74	2.08	26.28	2.15	27.82	2.23	28.93	2.26	30.89	2.30	32.43	2.35
		35	24.73	2.11	26.26	2.18	27.80	2.26	28.91	2.29	30.87	2.33	32.40	2.38
		40	24.71	2.14	26.24	2.21	27.78	2.29	28.88	2.32	30.84	2.36	32.38	2.41
		45	24.69	2.16	26.22	2.24	27.75	2.33	28.86	2.35	30.82	2.40	32.35	2.44
		50	24.67	2.19	26.20	2.27	27.73	2.36	28.84	2.38	30.80	2.43	32.33	2.48
		55	24.65	2.22	26.18	2.30	27.71	2.39	28.82	2.41	30.77	2.46	32.30	2.51
		60	24.63	2.25	26.16	2.33	27.69	2.42	28.80	2.45	30.75	2.49	32.28	2.54
		65	24.61	2.28	26.14	2.36	27.67	2.45	28.77	2.48	30.73	2.52	32.26	2.57
		70	24.59	2.31	26.12	2.39	27.65	2.48	28.75	2.51	30.70	2.55	32.23	2.61
		75	24.00	2.43	25.53	2.52	27.05	2.61	28.15	2.64	30.10	2.69	31.62	2.75
		80	23.41	2.56	24.93	2.65	26.45	2.75	27.55	2.78	29.49	2.83	31.01	2.89
		85	22.82	2.68	24.34	2.78	25.86	2.88	26.95	2.91	28.89	2.97	30.40	3.03
		90	22.24	2.81	23.75	2.91	25.26	3.01	26.35	3.05	28.29	3.11	29.80	3.17
		95	21.60	2.93	23.10	3.04	24.61	3.15	25.30	3.18	27.62	3.24	29.12	3.31
		100	21.35	3.05	22.87	3.17	24.40	3.28	25.19	3.32	27.45	3.38	28.98	3.45
		105	21.09	3.18	22.64	3.29	24.19	3.42	25.08	3.45	26.97	3.48	27.95	3.48
		110	20.84	3.30	22.41	3.42	23.50	3.48	24.20	3.48	25.78	3.48	26.76	3.48
		115	20.58	3.43	21.73	3.48	22.47	3.48	23.19	3.48	24.74	3.48	25.65	3.48
		118	20.31	3.48	21.12	3.48	21.88	3.48	22.64	3.48	24.07	3.48	24.99	3.48
		122	19.70	3.48	20.52	3.48	21.21	3.48	22.05	3.48	23.38	3.48	24.30	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 71: KUMXA301A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 18	-4	29.02	2.06	30.82	2.13	32.63	2.21	33.93	2.24	36.23	2.28	38.03	2.32
		0	29.01	2.08	30.81	2.16	32.61	2.23	33.91	2.26	36.21	2.30	38.01	2.35
		5	28.98	2.11	30.78	2.19	32.58	2.27	33.88	2.30	36.18	2.34	37.98	2.39
		10	28.96	2.14	30.76	2.22	32.56	2.30	33.86	2.33	36.15	2.37	37.95	2.42
		14	28.94	2.18	30.74	2.26	32.53	2.34	33.83	2.36	36.13	2.41	37.92	2.46
		20	28.92	2.21	30.71	2.29	32.51	2.37	33.80	2.40	36.10	2.44	37.90	2.49
		25	28.89	2.24	30.69	2.32	32.48	2.40	33.78	2.43	36.07	2.48	37.87	2.53
		30	28.87	2.27	30.67	2.35	32.46	2.44	33.75	2.47	36.04	2.51	37.84	2.56
		35	28.85	2.30	30.64	2.38	32.43	2.47	33.73	2.50	36.02	2.55	37.81	2.60
		40	28.83	2.33	30.62	2.42	32.41	2.51	33.70	2.53	35.99	2.58	37.78	2.63
		45	28.81	2.36	30.59	2.45	32.38	2.54	33.68	2.57	35.96	2.62	37.75	2.67
		50	28.78	2.39	30.57	2.48	32.36	2.57	33.65	2.60	35.93	2.65	37.72	2.70
		55	28.76	2.43	30.55	2.51	32.33	2.61	33.62	2.64	35.91	2.69	37.69	2.74
		60	28.74	2.46	30.52	2.55	32.31	2.64	33.60	2.67	35.88	2.72	37.66	2.78
		65	28.72	2.49	30.50	2.58	32.28	2.67	33.57	2.70	35.85	2.76	37.64	2.81
		70	28.70	2.52	30.48	2.61	32.26	2.71	33.55	2.74	35.82	2.79	37.61	2.85
		75	28.01	2.66	29.78	2.75	31.56	2.85	32.84	2.89	35.12	2.94	36.89	3.00
		80	27.31	2.79	29.09	2.89	30.86	3.00	32.14	3.03	34.41	3.09	36.18	3.15
		85	26.63	2.93	28.40	3.03	30.17	3.15	31.45	3.18	33.71	3.24	35.47	3.31
		90	25.95	3.06	27.71	3.18	29.47	3.29	30.75	3.33	33.00	3.39	34.77	3.46
		95	25.20	3.20	26.96	3.32	28.71	3.44	29.52	3.48	31.68	3.48	32.76	3.48
		100	24.91	3.34	26.69	3.46	27.67	3.48	28.25	3.48	30.21	3.48	31.21	3.48
		105	24.61	3.47	25.54	3.48	26.33	3.48	27.01	3.48	28.85	3.48	29.86	3.48
		110	23.43	3.48	24.32	3.48	25.09	3.48	25.86	3.48	27.60	3.48	28.61	3.48
		115	22.35	3.48	23.20	3.48	24.01	3.48	24.80	3.48	26.43	3.48	27.39	3.48
		118	21.72	3.48	22.59	3.48	23.35	3.48	24.20	3.48	25.77	3.48	26.74	3.48
		122	21.06	3.48	21.88	3.48	22.65	3.48	23.55	3.48	25.02	3.48	25.98	3.48
	18* + 18*	-4	29.02	2.06	30.82	2.13	32.63	2.21	33.93	2.24	36.23	2.28	38.03	2.32
		0	29.01	2.08	30.81	2.16	32.61	2.23	33.91	2.26	36.21	2.30	38.01	2.35
		5	28.98	2.11	30.78	2.19	32.58	2.27	33.88	2.30	36.18	2.34	37.98	2.39
		10	28.96	2.14	30.76	2.22	32.56	2.30	33.86	2.33	36.15	2.37	37.95	2.42
		14	28.94	2.18	30.74	2.26	32.53	2.34	33.83	2.36	36.13	2.41	37.92	2.46
		20	28.92	2.21	30.71	2.29	32.51	2.37	33.80	2.40	36.10	2.44	37.90	2.49
		25	28.89	2.24	30.69	2.32	32.48	2.40	33.78	2.43	36.07	2.48	37.87	2.53
		30	28.87	2.27	30.67	2.35	32.46	2.44	33.75	2.47	36.04	2.51	37.84	2.56
		35	28.85	2.30	30.64	2.38	32.43	2.47	33.73	2.50	36.02	2.55	37.81	2.60
		40	28.83	2.33	30.62	2.42	32.41	2.51	33.70	2.53	35.99	2.58	37.78	2.63
		45	28.81	2.36	30.59	2.45	32.38	2.54	33.68	2.57	35.96	2.62	37.75	2.67
		50	28.78	2.39	30.57	2.48	32.36	2.57	33.65	2.60	35.93	2.65	37.72	2.70
		55	28.76	2.43	30.55	2.51	32.33	2.61	33.62	2.64	35.91	2.69	37.69	2.74
		60	28.74	2.46	30.52	2.55	32.31	2.64	33.60	2.67	35.88	2.72	37.66	2.78
		65	28.72	2.49	30.50	2.58	32.28	2.67	33.57	2.70	35.85	2.76	37.64	2.81
		70	28.70	2.52	30.48	2.61	32.26	2.71	33.55	2.74	35.82	2.79	37.61	2.85
		75	28.01	2.66	29.78	2.75	31.56	2.85	32.84	2.89	35.12	2.94	36.89	3.00
		80	27.31	2.79	29.09	2.89	30.86	3.00	32.14	3.03	34.41	3.09	36.18	3.15
		85	26.63	2.93	28.40	3.03	30.17	3.15	31.45	3.18	33.71	3.24	35.47	3.31
		90	25.95	3.06	27.71	3.18	29.47	3.29	30.75	3.33	33.00	3.39	34.77	3.46
		95	25.20	3.20	26.96	3.32	28.71	3.44	29.52	3.48	31.68	3.48	32.76	3.48
		100	24.91	3.34	26.69	3.46	27.67	3.48	28.25	3.48	30.21	3.48	31.21	3.48
		105	24.61	3.47	25.54	3.48	26.33	3.48	27.01	3.48	28.85	3.48	29.86	3.48
		110	23.43	3.48	24.32	3.48	25.09	3.48	25.86	3.48	27.60	3.48	28.61	3.48
		115	22.35	3.48	23.20	3.48	24.01	3.48	24.80	3.48	26.43	3.48	27.39	3.48
		118	21.72	3.48	22.59	3.48	23.35	3.48	24.20	3.48	25.77	3.48	26.74	3.48
		122	21.06	3.48	21.88	3.48	22.65	3.48	23.55	3.48	25.02	3.48	25.98	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 72: KUMXA301A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 9	-4	24.87	1.74	26.42	1.80	27.96	1.87	29.08	1.89	31.05	1.92	32.60	1.96
		0	24.86	1.76	26.40	1.82	27.95	1.89	29.06	1.91	31.04	1.94	32.58	1.98
		5	24.84	1.78	26.38	1.85	27.92	1.92	29.04	1.94	31.01	1.97	32.55	2.01
		10	24.82	1.81	26.36	1.88	27.90	1.94	29.02	1.97	30.99	2.00	32.53	2.04
		14	24.80	1.84	26.34	1.90	27.88	1.97	28.99	2.00	30.96	2.03	32.50	2.07
		20	24.78	1.86	26.32	1.93	27.86	2.00	28.97	2.02	30.94	2.06	32.48	2.10
		25	24.76	1.89	26.30	1.96	27.84	2.03	28.95	2.05	30.92	2.09	32.45	2.13
		30	24.74	1.92	26.28	1.99	27.82	2.06	28.93	2.08	30.89	2.12	32.43	2.16
		35	24.73	1.94	26.26	2.01	27.80	2.09	28.91	2.11	30.87	2.15	32.40	2.19
		40	24.71	1.97	26.24	2.04	27.78	2.12	28.88	2.14	30.84	2.18	32.38	2.22
		45	24.69	2.00	26.22	2.07	27.75	2.14	28.86	2.17	30.82	2.21	32.35	2.25
		50	24.67	2.02	26.20	2.10	27.73	2.17	28.84	2.20	30.80	2.24	32.33	2.28
		55	24.65	2.05	26.18	2.12	27.71	2.20	28.82	2.23	30.77	2.27	32.30	2.31
		60	24.63	2.07	26.16	2.15	27.69	2.23	28.80	2.25	30.75	2.30	32.28	2.34
		65	24.61	2.10	26.14	2.18	27.67	2.26	28.77	2.28	30.73	2.33	32.26	2.37
		70	24.59	2.13	26.12	2.20	27.65	2.29	28.75	2.31	30.70	2.35	32.23	2.40
		75	24.00	2.24	25.53	2.32	27.05	2.41	28.15	2.44	30.10	2.48	31.62	2.53
		80	23.41	2.36	24.93	2.44	26.45	2.53	27.55	2.56	29.49	2.61	31.01	2.66
		85	22.82	2.47	24.34	2.56	25.86	2.66	26.95	2.69	28.89	2.74	30.40	2.79
		90	22.24	2.59	23.75	2.68	25.26	2.78	26.35	2.81	28.29	2.86	29.80	2.92
		95	21.60	2.70	23.10	2.80	24.61	2.90	25.30	2.94	27.62	2.99	29.12	3.05
		100	21.35	2.82	22.87	2.92	24.40	3.02	25.19	3.06	27.45	3.12	28.98	3.18
		105	21.09	2.93	22.64	3.04	24.19	3.15	25.08	3.18	27.28	3.24	28.83	3.31
		110	20.84	3.05	22.41	3.16	23.97	3.27	24.97	3.31	27.11	3.37	28.68	3.44
		115	20.58	3.16	22.17	3.28	23.76	3.39	24.86	3.43	26.79	3.48	27.81	3.48
		118	20.43	3.23	22.03	3.35	23.64	3.47	24.58	3.48	26.16	3.48	27.12	3.48
		122	20.38	3.32	21.99	3.44	23.00	3.48	23.88	3.48	25.35	3.48	26.37	3.48
	9 + 9 + 12	-4	29.02	1.94	30.82	2.01	32.63	2.08	33.93	2.11	36.23	2.15	38.03	2.19
		0	29.01	1.96	30.81	2.03	32.61	2.11	33.91	2.13	36.21	2.17	38.01	2.22
		5	28.98	1.99	30.78	2.07	32.58	2.14	33.88	2.17	36.18	2.21	37.98	2.25
		10	28.96	2.02	30.76	2.10	32.56	2.17	33.86	2.20	36.15	2.24	37.95	2.28
		14	28.94	2.05	30.74	2.13	32.53	2.21	33.83	2.23	36.13	2.27	37.92	2.32
		20	28.92	2.08	30.71	2.16	32.51	2.24	33.80	2.26	36.10	2.31	37.90	2.35
		25	28.89	2.11	30.69	2.19	32.48	2.27	33.78	2.29	36.07	2.34	37.87	2.38
		30	28.87	2.14	30.67	2.22	32.46	2.30	33.75	2.33	36.04	2.37	37.84	2.42
		35	28.85	2.17	30.64	2.25	32.43	2.33	33.73	2.36	36.02	2.40	37.81	2.45
		40	28.83	2.20	30.62	2.28	32.41	2.36	33.70	2.39	35.99	2.44	37.78	2.48
		45	28.81	2.23	30.59	2.31	32.38	2.40	33.68	2.42	35.96	2.47	37.75	2.52
		50	28.78	2.26	30.57	2.34	32.36	2.43	33.65	2.45	35.93	2.50	37.72	2.55
		55	28.76	2.29	30.55	2.37	32.33	2.46	33.62	2.49	35.91	2.53	37.69	2.58
		60	28.74	2.32	30.52	2.40	32.31	2.49	33.60	2.52	35.88	2.57	37.66	2.62
		65	28.72	2.35	30.50	2.43	32.28	2.52	33.57	2.55	35.85	2.60	37.64	2.65
		70	28.70	2.38	30.48	2.46	32.26	2.55	33.55	2.58	35.82	2.63	37.61	2.68
		75	28.01	2.51	29.78	2.60	31.56	2.69	32.84	2.72	35.12	2.77	36.89	2.83
		80	27.31	2.63	29.09	2.73	30.86	2.83	32.14	2.86	34.41	2.92	36.18	2.97
		85	26.63	2.76	28.40	2.86	30.17	2.97	31.45	3.00	33.71	3.06	35.47	3.12
		90	25.95	2.89	27.71	3.00	29.47	3.10	30.75	3.14	33.00	3.20	34.77	3.26
		95	25.20	3.02	26.96	3.13	28.71	3.24	29.52	3.28	32.23	3.34	33.98	3.41
		100	24.91	3.15	26.69	3.26	28.47	3.38	29.39	3.42	32.03	3.48	33.14	3.48
		105	24.61	3.27	26.42	3.39	27.90	3.48	28.60	3.48	30.51	3.48	31.64	3.48
		110	24.31	3.40	25.77	3.48	26.59	3.48	27.40	3.48	29.21	3.48	30.32	3.48
		115	23.68	3.48	24.60	3.48	25.46	3.48	26.29	3.48	27.98	3.48	29.03	3.48
		118	22.98	3.48	23.92	3.48	24.74	3.48	25.68	3.48	27.32	3.48	28.38	3.48
		122	22.31	3.48	23.18	3.48	24.01	3.48	24.96	3.48	26.49	3.48	27.53	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 73: KUMXA301A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 12 + 12*	-4	29.02	1.94	30.82	2.01	32.63	2.08	33.93	2.11	36.23	2.15	38.03	2.19
		0	29.01	1.96	30.81	2.03	32.61	2.11	33.91	2.13	36.21	2.17	38.01	2.22
		5	28.98	1.99	30.78	2.07	32.58	2.14	33.88	2.17	36.18	2.21	37.98	2.25
		10	28.96	2.02	30.76	2.10	32.56	2.17	33.86	2.20	36.15	2.24	37.95	2.28
		14	28.94	2.05	30.74	2.13	32.53	2.21	33.83	2.23	36.13	2.27	37.92	2.32
		20	28.92	2.08	30.71	2.16	32.51	2.24	33.80	2.26	36.10	2.31	37.90	2.35
		25	28.89	2.11	30.69	2.19	32.48	2.27	33.78	2.29	36.07	2.34	37.87	2.38
		30	28.87	2.14	30.67	2.22	32.46	2.30	33.75	2.33	36.04	2.37	37.84	2.42
		35	28.85	2.17	30.64	2.25	32.43	2.33	33.73	2.36	36.02	2.40	37.81	2.45
		40	28.83	2.20	30.62	2.28	32.41	2.36	33.70	2.39	35.99	2.44	37.78	2.48
		45	28.81	2.23	30.59	2.31	32.38	2.40	33.68	2.42	35.96	2.47	37.75	2.52
		50	28.78	2.26	30.57	2.34	32.36	2.43	33.65	2.45	35.93	2.50	37.72	2.55
		55	28.76	2.29	30.55	2.37	32.33	2.46	33.62	2.49	35.91	2.53	37.69	2.58
		60	28.74	2.32	30.52	2.40	32.31	2.49	33.60	2.52	35.88	2.57	37.66	2.62
		65	28.72	2.35	30.50	2.43	32.28	2.52	33.57	2.55	35.85	2.60	37.64	2.65
		70	28.70	2.38	30.48	2.46	32.26	2.55	33.55	2.58	35.82	2.63	37.61	2.68
		75	28.01	2.51	29.78	2.60	31.56	2.69	32.84	2.72	35.12	2.77	36.89	2.83
		80	27.31	2.63	29.09	2.73	30.86	2.83	32.14	2.86	34.41	2.92	36.18	2.97
		85	26.63	2.76	28.40	2.86	30.17	2.97	31.45	3.00	33.71	3.06	35.47	3.12
		90	25.95	2.89	27.71	3.00	29.47	3.10	30.75	3.14	33.00	3.20	34.77	3.26
		95	25.20	3.02	26.96	3.13	28.71	3.24	29.52	3.28	32.23	3.34	33.98	3.41
		100	24.91	3.15	26.69	3.26	28.47	3.38	29.39	3.42	32.03	3.48	33.14	3.48
		105	24.61	3.27	26.42	3.39	27.90	3.48	28.60	3.48	30.51	3.48	31.64	3.48
		110	24.31	3.40	25.77	3.48	26.59	3.48	27.40	3.48	29.21	3.48	30.32	3.48
		115	23.68	3.48	24.60	3.48	25.46	3.48	26.29	3.48	27.98	3.48	29.03	3.48
		118	22.98	3.48	23.92	3.48	24.74	3.48	25.68	3.48	27.32	3.48	28.38	3.48
		122	22.31	3.48	23.18	3.48	24.01	3.48	24.96	3.48	26.49	3.48	27.53	3.48
	9 + 9* + 18*	-4	29.02	1.94	30.82	2.01	32.63	2.08	33.93	2.11	36.23	2.15	38.03	2.19
		0	29.01	1.96	30.81	2.03	32.61	2.11	33.91	2.13	36.21	2.17	38.01	2.22
		5	28.98	1.99	30.78	2.07	32.58	2.14	33.88	2.17	36.18	2.21	37.98	2.25
		10	28.96	2.02	30.76	2.10	32.56	2.17	33.86	2.20	36.15	2.24	37.95	2.28
		14	28.94	2.05	30.74	2.13	32.53	2.21	33.83	2.23	36.13	2.27	37.92	2.32
		20	28.92	2.08	30.71	2.16	32.51	2.24	33.80	2.26	36.10	2.31	37.90	2.35
		25	28.89	2.11	30.69	2.19	32.48	2.27	33.78	2.29	36.07	2.34	37.87	2.38
		30	28.87	2.14	30.67	2.22	32.46	2.30	33.75	2.33	36.04	2.37	37.84	2.42
		35	28.85	2.17	30.64	2.25	32.43	2.33	33.73	2.36	36.02	2.40	37.81	2.45
		40	28.83	2.20	30.62	2.28	32.41	2.36	33.70	2.39	35.99	2.44	37.78	2.48
		45	28.81	2.23	30.59	2.31	32.38	2.40	33.68	2.42	35.96	2.47	37.75	2.52
		50	28.78	2.26	30.57	2.34	32.36	2.43	33.65	2.45	35.93	2.50	37.72	2.55
		55	28.76	2.29	30.55	2.37	32.33	2.46	33.62	2.49	35.91	2.53	37.69	2.58
		60	28.74	2.32	30.52	2.40	32.31	2.49	33.60	2.52	35.88	2.57	37.66	2.62
		65	28.72	2.35	30.50	2.43	32.28	2.52	33.57	2.55	35.85	2.60	37.64	2.65
		70	28.70	2.38	30.48	2.46	32.26	2.55	33.55	2.58	35.82	2.63	37.61	2.68
		75	28.01	2.51	29.78	2.60	31.56	2.69	32.84	2.72	35.12	2.77	36.89	2.83
		80	27.31	2.63	29.09	2.73	30.86	2.83	32.14	2.86	34.41	2.92	36.18	2.97
		85	26.63	2.76	28.40	2.86	30.17	2.97	31.45	3.00	33.71	3.06	35.47	3.12
		90	25.95	2.89	27.71	3.00	29.47	3.10	30.75	3.14	33.00	3.20	34.77	3.26
		95	25.20	3.02	26.96	3.13	28.71	3.24	29.52	3.28	32.23	3.34	33.98	3.41
		100	24.91	3.15	26.69	3.26	28.47	3.38	29.39	3.42	32.03	3.48	33.14	3.48
		105	24.61	3.27	26.42	3.39	27.90	3.48	28.60	3.48	30.51	3.48	31.64	3.48
		110	24.31	3.40	25.77	3.48	26.59	3.48	27.40	3.48	29.21	3.48	30.32	3.48
		115	23.68	3.48	24.60	3.48	25.46	3.48	26.29	3.48	27.98	3.48	29.03	3.48
		118	22.98	3.48	23.92	3.48	24.74	3.48	25.68	3.48	27.32	3.48	28.38	3.48
		122	22.31	3.48	23.18	3.48	24.01	3.48	24.96	3.48	26.49	3.48	27.53	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 74: KUMXA301A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 12* + 12*	-4	29.02	1.94	30.82	2.01	32.63	2.08	33.93	2.11	36.23	2.15	38.03	2.19
		0	29.01	1.96	30.81	2.03	32.61	2.11	33.91	2.13	36.21	2.17	38.01	2.22
		5	28.98	1.99	30.78	2.07	32.58	2.14	33.88	2.17	36.18	2.21	37.98	2.25
		10	28.96	2.02	30.76	2.10	32.56	2.17	33.86	2.20	36.15	2.24	37.95	2.28
		14	28.94	2.05	30.74	2.13	32.53	2.21	33.83	2.23	36.13	2.27	37.92	2.32
		20	28.92	2.08	30.71	2.16	32.51	2.24	33.80	2.26	36.10	2.31	37.90	2.35
		25	28.89	2.11	30.69	2.19	32.48	2.27	33.78	2.29	36.07	2.34	37.87	2.38
		30	28.87	2.14	30.67	2.22	32.46	2.30	33.75	2.33	36.04	2.37	37.84	2.42
		35	28.85	2.17	30.64	2.25	32.43	2.33	33.73	2.36	36.02	2.40	37.81	2.45
		40	28.83	2.20	30.62	2.28	32.41	2.36	33.70	2.39	35.99	2.44	37.78	2.48
		45	28.81	2.23	30.59	2.31	32.38	2.40	33.68	2.42	35.96	2.47	37.75	2.52
		50	28.78	2.26	30.57	2.34	32.36	2.43	33.65	2.45	35.93	2.50	37.72	2.55
		55	28.76	2.29	30.55	2.37	32.33	2.46	33.62	2.49	35.91	2.53	37.69	2.58
		60	28.74	2.32	30.52	2.40	32.31	2.49	33.60	2.52	35.88	2.57	37.66	2.62
		65	28.72	2.35	30.50	2.43	32.28	2.52	33.57	2.55	35.85	2.60	37.64	2.65
		70	28.70	2.38	30.48	2.46	32.26	2.55	33.55	2.58	35.82	2.63	37.61	2.68
		75	28.01	2.51	29.78	2.60	31.56	2.69	32.84	2.72	35.12	2.77	36.89	2.83
		80	27.31	2.63	29.09	2.73	30.86	2.83	32.14	2.86	34.41	2.92	36.18	2.97
		85	26.63	2.76	28.40	2.86	30.17	2.97	31.45	3.00	33.71	3.06	35.47	3.12
		90	25.95	2.89	27.71	3.00	29.47	3.10	30.75	3.14	33.00	3.20	34.77	3.26
		95	25.20	3.02	26.96	3.13	28.71	3.24	29.52	3.28	32.23	3.34	33.98	3.41
		100	24.91	3.15	26.69	3.26	28.47	3.38	29.39	3.42	32.03	3.48	33.14	3.48
		105	24.61	3.27	26.42	3.39	27.90	3.48	28.60	3.48	30.51	3.48	31.64	3.48
		110	24.31	3.40	25.77	3.48	26.59	3.48	27.40	3.48	29.21	3.48	30.32	3.48
		115	23.68	3.48	24.60	3.48	25.46	3.48	26.29	3.48	27.98	3.48	29.03	3.48
		118	22.98	3.48	23.92	3.48	24.74	3.48	25.68	3.48	27.32	3.48	28.38	3.48
		122	22.31	3.48	23.18	3.48	24.01	3.48	24.96	3.48	26.49	3.48	27.53	3.48
	9* + 12* + 18*	-4	29.02	1.94	30.82	2.01	32.63	2.08	33.93	2.11	36.23	2.15	38.03	2.19
		0	29.01	1.96	30.81	2.03	32.61	2.11	33.91	2.13	36.21	2.17	38.01	2.22
		5	28.98	1.99	30.78	2.07	32.58	2.14	33.88	2.17	36.18	2.21	37.98	2.25
		10	28.96	2.02	30.76	2.10	32.56	2.17	33.86	2.20	36.15	2.24	37.95	2.28
		14	28.94	2.05	30.74	2.13	32.53	2.21	33.83	2.23	36.13	2.27	37.92	2.32
		20	28.92	2.08	30.71	2.16	32.51	2.24	33.80	2.26	36.10	2.31	37.90	2.35
		25	28.89	2.11	30.69	2.19	32.48	2.27	33.78	2.29	36.07	2.34	37.87	2.38
		30	28.87	2.14	30.67	2.22	32.46	2.30	33.75	2.33	36.04	2.37	37.84	2.42
		35	28.85	2.17	30.64	2.25	32.43	2.33	33.73	2.36	36.02	2.40	37.81	2.45
		40	28.83	2.20	30.62	2.28	32.41	2.36	33.70	2.39	35.99	2.44	37.78	2.48
		45	28.81	2.23	30.59	2.31	32.38	2.40	33.68	2.42	35.96	2.47	37.75	2.52
		50	28.78	2.26	30.57	2.34	32.36	2.43	33.65	2.45	35.93	2.50	37.72	2.55
		55	28.76	2.29	30.55	2.37	32.33	2.46	33.62	2.49	35.91	2.53	37.69	2.58
		60	28.74	2.32	30.52	2.40	32.31	2.49	33.60	2.52	35.88	2.57	37.66	2.62
		65	28.72	2.35	30.50	2.43	32.28	2.52	33.57	2.55	35.85	2.60	37.64	2.65
		70	28.70	2.38	30.48	2.46	32.26	2.55	33.55	2.58	35.82	2.63	37.61	2.68
		75	28.01	2.51	29.78	2.60	31.56	2.69	32.84	2.72	35.12	2.77	36.89	2.83
		80	27.31	2.63	29.09	2.73	30.86	2.83	32.14	2.86	34.41	2.92	36.18	2.97
		85	26.63	2.76	28.40	2.86	30.17	2.97	31.45	3.00	33.71	3.06	35.47	3.12
		90	25.95	2.89	27.71	3.00	29.47	3.10	30.75	3.14	33.00	3.20	34.77	3.26
		95	25.20	3.02	26.96	3.13	28.71	3.24	29.52	3.28	32.23	3.34	33.98	3.41
		100	24.91	3.15	26.69	3.26	28.47	3.38	29.39	3.42	32.03	3.48	33.14	3.48
		105	24.61	3.27	26.42	3.39	27.90	3.48	28.60	3.48	30.51	3.48	31.64	3.48
		110	24.31	3.40	25.77	3.48	26.59	3.48	27.40	3.48	29.21	3.48	30.32	3.48
		115	23.68	3.48	24.60	3.48	25.46	3.48	26.29	3.48	27.98	3.48	29.03	3.48
		118	22.98	3.48	23.92	3.48	24.74	3.48	25.68	3.48	27.32	3.48	28.38	3.48
		122	22.31	3.48	23.18	3.48	24.01	3.48	24.96	3.48	26.49	3.48	27.53	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 75: KUMXA301A Maximum Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 9* + 9* + 9*	-4	29.02	1.94	30.82	2.01	32.63	2.08	33.93	2.11	36.23	2.15	38.03	2.19
		0	29.01	1.96	30.81	2.03	32.61	2.11	33.91	2.13	36.21	2.17	38.01	2.22
		5	28.98	1.99	30.78	2.07	32.58	2.14	33.88	2.17	36.18	2.21	37.98	2.25
		10	28.96	2.02	30.76	2.10	32.56	2.17	33.86	2.20	36.15	2.24	37.95	2.28
		14	28.94	2.05	30.74	2.13	32.53	2.21	33.83	2.23	36.13	2.27	37.92	2.32
		20	28.92	2.08	30.71	2.16	32.51	2.24	33.80	2.26	36.10	2.31	37.90	2.35
		25	28.89	2.11	30.69	2.19	32.48	2.27	33.78	2.29	36.07	2.34	37.87	2.38
		30	28.87	2.14	30.67	2.22	32.46	2.30	33.75	2.33	36.04	2.37	37.84	2.42
		35	28.85	2.17	30.64	2.25	32.43	2.33	33.73	2.36	36.02	2.40	37.81	2.45
		40	28.83	2.20	30.62	2.28	32.41	2.36	33.70	2.39	35.99	2.44	37.78	2.48
		45	28.81	2.23	30.59	2.31	32.38	2.40	33.68	2.42	35.96	2.47	37.75	2.52
		50	28.78	2.26	30.57	2.34	32.36	2.43	33.65	2.45	35.93	2.50	37.72	2.55
		55	28.76	2.29	30.55	2.37	32.33	2.46	33.62	2.49	35.91	2.53	37.69	2.58
		60	28.74	2.32	30.52	2.40	32.31	2.49	33.60	2.52	35.88	2.57	37.66	2.62
		65	28.72	2.35	30.50	2.43	32.28	2.52	33.57	2.55	35.85	2.60	37.64	2.65
		70	28.70	2.38	30.48	2.46	32.26	2.55	33.55	2.58	35.82	2.63	37.61	2.68
		75	28.01	2.51	29.78	2.60	31.56	2.69	32.84	2.72	35.12	2.77	36.89	2.83
		80	27.31	2.63	29.09	2.73	30.86	2.83	32.14	2.86	34.41	2.92	36.18	2.97
		85	26.63	2.76	28.40	2.86	30.17	2.97	31.45	3.00	33.71	3.06	35.47	3.12
		90	25.95	2.89	27.71	3.00	29.47	3.10	30.75	3.14	33.00	3.20	34.77	3.26
		95	25.20	3.02	26.96	3.13	28.71	3.24	29.52	3.28	32.23	3.34	33.98	3.41
		100	24.91	3.15	26.69	3.26	28.47	3.38	29.39	3.42	32.03	3.48	33.14	3.48
		105	24.61	3.27	26.42	3.39	27.90	3.48	28.60	3.48	30.51	3.48	31.64	3.48
		110	24.31	3.40	25.77	3.48	26.59	3.48	27.40	3.48	29.21	3.48	30.32	3.48
		115	23.68	3.48	24.60	3.48	25.46	3.48	26.29	3.48	27.98	3.48	29.03	3.48
		118	22.98	3.48	23.92	3.48	24.74	3.48	25.68	3.48	27.32	3.48	28.38	3.48
		122	22.31	3.48	23.18	3.48	24.01	3.48	24.96	3.48	26.49	3.48	27.53	3.48
	9* + 9* + 9* + 12*	-4	29.02	1.94	30.82	2.01	32.63	2.08	33.93	2.11	36.23	2.15	38.03	2.19
		0	29.01	1.96	30.81	2.03	32.61	2.11	33.91	2.13	36.21	2.17	38.01	2.22
		5	28.98	1.99	30.78	2.07	32.58	2.14	33.88	2.17	36.18	2.21	37.98	2.25
		10	28.96	2.02	30.76	2.10	32.56	2.17	33.86	2.20	36.15	2.24	37.95	2.28
		14	28.94	2.05	30.74	2.13	32.53	2.21	33.83	2.23	36.13	2.27	37.92	2.32
		20	28.92	2.08	30.71	2.16	32.51	2.24	33.80	2.26	36.10	2.31	37.90	2.35
		25	28.89	2.11	30.69	2.19	32.48	2.27	33.78	2.29	36.07	2.34	37.87	2.38
		30	28.87	2.14	30.67	2.22	32.46	2.30	33.75	2.33	36.04	2.37	37.84	2.42
		35	28.85	2.17	30.64	2.25	32.43	2.33	33.73	2.36	36.02	2.40	37.81	2.45
		40	28.83	2.20	30.62	2.28	32.41	2.36	33.70	2.39	35.99	2.44	37.78	2.48
		45	28.81	2.23	30.59	2.31	32.38	2.40	33.68	2.42	35.96	2.47	37.75	2.52
		50	28.78	2.26	30.57	2.34	32.36	2.43	33.65	2.45	35.93	2.50	37.72	2.55
		55	28.76	2.29	30.55	2.37	32.33	2.46	33.62	2.49	35.91	2.53	37.69	2.58
		60	28.74	2.32	30.52	2.40	32.31	2.49	33.60	2.52	35.88	2.57	37.66	2.62
		65	28.72	2.35	30.50	2.43	32.28	2.52	33.57	2.55	35.85	2.60	37.64	2.65
		70	28.70	2.38	30.48	2.46	32.26	2.55	33.55	2.58	35.82	2.63	37.61	2.68
		75	28.01	2.51	29.78	2.60	31.56	2.69	32.84	2.72	35.12	2.77	36.89	2.83
		80	27.31	2.63	29.09	2.73	30.86	2.83	32.14	2.86	34.41	2.92	36.18	2.97
		85	26.63	2.76	28.40	2.86	30.17	2.97	31.45	3.00	33.71	3.06	35.47	3.12
		90	25.95	2.89	27.71	3.00	29.47	3.10	30.75	3.14	33.00	3.20	34.77	3.26
		95	25.20	3.02	26.96	3.13	28.71	3.24	29.52	3.28	32.23	3.34	33.98	3.41
		100	24.91	3.15	26.69	3.26	28.47	3.38	29.39	3.42	32.03	3.48	33.14	3.48
		105	24.61	3.27	26.42	3.39	27.90	3.48	28.60	3.48	30.51	3.48	31.64	3.48
		110	24.31	3.40	25.77	3.48	26.59	3.48	27.40	3.48	29.21	3.48	30.32	3.48
		115	23.68	3.48	24.60	3.48	25.46	3.48	26.29	3.48	27.98	3.48	29.03	3.48
		118	22.98	3.48	23.92	3.48	24.74	3.48	25.68	3.48	27.32	3.48	28.38	3.48
		122	22.31	3.48	23.18	3.48	24.01	3.48	24.96	3.48	26.49	3.48	27.53	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 76: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 9	-4	18.58	1.22	19.74	1.27	20.89	1.31	21.72	1.33	23.20	1.35	24.35	1.38
		0	18.57	1.24	19.72	1.28	20.88	1.33	21.71	1.34	23.18	1.37	24.34	1.40
		5	18.56	1.26	19.71	1.30	20.86	1.35	21.69	1.37	23.17	1.39	24.32	1.42
		10	18.54	1.28	19.69	1.32	22.83	1.37	23.06	1.39	23.15	1.41	24.30	1.44
		14	18.53	1.29	19.68	1.34	20.83	1.39	21.66	1.41	23.13	1.43	24.28	1.46
		20	18.51	1.31	19.66	1.36	20.81	1.41	21.64	1.43	23.11	1.45	24.26	1.48
		25	18.50	1.33	19.65	1.38	20.80	1.43	21.63	1.45	23.09	1.47	24.24	1.50
		30	18.49	1.35	19.63	1.40	20.78	1.45	21.61	1.47	23.08	1.49	24.23	1.52
		35	18.47	1.37	19.62	1.42	20.77	1.47	21.59	1.49	23.06	1.52	24.21	1.55
		40	18.46	1.39	19.60	1.44	20.75	1.49	21.58	1.51	23.04	1.54	24.19	1.57
		45	18.44	1.41	19.59	1.46	20.73	1.51	21.56	1.53	23.02	1.56	24.17	1.59
		50	18.43	1.42	19.57	1.48	20.72	1.53	21.54	1.55	23.01	1.58	24.15	1.61
		55	18.41	1.44	19.56	1.50	20.70	1.55	21.53	1.57	22.99	1.60	24.13	1.63
		60	18.40	1.46	19.54	1.51	20.69	1.57	21.51	1.59	22.97	1.62	24.11	1.65
		65	18.39	1.48	19.53	1.53	20.67	1.59	21.49	1.61	22.95	1.64	24.10	1.67
		70	18.37	1.50	19.51	1.55	20.65	1.61	21.48	1.63	22.94	1.66	24.08	1.69
		75	17.93	1.58	19.07	1.64	20.21	1.70	21.03	1.72	22.48	1.75	23.62	1.78
		80	17.49	1.66	18.62	1.72	19.76	1.78	20.58	1.80	22.03	1.84	23.16	1.88
		85	17.05	1.74	18.18	1.80	19.31	1.87	20.13	1.89	21.58	1.93	22.71	1.97
		90	16.61	1.82	17.74	1.89	18.87	1.96	19.69	1.98	21.13	2.02	22.26	2.06
		95	16.14	1.90	17.26	1.97	18.38	2.04	18.90	2.07	20.63	2.11	21.76	2.15
		100	15.95	1.98	17.09	2.06	18.23	2.13	18.82	2.16	20.51	2.20	21.65	2.24
		105	15.76	2.06	16.91	2.14	18.07	2.22	18.74	2.24	20.38	2.29	21.54	2.33
		110	15.57	2.15	16.74	2.22	17.91	2.31	18.65	2.33	20.25	2.38	21.43	2.42
		115	15.38	2.23	16.56	2.31	17.75	2.39	18.57	2.42	20.13	2.46	21.32	2.51
		118	15.26	2.27	16.46	2.36	17.66	2.44	18.52	2.47	20.05	2.52	21.25	2.57
		122	15.22	2.34	16.43	2.42	17.62	2.51	18.51	2.54	20.03	2.59	21.23	2.64
	9 + 9	-4	18.83	1.36	19.99	1.41	21.16	1.46	22.01	1.48	23.50	1.51	24.67	1.54
		0	18.81	1.38	19.98	1.43	21.15	1.48	22.00	1.49	23.49	1.52	24.66	1.55
		5	18.80	1.40	19.97	1.45	21.13	1.50	21.98	1.52	23.47	1.55	24.64	1.58
		10	18.79	1.42	19.95	1.47	21.12	1.52	21.96	1.54	23.45	1.57	24.62	1.60
		14	18.77	1.44	19.94	1.49	21.10	1.55	21.94	1.56	23.43	1.59	24.60	1.62
		20	18.76	1.46	19.92	1.51	21.09	1.57	21.93	1.59	23.42	1.62	24.58	1.65
		25	18.74	1.48	19.91	1.53	21.07	1.59	21.91	1.61	23.40	1.64	24.56	1.67
		30	18.73	1.50	19.89	1.56	21.05	1.61	21.89	1.63	23.38	1.66	24.54	1.69
		35	18.71	1.52	19.88	1.58	21.04	1.63	21.88	1.65	23.36	1.68	24.52	1.72
		40	18.70	1.54	19.86	1.60	21.02	1.66	21.86	1.68	23.34	1.71	24.51	1.74
		45	18.68	1.56	19.85	1.62	21.01	1.68	21.84	1.70	23.33	1.73	24.49	1.76
		50	18.67	1.58	19.83	1.64	20.99	1.70	21.83	1.72	23.31	1.75	24.47	1.79
		55	18.66	1.60	19.81	1.66	20.97	1.72	21.81	1.74	23.29	1.78	24.45	1.81
		60	18.64	1.62	19.80	1.68	20.96	1.75	21.79	1.77	23.27	1.80	24.43	1.83
		65	18.63	1.65	19.78	1.71	20.94	1.77	21.78	1.79	23.25	1.82	24.41	1.86
		70	18.61	1.67	19.77	1.73	20.93	1.79	21.76	1.81	23.24	1.84	24.39	1.88
		75	18.17	1.76	19.32	1.82	20.47	1.89	21.30	1.91	22.78	1.94	23.93	1.98
		80	17.72	1.85	18.87	1.91	20.02	1.98	20.85	2.01	22.32	2.04	23.47	2.08
		85	17.27	1.94	18.42	2.01	19.57	2.08	20.40	2.10	21.86	2.14	23.01	2.19
		90	16.83	2.03	17.97	2.10	19.12	2.18	19.95	2.20	21.41	2.24	22.55	2.29
		95	16.35	2.12	17.49	2.19	18.63	2.27	19.15	2.30	20.90	2.34	22.04	2.39
		100	16.16	2.21	17.31	2.29	18.47	2.37	19.06	2.40	20.78	2.44	21.93	2.49
		105	15.96	2.30	17.13	2.38	18.30	2.47	18.98	2.49	20.65	2.54	21.82	2.59
		110	15.77	2.39	16.96	2.47	18.14	2.56	18.90	2.59	20.52	2.64	21.71	2.69
		115	15.58	2.48	16.78	2.57	17.98	2.66	18.81	2.69	20.39	2.74	21.60	2.80
		118	15.46	2.53	16.68	2.62	17.89	2.72	18.77	2.75	20.32	2.80	21.53	2.86
		122	15.42	2.60	16.64	2.70	17.86	2.79	18.75	2.83	20.29	2.88	21.51	2.94

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 77: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 12	-4	19.63	1.34	20.85	1.39	22.06	1.44	22.94	1.46	24.50	1.48	25.72	1.51
		0	19.62	1.36	20.83	1.41	22.05	1.46	22.93	1.47	24.49	1.50	25.71	1.53
		5	19.60	1.38	20.82	1.43	22.03	1.48	22.91	1.50	24.47	1.53	25.69	1.56
		10	19.58	1.40	20.80	1.45	22.02	1.50	22.90	1.52	24.45	1.55	25.67	1.58
		14	19.57	1.42	20.79	1.47	22.00	1.52	22.88	1.54	24.43	1.57	25.65	1.60
		20	19.55	1.44	20.77	1.49	21.98	1.55	22.86	1.56	24.41	1.59	25.63	1.63
		25	19.54	1.46	20.75	1.51	21.97	1.57	22.84	1.59	24.39	1.62	25.61	1.65
		30	19.52	1.48	20.74	1.53	21.95	1.59	22.83	1.61	24.38	1.64	25.59	1.67
		35	19.51	1.50	20.72	1.55	21.93	1.61	22.81	1.63	24.36	1.66	25.57	1.69
		40	19.50	1.52	20.71	1.58	21.92	1.63	22.79	1.65	24.34	1.68	25.55	1.72
		45	19.48	1.54	20.69	1.60	21.90	1.66	22.77	1.67	24.32	1.71	25.53	1.74
		50	19.47	1.56	20.67	1.62	21.88	1.68	22.76	1.70	24.30	1.73	25.51	1.76
		55	19.45	1.58	20.66	1.64	21.87	1.70	22.74	1.72	24.28	1.75	25.49	1.79
		60	19.44	1.60	20.64	1.66	21.85	1.72	22.72	1.74	24.26	1.77	25.47	1.81
		65	19.42	1.62	20.63	1.68	21.83	1.74	22.70	1.76	24.24	1.80	25.45	1.83
		70	19.41	1.64	20.61	1.70	21.82	1.77	22.69	1.79	24.23	1.82	25.43	1.86
		75	18.94	1.73	20.14	1.79	21.34	1.86	22.21	1.88	23.75	1.92	24.95	1.96
		80	18.47	1.82	19.67	1.89	20.87	1.96	21.74	1.98	23.27	2.02	24.47	2.06
		85	18.01	1.91	19.20	1.98	20.40	2.05	21.27	2.07	22.79	2.11	23.99	2.16
		90	17.55	2.00	18.74	2.07	19.93	2.15	20.79	2.17	22.32	2.21	23.51	2.26
		95	17.04	2.09	18.23	2.16	19.42	2.24	19.96	2.27	21.79	2.31	22.98	2.36
		100	16.84	2.17	18.05	2.25	19.25	2.34	19.88	2.36	21.66	2.41	22.86	2.46
		105	16.64	2.26	17.86	2.35	19.08	2.43	19.79	2.46	21.53	2.51	22.75	2.56
		110	16.44	2.35	17.68	2.44	18.92	2.53	19.70	2.56	21.39	2.60	22.63	2.66
		115	16.24	2.44	17.50	2.53	18.75	2.62	19.62	2.65	21.26	2.70	22.51	2.76
		118	16.12	2.49	17.39	2.58	18.65	2.68	19.56	2.71	21.18	2.76	22.44	2.82
		122	16.08	2.56	17.35	2.66	18.62	2.76	19.55	2.79	21.15	2.84	22.42	2.90
	9 + 12	-4	21.47	1.52	22.81	1.58	24.14	1.63	25.11	1.65	26.81	1.68	28.14	1.72
		0	21.46	1.54	22.80	1.59	24.13	1.65	25.09	1.67	26.79	1.70	28.13	1.74
		5	21.45	1.56	22.78	1.62	24.11	1.68	25.07	1.70	26.77	1.73	28.10	1.76
		10	21.43	1.58	22.76	1.64	24.09	1.70	25.05	1.72	26.75	1.75	28.08	1.79
		14	21.41	1.61	22.74	1.67	24.07	1.73	25.03	1.75	26.73	1.78	28.06	1.82
		20	21.40	1.63	22.73	1.69	24.05	1.75	25.01	1.77	26.71	1.81	28.04	1.84
		25	21.38	1.65	22.71	1.71	24.04	1.78	24.99	1.80	26.69	1.83	28.02	1.87
		30	21.36	1.68	22.69	1.74	24.02	1.80	24.98	1.82	26.67	1.86	28.00	1.89
		35	21.35	1.70	22.67	1.76	24.00	1.83	24.96	1.85	26.65	1.88	27.98	1.92
		40	21.33	1.72	22.66	1.79	23.98	1.85	24.94	1.87	26.63	1.91	27.95	1.95
		45	21.31	1.75	22.64	1.81	23.96	1.88	24.92	1.90	26.61	1.93	27.93	1.97
		50	21.30	1.77	22.62	1.83	23.94	1.90	24.90	1.92	26.59	1.96	27.91	2.00
		55	21.28	1.79	22.60	1.86	23.93	1.93	24.88	1.95	26.57	1.98	27.89	2.02
		60	21.27	1.82	22.59	1.88	23.91	1.95	24.86	1.97	26.55	2.01	27.87	2.05
		65	21.25	1.84	22.57	1.91	23.89	1.98	24.84	2.00	26.53	2.04	27.85	2.08
		70	21.23	1.86	22.55	1.93	23.87	2.00	24.82	2.02	26.51	2.06	27.83	2.10
		75	20.72	1.96	22.04	2.03	23.35	2.11	24.30	2.13	25.98	2.17	27.30	2.22
		80	20.21	2.06	21.52	2.14	22.84	2.22	23.78	2.24	25.46	2.28	26.77	2.33
		85	19.70	2.16	21.01	2.24	22.32	2.32	23.27	2.35	24.94	2.39	26.25	2.44
		90	19.20	2.26	20.50	2.35	21.81	2.43	22.75	2.46	24.42	2.51	25.73	2.56
		95	18.65	2.36	19.95	2.45	21.25	2.54	21.84	2.57	23.85	2.62	25.14	2.67
		100	18.43	2.46	19.75	2.55	21.06	2.65	21.75	2.68	23.70	2.73	25.02	2.78
		105	18.21	2.56	19.55	2.66	20.88	2.76	21.65	2.79	23.55	2.84	24.89	2.90
		110	17.99	2.67	19.34	2.76	20.70	2.86	21.56	2.90	23.41	2.95	24.76	3.01
		115	17.77	2.77	19.14	2.87	20.52	2.97	21.46	3.01	23.26	3.06	24.63	3.12
		118	17.64	2.83	19.02	2.93	20.41	3.04	21.41	3.07	23.18	3.13	24.56	3.19
		122	17.59	2.91	18.98	3.01	20.37	3.12	21.39	3.16	23.15	3.22	24.53	3.28

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 78: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 15	-4	24.25	1.62	25.75	1.68	27.26	1.74	28.35	1.76	30.27	1.79	31.78	1.83
		0	24.23	1.64	25.74	1.70	27.24	1.76	28.33	1.78	30.25	1.81	31.76	1.85
		5	24.21	1.66	25.72	1.72	27.22	1.79	28.31	1.81	30.23	1.84	31.73	1.88
		10	24.20	1.69	25.70	1.75	27.20	1.81	28.29	1.84	30.21	1.87	31.71	1.91
		14	24.18	1.71	25.68	1.78	27.18	1.84	28.26	1.86	30.18	1.90	31.68	1.94
		20	24.16	1.74	25.66	1.80	27.16	1.87	28.24	1.89	30.16	1.92	31.66	1.96
		25	24.14	1.76	25.64	1.83	27.14	1.89	28.22	1.92	30.14	1.95	31.64	1.99
		30	24.12	1.79	25.62	1.85	27.12	1.92	28.20	1.94	30.11	1.98	31.61	2.02
		35	24.10	1.81	25.60	1.88	27.10	1.95	28.18	1.97	30.09	2.01	31.59	2.05
		40	24.08	1.84	25.58	1.90	27.08	1.97	28.16	2.00	30.07	2.03	31.56	2.07
		45	24.07	1.86	25.56	1.93	27.06	2.00	28.14	2.02	30.04	2.06	31.54	2.10
		50	24.05	1.89	25.54	1.95	27.03	2.03	28.11	2.05	30.02	2.09	31.52	2.13
		55	24.03	1.91	25.52	1.98	27.01	2.05	28.09	2.08	30.00	2.11	31.49	2.16
		60	24.01	1.94	25.50	2.01	26.99	2.08	28.07	2.10	29.98	2.14	31.47	2.19
		65	23.99	1.96	25.48	2.03	26.97	2.11	28.05	2.13	29.95	2.17	31.44	2.21
		70	23.97	1.98	25.46	2.06	26.95	2.13	28.03	2.16	29.93	2.20	31.42	2.24
		75	23.40	2.09	24.88	2.17	26.37	2.25	27.44	2.27	29.34	2.32	30.82	2.36
		80	22.82	2.20	24.30	2.28	25.78	2.36	26.85	2.39	28.75	2.43	30.23	2.48
		85	22.25	2.31	23.73	2.39	25.20	2.48	26.27	2.51	28.16	2.55	29.64	2.60
		90	21.68	2.41	23.15	2.50	24.63	2.59	25.69	2.62	27.57	2.67	29.05	2.72
		95	21.06	2.52	22.52	2.61	23.99	2.71	24.66	2.74	26.92	2.79	28.39	2.85
		100	20.81	2.63	22.30	2.72	23.78	2.82	24.56	2.85	26.76	2.91	28.25	2.97
		105	20.56	2.73	22.07	2.83	23.58	2.94	24.45	2.97	26.59	3.03	28.10	3.09
		110	20.31	2.84	21.84	2.94	23.37	3.05	24.34	3.09	26.43	3.14	27.96	3.21
		115	20.06	2.95	21.62	3.06	23.16	3.17	24.23	3.20	26.27	3.26	27.81	3.33
		118	19.92	3.01	21.48	3.12	23.04	3.24	24.17	3.27	26.17	3.33	27.49	3.37
		122	19.87	3.10	21.43	3.21	23.00	3.33	24.15	3.37	25.67	3.37	26.67	3.37
	12 + 12	-4	24.25	1.62	25.75	1.68	27.26	1.74	28.35	1.76	30.27	1.79	31.78	1.83
		0	24.23	1.64	25.74	1.70	27.24	1.76	28.33	1.78	30.25	1.81	31.76	1.85
		5	24.21	1.66	25.72	1.72	27.22	1.79	28.31	1.81	30.23	1.84	31.73	1.88
		10	24.20	1.69	25.70	1.75	27.20	1.81	28.29	1.84	30.21	1.87	31.71	1.91
		14	24.18	1.71	25.68	1.78	27.18	1.84	28.26	1.86	30.18	1.90	31.68	1.94
		20	24.16	1.74	25.66	1.80	27.16	1.87	28.24	1.89	30.16	1.92	31.66	1.96
		25	24.14	1.76	25.64	1.83	27.14	1.89	28.22	1.92	30.14	1.95	31.64	1.99
		30	24.12	1.79	25.62	1.85	27.12	1.92	28.20	1.94	30.11	1.98	31.61	2.02
		35	24.10	1.81	25.60	1.88	27.10	1.95	28.18	1.97	30.09	2.01	31.59	2.05
		40	24.08	1.84	25.58	1.90	27.08	1.97	28.16	2.00	30.07	2.03	31.56	2.07
		45	24.07	1.86	25.56	1.93	27.06	2.00	28.14	2.02	30.04	2.06	31.54	2.10
		50	24.05	1.89	25.54	1.95	27.03	2.03	28.11	2.05	30.02	2.09	31.52	2.13
		55	24.03	1.91	25.52	1.98	27.01	2.05	28.09	2.08	30.00	2.11	31.49	2.16
		60	24.01	1.94	25.50	2.01	26.99	2.08	28.07	2.10	29.98	2.14	31.47	2.19
		65	23.99	1.96	25.48	2.03	26.97	2.11	28.05	2.13	29.95	2.17	31.44	2.21
		70	23.97	1.98	25.46	2.06	26.95	2.13	28.03	2.16	29.93	2.20	31.42	2.24
		75	23.40	2.09	24.88	2.17	26.37	2.25	27.44	2.27	29.34	2.32	30.82	2.36
		80	22.82	2.20	24.30	2.28	25.78	2.36	26.85	2.39	28.75	2.43	30.23	2.48
		85	22.25	2.31	23.73	2.39	25.20	2.48	26.27	2.51	28.16	2.55	29.64	2.60
		90	21.68	2.41	23.15	2.50	24.63	2.59	25.69	2.62	27.57	2.67	29.05	2.72
		95	21.06	2.52	22.52	2.61	23.99	2.71	24.66	2.74	26.92	2.79	28.39	2.85
		100	20.81	2.63	22.30	2.72	23.78	2.82	24.56	2.85	26.76	2.91	28.25	2.97
		105	20.56	2.73	22.07	2.83	23.58	2.94	24.45	2.97	26.59	3.03	28.10	3.09
		110	20.31	2.84	21.84	2.94	23.37	3.05	24.34	3.09	26.43	3.14	27.96	3.21
		115	20.06	2.95	21.62	3.06	23.16	3.17	24.23	3.20	26.27	3.26	27.81	3.33
		118	19.92	3.01	21.48	3.12	23.04	3.24	24.17	3.27	26.17	3.33	27.49	3.37
		122	19.87	3.10	21.43	3.21	23.00	3.33	24.15	3.37	25.67	3.37	26.67	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 79: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 18	-4	25.42	1.66	27.00	1.72	28.58	1.79	29.72	1.81	31.73	1.84	33.31	
		0	25.40	1.68	26.98	1.74	28.56	1.81	29.70	1.83	31.72	1.86	33.29	
		5	25.38	1.71	26.96	1.77	28.54	1.84	29.67	1.86	31.69	1.89	33.27	
		10	25.36	1.73	26.94	1.80	28.51	1.86	29.65	1.88	31.66	1.92	33.24	
		14	25.34	1.76	26.92	1.82	28.49	1.89	29.63	1.91	31.64	1.95	33.21	
		20	25.33	1.78	26.90	1.85	28.47	1.92	29.61	1.94	31.62	1.98	33.19	
		25	25.31	1.81	26.88	1.88	28.45	1.94	29.58	1.97	31.59	2.00	33.16	
		30	25.29	1.83	26.86	1.90	28.43	1.97	29.56	1.99	31.57	2.03	33.14	
		35	25.27	1.86	26.84	1.93	28.41	2.00	29.54	2.02	31.54	2.06	33.11	
		40	25.25	1.89	26.82	1.95	28.38	2.03	29.52	2.05	31.52	2.09	33.09	
		45	25.23	1.91	26.80	1.98	28.36	2.05	29.49	2.08	31.50	2.12	33.06	
		50	25.21	1.94	26.77	2.01	28.34	2.08	29.47	2.10	31.47	2.14	33.04	
		55	25.19	1.96	26.75	2.03	28.32	2.11	29.45	2.13	31.45	2.17	33.01	
		60	25.17	1.99	26.73	2.06	28.30	2.13	29.43	2.16	31.42	2.20	32.99	
		65	25.15	2.01	26.71	2.09	28.28	2.16	29.40	2.19	31.40	2.23	32.96	
		70	25.13	2.04	26.69	2.11	28.25	2.19	29.38	2.21	31.38	2.26	32.94	
		75	24.53	2.15	26.08	2.23	27.64	2.31	28.77	2.33	30.76	2.38	32.31	
		80	23.92	2.26	25.48	2.34	27.03	2.42	28.15	2.45	30.13	2.50	31.69	
		85	23.32	2.37	24.87	2.45	26.42	2.54	27.54	2.57	29.52	2.62	31.07	
		90	22.72	2.48	24.27	2.57	25.81	2.66	26.93	2.69	28.91	2.74	30.45	
		95	22.07	2.59	23.61	2.68	25.15	2.78	25.85	2.81	28.22	2.86	29.76	
		100	21.81	2.70	23.37	2.80	24.93	2.90	25.74	2.93	28.05	2.99	29.61	
		105	21.55	2.81	23.13	2.91	24.72	3.02	25.63	3.05	27.88	3.11	29.46	
		110	21.29	2.92	22.90	3.02	24.50	3.13	25.52	3.17	27.71	3.23	29.31	
		115	21.03	3.03	22.66	3.14	24.28	3.25	25.40	3.29	27.53	3.35	28.73	
		118	20.88	3.09	22.52	3.21	24.15	3.32	25.34	3.36	27.03	3.37	28.07	
		122	20.83	3.18	22.47	3.30	23.76	3.37	24.65	3.37	26.23	3.37	27.26	
	9 + 18	-4	27.10	1.85	28.78	1.91	30.46	1.98	31.68	2.01	33.83	2.04	35.51	
		0	27.08	1.87	28.76	1.94	30.45	2.01	31.66	2.03	33.81	2.07	35.49	
		5	27.06	1.90	28.74	1.97	30.42	2.04	31.64	2.06	33.78	2.10	35.46	
		10	27.04	1.93	28.72	2.00	30.40	2.07	31.61	2.09	33.76	2.13	35.44	
		14	27.02	1.95	28.70	2.03	30.37	2.10	31.59	2.12	33.73	2.16	35.41	
		20	27.00	1.98	28.68	2.05	30.35	2.13	31.56	2.15	33.71	2.19	35.38	
		25	26.98	2.01	28.65	2.08	30.33	2.16	31.54	2.18	33.68	2.23	35.35	
		30	26.96	2.04	28.63	2.11	30.31	2.19	31.51	2.21	33.65	2.26	35.33	
		35	26.94	2.07	28.61	2.14	30.28	2.22	31.49	2.25	33.63	2.29	35.30	
		40	26.92	2.09	28.59	2.17	30.26	2.25	31.47	2.28	33.60	2.32	35.27	
		45	26.90	2.12	28.57	2.20	30.24	2.28	31.44	2.31	33.58	2.35	35.25	
		50	26.87	2.15	28.54	2.23	30.21	2.31	31.42	2.34	33.55	2.38	35.22	
		55	26.85	2.18	28.52	2.26	30.19	2.34	31.39	2.37	33.53	2.41	35.19	
		60	26.83	2.21	28.50	2.29	30.17	2.37	31.37	2.40	33.50	2.44	35.17	
		65	26.81	2.23	28.48	2.32	30.14	2.40	31.35	2.43	33.47	2.47	35.14	
		70	26.79	2.26	28.46	2.35	30.12	2.43	31.32	2.46	33.45	2.50	35.11	
		75	26.15	2.38	27.81	2.47	29.47	2.56	30.67	2.59	32.79	2.64	34.45	
		80	25.50	2.51	27.16	2.60	28.81	2.69	30.01	2.72	32.13	2.78	33.78	
		85	24.86	2.63	26.52	2.72	28.17	2.82	29.36	2.86	31.47	2.91	33.12	
		90	24.22	2.75	25.87	2.85	27.52	2.96	28.71	2.99	30.81	3.05	32.46	
		95	23.53	2.87	25.17	2.98	26.81	3.09	27.56	3.12	30.09	3.18	31.73	
		100	23.25	2.99	24.92	3.10	26.58	3.22	27.44	3.25	29.90	3.32	31.48	
		105	22.98	3.12	24.66	3.23	26.35	3.35	27.16	3.37	29.03	3.37	30.07	
		110	22.70	3.24	24.41	3.36	25.29	3.37	26.04	3.37	27.73	3.37	28.77	
		115	22.42	3.36	23.40	3.37	24.17	3.37	25.00	3.37	26.59	3.37	27.56	
		118	21.87	3.37	22.72	3.37	23.52	3.37	24.40	3.37	25.93	3.37	26.92	
		122	21.19	3.37	22.05	3.37	22.85	3.37	23.69	3.37	25.18	3.37	26.15	

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 80: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 15	-4	27.10	1.85	28.78	1.91	30.46	1.98	31.68	2.01	33.83	2.04	35.51	2.09
		0	27.08	1.87	28.76	1.94	30.45	2.01	31.66	2.03	33.81	2.07	35.49	2.11
		5	27.06	1.90	28.74	1.97	30.42	2.04	31.64	2.06	33.78	2.10	35.46	2.14
		10	27.04	1.93	28.72	2.00	30.40	2.07	31.61	2.09	33.76	2.13	35.44	2.17
		14	27.02	1.95	28.70	2.03	30.37	2.10	31.59	2.12	33.73	2.16	35.41	2.21
		20	27.00	1.98	28.68	2.05	30.35	2.13	31.56	2.15	33.71	2.19	35.38	2.24
		25	26.98	2.01	28.65	2.08	30.33	2.16	31.54	2.18	33.68	2.23	35.35	2.27
		30	26.96	2.04	28.63	2.11	30.31	2.19	31.51	2.21	33.65	2.26	35.33	2.30
		35	26.94	2.07	28.61	2.14	30.28	2.22	31.49	2.25	33.63	2.29	35.30	2.33
		40	26.92	2.09	28.59	2.17	30.26	2.25	31.47	2.28	33.60	2.32	35.27	2.36
		45	26.90	2.12	28.57	2.20	30.24	2.28	31.44	2.31	33.58	2.35	35.25	2.40
		50	26.87	2.15	28.54	2.23	30.21	2.31	31.42	2.34	33.55	2.38	35.22	2.43
		55	26.85	2.18	28.52	2.26	30.19	2.34	31.39	2.37	33.53	2.41	35.19	2.46
		60	26.83	2.21	28.50	2.29	30.17	2.37	31.37	2.40	33.50	2.44	35.17	2.49
		65	26.81	2.23	28.48	2.32	30.14	2.40	31.35	2.43	33.47	2.47	35.14	2.52
		70	26.79	2.26	28.46	2.35	30.12	2.43	31.32	2.46	33.45	2.50	35.11	2.56
		75	26.15	2.38	27.81	2.47	29.47	2.56	30.67	2.59	32.79	2.64	34.45	2.69
		80	25.50	2.51	27.16	2.60	28.81	2.69	30.01	2.72	32.13	2.78	33.78	2.83
		85	24.86	2.63	26.52	2.72	28.17	2.82	29.36	2.86	31.47	2.91	33.12	2.97
		90	24.22	2.75	25.87	2.85	27.52	2.96	28.71	2.99	30.81	3.05	32.46	3.11
		95	23.53	2.87	25.17	2.98	26.81	3.09	27.56	3.12	30.09	3.18	31.73	3.24
		100	23.25	2.99	24.92	3.10	26.58	3.22	27.44	3.25	29.90	3.32	31.48	3.37
		105	22.98	3.12	24.66	3.23	26.35	3.35	27.16	3.37	29.03	3.37	30.07	3.37
		110	22.70	3.24	24.41	3.36	25.29	3.37	26.04	3.37	27.73	3.37	28.77	3.37
		115	22.42	3.36	23.40	3.37	24.17	3.37	25.00	3.37	26.59	3.37	27.56	3.37
		118	21.87	3.37	22.72	3.37	23.52	3.37	24.40	3.37	25.93	3.37	26.92	3.37
		122	21.19	3.37	22.05	3.37	22.85	3.37	23.69	3.37	25.18	3.37	26.15	3.37
	12 + 18	-4	31.26	2.03	33.21	2.10	35.15	2.18	36.55	2.20	39.03	2.24	40.97	2.29
		0	31.25	2.05	33.19	2.12	35.13	2.20	36.53	2.23	39.01	2.27	40.95	2.31
		5	31.22	2.08	33.16	2.16	35.10	2.24	36.50	2.26	38.98	2.30	40.92	2.35
		10	31.20	2.11	33.13	2.19	35.07	2.27	36.47	2.30	38.95	2.34	40.88	2.39
		14	31.17	2.14	33.11	2.22	35.05	2.30	36.44	2.33	38.92	2.37	40.85	2.42
		20	31.15	2.17	33.08	2.25	35.02	2.34	36.42	2.36	38.89	2.41	40.82	2.45
		25	31.13	2.20	33.06	2.28	34.99	2.37	36.39	2.40	38.86	2.44	40.79	2.49
		30	31.10	2.24	33.03	2.32	34.97	2.40	36.36	2.43	38.83	2.47	40.76	2.52
		35	31.08	2.27	33.01	2.35	34.94	2.43	36.33	2.46	38.80	2.51	40.73	2.56
		40	31.05	2.30	32.98	2.38	34.91	2.47	36.30	2.50	38.77	2.54	40.70	2.59
		45	31.03	2.33	32.96	2.41	34.89	2.50	36.28	2.53	38.74	2.58	40.67	2.63
		50	31.01	2.36	32.93	2.44	34.86	2.53	36.25	2.56	38.71	2.61	40.64	2.66
		55	30.98	2.39	32.91	2.48	34.83	2.57	36.22	2.60	38.68	2.64	40.60	2.70
		60	30.96	2.42	32.88	2.51	34.80	2.60	36.19	2.63	38.65	2.68	40.57	2.73
		65	30.94	2.45	32.86	2.54	34.78	2.63	36.17	2.66	38.62	2.71	40.54	2.77
		70	30.91	2.48	32.83	2.57	34.75	2.67	36.14	2.70	38.59	2.75	40.51	2.80
		75	30.17	2.62	32.08	2.71	34.00	2.81	35.38	2.84	37.83	2.90	39.74	2.95
		80	29.42	2.75	31.33	2.85	33.24	2.95	34.62	2.99	37.07	3.04	38.98	3.10
		85	28.69	2.88	30.59	2.99	32.50	3.10	33.87	3.13	36.31	3.19	38.21	3.26
		90	27.95	3.02	29.85	3.13	31.75	3.24	33.12	3.28	35.55	3.34	37.01	3.37
		95	27.15	3.15	29.04	3.27	30.84	3.37	31.34	3.37	33.53	3.37	34.66	3.37
		100	26.83	3.28	28.50	3.37	29.28	3.37	29.89	3.37	31.94	3.37	33.08	3.37
		105	26.12	3.37	27.09	3.37	27.91	3.37	28.63	3.37	30.57	3.37	31.64	3.37
		110	24.86	3.37	25.79	3.37	26.58	3.37	27.41	3.37	29.22	3.37	30.30	3.37
		115	23.63	3.37	24.59	3.37	25.42	3.37	26.26	3.37	27.98	3.37	29.05	3.37
		118	22.96	3.37	23.93	3.37	24.72	3.37	25.67	3.37	27.27	3.37	28.35	3.37
		122	22.30	3.37	23.17	3.37	24.02	3.37	24.93	3.37	26.47	3.37	27.55	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 81: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7 + 24	-4	31.26	2.03	33.21	2.10	35.15	2.18	36.55	2.20	39.03	2.24	40.97	2.29
		0	31.25	2.05	33.19	2.12	35.13	2.20	36.53	2.23	39.01	2.27	40.95	2.31
		5	31.22	2.08	33.16	2.16	35.10	2.24	36.50	2.26	38.98	2.30	40.92	2.35
		10	31.20	2.11	33.13	2.19	35.07	2.27	36.47	2.30	38.95	2.34	40.88	2.39
		14	31.17	2.14	33.11	2.22	35.05	2.30	36.44	2.33	38.92	2.37	40.85	2.42
		20	31.15	2.17	33.08	2.25	35.02	2.34	36.42	2.36	38.89	2.41	40.82	2.45
		25	31.13	2.20	33.06	2.28	34.99	2.37	36.39	2.40	38.86	2.44	40.79	2.49
		30	31.10	2.24	33.03	2.32	34.97	2.40	36.36	2.43	38.83	2.47	40.76	2.52
		35	31.08	2.27	33.01	2.35	34.94	2.43	36.33	2.46	38.80	2.51	40.73	2.56
		40	31.05	2.30	32.98	2.38	34.91	2.47	36.30	2.50	38.77	2.54	40.70	2.59
		45	31.03	2.33	32.96	2.41	34.89	2.50	36.28	2.53	38.74	2.58	40.67	2.63
		50	31.01	2.36	32.93	2.44	34.86	2.53	36.25	2.56	38.71	2.61	40.64	2.66
		55	30.98	2.39	32.91	2.48	34.83	2.57	36.22	2.60	38.68	2.64	40.60	2.70
		60	30.96	2.42	32.88	2.51	34.80	2.60	36.19	2.63	38.65	2.68	40.57	2.73
		65	30.94	2.45	32.86	2.54	34.78	2.63	36.17	2.66	38.62	2.71	40.54	2.77
		70	30.91	2.48	32.83	2.57	34.75	2.67	36.14	2.70	38.59	2.75	40.51	2.80
		75	30.17	2.62	32.08	2.71	34.00	2.81	35.38	2.84	37.83	2.90	39.74	2.95
		80	29.42	2.75	31.33	2.85	33.24	2.95	34.62	2.99	37.07	3.04	38.98	3.10
		85	28.69	2.88	30.59	2.99	32.50	3.10	33.87	3.13	36.31	3.19	38.21	3.26
		90	27.95	3.02	29.85	3.13	31.75	3.24	33.12	3.28	35.55	3.34	37.01	3.37
		95	27.15	3.15	29.04	3.27	30.84	3.37	31.34	3.37	33.53	3.37	34.66	3.37
		100	26.83	3.28	28.50	3.37	29.28	3.37	29.89	3.37	31.94	3.37	33.08	3.37
		105	26.12	3.37	27.09	3.37	27.91	3.37	28.63	3.37	30.57	3.37	31.64	3.37
		110	24.86	3.37	25.79	3.37	26.58	3.37	27.41	3.37	29.22	3.37	30.30	3.37
		115	23.63	3.37	24.59	3.37	25.42	3.37	26.26	3.37	27.98	3.37	29.05	3.37
		118	22.96	3.37	23.93	3.37	24.72	3.37	25.67	3.37	27.27	3.37	28.35	3.37
		122	22.30	3.37	23.17	3.37	24.02	3.37	24.93	3.37	26.47	3.37	27.55	3.37
	9 + 24*	-4	31.26	2.03	33.21	2.10	35.15	2.18	36.55	2.20	39.03	2.24	40.97	2.29
		0	31.25	2.05	33.19	2.12	35.13	2.20	36.53	2.23	39.01	2.27	40.95	2.31
		5	31.22	2.08	33.16	2.16	35.10	2.24	36.50	2.26	38.98	2.30	40.92	2.35
		10	31.20	2.11	33.13	2.19	35.07	2.27	36.47	2.30	38.95	2.34	40.88	2.39
		14	31.17	2.14	33.11	2.22	35.05	2.30	36.44	2.33	38.92	2.37	40.85	2.42
		20	31.15	2.17	33.08	2.25	35.02	2.34	36.42	2.36	38.89	2.41	40.82	2.45
		25	31.13	2.20	33.06	2.28	34.99	2.37	36.39	2.40	38.86	2.44	40.79	2.49
		30	31.10	2.24	33.03	2.32	34.97	2.40	36.36	2.43	38.83	2.47	40.76	2.52
		35	31.08	2.27	33.01	2.35	34.94	2.43	36.33	2.46	38.80	2.51	40.73	2.56
		40	31.05	2.30	32.98	2.38	34.91	2.47	36.30	2.50	38.77	2.54	40.70	2.59
		45	31.03	2.33	32.96	2.41	34.89	2.50	36.28	2.53	38.74	2.58	40.67	2.63
		50	31.01	2.36	32.93	2.44	34.86	2.53	36.25	2.56	38.71	2.61	40.64	2.66
		55	30.98	2.39	32.91	2.48	34.83	2.57	36.22	2.60	38.68	2.64	40.60	2.70
		60	30.96	2.42	32.88	2.51	34.80	2.60	36.19	2.63	38.65	2.68	40.57	2.73
		65	30.94	2.45	32.86	2.54	34.78	2.63	36.17	2.66	38.62	2.71	40.54	2.77
		70	30.91	2.48	32.83	2.57	34.75	2.67	36.14	2.70	38.59	2.75	40.51	2.80
		75	30.17	2.62	32.08	2.71	34.00	2.81	35.38	2.84	37.83	2.90	39.74	2.95
		80	29.42	2.75	31.33	2.85	33.24	2.95	34.62	2.99	37.07	3.04	38.98	3.10
		85	28.69	2.88	30.59	2.99	32.50	3.10	33.87	3.13	36.31	3.19	38.21	3.26
		90	27.95	3.02	29.85	3.13	31.75	3.24	33.12	3.28	35.55	3.34	37.01	3.37
		95	27.15	3.15	29.04	3.27	30.84	3.37	31.34	3.37	33.53	3.37	34.66	3.37
		100	26.83	3.28	28.50	3.37	29.28	3.37	29.89	3.37	31.94	3.37	33.08	3.37
		105	26.12	3.37	27.09	3.37	27.91	3.37	28.63	3.37	30.57	3.37	31.64	3.37
		110	24.86	3.37	25.79	3.37	26.58	3.37	27.41	3.37	29.22	3.37	30.30	3.37
		115	23.63	3.37	24.59	3.37	25.42	3.37	26.26	3.37	27.98	3.37	29.05	3.37
		118	22.96	3.37	23.93	3.37	24.72	3.37	25.67	3.37	27.27	3.37	28.35	3.37
		122	22.30	3.37	23.17	3.37	24.02	3.37	24.93	3.37	26.47	3.37	27.55	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 82: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	15 + 18	-4	31.26	2.03	33.21	2.10	35.15	2.18	36.55	2.20	39.03	2.24	40.97	2.29
		0	31.25	2.05	33.19	2.12	35.13	2.20	36.53	2.23	39.01	2.27	40.95	2.31
		5	31.22	2.08	33.16	2.16	35.10	2.24	36.50	2.26	38.98	2.30	40.92	2.35
		10	31.20	2.11	33.13	2.19	35.07	2.27	36.47	2.30	38.95	2.34	40.88	2.39
		14	31.17	2.14	33.11	2.22	35.05	2.30	36.44	2.33	38.92	2.37	40.85	2.42
		20	31.15	2.17	33.08	2.25	35.02	2.34	36.42	2.36	38.89	2.41	40.82	2.45
		25	31.13	2.20	33.06	2.28	34.99	2.37	36.39	2.40	38.86	2.44	40.79	2.49
		30	31.10	2.24	33.03	2.32	34.97	2.40	36.36	2.43	38.83	2.47	40.76	2.52
		35	31.08	2.27	33.01	2.35	34.94	2.43	36.33	2.46	38.80	2.51	40.73	2.56
		40	31.05	2.30	32.98	2.38	34.91	2.47	36.30	2.50	38.77	2.54	40.70	2.59
		45	31.03	2.33	32.96	2.41	34.89	2.50	36.28	2.53	38.74	2.58	40.67	2.63
		50	31.01	2.36	32.93	2.44	34.86	2.53	36.25	2.56	38.71	2.61	40.64	2.66
		55	30.98	2.39	32.91	2.48	34.83	2.57	36.22	2.60	38.68	2.64	40.60	2.70
		60	30.96	2.42	32.88	2.51	34.80	2.60	36.19	2.63	38.65	2.68	40.57	2.73
		65	30.94	2.45	32.86	2.54	34.78	2.63	36.17	2.66	38.62	2.71	40.54	2.77
		70	30.91	2.48	32.83	2.57	34.75	2.67	36.14	2.70	38.59	2.75	40.51	2.80
		75	30.17	2.62	32.08	2.71	34.00	2.81	35.38	2.84	37.83	2.90	39.74	2.95
		80	29.42	2.75	31.33	2.85	33.24	2.95	34.62	2.99	37.07	3.04	38.98	3.10
		85	28.69	2.88	30.59	2.99	32.50	3.10	33.87	3.13	36.31	3.19	38.21	3.26
		90	27.95	3.02	29.85	3.13	31.75	3.24	33.12	3.28	35.55	3.34	37.01	3.37
		95	27.15	3.15	29.04	3.27	30.84	3.37	31.34	3.37	33.53	3.37	34.66	3.37
		100	26.83	3.28	28.50	3.37	29.28	3.37	29.89	3.37	31.94	3.37	33.08	3.37
		105	26.12	3.37	27.09	3.37	27.91	3.37	28.63	3.37	30.57	3.37	31.64	3.37
		110	24.86	3.37	25.79	3.37	26.58	3.37	27.41	3.37	29.22	3.37	30.30	3.37
		115	23.63	3.37	24.59	3.37	25.42	3.37	26.26	3.37	27.98	3.37	29.05	3.37
		118	22.96	3.37	23.93	3.37	24.72	3.37	25.67	3.37	27.27	3.37	28.35	3.37
		122	22.30	3.37	23.17	3.37	24.02	3.37	24.93	3.37	26.47	3.37	27.55	3.37
	18* + 18*	-4	31.26	2.03	33.21	2.10	35.15	2.18	36.55	2.20	39.03	2.24	40.97	2.29
		0	31.25	2.05	33.19	2.12	35.13	2.20	36.53	2.23	39.01	2.27	40.95	2.31
		5	31.22	2.08	33.16	2.16	35.10	2.24	36.50	2.26	38.98	2.30	40.92	2.35
		10	31.20	2.11	33.13	2.19	35.07	2.27	36.47	2.30	38.95	2.34	40.88	2.39
		14	31.17	2.14	33.11	2.22	35.05	2.30	36.44	2.33	38.92	2.37	40.85	2.42
		20	31.15	2.17	33.08	2.25	35.02	2.34	36.42	2.36	38.89	2.41	40.82	2.45
		25	31.13	2.20	33.06	2.28	34.99	2.37	36.39	2.40	38.86	2.44	40.79	2.49
		30	31.10	2.24	33.03	2.32	34.97	2.40	36.36	2.43	38.83	2.47	40.76	2.52
		35	31.08	2.27	33.01	2.35	34.94	2.43	36.33	2.46	38.80	2.51	40.73	2.56
		40	31.05	2.30	32.98	2.38	34.91	2.47	36.30	2.50	38.77	2.54	40.70	2.59
		45	31.03	2.33	32.96	2.41	34.89	2.50	36.28	2.53	38.74	2.58	40.67	2.63
		50	31.01	2.36	32.93	2.44	34.86	2.53	36.25	2.56	38.71	2.61	40.64	2.66
		55	30.98	2.39	32.91	2.48	34.83	2.57	36.22	2.60	38.68	2.64	40.60	2.70
		60	30.96	2.42	32.88	2.51	34.80	2.60	36.19	2.63	38.65	2.68	40.57	2.73
		65	30.94	2.45	32.86	2.54	34.78	2.63	36.17	2.66	38.62	2.71	40.54	2.77
		70	30.91	2.48	32.83	2.57	34.75	2.67	36.14	2.70	38.59	2.75	40.51	2.80
		75	30.17	2.62	32.08	2.71	34.00	2.81	35.38	2.84	37.83	2.90	39.74	2.95
		80	29.42	2.75	31.33	2.85	33.24	2.95	34.62	2.99	37.07	3.04	38.98	3.10
		85	28.69	2.88	30.59	2.99	32.50	3.10	33.87	3.13	36.31	3.19	38.21	3.26
		90	27.95	3.02	29.85	3.13	31.75	3.24	33.12	3.28	35.55	3.34	37.01	3.37
		95	27.15	3.15	29.04	3.27	30.84	3.37	31.34	3.37	33.53	3.37	34.66	3.37
		100	26.83	3.28	28.50	3.37	29.28	3.37	29.89	3.37	31.94	3.37	33.08	3.37
		105	26.12	3.37	27.09	3.37	27.91	3.37	28.63	3.37	30.57	3.37	31.64	3.37
		110	24.86	3.37	25.79	3.37	26.58	3.37	27.41	3.37	29.22	3.37	30.30	3.37
		115	23.63	3.37	24.59	3.37	25.42	3.37	26.26	3.37	27.98	3.37	29.05	3.37
		118	22.96	3.37	23.93	3.37	24.72	3.37	25.67	3.37	27.27	3.37	28.35	3.37
		122	22.30	3.37	23.17	3.37	24.02	3.37	24.93	3.37	26.47	3.37	27.55	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 83: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12* + 24*	-4	30.18	2.03	32.05	2.10	33.92	2.18	35.28	2.20	37.67	2.24	39.55	2.29
		0	30.16	2.05	32.03	2.12	33.90	2.20	35.26	2.23	37.65	2.27	39.52	2.31
		5	30.13	2.08	32.01	2.16	33.88	2.24	35.23	2.26	37.62	2.30	39.49	2.35
		10	30.11	2.11	31.98	2.19	33.85	2.27	35.20	2.30	37.59	2.34	39.46	2.39
		14	30.09	2.14	31.96	2.22	33.83	2.30	35.18	2.33	37.56	2.37	39.43	2.42
		20	30.07	2.17	31.93	2.25	33.80	2.34	35.15	2.36	37.53	2.41	39.40	2.45
		25	30.04	2.20	31.91	2.28	33.77	2.37	35.12	2.40	37.51	2.44	39.37	2.49
		30	30.02	2.24	31.88	2.32	33.75	2.40	35.09	2.43	37.48	2.47	39.34	2.52
		35	30.00	2.27	31.86	2.35	33.72	2.43	35.07	2.46	37.45	2.51	39.31	2.56
		40	29.97	2.30	31.84	2.38	33.70	2.47	35.04	2.50	37.42	2.54	39.28	2.59
		45	29.95	2.33	31.81	2.41	33.67	2.50	35.01	2.53	37.39	2.58	39.25	2.63
		50	29.93	2.36	31.79	2.44	33.64	2.53	34.99	2.56	37.36	2.61	39.22	2.66
		55	29.90	2.39	31.76	2.48	33.62	2.57	34.96	2.60	37.33	2.64	39.19	2.70
		60	29.88	2.42	31.74	2.51	33.59	2.60	34.93	2.63	37.30	2.68	39.16	2.73
		65	29.86	2.45	31.71	2.54	33.57	2.63	34.91	2.66	37.28	2.71	39.13	2.77
		70	29.84	2.48	31.69	2.57	33.54	2.67	34.88	2.70	37.25	2.75	39.10	2.80
		75	29.12	2.62	30.97	2.71	32.81	2.81	34.15	2.84	36.51	2.90	38.36	2.95
		80	28.40	2.75	30.24	2.85	32.09	2.95	33.42	2.99	35.78	3.04	37.62	3.10
		85	27.69	2.88	29.53	2.99	31.37	3.10	32.70	3.13	35.05	3.19	36.88	3.26
		90	26.98	3.02	28.81	3.13	30.65	3.24	31.97	3.28	34.32	3.34	35.73	3.37
		95	26.20	3.15	28.03	3.27	29.77	3.37	30.24	3.37	32.36	3.37	33.44	3.37
		100	25.90	3.28	27.51	3.37	28.26	3.37	28.85	3.37	30.83	3.37	31.93	3.37
		105	25.22	3.37	26.14	3.37	26.94	3.37	27.64	3.37	29.51	3.37	30.53	3.37
		110	24.00	3.37	24.89	3.37	25.65	3.37	26.44	3.37	28.20	3.37	29.24	3.37
		115	22.80	3.37	23.73	3.37	24.53	3.37	25.35	3.37	27.00	3.37	28.05	3.37
		118	22.15	3.37	23.10	3.37	23.86	3.37	24.78	3.37	26.32	3.37	27.36	3.37
		122	21.53	3.37	22.36	3.37	23.18	3.37	24.05	3.37	25.55	3.37	26.58	3.37
Three (3) Mixed Indoor Units	7 + 7 + 9	-4	23.28	1.48	24.72	1.53	26.17	1.59	27.21	1.60	29.06	1.63	30.51	1.67
		0	23.27	1.49	24.71	1.55	26.15	1.60	27.20	1.62	29.04	1.65	30.49	1.69
		5	23.25	1.52	24.69	1.57	26.13	1.63	27.18	1.65	29.02	1.68	30.46	1.71
		10	23.23	1.54	24.67	1.60	26.11	1.65	27.16	1.67	29.00	1.70	30.44	1.74
		14	23.21	1.56	24.65	1.62	26.09	1.68	27.13	1.70	28.98	1.73	30.42	1.76
		20	23.19	1.58	24.63	1.64	26.07	1.70	27.11	1.72	28.95	1.75	30.39	1.79
		25	23.18	1.61	24.61	1.66	26.05	1.73	27.09	1.75	28.93	1.78	30.37	1.81
		30	23.16	1.63	24.60	1.69	26.03	1.75	27.07	1.77	28.91	1.80	30.35	1.84
		35	23.14	1.65	24.58	1.71	26.01	1.77	27.05	1.79	28.89	1.83	30.33	1.86
		40	23.12	1.67	24.56	1.73	25.99	1.80	27.03	1.82	28.87	1.85	30.30	1.89
		45	23.10	1.70	24.54	1.76	25.97	1.82	27.01	1.84	28.84	1.88	30.28	1.92
		50	23.09	1.72	24.52	1.78	25.95	1.85	26.99	1.87	28.82	1.90	30.26	1.94
		55	23.07	1.74	24.50	1.80	25.93	1.87	26.97	1.89	28.80	1.93	30.23	1.97
		60	23.05	1.76	24.48	1.83	25.91	1.89	26.95	1.92	28.78	1.95	30.21	1.99
		65	23.03	1.79	24.46	1.85	25.89	1.92	26.93	1.94	28.76	1.98	30.19	2.02
		70	23.02	1.81	24.45	1.87	25.87	1.94	26.91	1.96	28.73	2.00	30.16	2.04
		75	22.46	1.91	23.89	1.98	25.31	2.05	26.34	2.07	28.17	2.11	29.59	2.15
		80	21.91	2.00	23.33	2.08	24.75	2.15	25.78	2.18	27.60	2.22	29.02	2.26
		85	21.36	2.10	22.78	2.18	24.20	2.26	25.22	2.28	27.03	2.33	28.45	2.37
		90	20.81	2.20	22.23	2.28	23.64	2.36	24.66	2.39	26.47	2.43	27.89	2.48
		95	20.21	2.30	21.62	2.38	23.03	2.47	23.68	2.50	25.85	2.54	27.26	2.59
		100	19.98	2.39	21.40	2.48	22.83	2.57	23.57	2.60	25.69	2.65	27.12	2.70
		105	19.74	2.49	21.19	2.58	22.63	2.68	23.47	2.71	25.53	2.76	26.98	2.81
		110	19.50	2.59	20.97	2.68	22.44	2.78	23.37	2.81	25.37	2.87	26.84	2.92
		115	19.26	2.69	20.75	2.78	22.24	2.89	23.27	2.92	25.22	2.97	26.70	3.03
		118	19.12	2.74	20.62	2.84	22.12	2.95	23.20	2.98	25.12	3.04	26.62	3.10
		122	19.07	2.82	20.58	2.93	22.08	3.03	23.18	3.07	25.09	3.12	26.59	3.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 84: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7 + 9 + 9	-4	25.19	1.60	26.75	1.66	28.32	1.72	29.45	1.74	31.45	1.77	33.01	1.81
		0	25.17	1.62	26.74	1.68	28.30	1.74	29.43	1.76	31.43	1.79	32.99	1.83
		5	25.15	1.64	26.72	1.70	28.28	1.77	29.41	1.79	31.40	1.82	32.96	1.86
		10	25.13	1.67	26.70	1.73	28.26	1.79	29.38	1.81	31.38	1.85	32.94	1.88
		14	25.12	1.69	26.67	1.75	28.23	1.82	29.36	1.84	31.35	1.87	32.91	1.91
		20	25.10	1.72	26.65	1.78	28.21	1.84	29.34	1.87	31.33	1.90	32.89	1.94
		25	25.08	1.74	26.63	1.81	28.19	1.87	29.32	1.89	31.31	1.93	32.86	1.97
		30	25.06	1.77	26.61	1.83	28.17	1.90	29.29	1.92	31.28	1.95	32.84	1.99
		35	25.04	1.79	26.59	1.86	28.15	1.92	29.27	1.95	31.26	1.98	32.81	2.02
		40	25.02	1.81	26.57	1.88	28.13	1.95	29.25	1.97	31.23	2.01	32.79	2.05
		45	25.00	1.84	26.55	1.91	28.11	1.98	29.23	2.00	31.21	2.04	32.76	2.08
		50	24.98	1.86	26.53	1.93	28.08	2.00	29.20	2.02	31.19	2.06	32.74	2.10
		55	24.96	1.89	26.51	1.96	28.06	2.03	29.18	2.05	31.16	2.09	32.71	2.13
		60	24.94	1.91	26.49	1.98	28.04	2.05	29.16	2.08	31.14	2.12	32.69	2.16
		65	24.92	1.94	26.47	2.01	28.02	2.08	29.14	2.10	31.12	2.14	32.66	2.19
		70	24.90	1.96	26.45	2.03	28.00	2.11	29.11	2.13	31.09	2.17	32.64	2.21
		75	24.31	2.07	25.85	2.14	27.39	2.22	28.51	2.25	30.48	2.29	32.02	2.33
		80	23.71	2.17	25.24	2.25	26.78	2.33	27.90	2.36	29.86	2.40	31.40	2.45
		85	23.11	2.28	24.65	2.36	26.18	2.45	27.29	2.48	29.25	2.52	30.79	2.57
		90	22.52	2.38	24.05	2.47	25.58	2.56	26.69	2.59	28.64	2.64	30.18	2.69
		95	21.87	2.49	23.40	2.58	24.92	2.67	25.62	2.71	27.97	2.76	29.49	2.81
		100	21.62	2.59	23.16	2.69	24.71	2.79	25.51	2.82	27.80	2.87	29.34	2.93
		105	21.36	2.70	22.93	2.80	24.49	2.90	25.40	2.93	27.63	2.99	29.19	3.05
		110	21.10	2.81	22.69	2.91	24.28	3.02	25.29	3.05	27.46	3.11	29.04	3.17
		115	20.84	2.91	22.45	3.02	24.06	3.13	25.17	3.16	27.29	3.22	28.89	3.29
		118	20.69	2.98	22.31	3.08	23.93	3.20	25.11	3.23	27.18	3.29	28.80	3.36
		122	20.64	3.06	22.27	3.17	23.89	3.29	25.09	3.33	26.99	3.37	28.02	3.37
	7 + 7 + 12	-4	26.14	1.66	27.77	1.72	29.39	1.78	30.56	1.81	32.64	1.84	34.26	1.88
		0	26.13	1.68	27.75	1.74	29.37	1.80	30.55	1.83	32.62	1.86	34.24	1.90
		5	26.11	1.71	27.73	1.77	29.35	1.83	30.52	1.85	32.59	1.89	34.21	1.93
		10	26.09	1.73	27.71	1.80	29.33	1.86	30.50	1.88	32.57	1.92	34.19	1.96
		14	26.07	1.76	27.69	1.82	29.30	1.89	30.47	1.91	32.54	1.95	34.16	1.98
		20	26.05	1.78	27.66	1.85	29.28	1.92	30.45	1.94	32.52	1.97	34.14	2.01
		25	26.03	1.81	27.64	1.87	29.26	1.94	30.43	1.96	32.49	2.00	34.11	2.04
		30	26.01	1.83	27.62	1.90	29.24	1.97	30.40	1.99	32.47	2.03	34.08	2.07
		35	25.99	1.86	27.60	1.93	29.22	2.00	30.38	2.02	32.44	2.06	34.06	2.10
		40	25.97	1.88	27.58	1.95	29.19	2.02	30.36	2.05	32.42	2.09	34.03	2.13
		45	25.95	1.91	27.56	1.98	29.17	2.05	30.33	2.07	32.39	2.11	34.01	2.16
		50	25.93	1.93	27.54	2.00	29.15	2.08	30.31	2.10	32.37	2.14	33.98	2.18
		55	25.91	1.96	27.52	2.03	29.13	2.10	30.29	2.13	32.34	2.17	33.95	2.21
		60	25.89	1.98	27.50	2.06	29.10	2.13	30.26	2.16	32.32	2.20	33.93	2.24
		65	25.87	2.01	27.47	2.08	29.08	2.16	30.24	2.18	32.29	2.22	33.90	2.27
		70	25.85	2.03	27.45	2.11	29.06	2.19	30.22	2.21	32.27	2.25	33.87	2.30
		75	25.23	2.14	26.83	2.22	28.43	2.30	29.59	2.33	31.63	2.37	33.23	2.42
		80	24.60	2.25	26.20	2.34	27.80	2.42	28.95	2.45	30.99	2.50	32.59	2.55
		85	23.99	2.36	25.58	2.45	27.17	2.54	28.33	2.57	30.36	2.62	31.96	2.67
		90	23.37	2.47	24.96	2.56	26.55	2.66	27.70	2.69	29.73	2.74	31.32	2.79
		95	22.70	2.58	24.28	2.68	25.87	2.78	26.59	2.81	29.03	2.86	30.61	2.92
		100	22.43	2.69	24.04	2.79	25.64	2.89	26.48	2.93	28.85	2.98	30.45	3.04
		105	22.17	2.80	23.79	2.91	25.42	3.01	26.36	3.05	28.67	3.10	30.30	3.17
		110	21.90	2.91	23.55	3.02	25.20	3.13	26.24	3.17	28.50	3.23	30.14	3.29
		115	21.63	3.02	23.30	3.13	24.97	3.25	26.13	3.29	28.32	3.35	29.64	3.37
		118	21.47	3.09	23.16	3.20	24.84	3.32	26.06	3.36	27.80	3.37	28.87	3.37
		122	21.42	3.18	23.11	3.29	24.51	3.37	25.44	3.37	26.98	3.37	28.04	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 85: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	-4	27.10	1.73	28.78	1.79	30.46	1.86	31.68	1.88	33.83	1.91	35.51	1.95
		0	27.08	1.75	28.76	1.81	30.45	1.88	31.66	1.90	33.81	1.93	35.49	1.97
		5	27.06	1.77	28.74	1.84	30.42	1.91	31.64	1.93	33.78	1.96	35.46	2.00
		10	27.04	1.80	28.72	1.87	30.40	1.93	31.61	1.96	33.76	1.99	35.44	2.03
		14	27.02	1.83	28.70	1.89	30.37	1.96	31.59	1.99	33.73	2.02	35.41	2.06
		20	27.00	1.85	28.68	1.92	30.35	1.99	31.56	2.01	33.71	2.05	35.38	2.09
		25	26.98	1.88	28.65	1.95	30.33	2.02	31.54	2.04	33.68	2.08	35.35	2.12
		30	26.96	1.91	28.63	1.98	30.31	2.05	31.51	2.07	33.65	2.11	35.33	2.15
		35	26.94	1.93	28.61	2.00	30.28	2.08	31.49	2.10	33.63	2.14	35.30	2.18
		40	26.92	1.96	28.59	2.03	30.26	2.10	31.47	2.13	33.60	2.17	35.27	2.21
		45	26.90	1.98	28.57	2.06	30.24	2.13	31.44	2.16	33.58	2.20	35.25	2.24
		50	26.87	2.01	28.54	2.08	30.21	2.16	31.42	2.19	33.55	2.23	35.22	2.27
		55	26.85	2.04	28.52	2.11	30.19	2.19	31.39	2.21	33.53	2.26	35.19	2.30
		60	26.83	2.06	28.50	2.14	30.17	2.22	31.37	2.24	33.50	2.28	35.17	2.33
		65	26.81	2.09	28.48	2.17	30.14	2.25	31.35	2.27	33.47	2.31	35.14	2.36
		70	26.79	2.12	28.46	2.19	30.12	2.27	31.32	2.30	33.45	2.34	35.11	2.39
		75	26.15	2.23	27.81	2.31	29.47	2.40	30.67	2.42	32.79	2.47	34.45	2.52
		80	25.50	2.34	27.16	2.43	28.81	2.52	30.01	2.55	32.13	2.60	33.78	2.65
		85	24.86	2.46	26.52	2.55	28.17	2.64	29.36	2.67	31.47	2.72	33.12	2.78
		90	24.22	2.57	25.87	2.67	27.52	2.76	28.71	2.80	30.81	2.85	32.46	2.91
		95	23.53	2.69	25.17	2.79	26.81	2.89	27.56	2.92	30.09	2.97	31.73	3.03
		100	23.25	2.80	24.92	2.90	26.58	3.01	27.44	3.04	29.90	3.10	31.57	3.16
		105	22.98	2.92	24.66	3.02	26.35	3.13	27.32	3.17	29.72	3.23	31.41	3.29
		110	22.70	3.03	24.41	3.14	26.12	3.25	27.20	3.29	29.54	3.35	30.79	3.37
		115	22.42	3.14	24.16	3.26	25.81	3.37	26.68	3.37	28.42	3.37	29.50	3.37
		118	22.26	3.21	24.00	3.33	25.15	3.37	26.08	3.37	27.68	3.37	28.77	3.37
		122	22.20	3.30	23.60	3.37	24.40	3.37	25.34	3.37	26.90	3.37	27.97	3.37
	7 + 9 + 12	-4	28.05	1.78	29.79	1.85	31.54	1.92	32.79	1.94	35.02	1.98	36.76	2.02
		0	28.04	1.80	29.78	1.87	31.52	1.94	32.78	1.96	35.00	2.00	36.74	2.04
		5	28.01	1.83	29.75	1.90	31.49	1.97	32.75	1.99	34.97	2.03	36.71	2.07
		10	27.99	1.86	29.73	1.93	31.47	2.00	32.72	2.02	34.95	2.06	36.68	2.10
		14	27.97	1.89	29.71	1.96	31.45	2.03	32.70	2.05	34.92	2.09	36.66	2.13
		20	27.95	1.92	29.69	1.99	31.42	2.06	32.67	2.08	34.89	2.12	36.63	2.16
		25	27.93	1.94	29.66	2.01	31.40	2.09	32.65	2.11	34.87	2.15	36.60	2.19
		30	27.91	1.97	29.64	2.04	31.37	2.12	32.62	2.14	34.84	2.18	36.57	2.22
		35	27.89	2.00	29.62	2.07	31.35	2.14	32.60	2.17	34.81	2.21	36.54	2.25
		40	27.86	2.02	29.59	2.10	31.33	2.17	32.57	2.20	34.79	2.24	36.52	2.29
		45	27.84	2.05	29.57	2.13	31.30	2.20	32.55	2.23	34.76	2.27	36.49	2.32
		50	27.82	2.08	29.55	2.15	31.28	2.23	32.53	2.26	34.73	2.30	36.46	2.35
		55	27.80	2.11	29.53	2.18	31.25	2.26	32.50	2.29	34.71	2.33	36.43	2.38
		60	27.78	2.13	29.50	2.21	31.23	2.29	32.48	2.32	34.68	2.36	36.40	2.41
		65	27.76	2.16	29.48	2.24	31.21	2.32	32.45	2.35	34.65	2.39	36.38	2.44
		70	27.74	2.19	29.46	2.27	31.18	2.35	32.43	2.38	34.63	2.42	36.35	2.47
		75	27.07	2.30	28.79	2.39	30.51	2.48	31.75	2.50	33.94	2.55	35.66	2.60
		80	26.40	2.42	28.12	2.51	29.83	2.60	31.07	2.63	33.26	2.68	34.97	2.74
		85	25.74	2.54	27.45	2.63	29.16	2.73	30.39	2.76	32.58	2.81	34.29	2.87
		90	25.08	2.66	26.78	2.76	28.49	2.86	29.72	2.89	31.90	2.94	33.61	3.00
		95	24.36	2.78	26.06	2.88	27.75	2.98	28.53	3.02	31.15	3.07	32.85	3.14
		100	24.07	2.89	25.79	3.00	27.52	3.11	28.41	3.15	30.96	3.20	32.68	3.27
		105	23.79	3.01	25.53	3.12	27.28	3.24	28.28	3.27	30.77	3.33	32.22	3.37
		110	23.50	3.13	25.27	3.24	27.04	3.36	27.91	3.37	29.70	3.37	30.88	3.37
		115	23.21	3.25	25.01	3.37	25.88	3.37	26.77	3.37	28.45	3.37	29.55	3.37
		118	23.04	3.32	24.34	3.37	25.17	3.37	26.10	3.37	27.80	3.37	28.83	3.37
		122	22.71	3.37	23.61	3.37	24.43	3.37	25.38	3.37	26.96	3.37	28.05	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 86: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 12	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	7 + 9 + 15	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 87: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7 + 12 + 12	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	7 + 7 + 18	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 88: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 15	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	9 + 12 + 12	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 89: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7 + 9 + 18	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	7 + 12 + 15	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 90: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9* + 12* + 15	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	12 + 12* + 12*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 91: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9* + 18*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	7 + 12* + 18*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 92: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9* + 12* + 18*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	9* + 15 + 15	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 93: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12* + 12* + 15	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	7 + 9 + 24*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 94: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7 + 15* + 18*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
Four (4) Mixed Indoor Unit	7 + 7 + 7 + 9	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 95: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Unit	7 + 7 + 9 + 9	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	7 + 7 + 7 + 12	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 96: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Unit	7 + 9 + 9 + 9*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	7 + 7 + 9 + 12*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 97: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Unit	9 + 9* + 9* + 9*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	7 + 9 + 9* + 12*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 98: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Unit	7 + 7 + 9* + 15	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	7 + 7 + 12* + 12*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 99: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Unit	9* + 9* + 9* + 12*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	7 + 7 + 7 + 18*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 100: KUMXA301A Maximum Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temperature (°F DB / °F WB)											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Unit	7 + 9* + 9* + 15	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37
	7 + 9* + 12* + 12*	-4	31.26	1.91	33.21	1.98	35.15	2.05	36.55	2.08	39.03	2.12	40.97	2.16
		0	31.25	1.93	33.19	2.00	35.13	2.08	36.53	2.10	39.01	2.14	40.95	2.18
		5	31.22	1.96	33.16	2.03	35.10	2.11	36.50	2.13	38.98	2.17	40.92	2.22
		10	31.20	1.99	33.13	2.07	35.07	2.14	36.47	2.17	38.95	2.21	40.88	2.25
		14	31.17	2.02	33.11	2.10	35.05	2.17	36.44	2.20	38.92	2.24	40.85	2.28
		20	31.15	2.05	33.08	2.13	35.02	2.20	36.42	2.23	38.89	2.27	40.82	2.32
		25	31.13	2.08	33.06	2.16	34.99	2.23	36.39	2.26	38.86	2.30	40.79	2.35
		30	31.10	2.11	33.03	2.19	34.97	2.27	36.36	2.29	38.83	2.33	40.76	2.38
		35	31.08	2.14	33.01	2.22	34.94	2.30	36.33	2.32	38.80	2.37	40.73	2.41
		40	31.05	2.17	32.98	2.25	34.91	2.33	36.30	2.35	38.77	2.40	40.70	2.45
		45	31.03	2.20	32.96	2.28	34.89	2.36	36.28	2.39	38.74	2.43	40.67	2.48
		50	31.01	2.22	32.93	2.31	34.86	2.39	36.25	2.42	38.71	2.46	40.64	2.51
		55	30.98	2.25	32.91	2.34	34.83	2.42	36.22	2.45	38.68	2.49	40.60	2.55
		60	30.96	2.28	32.88	2.37	34.80	2.45	36.19	2.48	38.65	2.53	40.57	2.58
		65	30.94	2.31	32.86	2.40	34.78	2.48	36.17	2.51	38.62	2.56	40.54	2.61
		70	30.91	2.34	32.83	2.43	34.75	2.51	36.14	2.54	38.59	2.59	40.51	2.64
		75	30.17	2.47	32.08	2.56	34.00	2.65	35.38	2.68	37.83	2.73	39.74	2.79
		80	29.42	2.59	31.33	2.69	33.24	2.79	34.62	2.82	37.07	2.87	38.98	2.93
		85	28.69	2.72	30.59	2.82	32.50	2.92	33.87	2.96	36.31	3.01	38.21	3.07
		90	27.95	2.85	29.85	2.95	31.75	3.06	33.12	3.09	35.55	3.15	37.45	3.21
		95	27.15	2.97	29.04	3.08	30.93	3.19	31.80	3.23	34.72	3.29	36.61	3.36
		100	26.83	3.10	28.75	3.21	30.67	3.33	31.66	3.37	33.90	3.37	35.07	3.37
		105	26.51	3.22	28.46	3.34	29.61	3.37	30.35	3.37	32.37	3.37	33.55	3.37
		110	26.19	3.35	27.35	3.37	28.21	3.37	29.06	3.37	30.96	3.37	32.14	3.37
		115	25.05	3.37	26.09	3.37	26.91	3.37	27.86	3.37	29.65	3.37	30.75	3.37
		118	24.38	3.37	25.36	3.37	26.21	3.37	27.20	3.37	28.93	3.37	30.04	3.37
		122	23.65	3.37	24.58	3.37	25.43	3.37	26.43	3.37	28.04	3.37	29.15	3.37

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F MAX WITH LGRED MAXIMUM COOLING CAPACITY TABLES

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Multi F MAX KUMXA421A on page 436

Multi F MAX KUMXA481A on page 496

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 1: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	20.35	0.96	21.61	0.99	22.88	1.03	23.79	1.04	25.41	1.06	26.67	1.08
	0	20.34	0.97	21.60	1.00	22.87	1.04	23.78	1.05	25.39	1.07	26.66	1.09
	5	20.32	0.98	21.59	1.02	22.85	1.06	23.76	1.07	25.37	1.09	26.63	1.11
	10	20.31	1.00	21.57	1.03	22.83	1.07	23.74	1.08	25.35	1.10	26.61	1.13
	14	20.29	1.01	21.55	1.05	22.81	1.09	23.72	1.10	25.33	1.12	26.59	1.14
	20	20.28	1.03	21.54	1.06	22.80	1.10	23.70	1.12	25.31	1.14	26.57	1.16
	25	20.26	1.04	21.52	1.08	22.78	1.12	23.69	1.13	25.29	1.15	26.55	1.18
	30	20.25	1.06	21.50	1.09	22.76	1.13	23.67	1.15	25.28	1.17	26.53	1.19
	35	20.23	1.07	21.49	1.11	22.74	1.15	23.65	1.16	25.26	1.18	26.51	1.21
	40	20.21	1.08	21.47	1.12	22.73	1.17	23.63	1.18	25.24	1.20	26.49	1.23
	45	20.20	1.10	21.45	1.14	22.71	1.18	23.61	1.19	25.22	1.22	26.47	1.24
	50	20.18	1.11	21.44	1.15	22.69	1.20	23.60	1.21	25.20	1.23	26.45	1.26
	55	20.17	1.13	21.42	1.17	22.67	1.21	23.58	1.23	25.18	1.25	26.43	1.27
	60	20.15	1.14	21.40	1.18	22.66	1.23	23.56	1.24	25.16	1.27	26.41	1.29
	65	20.14	1.16	21.39	1.20	22.64	1.24	23.54	1.26	25.14	1.28	26.39	1.31
	70	20.12	1.17	21.37	1.21	22.62	1.26	23.52	1.27	25.12	1.30	26.37	1.32
	75	19.64	1.24	20.88	1.28	22.13	1.33	23.03	1.34	24.62	1.37	25.87	1.39
	80	19.15	1.30	20.40	1.35	21.64	1.39	22.54	1.41	24.13	1.44	25.37	1.47
	85	18.67	1.36	19.91	1.41	21.15	1.46	22.05	1.48	23.64	1.51	24.88	1.54
	90	18.19	1.42	19.43	1.48	20.67	1.53	21.56	1.55	23.14	1.58	24.38	1.61
	95	17.67	1.49	18.90	1.54	20.14	1.60	20.70	1.62	22.60	1.65	23.83	1.68
	100	17.46	1.55	18.71	1.61	19.96	1.67	20.61	1.69	22.46	1.72	23.71	1.75
	105	17.26	1.61	18.52	1.67	19.79	1.73	20.52	1.75	22.32	1.79	23.59	1.82
	110	17.05	1.68	18.33	1.74	19.62	1.80	20.43	1.82	22.18	1.86	23.47	1.89
	115	16.84	1.74	18.14	1.80	19.44	1.87	20.34	1.89	22.05	1.93	23.35	1.97
	118	16.72	1.78	18.03	1.84	19.34	1.91	20.29	1.93	21.96	1.97	23.27	2.01
	122	16.67	1.83	17.99	1.90	19.30	1.97	20.27	1.99	21.94	2.03	23.25	2.07
19	-4	21.39	1.01	22.72	1.05	24.04	1.08	25.00	1.10	26.70	1.12	28.03	1.14
	0	21.38	1.02	22.70	1.06	24.03	1.10	24.99	1.11	26.69	1.13	28.01	1.15
	5	21.36	1.04	22.69	1.07	24.01	1.11	24.97	1.13	26.66	1.15	27.99	1.17
	10	21.34	1.05	22.67	1.09	23.99	1.13	24.95	1.14	26.64	1.16	27.97	1.19
	14	21.33	1.07	22.65	1.11	23.98	1.15	24.93	1.16	26.62	1.18	27.95	1.21
	20	21.31	1.08	22.63	1.12	23.96	1.16	24.91	1.18	26.60	1.20	27.93	1.22
	25	21.29	1.10	22.62	1.14	23.94	1.18	24.89	1.19	26.58	1.22	27.91	1.24
	30	21.28	1.11	22.60	1.15	23.92	1.20	24.87	1.21	26.56	1.23	27.88	1.26
	35	21.26	1.13	22.58	1.17	23.90	1.21	24.86	1.23	26.54	1.25	27.86	1.27
	40	21.24	1.14	22.56	1.19	23.88	1.23	24.84	1.24	26.52	1.27	27.84	1.29
	45	21.23	1.16	22.55	1.20	23.87	1.25	24.82	1.26	26.50	1.28	27.82	1.31
	50	21.21	1.17	22.53	1.22	23.85	1.26	24.80	1.28	26.48	1.30	27.80	1.33
	55	21.20	1.19	22.51	1.23	23.83	1.28	24.78	1.29	26.46	1.32	27.78	1.34
	60	21.18	1.21	22.50	1.25	23.81	1.29	24.76	1.31	26.44	1.33	27.76	1.36
	65	21.16	1.22	22.48	1.27	23.79	1.31	24.74	1.33	26.42	1.35	27.74	1.38
	70	21.15	1.24	22.46	1.28	23.77	1.33	24.72	1.34	26.40	1.37	27.71	1.40
	75	20.64	1.30	21.95	1.35	23.26	1.40	24.20	1.42	25.88	1.44	27.19	1.47
	80	20.13	1.37	21.44	1.42	22.74	1.47	23.69	1.49	25.36	1.52	26.66	1.55
	85	19.63	1.44	20.93	1.49	22.23	1.54	23.17	1.56	24.84	1.59	26.14	1.62
	90	19.12	1.50	20.42	1.56	21.72	1.61	22.66	1.63	24.32	1.66	25.62	1.70
	95	18.57	1.57	19.87	1.63	21.16	1.69	21.75	1.71	23.75	1.74	25.04	1.77
	100	18.35	1.64	19.67	1.70	20.98	1.76	21.66	1.78	23.60	1.81	24.92	1.85
	105	18.14	1.70	19.47	1.76	20.80	1.83	21.57	1.85	23.46	1.88	24.79	1.92
	110	17.92	1.77	19.27	1.83	20.61	1.90	21.47	1.92	23.31	1.96	24.66	2.00
	115	17.70	1.84	19.07	1.90	20.43	1.97	21.38	2.00	23.17	2.03	24.54	2.07
	118	17.57	1.88	18.95	1.94	20.32	2.02	21.32	2.04	23.08	2.08	24.46	2.12
	122	17.52	1.93	18.91	2.00	20.29	2.07	21.30	2.10	23.05	2.14	24.43	2.18

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 2: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	22.42	1.06	23.82	1.10	25.21	1.14	26.22	1.15	28.00	1.17	29.39	1.20
	0	22.41	1.07	23.80	1.11	25.20	1.15	26.20	1.17	27.98	1.19	29.37	1.21
	5	22.39	1.09	23.79	1.13	25.18	1.17	26.18	1.18	27.96	1.21	29.35	1.23
	10	22.38	1.11	23.77	1.15	25.16	1.19	26.16	1.20	27.94	1.22	29.33	1.25
	14	22.36	1.12	23.75	1.16	25.14	1.21	26.14	1.22	27.91	1.24	29.30	1.27
	20	22.34	1.14	23.73	1.18	25.12	1.22	26.12	1.24	27.89	1.26	29.28	1.29
	25	22.33	1.15	23.71	1.20	25.10	1.24	26.10	1.25	27.87	1.28	29.26	1.30
	30	22.31	1.17	23.69	1.21	25.08	1.26	26.08	1.27	27.85	1.30	29.24	1.32
	35	22.29	1.19	23.68	1.23	25.06	1.28	26.06	1.29	27.83	1.31	29.21	1.34
	40	22.27	1.20	23.66	1.25	25.04	1.29	26.04	1.31	27.81	1.33	29.19	1.36
	45	22.26	1.22	23.64	1.26	25.02	1.31	26.02	1.33	27.79	1.35	29.17	1.38
	50	22.24	1.24	23.62	1.28	25.00	1.33	26.00	1.34	27.77	1.37	29.15	1.40
	55	22.22	1.25	23.60	1.30	24.98	1.34	25.98	1.36	27.74	1.39	29.12	1.41
	60	22.21	1.27	23.59	1.31	24.96	1.36	25.96	1.38	27.72	1.40	29.10	1.43
	65	22.19	1.28	23.57	1.33	24.95	1.38	25.94	1.40	27.70	1.42	29.08	1.45
	70	22.17	1.30	23.55	1.35	24.93	1.40	25.92	1.41	27.68	1.44	29.06	1.47
	75	21.64	1.37	23.01	1.42	24.39	1.47	25.38	1.49	27.13	1.52	28.51	1.55
	80	21.11	1.44	22.48	1.49	23.85	1.55	24.84	1.57	26.59	1.59	27.96	1.63
	85	20.58	1.51	21.94	1.57	23.31	1.62	24.30	1.64	26.04	1.67	27.41	1.71
	90	20.05	1.58	21.41	1.64	22.77	1.70	23.76	1.72	25.50	1.75	26.86	1.78
	95	19.47	1.65	20.83	1.71	22.19	1.77	22.81	1.79	24.90	1.83	26.26	1.86
	100	19.24	1.72	20.62	1.78	22.00	1.85	22.71	1.87	24.75	1.91	26.12	1.94
21	105	19.02	1.79	20.41	1.86	21.81	1.92	22.61	1.95	24.60	1.98	25.99	2.02
	110	18.79	1.86	20.20	1.93	21.61	2.00	22.51	2.02	24.44	2.06	25.86	2.10
	115	18.56	1.93	19.99	2.00	21.42	2.07	22.41	2.10	24.29	2.14	25.72	2.18
	118	18.42	1.97	19.86	2.05	21.31	2.12	22.35	2.14	24.20	2.18	25.64	2.23
	122	18.37	2.03	19.82	2.10	21.27	2.18	22.33	2.21	24.17	2.25	25.62	2.29
	-4	23.46	1.11	24.92	1.15	26.38	1.20	27.43	1.21	29.29	1.23	30.75	1.26
	0	23.45	1.13	24.91	1.17	26.36	1.21	27.41	1.22	29.27	1.25	30.73	1.27
	5	23.43	1.14	24.88	1.19	26.34	1.23	27.39	1.24	29.25	1.27	30.71	1.29
	10	23.41	1.16	24.87	1.20	26.32	1.25	27.37	1.26	29.23	1.29	30.68	1.31
	14	23.39	1.18	24.85	1.22	26.30	1.27	27.35	1.28	29.21	1.30	30.66	1.33
	20	23.38	1.20	24.83	1.24	26.28	1.28	27.33	1.30	29.18	1.32	30.64	1.35
	25	23.36	1.21	24.81	1.26	26.26	1.30	27.31	1.32	29.16	1.34	30.61	1.37
	30	23.34	1.23	24.79	1.27	26.24	1.32	27.29	1.34	29.14	1.36	30.59	1.39
	35	23.32	1.25	24.77	1.29	26.22	1.34	27.27	1.35	29.12	1.38	30.56	1.41
	40	23.30	1.26	24.75	1.31	26.20	1.36	27.24	1.37	29.09	1.40	30.54	1.43
	45	23.29	1.28	24.73	1.33	26.18	1.38	27.22	1.39	29.07	1.42	30.52	1.45
	50	23.27	1.30	24.71	1.34	26.16	1.39	27.20	1.41	29.05	1.44	30.49	1.46
	55	23.25	1.31	24.70	1.36	26.14	1.41	27.18	1.43	29.03	1.45	30.47	1.48
	60	23.23	1.33	24.68	1.38	26.12	1.43	27.16	1.45	29.01	1.47	30.45	1.50
	65	23.22	1.35	24.66	1.40	26.10	1.45	27.14	1.46	28.98	1.49	30.42	1.52
	70	23.20	1.36	24.64	1.41	26.08	1.47	27.12	1.48	28.96	1.51	30.40	1.54
	75	22.64	1.44	24.08	1.49	25.51	1.55	26.55	1.56	28.39	1.59	29.83	1.62
	80	22.08	1.51	23.51	1.57	24.95	1.62	25.98	1.64	27.82	1.67	29.25	1.71
	85	21.53	1.59	22.96	1.64	24.39	1.70	25.42	1.72	27.25	1.76	28.68	1.79
	90	20.97	1.66	22.40	1.72	23.83	1.78	24.86	1.80	26.68	1.84	28.11	1.87
	95	20.37	1.73	21.79	1.80	23.21	1.86	23.86	1.88	26.05	1.92	27.47	1.96
	100	20.13	1.81	21.57	1.87	23.01	1.94	23.76	1.96	25.89	2.00	27.33	2.04
	105	19.89	1.88	21.35	1.95	22.81	2.02	23.66	2.04	25.73	2.08	27.19	2.12
	110	19.65	1.95	21.13	2.02	22.61	2.10	23.55	2.12	25.57	2.16	27.05	2.21
	115	19.41	2.03	20.92	2.10	22.41	2.18	23.45	2.20	25.42	2.24	26.91	2.29
	118	19.27	2.07	20.78	2.15	22.29	2.23	23.39	2.25	25.32	2.29	26.83	2.34
	122	19.22	2.13	20.74	2.21	22.25	2.29	23.37	2.32	25.29	2.36	26.80	2.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 3: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	24.50	1.17	26.02	1.21	27.54	1.25	28.64	1.27	30.58	1.29	32.11	1.32
	0	24.49	1.18	26.01	1.22	27.53	1.27	28.63	1.28	30.57	1.31	32.09	1.33
	5	24.47	1.20	25.98	1.24	27.50	1.29	28.60	1.30	30.54	1.33	32.06	1.35
	10	24.45	1.22	25.96	1.26	27.48	1.31	28.58	1.32	30.52	1.35	32.04	1.37
	14	24.43	1.23	25.95	1.28	27.46	1.33	28.56	1.34	30.50	1.37	32.01	1.39
	20	24.41	1.25	25.93	1.30	27.44	1.35	28.54	1.36	30.47	1.39	31.99	1.41
	25	24.39	1.27	25.91	1.32	27.42	1.36	28.51	1.38	30.45	1.41	31.96	1.43
	30	24.37	1.29	25.89	1.33	27.40	1.38	28.49	1.40	30.43	1.43	31.94	1.45
	35	24.35	1.31	25.87	1.35	27.38	1.40	28.47	1.42	30.40	1.45	31.92	1.47
	40	24.33	1.32	25.85	1.37	27.36	1.42	28.45	1.44	30.38	1.46	31.89	1.49
	45	24.32	1.34	25.83	1.39	27.34	1.44	28.43	1.46	30.36	1.48	31.87	1.51
	50	24.30	1.36	25.81	1.41	27.32	1.46	28.41	1.48	30.33	1.50	31.84	1.53
	55	24.28	1.38	25.79	1.43	27.29	1.48	28.38	1.50	30.31	1.52	31.82	1.55
	60	24.26	1.39	25.77	1.45	27.27	1.50	28.36	1.52	30.29	1.54	31.79	1.57
	65	24.24	1.41	25.75	1.46	27.25	1.52	28.34	1.53	30.26	1.56	31.77	1.59
	70	24.22	1.43	25.73	1.48	27.23	1.54	28.32	1.55	30.24	1.58	31.74	1.61
	75	23.64	1.51	25.14	1.56	26.64	1.62	27.73	1.64	29.64	1.67	31.14	1.70
	80	23.06	1.58	24.55	1.64	26.05	1.70	27.13	1.72	29.05	1.75	30.54	1.79
	85	22.48	1.66	23.97	1.72	25.47	1.78	26.54	1.81	28.45	1.84	29.95	1.88
	90	21.90	1.74	23.39	1.80	24.88	1.87	25.96	1.89	27.86	1.92	29.35	1.96
	95	21.27	1.82	22.76	1.88	24.24	1.95	24.92	1.97	27.20	2.01	28.69	2.05
	100	21.02	1.89	22.53	1.96	24.03	2.03	24.81	2.06	27.04	2.10	28.54	2.14
	105	20.77	1.97	22.30	2.04	23.82	2.12	24.70	2.14	26.87	2.18	28.39	2.22
	110	20.52	2.05	22.07	2.12	23.61	2.20	24.59	2.22	26.70	2.27	28.25	2.31
	115	20.27	2.12	21.84	2.20	23.40	2.28	24.49	2.31	26.54	2.35	28.10	2.40
	118	20.12	2.17	21.70	2.25	23.28	2.33	24.42	2.36	26.44	2.40	28.02	2.45
	122	20.07	2.23	21.66	2.31	23.24	2.40	24.40	2.43	26.41	2.47	27.99	2.52
23	-4	25.54	1.22	27.12	1.27	28.71	1.31	29.85	1.33	31.88	1.35	33.47	1.38
	0	25.52	1.23	27.11	1.28	28.69	1.33	29.84	1.34	31.86	1.37	33.45	1.39
	5	25.50	1.25	27.08	1.30	28.67	1.35	29.81	1.36	31.84	1.39	33.42	1.42
	10	25.48	1.27	27.06	1.32	28.65	1.37	29.79	1.38	31.81	1.41	33.39	1.44
	14	25.46	1.29	27.04	1.34	28.62	1.39	29.77	1.40	31.79	1.43	33.37	1.46
	20	25.44	1.31	27.02	1.36	28.60	1.41	29.74	1.42	31.76	1.45	33.34	1.48
	25	25.42	1.33	27.00	1.38	28.58	1.43	29.72	1.44	31.74	1.47	33.32	1.50
	30	25.40	1.35	26.98	1.40	28.56	1.45	29.70	1.46	31.71	1.49	33.29	1.52
	35	25.38	1.37	26.96	1.42	28.54	1.47	29.68	1.48	31.69	1.51	33.27	1.54
	40	25.36	1.38	26.94	1.43	28.52	1.49	29.65	1.50	31.67	1.53	33.24	1.56
	45	25.35	1.40	26.92	1.45	28.49	1.51	29.63	1.52	31.64	1.55	33.22	1.58
	50	25.33	1.42	26.90	1.47	28.47	1.53	29.61	1.54	31.62	1.57	33.19	1.60
	55	25.31	1.44	26.88	1.49	28.45	1.55	29.59	1.56	31.59	1.59	33.16	1.63
	60	25.29	1.46	26.86	1.51	28.43	1.57	29.56	1.58	31.57	1.61	33.14	1.65
	65	25.27	1.48	26.84	1.53	28.41	1.59	29.54	1.60	31.54	1.63	33.11	1.67
	70	25.25	1.50	26.82	1.55	28.38	1.61	29.52	1.62	31.52	1.66	33.09	1.69
	75	24.64	1.58	26.21	1.63	27.77	1.69	28.90	1.71	30.90	1.74	32.46	1.78
	80	24.03	1.66	25.59	1.72	27.15	1.78	28.28	1.80	30.27	1.83	31.83	1.87
	85	23.43	1.74	24.99	1.80	26.54	1.87	27.67	1.89	29.66	1.92	31.21	1.96
	90	22.83	1.82	24.38	1.88	25.93	1.95	27.06	1.98	29.04	2.01	30.59	2.05
	95	22.18	1.90	23.72	1.97	25.27	2.04	25.97	2.06	28.35	2.10	29.90	2.14
	100	21.91	1.98	23.48	2.05	25.05	2.13	25.86	2.15	28.18	2.19	29.75	2.24
	105	21.65	2.06	23.24	2.14	24.83	2.21	25.75	2.24	28.01	2.28	29.60	2.33
	110	21.39	2.14	23.00	2.22	24.61	2.30	25.64	2.33	27.84	2.37	29.44	2.42
	115	21.13	2.22	22.76	2.30	24.40	2.39	25.52	2.41	27.66	2.46	29.29	2.51
	118	20.97	2.27	22.62	2.35	24.26	2.44	25.45	2.47	27.56	2.51	29.20	2.56
	122	20.92	2.33	22.57	2.42	24.22	2.51	25.43	2.54	27.52	2.58	29.17	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 4: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	26.57	1.27	28.22	1.32	29.87	1.37	31.07	1.39	33.17	1.41	34.82	1.44
	0	26.56	1.29	28.21	1.34	29.86	1.38	31.05	1.40	33.16	1.43	34.81	1.46
	5	26.54	1.31	28.18	1.36	29.83	1.41	31.02	1.42	33.13	1.45	34.78	1.48
	10	26.52	1.33	28.16	1.38	29.81	1.43	31.00	1.44	33.10	1.47	34.75	1.50
	14	26.50	1.35	28.14	1.40	29.79	1.45	30.98	1.47	33.08	1.49	34.72	1.52
	20	26.48	1.37	28.12	1.42	29.76	1.47	30.95	1.49	33.05	1.51	34.70	1.54
	25	26.46	1.39	28.10	1.44	29.74	1.49	30.93	1.51	33.03	1.54	34.67	1.57
	30	26.44	1.41	28.08	1.46	29.72	1.51	30.90	1.53	33.00	1.56	34.64	1.59
	35	26.42	1.43	28.06	1.48	29.70	1.53	30.88	1.55	32.98	1.58	34.62	1.61
	40	26.39	1.44	28.03	1.50	29.67	1.55	30.86	1.57	32.95	1.60	34.59	1.63
	45	26.37	1.46	28.01	1.52	29.65	1.57	30.83	1.59	32.93	1.62	34.56	1.65
	50	26.35	1.48	27.99	1.54	29.63	1.59	30.81	1.61	32.90	1.64	34.54	1.68
	55	26.33	1.50	27.97	1.56	29.61	1.61	30.79	1.63	32.88	1.66	34.51	1.70
	60	26.31	1.52	27.95	1.58	29.58	1.64	30.76	1.65	32.85	1.69	34.49	1.72
	65	26.29	1.54	27.93	1.60	29.56	1.66	30.74	1.68	32.83	1.71	34.46	1.74
	70	26.27	1.56	27.91	1.62	29.54	1.68	30.72	1.70	32.80	1.73	34.43	1.76
	75	25.64	1.65	27.27	1.71	28.90	1.77	30.07	1.79	32.15	1.82	33.78	1.86
	80	25.01	1.73	26.63	1.79	28.26	1.86	29.43	1.88	31.50	1.91	33.13	1.95
	85	24.38	1.81	26.00	1.88	27.62	1.95	28.79	1.97	30.86	2.01	32.48	2.05
	90	23.76	1.90	25.37	1.97	26.99	2.04	28.15	2.06	30.22	2.10	31.83	2.14
	95	23.08	1.98	24.68	2.05	26.29	2.13	27.03	2.15	29.51	2.19	31.11	2.24
	100	22.80	2.07	24.43	2.14	26.06	2.22	26.91	2.25	29.33	2.29	30.96	2.33
	105	22.53	2.15	24.19	2.23	25.84	2.31	26.79	2.34	29.15	2.38	30.80	2.43
	110	22.26	2.23	23.94	2.32	25.61	2.40	26.68	2.43	28.97	2.47	30.64	2.52
	115	21.99	2.32	23.69	2.40	25.39	2.49	26.56	2.52	28.79	2.57	30.48	2.62
	118	21.83	2.37	23.54	2.46	25.25	2.55	26.49	2.58	28.68	2.62	30.39	2.68
	122	21.77	2.44	23.49	2.53	25.20	2.62	26.46	2.65	28.64	2.70	30.36	2.75
25	-4	27.61	1.33	29.32	1.38	31.04	1.43	32.28	1.44	34.47	1.47	36.18	1.50
	0	27.59	1.34	29.31	1.39	31.02	1.44	32.26	1.46	34.45	1.49	36.16	1.52
	5	27.57	1.37	29.28	1.41	31.00	1.47	32.23	1.48	34.42	1.51	36.13	1.54
	10	27.55	1.39	29.26	1.44	30.97	1.49	32.21	1.51	34.40	1.53	36.11	1.56
	14	27.53	1.41	29.24	1.46	30.95	1.51	32.18	1.53	34.37	1.56	36.08	1.59
	20	27.51	1.43	29.22	1.48	30.93	1.53	32.16	1.55	34.34	1.58	36.05	1.61
	25	27.49	1.45	29.20	1.50	30.90	1.55	32.14	1.57	34.32	1.60	36.02	1.63
	30	27.47	1.47	29.17	1.52	30.88	1.58	32.11	1.59	34.29	1.62	36.00	1.66
	35	27.45	1.49	29.15	1.54	30.86	1.60	32.09	1.62	34.26	1.65	35.97	1.68
	40	27.43	1.51	29.13	1.56	30.83	1.62	32.06	1.64	34.24	1.67	35.94	1.70
	45	27.40	1.53	29.11	1.58	30.81	1.64	32.04	1.66	34.21	1.69	35.91	1.72
	50	27.38	1.55	29.08	1.60	30.78	1.66	32.01	1.68	34.19	1.71	35.89	1.75
	55	27.36	1.57	29.06	1.62	30.76	1.68	31.99	1.70	34.16	1.73	35.86	1.77
	60	27.34	1.59	29.04	1.65	30.74	1.71	31.96	1.72	34.13	1.76	35.83	1.79
	65	27.32	1.61	29.02	1.67	30.71	1.73	31.94	1.75	34.11	1.78	35.80	1.82
	70	27.30	1.63	28.99	1.69	30.69	1.75	31.91	1.77	34.08	1.80	35.78	1.84
	75	26.64	1.72	28.33	1.78	30.02	1.84	31.25	1.86	33.41	1.90	35.10	1.94
	80	25.99	1.80	27.67	1.87	29.36	1.94	30.58	1.96	32.73	2.00	34.42	2.04
	85	25.33	1.89	27.02	1.96	28.70	2.03	29.92	2.06	32.07	2.09	33.75	2.14
	90	24.68	1.98	26.36	2.05	28.04	2.13	29.25	2.15	31.40	2.19	33.08	2.23
	95	23.98	2.07	25.65	2.14	27.32	2.22	28.08	2.25	30.66	2.29	32.33	2.33
	100	23.69	2.15	25.39	2.23	27.08	2.31	27.96	2.34	30.47	2.39	32.16	2.43
	105	23.41	2.24	25.13	2.32	26.85	2.41	27.84	2.44	30.28	2.48	32.00	2.53
	110	23.13	2.33	24.87	2.42	26.61	2.50	27.72	2.53	30.10	2.58	31.84	2.63
	115	22.85	2.42	24.61	2.51	26.38	2.60	27.59	2.63	29.91	2.68	31.67	2.73
	118	22.68	2.47	24.46	2.56	26.24	2.65	27.52	2.68	29.80	2.74	31.57	2.79
	122	22.62	2.54	24.41	2.63	26.19	2.73	27.50	2.76	29.76	2.81	31.54	2.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 5: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	28.65	1.38	30.43	1.43	32.20	1.49	33.49	1.50	35.76	1.53	37.54	1.56
	0	28.63	1.40	30.41	1.45	32.19	1.50	33.47	1.52	35.74	1.55	37.52	1.58
	5	28.61	1.42	30.38	1.47	32.16	1.53	33.44	1.54	35.71	1.57	37.49	1.60
	10	28.59	1.44	30.36	1.49	32.14	1.55	33.42	1.57	35.69	1.60	37.46	1.63
	14	28.56	1.46	30.34	1.52	32.11	1.57	33.39	1.59	35.66	1.62	37.43	1.65
	20	28.54	1.48	30.31	1.54	32.09	1.59	33.37	1.61	35.63	1.64	37.41	1.68
	25	28.52	1.51	30.29	1.56	32.06	1.62	33.34	1.64	35.61	1.67	37.38	1.70
	30	28.50	1.53	30.27	1.58	32.04	1.64	33.32	1.66	35.58	1.69	37.35	1.72
	35	28.48	1.55	30.25	1.60	32.01	1.66	33.29	1.68	35.55	1.71	37.32	1.75
	40	28.46	1.57	30.22	1.63	31.99	1.68	33.27	1.70	35.52	1.74	37.29	1.77
	45	28.43	1.59	30.20	1.65	31.96	1.71	33.24	1.73	35.50	1.76	37.26	1.79
	50	28.41	1.61	30.18	1.67	31.94	1.73	33.21	1.75	35.47	1.78	37.23	1.82
	55	28.39	1.63	30.15	1.69	31.92	1.75	33.19	1.77	35.44	1.81	37.21	1.84
	60	28.37	1.65	30.13	1.71	31.89	1.78	33.16	1.80	35.42	1.83	37.18	1.87
	65	28.35	1.67	30.11	1.73	31.87	1.80	33.14	1.82	35.39	1.85	37.15	1.89
	70	28.32	1.69	30.08	1.76	31.84	1.82	33.11	1.84	35.36	1.88	37.12	1.91
	75	27.64	1.79	29.40	1.85	31.15	1.92	32.42	1.94	34.66	1.98	36.42	2.02
	80	26.96	1.88	28.71	1.95	30.46	2.02	31.73	2.04	33.96	2.08	35.71	2.12
	85	26.29	1.97	28.03	2.04	29.78	2.12	31.04	2.14	33.27	2.18	35.02	2.22
	90	25.61	2.06	27.35	2.14	29.09	2.21	30.35	2.24	32.58	2.28	34.32	2.33
	95	24.88	2.15	26.61	2.23	28.34	2.31	29.14	2.34	31.81	2.38	33.54	2.43
	100	24.58	2.24	26.34	2.32	28.10	2.41	29.01	2.44	31.61	2.48	33.37	2.53
	105	24.29	2.33	26.07	2.42	27.86	2.51	28.88	2.54	31.42	2.58	33.20	2.64
	110	24.00	2.43	25.81	2.51	27.61	2.61	28.76	2.64	31.23	2.69	33.03	2.74
	115	23.70	2.52	25.54	2.61	27.37	2.70	28.63	2.74	31.03	2.79	32.86	2.84
	118	23.53	2.57	25.38	2.67	27.22	2.76	28.56	2.80	30.92	2.85	32.76	2.90
	122	23.47	2.65	25.32	2.74	27.17	2.84	28.53	2.87	30.88	2.93	32.73	2.99
27	-4	29.68	1.44	31.53	1.49	33.37	1.55	34.70	1.56	37.06	1.59	38.90	1.62
	0	29.67	1.45	31.51	1.51	33.35	1.56	34.68	1.58	37.04	1.61	38.88	1.64
	5	29.64	1.48	31.48	1.53	33.33	1.59	34.65	1.61	37.01	1.64	38.85	1.67
	10	29.62	1.50	31.46	1.55	33.30	1.61	34.63	1.63	36.98	1.66	38.82	1.69
	14	29.60	1.52	31.44	1.58	33.27	1.63	34.60	1.65	36.95	1.68	38.79	1.72
	20	29.58	1.54	31.41	1.60	33.25	1.66	34.58	1.68	36.92	1.71	38.76	1.74
	25	29.55	1.57	31.39	1.62	33.22	1.68	34.55	1.70	36.89	1.73	38.73	1.77
	30	29.53	1.59	31.36	1.64	33.20	1.70	34.52	1.72	36.87	1.76	38.70	1.79
	35	29.51	1.61	31.34	1.67	33.17	1.73	34.50	1.75	36.84	1.78	38.67	1.82
	40	29.49	1.63	31.32	1.69	33.15	1.75	34.47	1.77	36.81	1.81	38.64	1.84
	45	29.46	1.65	31.29	1.71	33.12	1.78	34.44	1.80	36.78	1.83	38.61	1.87
	50	29.44	1.67	31.27	1.74	33.10	1.80	34.42	1.82	36.75	1.85	38.58	1.89
	55	29.42	1.70	31.24	1.76	33.07	1.82	34.39	1.84	36.73	1.88	38.55	1.92
	60	29.39	1.72	31.22	1.78	33.05	1.85	34.36	1.87	36.70	1.90	38.52	1.94
	65	29.37	1.74	31.20	1.80	33.02	1.87	34.34	1.89	36.67	1.93	38.49	1.96
	70	29.35	1.76	31.17	1.83	33.00	1.89	34.31	1.91	36.64	1.95	38.46	1.99
	75	28.64	1.86	30.46	1.92	32.28	1.99	33.59	2.02	35.92	2.06	37.73	2.10
	80	27.94	1.95	29.75	2.02	31.56	2.10	32.87	2.12	35.19	2.16	37.01	2.20
	85	27.24	2.05	29.05	2.12	30.86	2.20	32.16	2.22	34.47	2.27	36.28	2.31
	90	26.54	2.14	28.34	2.22	30.15	2.30	31.45	2.33	33.76	2.37	35.56	2.42
	95	25.78	2.24	27.57	2.32	29.37	2.40	30.19	2.43	32.96	2.48	34.76	2.53
	100	25.47	2.33	27.30	2.42	29.12	2.51	30.06	2.53	32.76	2.58	34.58	2.63
	105	25.17	2.43	27.02	2.52	28.86	2.61	29.93	2.64	32.56	2.69	34.40	2.74
	110	24.87	2.52	26.74	2.61	28.61	2.71	29.80	2.74	32.36	2.79	34.23	2.85
	115	24.56	2.62	26.46	2.71	28.36	2.81	29.67	2.84	32.16	2.90	34.05	2.96
	118	24.38	2.67	26.29	2.77	28.21	2.87	29.59	2.91	32.03	2.96	33.95	3.02
	122	24.32	2.75	26.24	2.85	28.16	2.95	29.56	2.99	31.99	3.04	33.91	3.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 6: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	30.72	1.49	32.63	1.55	34.54	1.60	35.91	1.62	38.35	1.65	40.26	1.69
	0	30.70	1.51	32.61	1.57	34.52	1.62	35.89	1.64	38.33	1.67	40.24	1.71
	5	30.68	1.53	32.58	1.59	34.49	1.65	35.87	1.67	38.30	1.70	40.21	1.73
	10	30.66	1.56	32.56	1.61	34.46	1.67	35.84	1.69	38.27	1.72	40.17	1.76
	14	30.63	1.58	32.53	1.64	34.44	1.70	35.81	1.72	38.24	1.75	40.14	1.78
	20	30.61	1.60	32.51	1.66	34.41	1.72	35.78	1.74	38.21	1.77	40.11	1.81
	25	30.59	1.63	32.48	1.68	34.38	1.75	35.76	1.77	38.18	1.80	40.08	1.84
	30	30.56	1.65	32.46	1.71	34.36	1.77	35.73	1.79	38.15	1.82	40.05	1.86
	35	30.54	1.67	32.44	1.73	34.33	1.79	35.70	1.82	38.12	1.85	40.02	1.89
	40	30.52	1.69	32.41	1.76	34.31	1.82	35.67	1.84	38.10	1.87	39.99	1.91
	45	30.49	1.72	32.39	1.78	34.28	1.84	35.65	1.86	38.07	1.90	39.96	1.94
	50	30.47	1.74	32.36	1.80	34.25	1.87	35.62	1.89	38.04	1.92	39.93	1.96
	55	30.45	1.76	32.34	1.83	34.23	1.89	35.59	1.91	38.01	1.95	39.90	1.99
	60	30.42	1.78	32.31	1.85	34.20	1.92	35.56	1.94	37.98	1.98	39.87	2.01
	65	30.40	1.81	32.29	1.87	34.17	1.94	35.54	1.96	37.95	2.00	39.84	2.04
	70	30.37	1.83	32.26	1.90	34.15	1.97	35.51	1.99	37.92	2.03	39.81	2.07
	75	29.64	1.93	31.53	2.00	33.41	2.07	34.77	2.10	37.17	2.13	39.05	2.18
	80	28.91	2.03	30.79	2.10	32.67	2.18	34.02	2.20	36.42	2.24	38.30	2.29
	85	28.19	2.13	30.06	2.20	31.93	2.28	33.29	2.31	35.68	2.35	37.55	2.40
	90	27.46	2.22	29.33	2.31	31.20	2.39	32.55	2.42	34.94	2.46	36.80	2.51
	95	26.68	2.32	28.54	2.41	30.39	2.50	31.25	2.52	34.11	2.57	35.97	2.62
	100	26.36	2.42	28.25	2.51	30.13	2.60	31.11	2.63	33.90	2.68	35.79	2.73
29	105	26.05	2.52	27.96	2.61	29.87	2.71	30.98	2.74	33.70	2.79	35.61	2.85
	110	25.74	2.62	27.67	2.71	29.61	2.81	30.84	2.85	33.49	2.90	35.42	2.96
	115	25.42	2.72	27.39	2.82	29.35	2.92	30.70	2.95	33.28	3.01	35.24	3.07
	118	25.23	2.78	27.21	2.88	29.19	2.98	30.62	3.02	33.15	3.07	35.13	3.14
	122	25.17	2.86	27.16	2.96	29.14	3.07	30.60	3.10	33.11	3.16	35.10	3.23
	-4	31.76	1.55	33.73	1.61	35.70	1.66	37.13	1.68	39.65	1.72	41.62	1.75
	0	31.74	1.57	33.71	1.62	35.68	1.68	37.11	1.70	39.63	1.73	41.60	1.77
	5	31.71	1.59	33.68	1.65	35.65	1.71	37.08	1.73	39.59	1.76	41.56	1.80
	10	31.69	1.62	33.66	1.67	35.63	1.74	37.05	1.76	39.56	1.79	41.53	1.82
	14	31.67	1.64	33.63	1.70	35.60	1.76	37.02	1.78	39.53	1.81	41.50	1.85
	20	31.64	1.66	33.61	1.72	35.57	1.79	36.99	1.81	39.50	1.84	41.47	1.88
	25	31.62	1.69	33.58	1.75	35.54	1.81	36.96	1.83	39.47	1.87	41.44	1.90
	30	31.59	1.71	33.56	1.77	35.52	1.84	36.93	1.86	39.44	1.89	41.40	1.93
	35	31.57	1.73	33.53	1.80	35.49	1.86	36.91	1.88	39.41	1.92	41.37	1.96
	40	31.55	1.76	33.50	1.82	35.46	1.89	36.88	1.91	39.38	1.94	41.34	1.98
	45	31.52	1.78	33.48	1.85	35.44	1.91	36.85	1.93	39.35	1.97	41.31	2.01
	50	31.50	1.80	33.45	1.87	35.41	1.94	36.82	1.96	39.32	2.00	41.28	2.04
	55	31.47	1.83	33.43	1.89	35.38	1.96	36.79	1.99	39.29	2.02	41.25	2.06
	60	31.45	1.85	33.40	1.92	35.35	1.99	36.77	2.01	39.26	2.05	41.21	2.09
	65	31.42	1.87	33.38	1.94	35.33	2.01	36.74	2.04	39.23	2.07	41.18	2.12
	70	31.40	1.90	33.35	1.97	35.30	2.04	36.71	2.06	39.20	2.10	41.15	2.14
	75	30.64	2.00	32.59	2.07	34.54	2.15	35.94	2.17	38.43	2.21	40.37	2.26
	80	29.89	2.10	31.83	2.18	33.77	2.26	35.17	2.28	37.65	2.33	39.59	2.37
	85	29.14	2.20	31.08	2.29	33.01	2.37	34.41	2.40	36.88	2.44	38.82	2.49
	90	28.39	2.31	30.32	2.39	32.25	2.48	33.65	2.51	36.11	2.55	38.05	2.61
	95	27.58	2.41	29.50	2.50	31.42	2.59	32.30	2.62	35.26	2.67	37.18	2.72
	100	27.25	2.51	29.20	2.60	31.15	2.70	32.16	2.73	35.05	2.78	37.00	2.84
	105	26.93	2.61	28.91	2.71	30.88	2.81	32.02	2.84	34.83	2.89	36.81	2.95
	110	26.60	2.72	28.61	2.82	30.61	2.92	31.88	2.95	34.62	3.01	36.62	3.07
	115	26.28	2.82	28.31	2.92	30.34	3.03	31.74	3.06	34.40	3.12	36.43	3.18
	118	26.08	2.88	28.13	2.99	30.18	3.09	31.66	3.13	34.27	3.19	36.32	3.25
	122	26.02	2.96	28.07	3.07	30.12	3.18	31.63	3.22	34.23	3.28	36.28	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 7: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	32.79	1.61	34.83	1.66	36.87	1.72	38.34	1.74	40.94	1.78	42.98	1.81
	0	32.78	1.62	34.81	1.68	36.85	1.74	38.32	1.76	40.92	1.80	42.95	1.83
	5	32.75	1.65	34.78	1.71	36.82	1.77	38.29	1.79	40.89	1.83	42.92	1.86
	10	32.72	1.67	34.76	1.73	36.79	1.80	38.26	1.82	40.85	1.85	42.89	1.89
	14	32.70	1.70	34.73	1.76	36.76	1.82	38.23	1.85	40.82	1.88	42.85	1.92
	20	32.67	1.72	34.70	1.79	36.73	1.85	38.20	1.87	40.79	1.91	42.82	1.95
	25	32.65	1.75	34.68	1.81	36.71	1.88	38.17	1.90	40.76	1.93	42.79	1.97
	30	32.63	1.77	34.65	1.84	36.68	1.90	38.14	1.92	40.73	1.96	42.76	2.00
	35	32.60	1.80	34.62	1.86	36.65	1.93	38.11	1.95	40.70	1.99	42.72	2.03
	40	32.58	1.82	34.60	1.89	36.62	1.96	38.08	1.98	40.67	2.01	42.69	2.06
	45	32.55	1.84	34.57	1.91	36.59	1.98	38.05	2.00	40.64	2.04	42.66	2.08
	50	32.53	1.87	34.55	1.94	36.57	2.01	38.02	2.03	40.61	2.07	42.63	2.11
	55	32.50	1.89	34.52	1.96	36.54	2.03	37.99	2.06	40.57	2.10	42.59	2.14
	60	32.48	1.92	34.49	1.99	36.51	2.06	37.97	2.08	40.54	2.12	42.56	2.17
	65	32.45	1.94	34.47	2.01	36.48	2.09	37.94	2.11	40.51	2.15	42.53	2.19
	70	32.43	1.97	34.44	2.04	36.45	2.11	37.91	2.14	40.48	2.18	42.49	2.22
	75	31.65	2.07	33.65	2.15	35.66	2.23	37.11	2.25	39.68	2.29	41.69	2.34
	80	30.86	2.18	32.87	2.26	34.87	2.34	36.32	2.37	38.88	2.41	40.88	2.46
	85	30.09	2.28	32.09	2.37	34.09	2.45	35.53	2.48	38.09	2.53	40.09	2.58
	90	29.32	2.39	31.31	2.48	33.31	2.57	34.75	2.60	37.29	2.65	39.29	2.70
	95	28.48	2.50	30.46	2.59	32.45	2.68	33.36	2.71	36.41	2.76	38.40	2.82
	100	28.14	2.60	30.16	2.70	32.17	2.80	33.21	2.83	36.19	2.88	38.20	2.94
31	105	27.81	2.71	29.85	2.81	31.89	2.91	33.07	2.94	35.97	3.00	38.01	3.06
	110	27.47	2.82	29.54	2.92	31.61	3.02	32.92	3.06	35.75	3.12	37.81	3.18
	115	27.14	2.92	29.23	3.03	31.33	3.14	32.78	3.17	35.53	3.23	37.62	3.30
	118	26.94	2.98	29.05	3.09	31.16	3.21	32.69	3.24	35.39	3.30	37.50	3.37
	122	26.87	3.07	28.99	3.18	31.11	3.30	32.66	3.34	35.35	3.40	37.46	3.47
	-4	33.83	1.66	35.93	1.72	38.03	1.79	39.55	1.81	42.24	1.84	44.34	1.88
	0	33.81	1.68	35.91	1.74	38.01	1.80	39.53	1.83	42.21	1.86	44.31	1.90
	5	33.79	1.71	35.88	1.77	37.98	1.83	39.50	1.86	42.18	1.89	44.28	1.93
	10	33.76	1.73	35.86	1.80	37.95	1.86	39.47	1.88	42.15	1.92	44.24	1.96
	14	33.73	1.76	35.83	1.82	37.92	1.89	39.44	1.91	42.11	1.95	44.21	1.99
	20	33.71	1.78	35.80	1.85	37.90	1.92	39.41	1.94	42.08	1.97	44.18	2.01
	25	33.68	1.81	35.77	1.87	37.87	1.94	39.38	1.97	42.05	2.00	44.14	2.04
	30	33.66	1.83	35.75	1.90	37.84	1.97	39.35	1.99	42.02	2.03	44.11	2.07
	35	33.63	1.86	35.72	1.93	37.81	2.00	39.32	2.02	41.99	2.06	44.07	2.10
	40	33.61	1.88	35.69	1.95	37.78	2.02	39.29	2.05	41.95	2.09	44.04	2.13
	45	33.58	1.91	35.66	1.98	37.75	2.05	39.26	2.07	41.92	2.11	44.01	2.16
	50	33.55	1.93	35.64	2.01	37.72	2.08	39.23	2.10	41.89	2.14	43.97	2.18
	55	33.53	1.96	35.61	2.03	37.69	2.11	39.20	2.13	41.86	2.17	43.94	2.21
	60	33.50	1.99	35.58	2.06	37.66	2.13	39.17	2.16	41.82	2.20	43.91	2.24
	65	33.48	2.01	35.56	2.08	37.63	2.16	39.14	2.18	41.79	2.23	43.87	2.27
	70	33.45	2.04	35.53	2.11	37.61	2.19	39.11	2.21	41.76	2.25	43.84	2.30
	75	32.65	2.15	34.72	2.22	36.79	2.30	38.29	2.33	40.94	2.38	43.01	2.42
	80	31.84	2.26	33.91	2.34	35.98	2.42	37.47	2.45	40.11	2.50	42.18	2.55
	85	31.04	2.37	33.11	2.45	35.17	2.54	36.66	2.57	39.29	2.62	41.35	2.67
	90	30.25	2.47	32.30	2.57	34.36	2.66	35.84	2.69	38.47	2.74	40.53	2.80
	95	29.38	2.58	31.43	2.68	33.47	2.78	34.41	2.81	37.57	2.86	39.61	2.92
	100	29.03	2.69	31.11	2.79	33.18	2.89	34.26	2.93	37.34	2.98	39.41	3.04
	105	28.69	2.80	30.79	2.91	32.90	3.01	34.11	3.05	37.11	3.10	39.21	3.17
	110	28.34	2.91	30.48	3.02	32.61	3.13	33.96	3.17	36.88	3.23	39.01	3.29
	115	28.00	3.02	30.16	3.13	32.32	3.25	33.81	3.29	36.65	3.35	38.81	3.42
	118	27.79	3.09	29.97	3.20	32.15	3.32	33.72	3.36	36.51	3.42	38.69	3.49
	122	27.72	3.18	29.91	3.29	32.09	3.41	33.69	3.45	36.47	3.52	38.65	3.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 8: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	34.87	1.72	37.03	1.78	39.20	1.85	40.76	1.87	43.53	1.90	45.70	1.94
	0	34.85	1.74	37.01	1.80	39.18	1.87	40.74	1.89	43.51	1.92	45.67	1.96
	5	34.82	1.77	36.98	1.83	39.15	1.90	40.71	1.92	43.47	1.95	45.63	1.99
	10	34.79	1.79	36.96	1.86	39.12	1.93	40.68	1.95	43.44	1.98	45.60	2.02
	14	34.77	1.82	36.93	1.88	39.09	1.95	40.65	1.98	43.40	2.01	45.56	2.05
	20	34.74	1.84	36.90	1.91	39.06	1.98	40.61	2.00	43.37	2.04	45.53	2.08
	25	34.71	1.87	36.87	1.94	39.03	2.01	40.58	2.03	43.34	2.07	45.49	2.11
	30	34.69	1.90	36.84	1.97	39.00	2.04	40.55	2.06	43.31	2.10	45.46	2.14
	35	34.66	1.92	36.81	1.99	38.97	2.07	40.52	2.09	43.27	2.13	45.43	2.17
	40	34.64	1.95	36.79	2.02	38.94	2.09	40.49	2.12	43.24	2.16	45.39	2.20
	45	34.61	1.97	36.76	2.05	38.91	2.12	40.46	2.15	43.21	2.19	45.36	2.23
	50	34.58	2.00	36.73	2.07	38.88	2.15	40.43	2.17	43.17	2.22	45.32	2.26
	55	34.56	2.03	36.70	2.10	38.85	2.18	40.40	2.20	43.14	2.24	45.29	2.29
	60	34.53	2.05	36.67	2.13	38.82	2.21	40.37	2.23	43.11	2.27	45.25	2.32
	65	34.50	2.08	36.65	2.16	38.79	2.23	40.34	2.26	43.07	2.30	45.22	2.35
	70	34.48	2.11	36.62	2.18	38.76	2.26	40.30	2.29	43.04	2.33	45.18	2.38
	75	33.65	2.22	35.78	2.30	37.92	2.38	39.46	2.41	42.19	2.46	44.33	2.51
	80	32.82	2.33	34.95	2.42	37.08	2.51	38.62	2.53	41.34	2.58	43.47	2.63
	85	31.99	2.45	34.12	2.54	36.25	2.63	37.78	2.66	40.50	2.71	42.62	2.76
	90	31.17	2.56	33.29	2.65	35.41	2.75	36.94	2.78	39.65	2.83	41.77	2.89
	95	30.28	2.67	32.39	2.77	34.50	2.87	35.47	2.90	38.72	2.96	40.83	3.02
	100	29.92	2.79	32.06	2.89	34.20	2.99	35.31	3.03	38.48	3.09	40.62	3.15
	105	29.57	2.90	31.74	3.01	33.90	3.12	35.16	3.15	38.24	3.21	40.41	3.28
	110	29.21	3.01	31.41	3.12	33.61	3.24	35.00	3.28	38.01	3.34	40.21	3.40
	115	28.85	3.13	31.08	3.24	33.31	3.36	34.85	3.40	37.77	3.46	40.00	3.53
	118	28.64	3.20	30.89	3.31	33.13	3.43	34.76	3.47	37.63	3.54	39.88	3.61
	122	28.57	3.29	30.82	3.41	33.07	3.53	34.73	3.57	37.58	3.64	39.83	3.71
33	-4	35.91	1.78	38.14	1.84	40.37	1.91	41.98	1.93	44.83	1.97	47.06	2.01
	0	35.89	1.80	38.11	1.86	40.34	1.93	41.95	1.95	44.80	1.99	47.03	2.03
	5	35.86	1.82	38.08	1.89	40.31	1.96	41.92	1.98	44.76	2.02	46.99	2.06
	10	35.83	1.85	38.05	1.92	40.28	1.99	41.89	2.01	44.73	2.05	46.95	2.09
	14	35.80	1.88	38.03	1.95	40.25	2.02	41.85	2.04	44.70	2.08	46.92	2.12
	20	35.77	1.91	38.00	1.98	40.22	2.05	41.82	2.07	44.66	2.11	46.88	2.15
	25	35.75	1.93	37.97	2.00	40.19	2.08	41.79	2.10	44.63	2.14	46.85	2.18
	30	35.72	1.96	37.94	2.03	40.16	2.11	41.76	2.13	44.59	2.17	46.81	2.21
	35	35.69	1.99	37.91	2.06	40.13	2.13	41.73	2.16	44.56	2.20	46.78	2.24
	40	35.67	2.01	37.88	2.09	40.10	2.16	41.69	2.19	44.53	2.23	46.74	2.27
	45	35.64	2.04	37.85	2.11	40.06	2.19	41.66	2.22	44.49	2.26	46.70	2.30
	50	35.61	2.07	37.82	2.14	40.03	2.22	41.63	2.25	44.46	2.29	46.67	2.33
	55	35.58	2.09	37.79	2.17	40.00	2.25	41.60	2.28	44.42	2.32	46.63	2.37
	60	35.56	2.12	37.76	2.20	39.97	2.28	41.57	2.31	44.39	2.35	46.60	2.40
	65	35.53	2.15	37.74	2.23	39.94	2.31	41.54	2.33	44.35	2.38	46.56	2.43
	70	35.50	2.18	37.71	2.25	39.91	2.34	41.50	2.36	44.32	2.41	46.53	2.46
	75	34.65	2.29	36.85	2.38	39.05	2.46	40.63	2.49	43.44	2.54	45.64	2.59
	80	33.79	2.41	35.99	2.50	38.18	2.59	39.77	2.62	42.57	2.67	44.76	2.72
	85	32.95	2.53	35.13	2.62	37.32	2.72	38.90	2.75	41.70	2.80	43.89	2.85
	90	32.10	2.64	34.28	2.74	36.47	2.84	38.04	2.87	40.83	2.93	43.01	2.99
	95	31.18	2.76	33.35	2.86	35.52	2.97	36.52	3.00	39.87	3.06	42.04	3.12
	100	30.81	2.88	33.02	2.98	35.22	3.09	36.36	3.13	39.63	3.19	41.83	3.25
	105	30.45	3.00	32.68	3.11	34.91	3.22	36.20	3.26	39.38	3.32	41.62	3.38
	110	30.08	3.11	32.34	3.23	34.61	3.35	36.05	3.38	39.14	3.45	41.40	3.52
	115	29.71	3.23	32.01	3.35	34.30	3.47	35.89	3.51	38.90	3.58	41.19	3.65
	118	29.49	3.30	31.81	3.42	34.12	3.55	35.79	3.59	38.75	3.66	41.06	3.73
	122	29.42	3.40	31.74	3.52	34.06	3.65	35.76	3.69	38.70	3.76	41.02	3.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 9: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	36.94	1.83	39.24	1.90	41.53	1.97	43.19	1.99	46.12	2.03	48.41	2.07
	0	36.92	1.85	39.22	1.92	41.51	1.99	43.16	2.01	46.09	2.05	48.39	2.09
	5	36.89	1.88	39.18	1.95	41.47	2.02	43.13	2.05	46.06	2.09	48.35	2.13
	10	36.86	1.91	39.15	1.98	41.44	2.05	43.10	2.08	46.02	2.12	48.31	2.16
	14	36.84	1.94	39.12	2.01	41.41	2.08	43.06	2.11	45.99	2.15	48.27	2.19
	20	36.81	1.97	39.09	2.04	41.38	2.11	43.03	2.14	45.95	2.18	48.24	2.22
	25	36.78	2.00	39.06	2.07	41.35	2.14	43.00	2.17	45.92	2.21	48.20	2.25
	30	36.75	2.02	39.03	2.10	41.32	2.17	42.96	2.20	45.88	2.24	48.16	2.28
	35	36.72	2.05	39.00	2.13	41.28	2.20	42.93	2.23	45.85	2.27	48.13	2.32
	40	36.70	2.08	38.97	2.15	41.25	2.23	42.90	2.26	45.81	2.30	48.09	2.35
	45	36.67	2.11	38.94	2.18	41.22	2.26	42.87	2.29	45.78	2.33	48.05	2.38
	50	36.64	2.13	38.91	2.21	41.19	2.29	42.83	2.32	45.74	2.36	48.02	2.41
	55	36.61	2.16	38.88	2.24	41.16	2.32	42.80	2.35	45.71	2.39	47.98	2.44
	60	36.58	2.19	38.85	2.27	41.13	2.35	42.77	2.38	45.67	2.42	47.94	2.47
	65	36.55	2.22	38.83	2.30	41.10	2.38	42.73	2.41	45.64	2.46	47.91	2.51
	70	36.53	2.25	38.80	2.33	41.06	2.41	42.70	2.44	45.60	2.49	47.87	2.54
	75	35.65	2.37	37.91	2.45	40.17	2.54	41.81	2.57	44.70	2.62	46.96	2.67
	80	34.77	2.49	37.03	2.58	39.28	2.67	40.91	2.70	43.80	2.75	46.06	2.81
	85	33.90	2.61	36.15	2.70	38.40	2.80	40.03	2.84	42.90	2.89	45.16	2.95
	90	33.03	2.73	35.27	2.83	37.52	2.93	39.14	2.97	42.01	3.02	44.26	3.08
	95	32.08	2.85	34.32	2.96	36.55	3.06	37.58	3.10	41.02	3.16	43.26	3.22
	100	31.70	2.97	33.97	3.08	36.24	3.19	37.41	3.23	40.77	3.29	43.04	3.36
	105	31.33	3.09	33.62	3.21	35.92	3.32	37.25	3.36	40.52	3.43	42.82	3.49
	110	30.95	3.22	33.28	3.33	35.61	3.45	37.09	3.49	40.27	3.56	42.60	3.63
	115	30.57	3.34	32.93	3.46	35.29	3.58	36.92	3.63	40.02	3.69	42.38	3.77
	118	30.34	3.41	32.73	3.53	35.10	3.66	36.82	3.70	39.87	3.77	42.25	3.85
	122	30.27	3.51	32.66	3.63	35.04	3.77	36.79	3.81	39.82	3.88	42.20	3.96
35	-4	37.98	1.89	40.34	1.96	42.70	2.03	44.40	2.06	47.41	2.09	49.77	2.14
	0	37.96	1.91	40.32	1.98	42.67	2.05	44.38	2.08	47.39	2.12	49.75	2.16
	5	37.93	1.94	40.28	2.01	42.64	2.09	44.34	2.11	47.35	2.15	49.70	2.19
	10	37.90	1.97	40.25	2.04	42.61	2.12	44.31	2.14	47.31	2.18	49.67	2.23
	14	37.87	2.00	40.22	2.07	42.57	2.15	44.27	2.17	47.28	2.22	49.63	2.26
	20	37.84	2.03	40.19	2.10	42.54	2.18	44.24	2.21	47.24	2.25	49.59	2.29
	25	37.81	2.06	40.16	2.13	42.51	2.21	44.20	2.24	47.21	2.28	49.55	2.32
	30	37.78	2.09	40.13	2.16	42.48	2.24	44.17	2.27	47.17	2.31	49.52	2.36
	35	37.75	2.12	40.10	2.19	42.44	2.27	44.14	2.30	47.13	2.34	49.48	2.39
	40	37.73	2.14	40.07	2.22	42.41	2.30	44.10	2.33	47.10	2.37	49.44	2.42
	45	37.70	2.17	40.04	2.25	42.38	2.33	44.07	2.36	47.06	2.41	49.40	2.45
	50	37.67	2.20	40.01	2.28	42.35	2.37	44.04	2.39	47.02	2.44	49.36	2.49
	55	37.64	2.23	39.98	2.31	42.31	2.40	44.00	2.42	46.99	2.47	49.33	2.52
	60	37.61	2.26	39.95	2.34	42.28	2.43	43.97	2.46	46.95	2.50	49.29	2.55
	65	37.58	2.29	39.91	2.37	42.25	2.46	43.93	2.49	46.92	2.53	49.25	2.58
	70	37.55	2.32	39.88	2.40	42.22	2.49	43.90	2.52	46.88	2.57	49.21	2.62
	75	36.65	2.44	38.97	2.53	41.30	2.62	42.98	2.65	45.95	2.70	48.28	2.76
	80	35.74	2.57	38.07	2.66	40.39	2.76	42.06	2.79	45.03	2.84	47.35	2.90
	85	34.85	2.69	37.16	2.79	39.48	2.89	41.15	2.93	44.11	2.98	46.42	3.04
	90	33.95	2.82	36.26	2.92	38.57	3.03	40.24	3.06	43.19	3.12	45.50	3.18
	95	32.98	2.94	35.28	3.05	37.58	3.16	38.63	3.20	42.17	3.26	44.47	3.32
	100	32.59	3.07	34.92	3.18	37.25	3.30	38.46	3.33	41.91	3.40	44.24	3.46
	105	32.20	3.19	34.57	3.31	36.93	3.43	38.30	3.47	41.66	3.53	44.02	3.61
	110	31.82	3.32	34.21	3.44	36.61	3.56	38.13	3.60	41.40	3.67	43.79	3.75
	115	31.43	3.44	33.86	3.57	36.28	3.70	37.96	3.74	41.14	3.81	43.57	3.89
	118	31.19	3.52	33.64	3.65	36.09	3.78	37.86	3.82	40.99	3.89	43.43	3.97
	122	31.12	3.62	33.57	3.75	36.02	3.89	37.82	3.93	40.94	4.00	43.22	4.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 10: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	39.02	1.95	41.44	2.02	43.86	2.10	45.61	2.12	48.71	2.16	51.13	2.20
	0	39.00	1.97	41.42	2.04	43.84	2.12	45.59	2.14	48.68	2.18	51.10	2.23
	5	38.96	2.00	41.38	2.08	43.80	2.15	45.55	2.18	48.64	2.22	51.06	2.26
	10	38.93	2.03	41.35	2.11	43.77	2.19	45.52	2.21	48.61	2.25	51.02	2.30
	14	38.90	2.06	41.32	2.14	43.74	2.22	45.48	2.24	48.57	2.28	50.98	2.33
	20	38.87	2.09	41.29	2.17	43.70	2.25	45.45	2.27	48.53	2.32	50.95	2.36
	25	38.84	2.12	41.26	2.20	43.67	2.28	45.41	2.31	48.49	2.35	50.91	2.40
	30	38.81	2.15	41.23	2.23	43.64	2.31	45.38	2.34	48.46	2.38	50.87	2.43
	35	38.79	2.18	41.19	2.26	43.60	2.34	45.34	2.37	48.42	2.42	50.83	2.46
	40	38.76	2.21	41.16	2.29	43.57	2.38	45.31	2.40	48.38	2.45	50.79	2.50
	45	38.73	2.24	41.13	2.32	43.54	2.41	45.27	2.44	48.35	2.48	50.75	2.53
	50	38.70	2.27	41.10	2.35	43.50	2.44	45.24	2.47	48.31	2.51	50.71	2.56
	55	38.67	2.30	41.07	2.38	43.47	2.47	45.20	2.50	48.27	2.55	50.67	2.60
	60	38.64	2.33	41.04	2.42	43.44	2.50	45.17	2.53	48.23	2.58	50.63	2.63
	65	38.61	2.36	41.00	2.45	43.40	2.54	45.13	2.56	48.20	2.61	50.60	2.67
	70	38.58	2.39	40.97	2.48	43.37	2.57	45.10	2.60	48.16	2.65	50.56	2.70
	75	37.65	2.52	40.04	2.61	42.43	2.71	44.15	2.74	47.21	2.79	49.60	2.84
	80	36.72	2.65	39.10	2.74	41.49	2.84	43.21	2.88	46.26	2.93	48.64	2.99
	85	35.80	2.78	38.18	2.88	40.56	2.98	42.27	3.02	45.31	3.07	47.69	3.14
	90	34.88	2.91	37.25	3.01	39.62	3.12	41.34	3.16	44.37	3.22	46.74	3.28
	95	33.88	3.03	36.24	3.15	38.60	3.26	39.69	3.30	43.32	3.36	45.68	3.43
	100	33.48	3.16	35.88	3.28	38.27	3.40	39.51	3.44	43.06	3.50	45.45	3.57
37	105	33.08	3.29	35.51	3.41	37.94	3.54	39.34	3.58	42.79	3.64	45.22	3.72
	110	32.68	3.42	35.15	3.55	37.61	3.68	39.17	3.72	42.53	3.79	44.99	3.86
	115	32.29	3.55	34.78	3.68	37.27	3.81	39.00	3.86	42.27	3.93	44.76	4.01
	118	32.05	3.63	34.56	3.76	37.07	3.90	38.89	3.94	42.11	4.02	44.34	4.07
	122	31.97	3.73	34.49	3.87	37.01	4.01	38.86	4.05	41.48	4.07	43.13	4.07
	-4	40.05	2.01	42.54	2.09	45.03	2.16	46.83	2.19	50.00	2.23	52.49	2.28
	0	40.03	2.04	42.52	2.11	45.00	2.19	46.80	2.21	49.98	2.25	52.46	2.30
	5	40.00	2.07	42.48	2.15	44.97	2.22	46.76	2.25	49.94	2.29	52.42	2.34
	10	39.97	2.10	42.45	2.18	44.93	2.26	46.73	2.28	49.90	2.33	52.38	2.37
	14	39.94	2.13	42.42	2.21	44.90	2.29	46.69	2.32	49.86	2.36	52.34	2.41
	20	39.91	2.16	42.39	2.24	44.86	2.32	46.65	2.35	49.82	2.39	52.30	2.44
	25	39.88	2.19	42.35	2.27	44.83	2.36	46.62	2.38	49.78	2.43	52.26	2.48
	30	39.85	2.22	42.32	2.30	44.80	2.39	46.58	2.42	49.74	2.46	52.22	2.51
	35	39.82	2.25	42.29	2.34	44.76	2.42	46.55	2.45	49.71	2.49	52.18	2.54
	40	39.79	2.28	42.26	2.37	44.73	2.45	46.51	2.48	49.67	2.53	52.14	2.58
	45	39.76	2.31	42.22	2.40	44.69	2.49	46.48	2.52	49.63	2.56	52.10	2.61
	50	39.72	2.35	42.19	2.43	44.66	2.52	46.44	2.55	49.59	2.60	52.06	2.65
	55	39.69	2.38	42.16	2.46	44.62	2.55	46.40	2.58	49.55	2.63	52.02	2.68
	60	39.66	2.41	42.13	2.49	44.59	2.59	46.37	2.62	49.52	2.66	51.98	2.72
	65	39.63	2.44	42.09	2.53	44.56	2.62	46.33	2.65	49.48	2.70	51.94	2.75
	70	39.60	2.47	42.06	2.56	44.52	2.65	46.30	2.68	49.44	2.73	51.90	2.79
	75	38.65	2.60	41.10	2.70	43.56	2.79	45.33	2.83	48.46	2.88	50.92	2.94
	80	37.70	2.73	40.14	2.83	42.59	2.94	44.36	2.97	47.49	3.03	49.93	3.09
	85	36.75	2.87	39.19	2.97	41.63	3.08	43.40	3.12	46.52	3.17	48.96	3.24
	90	35.81	3.00	38.24	3.11	40.68	3.22	42.44	3.26	45.55	3.32	47.98	3.39
	95	34.78	3.13	37.21	3.25	39.63	3.37	40.74	3.40	44.48	3.47	46.90	3.54
	100	34.37	3.27	36.83	3.39	39.29	3.51	40.56	3.55	44.20	3.62	46.66	3.69
	105	33.96	3.40	36.46	3.52	38.95	3.65	40.39	3.69	43.93	3.76	46.42	3.84
	110	33.55	3.53	36.08	3.66	38.61	3.80	40.21	3.84	43.66	3.91	46.18	3.99
	115	33.14	3.67	35.71	3.80	38.26	3.94	40.03	3.98	43.39	4.06	45.22	4.07
	118	32.90	3.75	35.48	3.88	38.06	4.02	39.93	4.07	42.44	4.07	44.11	4.07
	122	32.82	3.85	35.41	3.99	37.38	4.07	38.79	4.07	41.29	4.07	42.86	4.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 11: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	41.09	2.08	43.64	2.16	46.19	2.23	48.04	2.26	51.30	2.30	53.85	2.35
	0	41.07	2.10	43.62	2.18	46.17	2.26	48.01	2.28	51.27	2.33	53.82	2.37
	5	41.03	2.14	43.58	2.21	46.13	2.30	47.97	2.32	51.23	2.37	53.78	2.41
	10	41.00	2.17	43.55	2.25	46.10	2.33	47.94	2.36	51.19	2.40	53.74	2.45
	14	40.97	2.20	43.52	2.28	46.06	2.36	47.90	2.39	51.15	2.44	53.69	2.48
	20	40.94	2.23	43.48	2.31	46.03	2.40	47.86	2.42	51.11	2.47	53.65	2.52
	25	40.91	2.26	43.45	2.35	45.99	2.43	47.83	2.46	51.07	2.51	53.61	2.56
	30	40.88	2.29	43.42	2.38	45.96	2.47	47.79	2.49	51.03	2.54	53.57	2.59
	35	40.85	2.33	43.38	2.41	45.92	2.50	47.75	2.53	50.99	2.58	53.53	2.63
	40	40.82	2.36	43.35	2.44	45.89	2.53	47.72	2.56	50.95	2.61	53.49	2.66
	45	40.78	2.39	43.32	2.48	45.85	2.57	47.68	2.60	50.92	2.65	53.45	2.70
	50	40.75	2.42	43.28	2.51	45.81	2.60	47.64	2.63	50.88	2.68	53.41	2.73
	55	40.72	2.45	43.25	2.54	45.78	2.63	47.61	2.67	50.84	2.72	53.37	2.77
	60	40.69	2.48	43.22	2.57	45.74	2.67	47.57	2.70	50.80	2.75	53.33	2.81
	65	40.66	2.52	43.18	2.61	45.71	2.70	47.53	2.73	50.76	2.79	53.28	2.84
	70	40.63	2.55	43.15	2.64	45.67	2.74	47.50	2.77	50.72	2.82	53.24	2.88
	75	39.65	2.68	42.17	2.78	44.68	2.88	46.50	2.92	49.72	2.97	52.24	3.03
	80	38.67	2.82	41.18	2.93	43.69	3.03	45.51	3.07	48.72	3.12	51.23	3.19
	85	37.70	2.96	40.21	3.07	42.71	3.18	44.52	3.22	47.72	3.28	50.23	3.34
	90	36.73	3.10	39.23	3.21	41.73	3.33	43.54	3.37	46.73	3.43	49.23	3.50
	95	35.68	3.23	38.17	3.35	40.65	3.48	41.80	3.52	45.63	3.58	48.11	3.65
	100	35.26	3.37	37.78	3.50	40.30	3.62	41.61	3.66	45.35	3.73	47.87	3.81
	105	34.84	3.51	37.40	3.64	39.95	3.77	41.43	3.81	45.07	3.89	47.62	3.96
	110	34.42	3.65	37.01	3.78	39.60	3.92	41.25	3.96	44.79	4.04	46.85	4.07
	115	34.00	3.78	36.63	3.92	39.26	4.07	40.71	4.07	43.28	4.07	44.98	4.07
	118	33.75	3.87	36.40	4.01	38.33	4.07	39.73	4.07	42.21	4.07	43.81	4.07
	122	33.67	3.98	35.91	4.07	37.19	4.07	38.59	4.07	41.01	4.07	42.59	4.07
39	-4	42.13	2.15	44.74	2.22	47.36	2.31	49.25	2.33	52.59	2.38	55.21	2.42
	0	42.10	2.17	44.72	2.25	47.33	2.33	49.22	2.36	52.56	2.40	55.18	2.45
	5	42.07	2.20	44.68	2.28	47.30	2.37	49.18	2.40	52.52	2.44	55.13	2.49
	10	42.04	2.24	44.65	2.32	47.26	2.40	49.14	2.43	52.48	2.48	55.09	2.53
	14	42.01	2.27	44.61	2.35	47.22	2.44	49.11	2.47	52.44	2.51	55.05	2.56
	20	41.97	2.30	44.58	2.39	47.19	2.47	49.07	2.50	52.40	2.55	55.01	2.60
	25	41.94	2.33	44.55	2.42	47.15	2.51	49.03	2.54	52.36	2.58	54.97	2.64
	30	41.91	2.37	44.51	2.45	47.12	2.54	48.99	2.57	52.32	2.62	54.92	2.67
	35	41.88	2.40	44.48	2.49	47.08	2.58	48.96	2.61	52.28	2.66	54.88	2.71
	40	41.85	2.43	44.44	2.52	47.04	2.61	48.92	2.64	52.24	2.69	54.84	2.75
	45	41.81	2.47	44.41	2.56	47.01	2.65	48.88	2.68	52.20	2.73	54.80	2.78
	50	41.78	2.50	44.38	2.59	46.97	2.68	48.85	2.71	52.16	2.77	54.76	2.82
	55	41.75	2.53	44.34	2.62	46.94	2.72	48.81	2.75	52.12	2.80	54.71	2.86
	60	41.72	2.56	44.31	2.66	46.90	2.75	48.77	2.79	52.08	2.84	54.67	2.89
	65	41.69	2.60	44.27	2.69	46.86	2.79	48.73	2.82	52.04	2.87	54.63	2.93
	70	41.65	2.63	44.24	2.72	46.83	2.82	48.70	2.86	52.00	2.91	54.59	2.97
	75	40.65	2.77	43.23	2.87	45.81	2.98	47.68	3.01	50.97	3.07	53.55	3.13
	80	39.65	2.91	42.22	3.02	44.80	3.13	46.66	3.16	49.95	3.22	52.52	3.29
	85	38.66	3.05	41.22	3.17	43.79	3.28	45.65	3.32	48.93	3.38	51.49	3.45
	90	37.66	3.20	40.22	3.31	42.78	3.43	44.63	3.47	47.91	3.54	50.47	3.61
	95	36.58	3.34	39.13	3.46	41.68	3.59	42.85	3.63	46.78	3.69	49.33	3.77
	100	36.15	3.48	38.74	3.61	41.32	3.74	42.66	3.78	46.49	3.85	49.08	3.93
	105	35.72	3.62	38.34	3.75	40.96	3.89	42.48	3.93	46.21	4.01	48.64	4.07
	110	35.29	3.76	37.95	3.90	40.60	4.04	42.12	4.07	44.86	4.07	46.57	4.07
	115	34.86	3.90	37.55	4.05	39.14	4.07	40.45	4.07	43.04	4.07	44.65	4.07
	118	34.60	3.99	36.73	4.07	38.01	4.07	39.42	4.07	41.90	4.07	43.52	4.07
	122	34.30	4.07	35.70	4.07	36.92	4.07	38.33	4.07	40.75	4.07	42.35	4.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 12: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	43.16	2.21	45.85	2.29	48.53	2.38	50.46	2.40	53.89	2.45	56.57	2.50
	0	43.14	2.24	45.82	2.32	48.50	2.40	50.43	2.43	53.86	2.48	56.54	2.53
	5	43.11	2.27	45.78	2.36	48.46	2.44	50.39	2.47	53.81	2.52	56.49	2.57
	10	43.07	2.31	45.75	2.39	48.42	2.48	50.35	2.51	53.77	2.55	56.45	2.61
	14	43.04	2.34	45.71	2.43	48.39	2.51	50.32	2.54	53.73	2.59	56.40	2.64
	20	43.01	2.37	45.68	2.46	48.35	2.55	50.28	2.58	53.69	2.63	56.36	2.68
	25	42.97	2.41	45.64	2.50	48.31	2.59	50.24	2.62	53.65	2.67	56.32	2.72
	30	42.94	2.44	45.61	2.53	48.27	2.62	50.20	2.65	53.61	2.70	56.28	2.76
	35	42.91	2.47	45.57	2.57	48.24	2.66	50.16	2.69	53.57	2.74	56.23	2.79
	40	42.88	2.51	45.54	2.60	48.20	2.69	50.12	2.73	53.53	2.78	56.19	2.83
	45	42.84	2.54	45.50	2.63	48.16	2.73	50.09	2.76	53.49	2.81	56.15	2.87
	50	42.81	2.58	45.47	2.67	48.13	2.77	50.05	2.80	53.44	2.85	56.10	2.91
	55	42.78	2.61	45.43	2.70	48.09	2.80	50.01	2.84	53.40	2.89	56.06	2.95
	60	42.74	2.64	45.40	2.74	48.05	2.84	49.97	2.87	53.36	2.93	56.02	2.98
	65	42.71	2.68	45.36	2.77	48.02	2.88	49.93	2.91	53.32	2.96	55.97	3.02
	70	42.68	2.71	45.33	2.81	47.98	2.91	49.89	2.95	53.28	3.00	55.93	3.06
	75	41.65	2.86	44.30	2.96	46.94	3.07	48.85	3.10	52.23	3.16	54.87	3.23
	80	40.62	3.00	43.26	3.11	45.90	3.23	47.80	3.26	51.17	3.32	53.81	3.39
	85	39.61	3.15	42.24	3.26	44.87	3.38	46.77	3.42	50.13	3.49	52.76	3.56
	90	38.59	3.30	41.21	3.42	43.84	3.54	45.73	3.58	49.09	3.65	51.71	3.72
	95	37.48	3.44	40.10	3.57	42.71	3.70	43.90	3.74	47.93	3.81	50.54	3.89
	100	37.04	3.59	39.69	3.72	42.34	3.85	43.71	3.90	47.64	3.97	50.28	4.05
	105	36.60	3.73	39.29	3.87	41.97	4.01	43.52	4.06	46.70	4.07	48.30	4.07
	110	36.16	3.88	38.88	4.02	40.64	4.07	41.83	4.07	44.58	4.07	46.29	4.07
	115	35.72	4.03	37.59	4.07	38.80	4.07	40.13	4.07	42.71	4.07	44.34	4.07
	118	35.14	4.07	36.57	4.07	37.81	4.07	39.22	4.07	41.71	4.07	43.25	4.07
	122	34.06	4.07	35.41	4.07	36.66	4.07	38.07	4.07	40.50	4.07	42.03	4.07
41	-4	44.20	2.28	46.95	2.36	49.69	2.45	51.67	2.48	55.18	2.52	57.93	2.58
	0	44.18	2.31	46.92	2.39	49.66	2.48	51.65	2.51	55.15	2.55	57.90	2.60
	5	44.14	2.34	46.88	2.43	49.62	2.52	51.60	2.55	55.11	2.59	57.85	2.65
	10	44.11	2.38	46.85	2.46	49.59	2.55	51.56	2.58	55.06	2.63	57.80	2.68
	14	44.07	2.41	46.81	2.50	49.55	2.59	51.52	2.62	55.02	2.67	57.76	2.72
	20	44.04	2.45	46.78	2.54	49.51	2.63	51.49	2.66	54.98	2.71	57.72	2.76
	25	44.01	2.48	46.74	2.57	49.47	2.67	51.45	2.70	54.94	2.75	57.67	2.80
	30	43.97	2.52	46.70	2.61	49.43	2.70	51.41	2.73	54.90	2.79	57.63	2.84
	35	43.94	2.55	46.67	2.64	49.40	2.74	51.37	2.77	54.85	2.82	57.58	2.88
	40	43.91	2.59	46.63	2.68	49.36	2.78	51.33	2.81	54.81	2.86	57.54	2.92
	45	43.87	2.62	46.60	2.72	49.32	2.81	51.29	2.85	54.77	2.90	57.50	2.96
	50	43.84	2.65	46.56	2.75	49.28	2.85	51.25	2.88	54.73	2.94	57.45	3.00
	55	43.80	2.69	46.53	2.79	49.25	2.89	51.21	2.92	54.69	2.98	57.41	3.04
	60	43.77	2.72	46.49	2.82	49.21	2.93	51.17	2.96	54.64	3.02	57.36	3.08
	65	43.74	2.76	46.45	2.86	49.17	2.96	51.13	3.00	54.60	3.05	57.32	3.12
	70	43.70	2.79	46.42	2.90	49.13	3.00	51.09	3.04	54.56	3.09	57.27	3.15
	75	42.65	2.94	45.36	3.05	48.07	3.16	50.02	3.20	53.48	3.26	56.19	3.32
	80	41.60	3.09	44.30	3.21	47.00	3.32	48.95	3.36	52.40	3.43	55.10	3.49
	85	40.56	3.25	43.25	3.36	45.95	3.49	47.89	3.53	51.33	3.59	54.03	3.67
	90	39.52	3.40	42.20	3.52	44.89	3.65	46.83	3.69	50.27	3.76	52.95	3.84
	95	38.38	3.55	41.06	3.68	43.73	3.81	44.96	3.85	49.08	3.93	51.75	4.01
	100	37.93	3.70	40.64	3.83	43.36	3.97	44.76	4.02	48.59	4.07	50.18	4.07
	105	37.48	3.85	40.23	3.99	42.40	4.07	43.44	4.07	46.36	4.07	47.98	4.07
	110	37.03	4.00	39.19	4.07	40.36	4.07	41.55	4.07	44.31	4.07	45.94	4.07
	115	35.91	4.07	37.33	4.07	38.58	4.07	39.91	4.07	42.50	4.07	44.05	4.07
	118	34.88	4.07	36.34	4.07	37.52	4.07	38.94	4.07	41.43	4.07	42.99	4.07
	122	33.83	4.07	35.21	4.07	36.50	4.07	37.83	4.07	40.18	4.07	41.82	4.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 13: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	45.24	2.35	48.05	2.43	50.86	2.52	52.89	2.55	56.48	2.60	59.29	2.65
	0	45.21	2.37	48.02	2.46	50.83	2.55	52.86	2.58	56.45	2.63	59.25	2.68
	5	45.18	2.41	47.98	2.50	50.79	2.59	52.81	2.62	56.40	2.67	59.20	2.72
	10	45.14	2.45	47.95	2.54	50.75	2.63	52.77	2.66	56.36	2.71	59.16	2.77
	14	45.11	2.48	47.91	2.57	50.71	2.67	52.73	2.70	56.31	2.75	59.11	2.81
	20	45.07	2.52	47.87	2.61	50.67	2.71	52.69	2.74	56.27	2.79	59.07	2.85
	25	45.04	2.56	47.84	2.65	50.63	2.75	52.65	2.78	56.23	2.83	59.02	2.89
	30	45.00	2.59	47.80	2.69	50.59	2.78	52.61	2.82	56.18	2.87	58.98	2.93
	35	44.97	2.63	47.76	2.72	50.56	2.82	52.57	2.85	56.14	2.91	58.93	2.97
	40	44.94	2.66	47.73	2.76	50.52	2.86	52.53	2.89	56.10	2.95	58.89	3.01
	45	44.90	2.70	47.69	2.80	50.48	2.90	52.49	2.93	56.06	2.99	58.84	3.05
	50	44.87	2.73	47.65	2.83	50.44	2.94	52.45	2.97	56.01	3.03	58.80	3.09
	55	44.83	2.77	47.62	2.87	50.40	2.98	52.41	3.01	55.97	3.07	58.75	3.13
	60	44.80	2.81	47.58	2.91	50.36	3.01	52.37	3.05	55.93	3.11	58.71	3.17
	65	44.76	2.84	47.54	2.94	50.32	3.05	52.33	3.09	55.88	3.15	58.66	3.21
	70	44.73	2.88	47.51	2.98	50.28	3.09	52.29	3.13	55.84	3.18	58.62	3.25
	75	43.65	3.03	46.42	3.14	49.19	3.26	51.20	3.29	54.74	3.36	57.51	3.42
	80	42.58	3.19	45.34	3.30	48.10	3.42	50.10	3.46	53.63	3.53	56.40	3.60
	85	41.51	3.34	44.27	3.46	47.02	3.59	49.02	3.63	52.54	3.70	55.30	3.77
	90	40.44	3.50	43.19	3.63	45.94	3.76	47.93	3.80	51.44	3.87	54.20	3.95
	95	39.28	3.65	42.02	3.79	44.76	3.92	46.01	3.97	50.23	4.04	52.25	4.07
	100	38.82	3.81	41.60	3.95	44.20	4.07	45.08	4.07	48.20	4.07	49.93	4.07
	105	38.36	3.96	40.81	4.07	42.07	4.07	43.11	4.07	46.05	4.07	47.68	4.07
	110	37.48	4.07	38.88	4.07	40.19	4.07	41.29	4.07	44.05	4.07	45.70	4.07
	115	35.71	4.07	37.09	4.07	38.36	4.07	39.70	4.07	42.21	4.07	43.77	4.07
	118	34.64	4.07	36.04	4.07	37.34	4.07	38.67	4.07	41.18	4.07	42.75	4.07
	122	33.63	4.07	35.04	4.07	36.27	4.07	37.61	4.07	39.97	4.07	41.53	4.07
43	-4	46.21	2.41	49.08	2.50	51.95	2.59	54.02	2.62	57.69	2.67	60.56	2.72
	0	46.18	2.44	49.05	2.53	51.92	2.62	53.99	2.65	57.65	2.70	60.52	2.75
	5	46.14	2.48	49.01	2.57	51.88	2.66	53.95	2.69	57.61	2.74	60.47	2.80
	10	46.11	2.51	48.97	2.60	51.84	2.70	53.90	2.73	57.56	2.78	60.43	2.84
	14	46.07	2.55	48.94	2.64	51.80	2.74	53.86	2.77	57.52	2.82	60.38	2.88
	20	46.04	2.59	48.90	2.68	51.76	2.78	53.82	2.81	57.48	2.86	60.33	2.92
	25	46.00	2.62	48.86	2.72	51.72	2.82	53.78	2.85	57.43	2.90	60.29	2.96
	30	45.97	2.66	48.82	2.76	51.68	2.86	53.74	2.89	57.39	2.94	60.24	3.00
	35	45.93	2.70	48.79	2.79	51.64	2.90	53.70	2.93	57.34	2.98	60.20	3.04
	40	45.90	2.73	48.75	2.83	51.60	2.94	53.66	2.97	57.30	3.03	60.15	3.09
	45	45.86	2.77	48.71	2.87	51.56	2.98	53.62	3.01	57.26	3.07	60.10	3.13
	50	45.83	2.81	48.67	2.91	51.52	3.01	53.58	3.05	57.21	3.11	60.06	3.17
	55	45.79	2.84	48.64	2.95	51.48	3.05	53.53	3.09	57.17	3.15	60.01	3.21
	60	45.76	2.88	48.60	2.98	51.44	3.09	53.49	3.13	57.12	3.19	59.97	3.25
	65	45.72	2.92	48.56	3.02	51.40	3.13	53.45	3.17	57.08	3.23	59.92	3.29
	70	45.69	2.95	48.52	3.06	51.36	3.17	53.41	3.21	57.04	3.27	59.87	3.33
	75	44.59	3.11	47.42	3.23	50.25	3.34	52.29	3.38	55.91	3.44	58.74	3.51
	80	43.49	3.27	46.31	3.39	49.14	3.51	51.17	3.55	54.78	3.62	57.61	3.69
	85	42.40	3.43	45.22	3.56	48.03	3.69	50.07	3.73	53.66	3.80	56.48	3.87
	90	41.31	3.59	44.12	3.72	46.93	3.86	48.96	3.90	52.55	3.97	55.36	4.05
	95	40.13	3.75	42.92	3.89	45.72	4.03	47.00	4.07	50.37	4.07	52.10	4.07
	100	39.65	3.91	42.49	4.05	43.96	4.07	44.86	4.07	47.98	4.07	49.73	4.07
	105	39.18	4.07	40.60	4.07	41.89	4.07	42.94	4.07	45.88	4.07	47.54	4.07
	110	37.28	4.07	38.71	4.07	39.97	4.07	41.17	4.07	43.85	4.07	45.51	4.07
	115	35.49	4.07	36.88	4.07	38.18	4.07	39.44	4.07	41.96	4.07	43.63	4.07
	118	34.51	4.07	35.86	4.07	37.19	4.07	38.53	4.07	40.96	4.07	42.54	4.07
	122	33.46	4.07	34.82	4.07	36.07	4.07	37.42	4.07	39.78	4.07	41.28	4.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 14: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	46.21	2.41	49.08	2.50	51.95	2.59	54.02	2.62	57.69	2.67	60.56	2.72
	0	46.18	2.44	49.05	2.53	51.92	2.62	53.99	2.65	57.65	2.70	60.52	2.75
	5	46.14	2.48	49.01	2.57	51.88	2.66	53.95	2.69	57.61	2.74	60.47	2.80
	10	46.11	2.51	48.97	2.60	51.84	2.70	53.90	2.73	57.56	2.78	60.43	2.84
	14	46.07	2.55	48.94	2.64	51.80	2.74	53.86	2.77	57.52	2.82	60.38	2.88
	20	46.04	2.59	48.90	2.68	51.76	2.78	53.82	2.81	57.48	2.86	60.33	2.92
	25	46.00	2.62	48.86	2.72	51.72	2.82	53.78	2.85	57.43	2.90	60.29	2.96
	30	45.97	2.66	48.82	2.76	51.68	2.86	53.74	2.89	57.39	2.94	60.24	3.00
	35	45.93	2.70	48.79	2.79	51.64	2.90	53.70	2.93	57.34	2.98	60.20	3.04
	40	45.90	2.73	48.75	2.83	51.60	2.94	53.66	2.97	57.30	3.03	60.15	3.09
	45	45.86	2.77	48.71	2.87	51.56	2.98	53.62	3.01	57.26	3.07	60.10	3.13
	50	45.83	2.81	48.67	2.91	51.52	3.01	53.58	3.05	57.21	3.11	60.06	3.17
	55	45.79	2.84	48.64	2.95	51.48	3.05	53.53	3.09	57.17	3.15	60.01	3.21
	60	45.76	2.88	48.60	2.98	51.44	3.09	53.49	3.13	57.12	3.19	59.97	3.25
	65	45.72	2.92	48.56	3.02	51.40	3.13	53.45	3.17	57.08	3.23	59.92	3.29
	70	45.69	2.95	48.52	3.06	51.36	3.17	53.41	3.21	57.04	3.27	59.87	3.33
	75	44.59	3.11	47.42	3.23	50.25	3.34	52.29	3.38	55.91	3.44	58.74	3.51
	80	43.49	3.27	46.31	3.39	49.14	3.51	51.17	3.55	54.78	3.62	57.61	3.69
	85	42.40	3.43	45.22	3.56	48.03	3.69	50.07	3.73	53.66	3.80	56.48	3.87
	90	41.31	3.59	44.12	3.72	46.93	3.86	48.96	3.90	52.55	3.97	55.36	4.05
	95	40.13	3.75	42.92	3.89	45.72	4.03	47.00	4.07	50.37	4.07	52.10	4.07
	100	39.65	3.91	42.49	4.05	43.96	4.07	44.86	4.07	47.98	4.07	49.73	4.07
	105	39.18	4.07	40.60	4.07	41.89	4.07	42.94	4.07	45.88	4.07	47.54	4.07
	110	37.28	4.07	38.71	4.07	39.97	4.07	41.17	4.07	43.85	4.07	45.51	4.07
	115	35.49	4.07	36.88	4.07	38.18	4.07	39.44	4.07	41.96	4.07	43.63	4.07
	118	34.51	4.07	35.86	4.07	37.19	4.07	38.53	4.07	40.96	4.07	42.54	4.07
	122	33.46	4.07	34.82	4.07	36.07	4.07	37.42	4.07	39.78	4.07	41.28	4.07
45	-4	46.21	2.41	49.08	2.50	51.95	2.59	54.02	2.62	57.69	2.67	60.56	2.72
	0	46.18	2.44	49.05	2.53	51.92	2.62	53.99	2.65	57.65	2.70	60.52	2.75
	5	46.14	2.48	49.01	2.57	51.88	2.66	53.95	2.69	57.61	2.74	60.47	2.80
	10	46.11	2.51	48.97	2.60	51.84	2.70	53.90	2.73	57.56	2.78	60.43	2.84
	14	46.07	2.55	48.94	2.64	51.80	2.74	53.86	2.77	57.52	2.82	60.38	2.88
	20	46.04	2.59	48.90	2.68	51.76	2.78	53.82	2.81	57.48	2.86	60.33	2.92
	25	46.00	2.62	48.86	2.72	51.72	2.82	53.78	2.85	57.43	2.90	60.29	2.96
	30	45.97	2.66	48.82	2.76	51.68	2.86	53.74	2.89	57.39	2.94	60.24	3.00
	35	45.93	2.70	48.79	2.79	51.64	2.90	53.70	2.93	57.34	2.98	60.20	3.04
	40	45.90	2.73	48.75	2.83	51.60	2.94	53.66	2.97	57.30	3.03	60.15	3.09
	45	45.86	2.77	48.71	2.87	51.56	2.98	53.62	3.01	57.26	3.07	60.10	3.13
	50	45.83	2.81	48.67	2.91	51.52	3.01	53.58	3.05	57.21	3.11	60.06	3.17
	55	45.79	2.84	48.64	2.95	51.48	3.05	53.53	3.09	57.17	3.15	60.01	3.21
	60	45.76	2.88	48.60	2.98	51.44	3.09	53.49	3.13	57.12	3.19	59.97	3.25
	65	45.72	2.92	48.56	3.02	51.40	3.13	53.45	3.17	57.08	3.23	59.92	3.29
	70	45.69	2.95	48.52	3.06	51.36	3.17	53.41	3.21	57.04	3.27	59.87	3.33
	75	44.59	3.11	47.42	3.23	50.25	3.34	52.29	3.38	55.91	3.44	58.74	3.51
	80	43.49	3.27	46.31	3.39	49.14	3.51	51.17	3.55	54.78	3.62	57.61	3.69
	85	42.40	3.43	45.22	3.56	48.03	3.69	50.07	3.73	53.66	3.80	56.48	3.87
	90	41.31	3.59	44.12	3.72	46.93	3.86	48.96	3.90	52.55	3.97	55.36	4.05
	95	40.13	3.75	42.92	3.89	45.72	4.03	47.00	4.07	50.37	4.07	52.10	4.07
	100	39.65	3.91	42.49	4.05	43.96	4.07	44.86	4.07	47.98	4.07	49.73	4.07
	105	39.18	4.07	40.60	4.07	41.89	4.07	42.94	4.07	45.88	4.07	47.54	4.07
	110	37.28	4.07	38.71	4.07	39.97	4.07	41.17	4.07	43.85	4.07	45.51	4.07
	115	35.49	4.07	36.88	4.07	38.18	4.07	39.44	4.07	41.96	4.07	43.63	4.07
	118	34.51	4.07	35.86	4.07	37.19	4.07	38.53	4.07	40.96	4.07	42.54	4.07
	122	33.46	4.07	34.82	4.07	36.07	4.07	37.42	4.07	39.78	4.07	41.28	4.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 15: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	46.21	2.41	49.08	2.50	51.95	2.59	54.02	2.62	57.69	2.67	60.56	2.72
	0	46.18	2.44	49.05	2.53	51.92	2.62	53.99	2.65	57.65	2.70	60.52	2.75
	5	46.14	2.48	49.01	2.57	51.88	2.66	53.95	2.69	57.61	2.74	60.47	2.80
	10	46.11	2.51	48.97	2.60	51.84	2.70	53.90	2.73	57.56	2.78	60.43	2.84
	14	46.07	2.55	48.94	2.64	51.80	2.74	53.86	2.77	57.52	2.82	60.38	2.88
	20	46.04	2.59	48.90	2.68	51.76	2.78	53.82	2.81	57.48	2.86	60.33	2.92
	25	46.00	2.62	48.86	2.72	51.72	2.82	53.78	2.85	57.43	2.90	60.29	2.96
	30	45.97	2.66	48.82	2.76	51.68	2.86	53.74	2.89	57.39	2.94	60.24	3.00
	35	45.93	2.70	48.79	2.79	51.64	2.90	53.70	2.93	57.34	2.98	60.20	3.04
	40	45.90	2.73	48.75	2.83	51.60	2.94	53.66	2.97	57.30	3.03	60.15	3.09
	45	45.86	2.77	48.71	2.87	51.56	2.98	53.62	3.01	57.26	3.07	60.10	3.13
	50	45.83	2.81	48.67	2.91	51.52	3.01	53.58	3.05	57.21	3.11	60.06	3.17
	55	45.79	2.84	48.64	2.95	51.48	3.05	53.53	3.09	57.17	3.15	60.01	3.21
	60	45.76	2.88	48.60	2.98	51.44	3.09	53.49	3.13	57.12	3.19	59.97	3.25
	65	45.72	2.92	48.56	3.02	51.40	3.13	53.45	3.17	57.08	3.23	59.92	3.29
	70	45.69	2.95	48.52	3.06	51.36	3.17	53.41	3.21	57.04	3.27	59.87	3.33
	75	44.59	3.11	47.42	3.23	50.25	3.34	52.29	3.38	55.91	3.44	58.74	3.51
	80	43.49	3.27	46.31	3.39	49.14	3.51	51.17	3.55	54.78	3.62	57.61	3.69
	85	42.40	3.43	45.22	3.56	48.03	3.69	50.07	3.73	53.66	3.80	56.48	3.87
	90	41.31	3.59	44.12	3.72	46.93	3.86	48.96	3.90	52.55	3.97	55.36	4.05
	95	40.13	3.75	42.92	3.89	45.72	4.03	47.00	4.07	50.37	4.07	52.10	4.07
	100	39.65	3.91	42.49	4.05	43.96	4.07	44.86	4.07	47.98	4.07	49.73	4.07
	105	39.18	4.07	40.60	4.07	41.89	4.07	42.94	4.07	45.88	4.07	47.54	4.07
	110	37.28	4.07	38.71	4.07	39.97	4.07	41.17	4.07	43.85	4.07	45.51	4.07
	115	35.49	4.07	36.88	4.07	38.18	4.07	39.44	4.07	41.96	4.07	43.63	4.07
	118	34.51	4.07	35.86	4.07	37.19	4.07	38.53	4.07	40.96	4.07	42.54	4.07
	122	33.46	4.07	34.82	4.07	36.07	4.07	37.42	4.07	39.78	4.07	41.28	4.07
47	-4	46.21	2.41	49.08	2.50	51.95	2.59	54.02	2.62	57.69	2.67	60.56	2.72
	0	46.18	2.44	49.05	2.53	51.92	2.62	53.99	2.65	57.65	2.70	60.52	2.75
	5	46.14	2.48	49.01	2.57	51.88	2.66	53.95	2.69	57.61	2.74	60.47	2.80
	10	46.11	2.51	48.97	2.60	51.84	2.70	53.90	2.73	57.56	2.78	60.43	2.84
	14	46.07	2.55	48.94	2.64	51.80	2.74	53.86	2.77	57.52	2.82	60.38	2.88
	20	46.04	2.59	48.90	2.68	51.76	2.78	53.82	2.81	57.48	2.86	60.33	2.92
	25	46.00	2.62	48.86	2.72	51.72	2.82	53.78	2.85	57.43	2.90	60.29	2.96
	30	45.97	2.66	48.82	2.76	51.68	2.86	53.74	2.89	57.39	2.94	60.24	3.00
	35	45.93	2.70	48.79	2.79	51.64	2.90	53.70	2.93	57.34	2.98	60.20	3.04
	40	45.90	2.73	48.75	2.83	51.60	2.94	53.66	2.97	57.30	3.03	60.15	3.09
	45	45.86	2.77	48.71	2.87	51.56	2.98	53.62	3.01	57.26	3.07	60.10	3.13
	50	45.83	2.81	48.67	2.91	51.52	3.01	53.58	3.05	57.21	3.11	60.06	3.17
	55	45.79	2.84	48.64	2.95	51.48	3.05	53.53	3.09	57.17	3.15	60.01	3.21
	60	45.76	2.88	48.60	2.98	51.44	3.09	53.49	3.13	57.12	3.19	59.97	3.25
	65	45.72	2.92	48.56	3.02	51.40	3.13	53.45	3.17	57.08	3.23	59.92	3.29
	70	45.69	2.95	48.52	3.06	51.36	3.17	53.41	3.21	57.04	3.27	59.87	3.33
	75	44.59	3.11	47.42	3.23	50.25	3.34	52.29	3.38	55.91	3.44	58.74	3.51
	80	43.49	3.27	46.31	3.39	49.14	3.51	51.17	3.55	54.78	3.62	57.61	3.69
	85	42.40	3.43	45.22	3.56	48.03	3.69	50.07	3.73	53.66	3.80	56.48	3.87
	90	41.31	3.59	44.12	3.72	46.93	3.86	48.96	3.90	52.55	3.97	55.36	4.05
	95	40.13	3.75	42.92	3.89	45.72	4.03	47.00	4.07	50.37	4.07	52.10	4.07
	100	39.65	3.91	42.49	4.05	43.96	4.07	44.86	4.07	47.98	4.07	49.73	4.07
	105	39.18	4.07	40.60	4.07	41.89	4.07	42.94	4.07	45.88	4.07	47.54	4.07
	110	37.28	4.07	38.71	4.07	39.97	4.07	41.17	4.07	43.85	4.07	45.51	4.07
	115	35.49	4.07	36.88	4.07	38.18	4.07	39.44	4.07	41.96	4.07	43.63	4.07
	118	34.51	4.07	35.86	4.07	37.19	4.07	38.53	4.07	40.96	4.07	42.54	4.07
	122	33.46	4.07	34.82	4.07	36.07	4.07	37.42	4.07	39.78	4.07	41.28	4.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 16: KUMXA361A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	46.21	2.41	49.08	2.50	51.95	2.59	54.02	2.62	57.69	2.67	60.56	2.72
	0	46.18	2.44	49.05	2.53	51.92	2.62	53.99	2.65	57.65	2.70	60.52	2.75
	5	46.14	2.48	49.01	2.57	51.88	2.66	53.95	2.69	57.61	2.74	60.47	2.80
	10	46.11	2.51	48.97	2.60	51.84	2.70	53.90	2.73	57.56	2.78	60.43	2.84
	14	46.07	2.55	48.94	2.64	51.80	2.74	53.86	2.77	57.52	2.82	60.38	2.88
	20	46.04	2.59	48.90	2.68	51.76	2.78	53.82	2.81	57.48	2.86	60.33	2.92
	25	46.00	2.62	48.86	2.72	51.72	2.82	53.78	2.85	57.43	2.90	60.29	2.96
	30	45.97	2.66	48.82	2.76	51.68	2.86	53.74	2.89	57.39	2.94	60.24	3.00
	35	45.93	2.70	48.79	2.79	51.64	2.90	53.70	2.93	57.34	2.98	60.20	3.04
	40	45.90	2.73	48.75	2.83	51.60	2.94	53.66	2.97	57.30	3.03	60.15	3.09
	45	45.86	2.77	48.71	2.87	51.56	2.98	53.62	3.01	57.26	3.07	60.10	3.13
	50	45.83	2.81	48.67	2.91	51.52	3.01	53.58	3.05	57.21	3.11	60.06	3.17
	55	45.79	2.84	48.64	2.95	51.48	3.05	53.53	3.09	57.17	3.15	60.01	3.21
	60	45.76	2.88	48.60	2.98	51.44	3.09	53.49	3.13	57.12	3.19	59.97	3.25
	65	45.72	2.92	48.56	3.02	51.40	3.13	53.45	3.17	57.08	3.23	59.92	3.29
	70	45.69	2.95	48.52	3.06	51.36	3.17	53.41	3.21	57.04	3.27	59.87	3.33
	75	44.59	3.11	47.42	3.23	50.25	3.34	52.29	3.38	55.91	3.44	58.74	3.51
	80	43.49	3.27	46.31	3.39	49.14	3.51	51.17	3.55	54.78	3.62	57.61	3.69
	85	42.40	3.43	45.22	3.56	48.03	3.69	50.07	3.73	53.66	3.80	56.48	3.87
	90	41.31	3.59	44.12	3.72	46.93	3.86	48.96	3.90	52.55	3.97	55.36	4.05
	95	40.13	3.75	42.92	3.89	45.72	4.03	47.00	4.07	50.37	4.07	52.10	4.07
	100	39.65	3.91	42.49	4.05	43.96	4.07	44.86	4.07	47.98	4.07	49.73	4.07
	105	39.18	4.07	40.60	4.07	41.89	4.07	42.94	4.07	45.88	4.07	47.54	4.07
	110	37.28	4.07	38.71	4.07	39.97	4.07	41.17	4.07	43.85	4.07	45.51	4.07
	115	35.49	4.07	36.88	4.07	38.18	4.07	39.44	4.07	41.96	4.07	43.63	4.07
	118	34.51	4.07	35.86	4.07	37.19	4.07	38.53	4.07	40.96	4.07	42.54	4.07
	122	33.46	4.07	34.82	4.07	36.07	4.07	37.42	4.07	39.78	4.07	41.28	4.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

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KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 17: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	20.35	1.03	21.61	1.07	22.88	1.11	23.79	1.12	25.41	1.15	26.67	1.17
	0	20.34	1.05	21.60	1.08	22.87	1.12	23.78	1.14	25.39	1.16	26.66	1.18
	5	20.32	1.06	21.59	1.10	22.85	1.14	23.76	1.15	25.37	1.18	26.63	1.20
	10	20.31	1.08	21.57	1.12	22.83	1.16	23.74	1.17	25.35	1.19	26.61	1.22
	14	20.29	1.09	21.55	1.13	22.81	1.18	23.72	1.19	25.33	1.21	26.59	1.24
	20	20.28	1.11	21.54	1.15	22.80	1.19	23.70	1.21	25.31	1.23	26.57	1.25
	25	20.26	1.13	21.52	1.17	22.78	1.21	23.69	1.22	25.29	1.25	26.55	1.27
	30	20.25	1.14	21.50	1.18	22.76	1.23	23.67	1.24	25.28	1.26	26.53	1.29
	35	20.23	1.16	21.49	1.20	22.74	1.24	23.65	1.26	25.26	1.28	26.51	1.31
	40	20.21	1.17	21.47	1.22	22.73	1.26	23.63	1.27	25.24	1.30	26.49	1.32
	45	20.20	1.19	21.45	1.23	22.71	1.28	23.61	1.29	25.22	1.32	26.47	1.34
	50	20.18	1.20	21.44	1.25	22.69	1.29	23.60	1.31	25.20	1.33	26.45	1.36
	55	20.17	1.22	21.42	1.26	22.67	1.31	23.58	1.33	25.18	1.35	26.43	1.38
	60	20.15	1.24	21.40	1.28	22.66	1.33	23.56	1.34	25.16	1.37	26.41	1.40
	65	20.14	1.25	21.39	1.30	22.64	1.34	23.54	1.36	25.14	1.39	26.39	1.41
	70	20.12	1.27	21.37	1.31	22.62	1.36	23.52	1.38	25.12	1.40	26.37	1.43
	75	19.64	1.34	20.88	1.38	22.13	1.43	23.03	1.45	24.62	1.48	25.87	1.51
	80	19.15	1.40	20.40	1.45	21.64	1.51	22.54	1.53	24.13	1.55	25.37	1.59
	85	18.67	1.47	19.91	1.53	21.15	1.58	22.05	1.60	23.64	1.63	24.88	1.66
	90	18.19	1.54	19.43	1.60	20.67	1.65	21.56	1.67	23.14	1.71	24.38	1.74
	95	17.67	1.61	18.90	1.67	20.14	1.73	20.70	1.75	22.60	1.78	23.83	1.82
	100	17.46	1.68	18.71	1.74	19.96	1.80	20.61	1.82	22.46	1.86	23.71	1.89
	105	17.26	1.75	18.52	1.81	19.79	1.88	20.52	1.90	22.32	1.93	23.59	1.97
	110	17.05	1.81	18.33	1.88	19.62	1.95	20.43	1.97	22.18	2.01	23.47	2.05
	115	16.84	1.88	18.14	1.95	19.44	2.02	20.34	2.05	22.05	2.08	23.35	2.13
	118	16.72	1.92	18.03	1.99	19.34	2.07	20.29	2.09	21.96	2.13	23.27	2.17
	122	16.67	1.98	17.99	2.05	19.30	2.12	20.27	2.15	21.94	2.19	23.25	2.23
19	-4	21.39	1.09	22.72	1.13	24.04	1.17	25.00	1.18	26.70	1.21	28.03	1.23
	0	21.38	1.10	22.70	1.14	24.03	1.18	24.99	1.20	26.69	1.22	28.01	1.24
	5	21.36	1.12	22.69	1.16	24.01	1.20	24.97	1.22	26.66	1.24	27.99	1.26
	10	21.34	1.14	22.67	1.18	23.99	1.22	24.95	1.23	26.64	1.26	27.97	1.28
	14	21.33	1.15	22.65	1.19	23.98	1.24	24.93	1.25	26.62	1.28	27.95	1.30
	20	21.31	1.17	22.63	1.21	23.96	1.26	24.91	1.27	26.60	1.29	27.93	1.32
	25	21.29	1.18	22.62	1.23	23.94	1.27	24.89	1.29	26.58	1.31	27.91	1.34
	30	21.28	1.20	22.60	1.25	23.92	1.29	24.87	1.31	26.56	1.33	27.88	1.36
	35	21.26	1.22	22.58	1.26	23.90	1.31	24.86	1.32	26.54	1.35	27.86	1.38
	40	21.24	1.23	22.56	1.28	23.88	1.33	24.84	1.34	26.52	1.37	27.84	1.39
	45	21.23	1.25	22.55	1.30	23.87	1.34	24.82	1.36	26.50	1.39	27.82	1.41
	50	21.21	1.27	22.53	1.31	23.85	1.36	24.80	1.38	26.48	1.40	27.80	1.43
	55	21.20	1.28	22.51	1.33	23.83	1.38	24.78	1.40	26.46	1.42	27.78	1.45
	60	21.18	1.30	22.50	1.35	23.81	1.40	24.76	1.41	26.44	1.44	27.76	1.47
	65	21.16	1.32	22.48	1.37	23.79	1.42	24.74	1.43	26.42	1.46	27.74	1.49
	70	21.15	1.33	22.46	1.38	23.77	1.43	24.72	1.45	26.40	1.48	27.71	1.51
	75	20.64	1.41	21.95	1.46	23.26	1.51	24.20	1.53	25.88	1.56	27.19	1.59
	80	20.13	1.48	21.44	1.53	22.74	1.59	23.69	1.61	25.36	1.64	26.66	1.67
	85	19.63	1.55	20.93	1.61	22.23	1.66	23.17	1.68	24.84	1.72	26.14	1.75
	90	19.12	1.62	20.42	1.68	21.72	1.74	22.66	1.76	24.32	1.80	25.62	1.83
	95	18.57	1.69	19.87	1.76	21.16	1.82	21.75	1.84	23.75	1.87	25.04	1.91
	100	18.35	1.77	19.67	1.83	20.98	1.90	21.66	1.92	23.60	1.95	24.92	1.99
	105	18.14	1.84	19.47	1.90	20.80	1.97	21.57	2.00	23.46	2.03	24.79	2.08
	110	17.92	1.91	19.27	1.98	20.61	2.05	21.47	2.08	23.31	2.11	24.66	2.16
	115	17.70	1.98	19.07	2.05	20.43	2.13	21.38	2.15	23.17	2.19	24.54	2.24
	118	17.57	2.02	18.95	2.10	20.32	2.18	21.32	2.20	23.08	2.24	24.46	2.29
	122	17.52	2.08	18.91	2.16	20.29	2.24	21.30	2.26	23.05	2.31	24.43	2.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 18: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	22.42	1.14	23.82	1.19	25.21	1.23	26.22	1.24	28.00	1.27	29.39	1.29
	0	22.41	1.16	23.80	1.20	25.20	1.24	26.20	1.26	27.98	1.28	29.37	1.31
	5	22.39	1.17	23.79	1.22	25.18	1.26	26.18	1.28	27.96	1.30	29.35	1.33
	10	22.38	1.19	23.77	1.24	25.16	1.28	26.16	1.30	27.94	1.32	29.33	1.35
	14	22.36	1.21	23.75	1.25	25.14	1.30	26.14	1.31	27.91	1.34	29.30	1.37
	20	22.34	1.23	23.73	1.27	25.12	1.32	26.12	1.33	27.89	1.36	29.28	1.39
	25	22.33	1.24	23.71	1.29	25.10	1.34	26.10	1.35	27.87	1.38	29.26	1.41
	30	22.31	1.26	23.69	1.31	25.08	1.36	26.08	1.37	27.85	1.40	29.24	1.43
	35	22.29	1.28	23.68	1.33	25.06	1.37	26.06	1.39	27.83	1.42	29.21	1.44
	40	22.27	1.30	23.66	1.34	25.04	1.39	26.04	1.41	27.81	1.44	29.19	1.46
	45	22.26	1.31	23.64	1.36	25.02	1.41	26.02	1.43	27.79	1.45	29.17	1.48
	50	22.24	1.33	23.62	1.38	25.00	1.43	26.00	1.45	27.77	1.47	29.15	1.50
	55	22.22	1.35	23.60	1.40	24.98	1.45	25.98	1.47	27.74	1.49	29.12	1.52
	60	22.21	1.37	23.59	1.42	24.96	1.47	25.96	1.48	27.72	1.51	29.10	1.54
	65	22.19	1.38	23.57	1.43	24.95	1.49	25.94	1.50	27.70	1.53	29.08	1.56
	70	22.17	1.40	23.55	1.45	24.93	1.51	25.92	1.52	27.68	1.55	29.06	1.58
	75	21.64	1.48	23.01	1.53	24.39	1.59	25.38	1.60	27.13	1.63	28.51	1.67
	80	21.11	1.55	22.48	1.61	23.85	1.67	24.84	1.69	26.59	1.72	27.96	1.75
	85	20.58	1.63	21.94	1.69	23.31	1.75	24.30	1.77	26.04	1.80	27.41	1.84
	90	20.05	1.70	21.41	1.77	22.77	1.83	23.76	1.85	25.50	1.89	26.86	1.92
	95	19.47	1.78	20.83	1.84	22.19	1.91	22.81	1.93	24.90	1.97	26.26	2.01
	100	19.24	1.85	20.62	1.92	22.00	1.99	22.71	2.02	24.75	2.05	26.12	2.09
	105	19.02	1.93	20.41	2.00	21.81	2.07	22.61	2.10	24.60	2.14	25.99	2.18
	110	18.79	2.01	20.20	2.08	21.61	2.15	22.51	2.18	24.44	2.22	25.86	2.26
	115	18.56	2.08	19.99	2.16	21.42	2.24	22.41	2.26	24.29	2.30	25.72	2.35
	118	18.42	2.13	19.86	2.20	21.31	2.28	22.35	2.31	24.20	2.35	25.64	2.40
	122	18.37	2.19	19.82	2.27	21.27	2.35	22.33	2.38	24.17	2.42	25.62	2.47
21	-4	23.46	1.20	24.92	1.24	26.38	1.29	27.43	1.30	29.29	1.33	30.75	1.35
	0	23.45	1.21	24.91	1.26	26.36	1.30	27.41	1.32	29.27	1.34	30.73	1.37
	5	23.43	1.23	24.88	1.28	26.34	1.32	27.39	1.34	29.25	1.36	30.71	1.39
	10	23.41	1.25	24.87	1.30	26.32	1.34	27.37	1.36	29.23	1.38	30.68	1.41
	14	23.39	1.27	24.85	1.31	26.30	1.36	27.35	1.38	29.21	1.40	30.66	1.43
	20	23.38	1.29	24.83	1.33	26.28	1.38	27.33	1.40	29.18	1.42	30.64	1.45
	25	23.36	1.30	24.81	1.35	26.26	1.40	27.31	1.42	29.16	1.44	30.61	1.47
	30	23.34	1.32	24.79	1.37	26.24	1.42	27.29	1.44	29.14	1.46	30.59	1.49
	35	23.32	1.34	24.77	1.39	26.22	1.44	27.27	1.46	29.12	1.48	30.56	1.51
	40	23.30	1.36	24.75	1.41	26.20	1.46	27.24	1.48	29.09	1.50	30.54	1.53
	45	23.29	1.38	24.73	1.43	26.18	1.48	27.22	1.50	29.07	1.52	30.52	1.56
	50	23.27	1.40	24.71	1.45	26.16	1.50	27.20	1.52	29.05	1.54	30.49	1.58
	55	23.25	1.41	24.70	1.47	26.14	1.52	27.18	1.54	29.03	1.56	30.47	1.60
	60	23.23	1.43	24.68	1.48	26.12	1.54	27.16	1.56	29.01	1.59	30.45	1.62
	65	23.22	1.45	24.66	1.50	26.10	1.56	27.14	1.58	28.98	1.61	30.42	1.64
	70	23.20	1.47	24.64	1.52	26.08	1.58	27.12	1.60	28.96	1.63	30.40	1.66
	75	22.64	1.55	24.08	1.60	25.51	1.66	26.55	1.68	28.39	1.71	29.83	1.75
	80	22.08	1.63	23.51	1.69	24.95	1.75	25.98	1.77	27.82	1.80	29.25	1.84
	85	21.53	1.71	22.96	1.77	24.39	1.83	25.42	1.85	27.25	1.89	28.68	1.93
	90	20.97	1.78	22.40	1.85	23.83	1.92	24.86	1.94	26.68	1.98	28.11	2.02
	95	20.37	1.86	21.79	1.93	23.21	2.00	23.86	2.03	26.05	2.06	27.47	2.11
	100	20.13	1.94	21.57	2.01	23.01	2.09	23.76	2.11	25.89	2.15	27.33	2.19
	105	19.89	2.02	21.35	2.10	22.81	2.17	23.66	2.20	25.73	2.24	27.19	2.28
	110	19.65	2.10	21.13	2.18	22.61	2.26	23.55	2.28	25.57	2.33	27.05	2.37
	115	19.41	2.18	20.92	2.26	22.41	2.34	23.45	2.37	25.42	2.41	26.91	2.46
	118	19.27	2.23	20.78	2.31	22.29	2.39	23.39	2.42	25.32	2.47	26.83	2.52
	122	19.22	2.29	20.74	2.38	22.25	2.46	23.37	2.49	25.29	2.54	26.80	2.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 19: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	24.50	1.25	26.02	1.30	27.54	1.35	28.64	1.36	30.58	1.39	32.11	1.42
	0	24.49	1.27	26.01	1.31	27.53	1.36	28.63	1.38	30.57	1.40	32.09	1.43
	5	24.47	1.29	25.98	1.33	27.50	1.38	28.60	1.40	30.54	1.43	32.06	1.45
	10	24.45	1.31	25.96	1.35	27.48	1.40	28.58	1.42	30.52	1.45	32.04	1.48
	14	24.43	1.33	25.95	1.37	27.46	1.42	28.56	1.44	30.50	1.47	32.01	1.50
	20	24.41	1.35	25.93	1.39	27.44	1.45	28.54	1.46	30.47	1.49	31.99	1.52
	25	24.39	1.36	25.91	1.41	27.42	1.47	28.51	1.48	30.45	1.51	31.96	1.54
	30	24.37	1.38	25.89	1.43	27.40	1.49	28.49	1.50	30.43	1.53	31.94	1.56
	35	24.35	1.40	25.87	1.45	27.38	1.51	28.47	1.52	30.40	1.55	31.92	1.58
	40	24.33	1.42	25.85	1.47	27.36	1.53	28.45	1.54	30.38	1.57	31.89	1.61
	45	24.32	1.44	25.83	1.49	27.34	1.55	28.43	1.57	30.36	1.59	31.87	1.63
	50	24.30	1.46	25.81	1.51	27.32	1.57	28.41	1.59	30.33	1.62	31.84	1.65
	55	24.28	1.48	25.79	1.53	27.29	1.59	28.38	1.61	30.31	1.64	31.82	1.67
	60	24.26	1.50	25.77	1.55	27.27	1.61	28.36	1.63	30.29	1.66	31.79	1.69
	65	24.24	1.52	25.75	1.57	27.25	1.63	28.34	1.65	30.26	1.68	31.77	1.71
	70	24.22	1.54	25.73	1.59	27.23	1.65	28.32	1.67	30.24	1.70	31.74	1.73
	75	23.64	1.62	25.14	1.68	26.64	1.74	27.73	1.76	29.64	1.79	31.14	1.83
	80	23.06	1.70	24.55	1.76	26.05	1.83	27.13	1.85	29.05	1.88	30.54	1.92
	85	22.48	1.78	23.97	1.85	25.47	1.92	26.54	1.94	28.45	1.98	29.95	2.01
	90	21.90	1.87	23.39	1.94	24.88	2.01	25.96	2.03	27.86	2.07	29.35	2.11
	95	21.27	1.95	22.76	2.02	24.24	2.09	24.92	2.12	27.20	2.16	28.69	2.20
	100	21.02	2.03	22.53	2.11	24.03	2.18	24.81	2.21	27.04	2.25	28.54	2.30
23	105	20.77	2.12	22.30	2.19	23.82	2.27	24.70	2.30	26.87	2.34	28.39	2.39
	110	20.52	2.20	22.07	2.28	23.61	2.36	24.59	2.39	26.70	2.43	28.25	2.48
	115	20.27	2.28	21.84	2.36	23.40	2.45	24.49	2.48	26.54	2.53	28.10	2.58
	118	20.12	2.33	21.70	2.42	23.28	2.50	24.42	2.53	26.44	2.58	28.02	2.63
	122	20.07	2.40	21.66	2.48	23.24	2.58	24.40	2.61	26.41	2.65	27.99	2.71
	-4	25.54	1.31	27.12	1.36	28.71	1.41	29.85	1.42	31.88	1.45	33.47	1.48
	0	25.52	1.32	27.11	1.37	28.69	1.42	29.84	1.44	31.86	1.46	33.45	1.49
	5	25.50	1.34	27.08	1.39	28.67	1.44	29.81	1.46	31.84	1.49	33.42	1.52
	10	25.48	1.36	27.06	1.41	28.65	1.47	29.79	1.48	31.81	1.51	33.39	1.54
	14	25.46	1.38	27.04	1.44	28.62	1.49	29.77	1.50	31.79	1.53	33.37	1.56
	20	25.44	1.40	27.02	1.46	28.60	1.51	29.74	1.53	31.76	1.55	33.34	1.59
	25	25.42	1.42	27.00	1.48	28.58	1.53	29.72	1.55	31.74	1.58	33.32	1.61
	30	25.40	1.44	26.98	1.50	28.56	1.55	29.70	1.57	31.71	1.60	33.29	1.63
	35	25.38	1.46	26.96	1.52	28.54	1.57	29.68	1.59	31.69	1.62	33.27	1.65
	40	25.36	1.48	26.94	1.54	28.52	1.59	29.65	1.61	31.67	1.64	33.24	1.68
	45	25.35	1.50	26.92	1.56	28.49	1.62	29.63	1.63	31.64	1.66	33.22	1.70
	50	25.33	1.52	26.90	1.58	28.47	1.64	29.61	1.66	31.62	1.69	33.19	1.72
	55	25.31	1.54	26.88	1.60	28.45	1.66	29.59	1.68	31.59	1.71	33.16	1.74
	60	25.29	1.56	26.86	1.62	28.43	1.68	29.56	1.70	31.57	1.73	33.14	1.77
	65	25.27	1.58	26.84	1.64	28.41	1.70	29.54	1.72	31.54	1.75	33.11	1.79
	70	25.25	1.60	26.82	1.66	28.38	1.72	29.52	1.74	31.52	1.78	33.09	1.81
	75	24.64	1.69	26.21	1.75	27.77	1.82	28.90	1.84	30.90	1.87	32.46	1.91
	80	24.03	1.78	25.59	1.84	27.15	1.91	28.28	1.93	30.27	1.97	31.83	2.01
	85	23.43	1.86	24.99	1.93	26.54	2.00	27.67	2.02	29.66	2.06	31.21	2.10
	90	22.83	1.95	24.38	2.02	25.93	2.09	27.06	2.12	29.04	2.16	30.59	2.20
	95	22.18	2.04	23.72	2.11	25.27	2.19	25.97	2.21	28.35	2.25	29.90	2.30
	100	21.91	2.12	23.48	2.20	25.05	2.28	25.86	2.31	28.18	2.35	29.75	2.40
	105	21.65	2.21	23.24	2.29	24.83	2.37	25.75	2.40	28.01	2.45	29.60	2.49
	110	21.39	2.30	23.00	2.38	24.61	2.47	25.64	2.49	27.84	2.54	29.44	2.59
	115	21.13	2.38	22.76	2.47	24.40	2.56	25.52	2.59	27.66	2.64	29.29	2.69
	118	20.97	2.43	22.62	2.52	24.26	2.61	25.45	2.64	27.56	2.69	29.20	2.75
	122	20.92	2.50	22.57	2.59	24.22	2.69	25.43	2.72	27.52	2.77	29.17	2.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 20: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	26.57	1.36	28.22	1.41	29.87	1.47	31.07	1.48	33.17	1.51	34.82	1.54
	0	26.56	1.38	28.21	1.43	29.86	1.48	31.05	1.50	33.16	1.53	34.81	1.56
	5	26.54	1.40	28.18	1.45	29.83	1.51	31.02	1.52	33.13	1.55	34.78	1.58
	10	26.52	1.42	28.16	1.47	29.81	1.53	31.00	1.55	33.10	1.57	34.75	1.61
	14	26.50	1.44	28.14	1.50	29.79	1.55	30.98	1.57	33.08	1.60	34.72	1.63
	20	26.48	1.46	28.12	1.52	29.76	1.57	30.95	1.59	33.05	1.62	34.70	1.65
	25	26.46	1.48	28.10	1.54	29.74	1.60	30.93	1.61	33.03	1.64	34.67	1.68
	30	26.44	1.51	28.08	1.56	29.72	1.62	30.90	1.64	33.00	1.67	34.64	1.70
	35	26.42	1.53	28.06	1.58	29.70	1.64	30.88	1.66	32.98	1.69	34.62	1.72
	40	26.39	1.55	28.03	1.60	29.67	1.66	30.86	1.68	32.95	1.71	34.59	1.75
	45	26.37	1.57	28.01	1.62	29.65	1.68	30.83	1.70	32.93	1.74	34.56	1.77
	50	26.35	1.59	27.99	1.65	29.63	1.71	30.81	1.73	32.90	1.76	34.54	1.79
	55	26.33	1.61	27.97	1.67	29.61	1.73	30.79	1.75	32.88	1.78	34.51	1.82
	60	26.31	1.63	27.95	1.69	29.58	1.75	30.76	1.77	32.85	1.80	34.49	1.84
	65	26.29	1.65	27.93	1.71	29.56	1.77	30.74	1.79	32.83	1.83	34.46	1.86
	70	26.27	1.67	27.91	1.73	29.54	1.80	30.72	1.82	32.80	1.85	34.43	1.89
	75	25.64	1.76	27.27	1.83	28.90	1.89	30.07	1.91	32.15	1.95	33.78	1.99
	80	25.01	1.85	26.63	1.92	28.26	1.99	29.43	2.01	31.50	2.05	33.13	2.09
	85	24.38	1.94	26.00	2.01	27.62	2.09	28.79	2.11	30.86	2.15	32.48	2.19
	90	23.76	2.03	25.37	2.11	26.99	2.18	28.15	2.21	30.22	2.25	31.83	2.29
	95	23.08	2.12	24.68	2.20	26.29	2.28	27.03	2.31	29.51	2.35	31.11	2.40
	100	22.80	2.21	24.43	2.29	26.06	2.38	26.91	2.40	29.33	2.45	30.96	2.50
	105	22.53	2.30	24.19	2.39	25.84	2.47	26.79	2.50	29.15	2.55	30.80	2.60
	110	22.26	2.39	23.94	2.48	25.61	2.57	26.68	2.60	28.97	2.65	30.64	2.70
	115	21.99	2.48	23.69	2.57	25.39	2.67	26.56	2.70	28.79	2.75	30.48	2.80
	118	21.83	2.54	23.54	2.63	25.25	2.73	26.49	2.76	28.68	2.81	30.39	2.87
	122	21.77	2.61	23.49	2.70	25.20	2.80	26.46	2.84	28.64	2.89	30.36	2.95
25	-4	27.61	1.42	29.32	1.47	31.04	1.53	32.28	1.54	34.47	1.57	36.18	1.60
	0	27.59	1.44	29.31	1.49	31.02	1.54	32.26	1.56	34.45	1.59	36.16	1.62
	5	27.57	1.46	29.28	1.51	31.00	1.57	32.23	1.59	34.42	1.62	36.13	1.65
	10	27.55	1.48	29.26	1.53	30.97	1.59	32.21	1.61	34.40	1.64	36.11	1.67
	14	27.53	1.50	29.24	1.56	30.95	1.61	32.18	1.63	34.37	1.66	36.08	1.70
	20	27.51	1.52	29.22	1.58	30.93	1.64	32.16	1.66	34.34	1.69	36.05	1.72
	25	27.49	1.55	29.20	1.60	30.90	1.66	32.14	1.68	34.32	1.71	36.02	1.75
	30	27.47	1.57	29.17	1.62	30.88	1.68	32.11	1.70	34.29	1.73	36.00	1.77
	35	27.45	1.59	29.15	1.65	30.86	1.71	32.09	1.73	34.26	1.76	35.97	1.79
	40	27.43	1.61	29.13	1.67	30.83	1.73	32.06	1.75	34.24	1.78	35.94	1.82
	45	27.40	1.63	29.11	1.69	30.81	1.75	32.04	1.77	34.21	1.81	35.91	1.84
	50	27.38	1.65	29.08	1.71	30.78	1.78	32.01	1.80	34.19	1.83	35.89	1.87
	55	27.36	1.67	29.06	1.74	30.76	1.80	31.99	1.82	34.16	1.85	35.86	1.89
	60	27.34	1.70	29.04	1.76	30.74	1.82	31.96	1.84	34.13	1.88	35.83	1.92
	65	27.32	1.72	29.02	1.78	30.71	1.85	31.94	1.87	34.11	1.90	35.80	1.94
	70	27.30	1.74	28.99	1.80	30.69	1.87	31.91	1.89	34.08	1.93	35.78	1.96
	75	26.64	1.83	28.33	1.90	30.02	1.97	31.25	1.99	33.41	2.03	35.10	2.07
	80	25.99	1.93	27.67	2.00	29.36	2.07	30.58	2.09	32.73	2.13	34.42	2.18
	85	25.33	2.02	27.02	2.09	28.70	2.17	29.92	2.20	32.07	2.24	33.75	2.28
	90	24.68	2.11	26.36	2.19	28.04	2.27	29.25	2.30	31.40	2.34	33.08	2.39
	95	23.98	2.21	25.65	2.29	27.32	2.37	28.08	2.40	30.66	2.45	32.33	2.49
	100	23.69	2.30	25.39	2.39	27.08	2.47	27.96	2.50	30.47	2.55	32.16	2.60
	105	23.41	2.40	25.13	2.48	26.85	2.57	27.84	2.60	30.28	2.65	32.00	2.71
	110	23.13	2.49	24.87	2.58	26.61	2.68	27.72	2.71	30.10	2.76	31.84	2.81
	115	22.85	2.58	24.61	2.68	26.38	2.78	27.59	2.81	29.91	2.86	31.67	2.92
	118	22.68	2.64	24.46	2.74	26.24	2.84	27.52	2.87	29.80	2.92	31.57	2.98
	122	22.62	2.72	24.41	2.81	26.19	2.92	27.50	2.95	29.76	3.01	31.54	3.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 21: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	28.65	1.48	30.43	1.53	32.20	1.59	33.49	1.60	35.76	1.63	37.54	1.67
	0	28.63	1.49	30.41	1.55	32.19	1.60	33.47	1.62	35.74	1.65	37.52	1.69
	5	28.61	1.52	30.38	1.57	32.16	1.63	33.44	1.65	35.71	1.68	37.49	1.71
	10	28.59	1.54	30.36	1.59	32.14	1.65	33.42	1.67	35.69	1.70	37.46	1.74
	14	28.56	1.56	30.34	1.62	32.11	1.68	33.39	1.70	35.66	1.73	37.43	1.76
	20	28.54	1.58	30.31	1.64	32.09	1.70	33.37	1.72	35.63	1.75	37.41	1.79
	25	28.52	1.61	30.29	1.66	32.06	1.73	33.34	1.75	35.61	1.78	37.38	1.81
	30	28.50	1.63	30.27	1.69	32.04	1.75	33.32	1.77	35.58	1.80	37.35	1.84
	35	28.48	1.65	30.25	1.71	32.01	1.77	33.29	1.79	35.55	1.83	37.32	1.86
	40	28.46	1.67	30.22	1.73	31.99	1.80	33.27	1.82	35.52	1.85	37.29	1.89
	45	28.43	1.70	30.20	1.76	31.96	1.82	33.24	1.84	35.50	1.88	37.26	1.92
	50	28.41	1.72	30.18	1.78	31.94	1.85	33.21	1.87	35.47	1.90	37.23	1.94
	55	28.39	1.74	30.15	1.80	31.92	1.87	33.19	1.89	35.44	1.93	37.21	1.97
	60	28.37	1.76	30.13	1.83	31.89	1.89	33.16	1.92	35.42	1.95	37.18	1.99
	65	28.35	1.79	30.11	1.85	31.87	1.92	33.14	1.94	35.39	1.98	37.15	2.02
	70	28.32	1.81	30.08	1.87	31.84	1.94	33.11	1.96	35.36	2.00	37.12	2.04
	75	27.64	1.91	29.40	1.98	31.15	2.05	32.42	2.07	34.66	2.11	36.42	2.15
	80	26.96	2.00	28.71	2.08	30.46	2.15	31.73	2.18	33.96	2.22	35.71	2.26
	85	26.29	2.10	28.03	2.18	29.78	2.26	31.04	2.28	33.27	2.33	35.02	2.37
	90	25.61	2.20	27.35	2.28	29.09	2.36	30.35	2.39	32.58	2.43	34.32	2.48
	95	24.88	2.30	26.61	2.38	28.34	2.47	29.14	2.49	31.81	2.54	33.54	2.59
	100	24.58	2.39	26.34	2.48	28.10	2.57	29.01	2.60	31.61	2.65	33.37	2.70
	105	24.29	2.49	26.07	2.58	27.86	2.68	28.88	2.71	31.42	2.76	33.20	2.81
	110	24.00	2.59	25.81	2.68	27.61	2.78	28.76	2.81	31.23	2.87	33.03	2.92
	115	23.70	2.69	25.54	2.78	27.37	2.89	28.63	2.92	31.03	2.97	32.86	3.03
	118	23.53	2.74	25.38	2.84	27.22	2.95	28.56	2.98	30.92	3.04	32.76	3.10
	122	23.47	2.82	25.32	2.93	27.17	3.03	28.53	3.07	30.88	3.12	32.73	3.19
27	-4	29.68	1.53	31.53	1.59	33.37	1.65	34.70	1.66	37.06	1.70	38.90	1.73
	0	29.67	1.55	31.51	1.61	33.35	1.66	34.68	1.68	37.04	1.71	38.88	1.75
	5	29.64	1.57	31.48	1.63	33.33	1.69	34.65	1.71	37.01	1.74	38.85	1.78
	10	29.62	1.60	31.46	1.66	33.30	1.72	34.63	1.74	36.98	1.77	38.82	1.80
	14	29.60	1.62	31.44	1.68	33.27	1.74	34.60	1.76	36.95	1.79	38.79	1.83
	20	29.58	1.64	31.41	1.70	33.25	1.77	34.58	1.79	36.92	1.82	38.76	1.86
	25	29.55	1.67	31.39	1.73	33.22	1.79	34.55	1.81	36.89	1.85	38.73	1.88
	30	29.53	1.69	31.36	1.75	33.20	1.82	34.52	1.84	36.87	1.87	38.70	1.91
	35	29.51	1.71	31.34	1.78	33.17	1.84	34.50	1.86	36.84	1.90	38.67	1.94
	40	29.49	1.74	31.32	1.80	33.15	1.87	34.47	1.89	36.81	1.92	38.64	1.96
	45	29.46	1.76	31.29	1.82	33.12	1.89	34.44	1.91	36.78	1.95	38.61	1.99
	50	29.44	1.78	31.27	1.85	33.10	1.92	34.42	1.94	36.75	1.97	38.58	2.01
	55	29.42	1.81	31.24	1.87	33.07	1.94	34.39	1.96	36.73	2.00	38.55	2.04
	60	29.39	1.83	31.22	1.90	33.05	1.97	34.36	1.99	36.70	2.03	38.52	2.07
	65	29.37	1.85	31.20	1.92	33.02	1.99	34.34	2.01	36.67	2.05	38.49	2.09
	70	29.35	1.88	31.17	1.95	33.00	2.02	34.31	2.04	36.64	2.08	38.46	2.12
	75	28.64	1.98	30.46	2.05	32.28	2.12	33.59	2.15	35.92	2.19	37.73	2.23
	80	27.94	2.08	29.75	2.15	31.56	2.23	32.87	2.26	35.19	2.30	37.01	2.35
	85	27.24	2.18	29.05	2.26	30.86	2.34	32.16	2.37	34.47	2.41	36.28	2.46
	90	26.54	2.28	28.34	2.36	30.15	2.45	31.45	2.48	33.76	2.53	35.56	2.58
	95	25.78	2.38	27.57	2.47	29.37	2.56	30.19	2.59	32.96	2.64	34.76	2.69
	100	25.47	2.48	27.30	2.57	29.12	2.67	30.06	2.70	32.76	2.75	34.58	2.81
	105	25.17	2.59	27.02	2.68	28.86	2.78	29.93	2.81	32.56	2.86	34.40	2.92
	110	24.87	2.69	26.74	2.78	28.61	2.89	29.80	2.92	32.36	2.97	34.23	3.03
	115	24.56	2.79	26.46	2.89	28.36	3.00	29.67	3.03	32.16	3.09	34.05	3.15
	118	24.38	2.85	26.29	2.95	28.21	3.06	29.59	3.10	32.03	3.15	33.95	3.22
	122	24.32	2.93	26.24	3.04	28.16	3.15	29.56	3.18	31.99	3.24	33.91	3.31

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 22: KUMXA361A Maximum Cooling Capacity Table —Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	30.72	1.59	32.63	1.65	34.54	1.71	35.91	1.73	38.35	1.76	40.26	1.79
	0	30.70	1.61	32.61	1.66	34.52	1.72	35.89	1.74	38.33	1.78	40.24	1.81
	5	30.68	1.63	32.58	1.69	34.49	1.75	35.87	1.77	38.30	1.81	40.21	1.84
	10	30.66	1.66	32.56	1.72	34.46	1.78	35.84	1.80	38.27	1.83	40.17	1.87
	14	30.63	1.68	32.53	1.74	34.44	1.80	35.81	1.83	38.24	1.86	40.14	1.90
	20	30.61	1.70	32.51	1.77	34.41	1.83	35.78	1.85	38.21	1.89	40.11	1.92
	25	30.59	1.73	32.48	1.79	34.38	1.86	35.76	1.88	38.18	1.91	40.08	1.95
	30	30.56	1.75	32.46	1.82	34.36	1.88	35.73	1.90	38.15	1.94	40.05	1.98
	35	30.54	1.78	32.44	1.84	34.33	1.91	35.70	1.93	38.12	1.97	40.02	2.01
	40	30.52	1.80	32.41	1.87	34.31	1.93	35.67	1.96	38.10	1.99	39.99	2.03
	45	30.49	1.82	32.39	1.89	34.28	1.96	35.65	1.98	38.07	2.02	39.96	2.06
	50	30.47	1.85	32.36	1.92	34.25	1.99	35.62	2.01	38.04	2.05	39.93	2.09
	55	30.45	1.87	32.34	1.94	34.23	2.01	35.59	2.04	38.01	2.07	39.90	2.12
	60	30.42	1.90	32.31	1.97	34.20	2.04	35.56	2.06	37.98	2.10	39.87	2.14
	65	30.40	1.92	32.29	1.99	34.17	2.06	35.54	2.09	37.95	2.13	39.84	2.17
	70	30.37	1.95	32.26	2.02	34.15	2.09	35.51	2.11	37.92	2.15	39.81	2.20
	75	29.64	2.05	31.53	2.13	33.41	2.20	34.77	2.23	37.17	2.27	39.05	2.32
	80	28.91	2.16	30.79	2.23	32.67	2.32	34.02	2.34	36.42	2.39	38.30	2.43
	85	28.19	2.26	30.06	2.34	31.93	2.43	33.29	2.46	35.68	2.50	37.55	2.55
	90	27.46	2.37	29.33	2.45	31.20	2.54	32.55	2.57	34.94	2.62	36.80	2.67
	95	26.68	2.47	28.54	2.56	30.39	2.65	31.25	2.68	34.11	2.73	35.97	2.79
	100	26.36	2.58	28.25	2.67	30.13	2.77	31.11	2.80	33.90	2.85	35.79	2.91
	105	26.05	2.68	27.96	2.78	29.87	2.88	30.98	2.91	33.70	2.97	35.61	3.03
	110	25.74	2.79	27.67	2.89	29.61	2.99	30.84	3.03	33.49	3.08	35.42	3.15
	115	25.42	2.89	27.39	3.00	29.35	3.10	30.70	3.14	33.28	3.20	35.24	3.26
	118	25.23	2.95	27.21	3.06	29.19	3.17	30.62	3.21	33.15	3.27	35.13	3.34
	122	25.17	3.04	27.16	3.15	29.14	3.26	30.60	3.30	33.11	3.36	35.10	3.43
29	-4	31.76	1.64	33.73	1.70	35.70	1.77	37.13	1.79	39.65	1.82	41.62	1.86
	0	31.74	1.66	33.71	1.72	35.68	1.79	37.11	1.81	39.63	1.84	41.60	1.88
	5	31.71	1.69	33.68	1.75	35.65	1.82	37.08	1.84	39.59	1.87	41.56	1.91
	10	31.69	1.71	33.66	1.78	35.63	1.84	37.05	1.86	39.56	1.90	41.53	1.94
	14	31.67	1.74	33.63	1.80	35.60	1.87	37.02	1.89	39.53	1.93	41.50	1.96
	20	31.64	1.76	33.61	1.83	35.57	1.90	36.99	1.92	39.50	1.95	41.47	1.99
	25	31.62	1.79	33.58	1.85	35.54	1.92	36.96	1.94	39.47	1.98	41.44	2.02
	30	31.59	1.81	33.56	1.88	35.52	1.95	36.93	1.97	39.44	2.01	41.40	2.05
	35	31.57	1.84	33.53	1.91	35.49	1.98	36.91	2.00	39.41	2.04	41.37	2.08
	40	31.55	1.86	33.50	1.93	35.46	2.00	36.88	2.03	39.38	2.06	41.34	2.11
	45	31.52	1.89	33.48	1.96	35.44	2.03	36.85	2.05	39.35	2.09	41.31	2.13
	50	31.50	1.91	33.45	1.98	35.41	2.06	36.82	2.08	39.32	2.12	41.28	2.16
	55	31.47	1.94	33.43	2.01	35.38	2.08	36.79	2.11	39.29	2.15	41.25	2.19
	60	31.45	1.96	33.40	2.04	35.35	2.11	36.77	2.14	39.26	2.17	41.21	2.22
	65	31.42	1.99	33.38	2.06	35.33	2.14	36.74	2.16	39.23	2.20	41.18	2.25
	70	31.40	2.01	33.35	2.09	35.30	2.16	36.71	2.19	39.20	2.23	41.15	2.28
	75	30.64	2.12	32.59	2.20	34.54	2.28	35.94	2.31	38.43	2.35	40.37	2.40
	80	29.89	2.23	31.83	2.31	33.77	2.40	35.17	2.43	37.65	2.47	39.59	2.52
	85	29.14	2.34	31.08	2.43	33.01	2.51	34.41	2.54	36.88	2.59	38.82	2.64
	90	28.39	2.45	30.32	2.54	32.25	2.63	33.65	2.66	36.11	2.71	38.05	2.77
	95	27.58	2.56	29.50	2.65	31.42	2.75	32.30	2.78	35.26	2.83	37.18	2.89
	100	27.25	2.67	29.20	2.76	31.15	2.86	32.16	2.90	35.05	2.95	37.00	3.01
	105	26.93	2.78	28.91	2.88	30.88	2.98	32.02	3.02	34.83	3.07	36.81	3.13
	110	26.60	2.88	28.61	2.99	30.61	3.10	31.88	3.13	34.62	3.19	36.62	3.26
	115	26.28	2.99	28.31	3.10	30.34	3.22	31.74	3.25	34.40	3.31	36.43	3.38
	118	26.08	3.06	28.13	3.17	30.18	3.29	31.66	3.32	34.27	3.39	36.32	3.45
	122	26.02	3.14	28.07	3.26	30.12	3.38	31.63	3.42	34.23	3.48	36.28	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F ^{WITH LGRED°}
MULTI F MAX

Table 23: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	32.79	1.70	34.83	1.76	36.87	1.83	38.34	1.85	40.94	1.88	42.98	1.92
	0	32.78	1.72	34.81	1.78	36.85	1.85	38.32	1.87	40.92	1.90	42.95	1.94
	5	32.75	1.75	34.78	1.81	36.82	1.88	38.29	1.90	40.89	1.94	42.92	1.97
	10	32.72	1.77	34.76	1.84	36.79	1.91	38.26	1.93	40.85	1.96	42.89	2.00
	14	32.70	1.80	34.73	1.87	36.76	1.93	38.23	1.96	40.82	1.99	42.85	2.03
	20	32.67	1.83	34.70	1.89	36.73	1.96	38.20	1.98	40.79	2.02	42.82	2.06
	25	32.65	1.85	34.68	1.92	36.71	1.99	38.17	2.01	40.76	2.05	42.79	2.09
	30	32.63	1.88	34.65	1.95	36.68	2.02	38.14	2.04	40.73	2.08	42.76	2.12
	35	32.60	1.90	34.62	1.97	36.65	2.04	38.11	2.07	40.70	2.11	42.72	2.15
	40	32.58	1.93	34.60	2.00	36.62	2.07	38.08	2.10	40.67	2.14	42.69	2.18
	45	32.55	1.95	34.57	2.03	36.59	2.10	38.05	2.12	40.64	2.16	42.66	2.21
	50	32.53	1.98	34.55	2.05	36.57	2.13	38.02	2.15	40.61	2.19	42.63	2.24
	55	32.50	2.01	34.52	2.08	36.54	2.16	37.99	2.18	40.57	2.22	42.59	2.27
	60	32.48	2.03	34.49	2.11	36.51	2.18	37.97	2.21	40.54	2.25	42.56	2.30
	65	32.45	2.06	34.47	2.13	36.48	2.21	37.94	2.24	40.51	2.28	42.53	2.32
	70	32.43	2.08	34.44	2.16	36.45	2.24	37.91	2.26	40.48	2.31	42.49	2.35
	75	31.65	2.20	33.65	2.28	35.66	2.36	37.11	2.39	39.68	2.43	41.69	2.48
	80	30.86	2.31	32.87	2.39	34.87	2.48	36.32	2.51	38.88	2.56	40.88	2.61
	85	30.09	2.42	32.09	2.51	34.09	2.60	35.53	2.63	38.09	2.68	40.09	2.73
	90	29.32	2.53	31.31	2.63	33.31	2.72	34.75	2.75	37.29	2.80	39.29	2.86
	95	28.48	2.65	30.46	2.74	32.45	2.84	33.36	2.88	36.41	2.93	38.40	2.99
	100	28.14	2.76	30.16	2.86	32.17	2.96	33.21	3.00	36.19	3.05	38.20	3.12
31	105	27.81	2.87	29.85	2.98	31.89	3.08	33.07	3.12	35.97	3.18	38.01	3.24
	110	27.47	2.98	29.54	3.09	31.61	3.21	32.92	3.24	35.75	3.30	37.81	3.37
	115	27.14	3.10	29.23	3.21	31.33	3.33	32.78	3.36	35.53	3.43	37.62	3.50
	118	26.94	3.16	29.05	3.28	31.16	3.40	32.69	3.44	35.39	3.50	37.50	3.57
	122	26.87	3.25	28.99	3.37	31.11	3.50	32.66	3.54	35.35	3.60	37.46	3.67
	-4	33.83	1.76	35.93	1.82	38.03	1.89	39.55	1.91	42.24	1.95	44.34	1.99
	0	33.81	1.78	35.91	1.84	38.01	1.91	39.53	1.93	42.21	1.97	44.31	2.01
	5	33.79	1.81	35.88	1.87	37.98	1.94	39.50	1.96	42.18	2.00	44.28	2.04
	10	33.76	1.83	35.86	1.90	37.95	1.97	39.47	1.99	42.15	2.03	44.24	2.07
	14	33.73	1.86	35.83	1.93	37.92	2.00	39.44	2.02	42.11	2.06	44.21	2.10
	20	33.71	1.89	35.80	1.96	37.90	2.03	39.41	2.05	42.08	2.09	44.18	2.13
	25	33.68	1.91	35.77	1.98	37.87	2.06	39.38	2.08	42.05	2.12	44.14	2.16
	30	33.66	1.94	35.75	2.01	37.84	2.08	39.35	2.11	42.02	2.15	44.11	2.19
	35	33.63	1.97	35.72	2.04	37.81	2.11	39.32	2.14	41.99	2.18	44.07	2.22
	40	33.61	1.99	35.69	2.07	37.78	2.14	39.29	2.17	41.95	2.21	44.04	2.25
	45	33.58	2.02	35.66	2.09	37.75	2.17	39.26	2.20	41.92	2.24	44.01	2.28
	50	33.55	2.05	35.64	2.12	37.72	2.20	39.23	2.22	41.89	2.27	43.97	2.31
	55	33.53	2.07	35.61	2.15	37.69	2.23	39.20	2.25	41.86	2.30	43.94	2.34
	60	33.50	2.10	35.58	2.18	37.66	2.26	39.17	2.28	41.82	2.33	43.91	2.37
	65	33.48	2.13	35.56	2.20	37.63	2.28	39.14	2.31	41.79	2.35	43.87	2.40
	70	33.45	2.15	35.53	2.23	37.61	2.31	39.11	2.34	41.76	2.38	43.84	2.43
	75	32.65	2.27	34.72	2.35	36.79	2.44	38.29	2.47	40.94	2.51	43.01	2.56
	80	31.84	2.39	33.91	2.47	35.98	2.56	37.47	2.59	40.11	2.64	42.18	2.69
	85	31.04	2.50	33.11	2.59	35.17	2.69	36.66	2.72	39.29	2.77	41.35	2.83
	90	30.25	2.62	32.30	2.71	34.36	2.81	35.84	2.85	38.47	2.90	40.53	2.96
	95	29.38	2.73	31.43	2.83	33.47	2.94	34.41	2.97	37.57	3.03	39.61	3.09
	100	29.03	2.85	31.11	2.95	33.18	3.06	34.26	3.10	37.34	3.16	39.41	3.22
	105	28.69	2.97	30.79	3.08	32.90	3.19	34.11	3.22	37.11	3.28	39.21	3.35
	110	28.34	3.08	30.48	3.20	32.61	3.31	33.96	3.35	36.88	3.41	39.01	3.48
	115	28.00	3.20	30.16	3.32	32.32	3.44	33.81	3.48	36.65	3.54	38.81	3.61
	118	27.79	3.27	29.97	3.39	32.15	3.51	33.72	3.55	36.51	3.62	38.69	3.69
	122	27.72	3.36	29.91	3.48	32.09	3.61	33.69	3.65	36.47	3.72	38.65	3.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 24: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	34.87	1.82	37.03	1.88	39.20	1.95	40.76	1.97	43.53	2.01	45.70	2.05
	0	34.85	1.84	37.01	1.90	39.18	1.97	40.74	1.99	43.51	2.03	45.67	2.07
	5	34.82	1.86	36.98	1.93	39.15	2.00	40.71	2.03	43.47	2.06	45.63	2.11
	10	34.79	1.89	36.96	1.96	39.12	2.03	40.68	2.06	43.44	2.10	45.60	2.14
	14	34.77	1.92	36.93	1.99	39.09	2.06	40.65	2.09	43.40	2.13	45.56	2.17
	20	34.74	1.95	36.90	2.02	39.06	2.09	40.61	2.12	43.37	2.16	45.53	2.20
	25	34.71	1.98	36.87	2.05	39.03	2.12	40.58	2.15	43.34	2.19	45.49	2.23
	30	34.69	2.00	36.84	2.08	39.00	2.15	40.55	2.18	43.31	2.22	45.46	2.26
	35	34.66	2.03	36.81	2.10	38.97	2.18	40.52	2.21	43.27	2.25	45.43	2.29
	40	34.64	2.06	36.79	2.13	38.94	2.21	40.49	2.24	43.24	2.28	45.39	2.32
	45	34.61	2.09	36.76	2.16	38.91	2.24	40.46	2.27	43.21	2.31	45.36	2.36
	50	34.58	2.11	36.73	2.19	38.88	2.27	40.43	2.30	43.17	2.34	45.32	2.39
	55	34.56	2.14	36.70	2.22	38.85	2.30	40.40	2.33	43.14	2.37	45.29	2.42
	60	34.53	2.17	36.67	2.25	38.82	2.33	40.37	2.36	43.11	2.40	45.25	2.45
	65	34.50	2.20	36.65	2.28	38.79	2.36	40.34	2.39	43.07	2.43	45.22	2.48
	70	34.48	2.22	36.62	2.30	38.76	2.39	40.30	2.42	43.04	2.46	45.18	2.51
	75	33.65	2.34	35.78	2.43	37.92	2.52	39.46	2.55	42.19	2.59	44.33	2.65
	80	32.82	2.46	34.95	2.55	37.08	2.65	38.62	2.68	41.34	2.73	43.47	2.78
	85	31.99	2.58	34.12	2.68	36.25	2.78	37.78	2.81	40.50	2.86	42.62	2.92
	90	31.17	2.70	33.29	2.80	35.41	2.90	36.94	2.94	39.65	2.99	41.77	3.05
	95	30.28	2.82	32.39	2.93	34.50	3.03	35.47	3.07	38.72	3.13	40.83	3.19
	100	29.92	2.94	32.06	3.05	34.20	3.16	35.31	3.20	38.48	3.26	40.62	3.32
33	105	29.57	3.06	31.74	3.17	33.90	3.29	35.16	3.33	38.24	3.39	40.41	3.46
	110	29.21	3.18	31.41	3.30	33.61	3.42	35.00	3.46	38.01	3.52	40.21	3.59
	115	28.85	3.30	31.08	3.42	33.31	3.55	34.85	3.59	37.77	3.66	40.00	3.73
	118	28.64	3.37	30.89	3.50	33.13	3.63	34.76	3.67	37.63	3.74	39.88	3.81
	122	28.57	3.47	30.82	3.60	33.07	3.73	34.73	3.77	37.58	3.84	39.83	3.92
	-4	35.91	1.87	38.14	1.94	40.37	2.01	41.98	2.03	44.83	2.07	47.06	2.11
	0	35.89	1.89	38.11	1.96	40.34	2.03	41.95	2.06	44.80	2.10	47.03	2.14
	5	35.86	1.92	38.08	1.99	40.31	2.07	41.92	2.09	44.76	2.13	46.99	2.17
	10	35.83	1.95	38.05	2.02	40.28	2.10	41.89	2.12	44.73	2.16	46.95	2.20
	14	35.80	1.98	38.03	2.05	40.25	2.13	41.85	2.15	44.70	2.19	46.92	2.24
	20	35.77	2.01	38.00	2.08	40.22	2.16	41.82	2.18	44.66	2.22	46.88	2.27
	25	35.75	2.04	37.97	2.11	40.19	2.19	41.79	2.21	44.63	2.26	46.85	2.30
	30	35.72	2.07	37.94	2.14	40.16	2.22	41.76	2.25	44.59	2.29	46.81	2.33
	35	35.69	2.09	37.91	2.17	40.13	2.25	41.73	2.28	44.56	2.32	46.78	2.37
	40	35.67	2.12	37.88	2.20	40.10	2.28	41.69	2.31	44.53	2.35	46.74	2.40
	45	35.64	2.15	37.85	2.23	40.06	2.31	41.66	2.34	44.49	2.38	46.70	2.43
	50	35.61	2.18	37.82	2.26	40.03	2.34	41.63	2.37	44.46	2.41	46.67	2.46
	55	35.58	2.21	37.79	2.29	40.00	2.37	41.60	2.40	44.42	2.44	46.63	2.49
	60	35.56	2.24	37.76	2.32	39.97	2.40	41.57	2.43	44.39	2.48	46.60	2.53
	65	35.53	2.27	37.74	2.35	39.94	2.43	41.54	2.46	44.35	2.51	46.56	2.56
	70	35.50	2.29	37.71	2.38	39.91	2.46	41.50	2.49	44.32	2.54	46.53	2.59
	75	34.65	2.42	36.85	2.51	39.05	2.60	40.63	2.63	43.44	2.68	45.64	2.73
	80	33.79	2.54	35.99	2.63	38.18	2.73	39.77	2.76	42.57	2.81	44.76	2.87
	85	32.95	2.66	35.13	2.76	37.32	2.86	38.90	2.90	41.70	2.95	43.89	3.01
	90	32.10	2.79	34.28	2.89	36.47	3.00	38.04	3.03	40.83	3.09	43.01	3.15
	95	31.18	2.91	33.35	3.02	35.52	3.13	36.52	3.16	39.87	3.22	42.04	3.29
	100	30.81	3.04	33.02	3.15	35.22	3.26	36.36	3.30	39.63	3.36	41.83	3.43
	105	30.45	3.16	32.68	3.28	34.91	3.39	36.20	3.43	39.38	3.50	41.62	3.57
	110	30.08	3.28	32.34	3.40	34.61	3.53	36.05	3.57	39.14	3.63	41.40	3.71
	115	29.71	3.41	32.01	3.53	34.30	3.66	35.89	3.70	38.90	3.77	41.19	3.85
	118	29.49	3.48	31.81	3.61	34.12	3.74	35.79	3.78	38.75	3.85	41.06	3.93
	122	29.42	3.58	31.74	3.71	34.06	3.85	35.76	3.89	38.70	3.96	41.02	4.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 25: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	36.94	1.93	39.24	2.00	41.53	2.07	43.19	2.10	46.12	2.14	48.41	2.18
	0	36.92	1.95	39.22	2.02	41.51	2.10	43.16	2.12	46.09	2.16	48.39	2.20
	5	36.89	1.98	39.18	2.05	41.47	2.13	43.13	2.15	46.06	2.19	48.35	2.24
	10	36.86	2.01	39.15	2.09	41.44	2.16	43.10	2.19	46.02	2.23	48.31	2.27
	14	36.84	2.04	39.12	2.12	41.41	2.19	43.06	2.22	45.99	2.26	48.27	2.31
	20	36.81	2.07	39.09	2.15	41.38	2.22	43.03	2.25	45.95	2.29	48.24	2.34
	25	36.78	2.10	39.06	2.18	41.35	2.26	43.00	2.28	45.92	2.32	48.20	2.37
	30	36.75	2.13	39.03	2.21	41.32	2.29	42.96	2.31	45.88	2.36	48.16	2.40
	35	36.72	2.16	39.00	2.24	41.28	2.32	42.93	2.35	45.85	2.39	48.13	2.44
	40	36.70	2.19	38.97	2.27	41.25	2.35	42.90	2.38	45.81	2.42	48.09	2.47
	45	36.67	2.22	38.94	2.30	41.22	2.38	42.87	2.41	45.78	2.45	48.05	2.50
	50	36.64	2.25	38.91	2.33	41.19	2.41	42.83	2.44	45.74	2.49	48.02	2.54
	55	36.61	2.28	38.88	2.36	41.16	2.45	42.80	2.47	45.71	2.52	47.98	2.57
	60	36.58	2.31	38.85	2.39	41.13	2.48	42.77	2.51	45.67	2.55	47.94	2.60
	65	36.55	2.33	38.83	2.42	41.10	2.51	42.73	2.54	45.64	2.58	47.91	2.64
	70	36.53	2.36	38.80	2.45	41.06	2.54	42.70	2.57	45.60	2.62	47.87	2.67
	75	35.65	2.49	37.91	2.58	40.17	2.68	41.81	2.71	44.70	2.76	46.96	2.81
	80	34.77	2.62	37.03	2.71	39.28	2.81	40.91	2.85	43.80	2.90	46.06	2.96
	85	33.90	2.75	36.15	2.85	38.40	2.95	40.03	2.98	42.90	3.04	45.16	3.10
	90	33.03	2.87	35.27	2.98	37.52	3.09	39.14	3.12	42.01	3.18	44.26	3.25
	95	32.08	3.00	34.32	3.11	36.55	3.22	37.58	3.26	41.02	3.32	43.26	3.39
	100	31.70	3.13	33.97	3.24	36.24	3.36	37.41	3.40	40.77	3.46	43.04	3.53
	105	31.33	3.26	33.62	3.38	35.92	3.50	37.25	3.54	40.52	3.61	42.82	3.68
	110	30.95	3.38	33.28	3.51	35.61	3.64	37.09	3.68	40.27	3.75	42.60	3.82
	115	30.57	3.51	32.93	3.64	35.29	3.77	36.92	3.82	40.02	3.89	42.38	3.97
	118	30.34	3.59	32.73	3.72	35.10	3.85	36.82	3.90	39.87	3.97	42.25	4.05
	122	30.27	3.69	32.66	3.82	35.04	3.96	36.79	4.01	39.82	4.09	41.99	4.15
35	-4	37.98	1.99	40.34	2.06	42.70	2.14	44.40	2.16	47.41	2.20	49.77	2.24
	0	37.96	2.01	40.32	2.08	42.67	2.16	44.38	2.18	47.39	2.22	49.75	2.27
	5	37.93	2.04	40.28	2.12	42.64	2.19	44.34	2.22	47.35	2.26	49.70	2.31
	10	37.90	2.07	40.25	2.15	42.61	2.23	44.31	2.25	47.31	2.29	49.67	2.34
	14	37.87	2.10	40.22	2.18	42.57	2.26	44.27	2.28	47.28	2.33	49.63	2.37
	20	37.84	2.13	40.19	2.21	42.54	2.29	44.24	2.32	47.24	2.36	49.59	2.41
	25	37.81	2.16	40.16	2.24	42.51	2.32	44.20	2.35	47.21	2.39	49.55	2.44
	30	37.78	2.19	40.13	2.27	42.48	2.36	44.17	2.38	47.17	2.43	49.52	2.48
	35	37.75	2.22	40.10	2.30	42.44	2.39	44.14	2.42	47.13	2.46	49.48	2.51
	40	37.73	2.25	40.07	2.34	42.41	2.42	44.10	2.45	47.10	2.49	49.44	2.54
	45	37.70	2.28	40.04	2.37	42.38	2.45	44.07	2.48	47.06	2.53	49.40	2.58
	50	37.67	2.31	40.01	2.40	42.35	2.49	44.04	2.51	47.02	2.56	49.36	2.61
	55	37.64	2.34	39.98	2.43	42.31	2.52	44.00	2.55	46.99	2.59	49.33	2.65
	60	37.61	2.37	39.95	2.46	42.28	2.55	43.97	2.58	46.95	2.63	49.29	2.68
	65	37.58	2.40	39.91	2.49	42.25	2.58	43.93	2.61	46.92	2.66	49.25	2.72
	70	37.55	2.43	39.88	2.52	42.22	2.62	43.90	2.65	46.88	2.70	49.21	2.75
	75	36.65	2.57	38.97	2.66	41.30	2.76	42.98	2.79	45.95	2.84	48.28	2.90
	80	35.74	2.70	38.07	2.80	40.39	2.90	42.06	2.93	45.03	2.99	47.35	3.05
	85	34.85	2.83	37.16	2.93	39.48	3.04	41.15	3.07	44.11	3.13	46.42	3.19
	90	33.95	2.96	36.26	3.07	38.57	3.18	40.24	3.22	43.19	3.28	45.50	3.34
	95	32.98	3.09	35.28	3.20	37.58	3.32	38.63	3.36	42.17	3.42	44.47	3.49
	100	32.59	3.22	34.92	3.34	37.25	3.46	38.46	3.50	41.91	3.57	44.24	3.64
	105	32.20	3.35	34.57	3.48	36.93	3.60	38.30	3.64	41.66	3.71	44.02	3.79
	110	31.82	3.49	34.21	3.61	36.61	3.74	38.13	3.79	41.40	3.86	43.79	3.94
	115	31.43	3.62	33.86	3.75	36.28	3.89	37.96	3.93	41.14	4.00	43.57	4.08
	118	31.19	3.70	33.64	3.83	36.09	3.97	37.86	4.02	40.99	4.09	43.21	4.15
	122	31.12	3.80	33.57	3.94	36.02	4.08	37.82	4.13	40.95	4.15	41.96	4.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 26: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	39.02	2.05	41.44	2.12	43.86	2.20	45.61	2.22	48.71	2.27	51.13	2.31
	0	39.00	2.07	41.42	2.14	43.84	2.22	45.59	2.25	48.68	2.29	51.10	2.34
	5	38.96	2.10	41.38	2.18	43.80	2.26	45.55	2.28	48.64	2.33	51.06	2.37
	10	38.93	2.13	41.35	2.21	43.77	2.29	45.52	2.32	48.61	2.36	51.02	2.41
	14	38.90	2.16	41.32	2.24	43.74	2.33	45.48	2.35	48.57	2.40	50.98	2.44
	20	38.87	2.20	41.29	2.28	43.70	2.36	45.45	2.39	48.53	2.43	50.95	2.48
	25	38.84	2.23	41.26	2.31	43.67	2.39	45.41	2.42	48.49	2.46	50.91	2.51
	30	38.81	2.26	41.23	2.34	43.64	2.43	45.38	2.45	48.46	2.50	50.87	2.55
	35	38.79	2.29	41.19	2.37	43.60	2.46	45.34	2.49	48.42	2.53	50.83	2.58
	40	38.76	2.32	41.16	2.40	43.57	2.49	45.31	2.52	48.38	2.57	50.79	2.62
	45	38.73	2.35	41.13	2.44	43.54	2.53	45.27	2.55	48.35	2.60	50.75	2.65
	50	38.70	2.38	41.10	2.47	43.50	2.56	45.24	2.59	48.31	2.64	50.71	2.69
	55	38.67	2.41	41.07	2.50	43.47	2.59	45.20	2.62	48.27	2.67	50.67	2.73
	60	38.64	2.44	41.04	2.53	43.44	2.63	45.17	2.66	48.23	2.71	50.63	2.76
	65	38.61	2.48	41.00	2.57	43.40	2.66	45.13	2.69	48.20	2.74	50.60	2.80
	70	38.58	2.51	40.97	2.60	43.37	2.69	45.10	2.72	48.16	2.77	50.56	2.83
	75	37.65	2.64	40.04	2.74	42.43	2.84	44.15	2.87	47.21	2.92	49.60	2.98
	80	36.72	2.78	39.10	2.88	41.49	2.98	43.21	3.02	46.26	3.07	48.64	3.14
	85	35.80	2.91	38.18	3.02	40.56	3.13	42.27	3.16	45.31	3.22	47.69	3.29
	90	34.88	3.05	37.25	3.16	39.62	3.27	41.34	3.31	44.37	3.37	46.74	3.44
	95	33.88	3.18	36.24	3.30	38.60	3.42	39.69	3.46	43.32	3.52	45.68	3.59
	100	33.48	3.32	35.88	3.44	38.27	3.56	39.51	3.61	43.06	3.67	45.45	3.75
	105	33.08	3.45	35.51	3.58	37.94	3.71	39.34	3.75	42.79	3.82	45.22	3.90
	110	32.68	3.59	35.15	3.72	37.61	3.85	39.17	3.90	42.53	3.97	44.99	4.05
	115	32.29	3.72	34.78	3.86	37.27	4.00	39.00	4.05	42.27	4.12	44.22	4.15
	118	32.05	3.80	34.56	3.94	37.07	4.09	38.89	4.13	41.50	4.15	43.05	4.15
	122	31.97	3.91	34.49	4.06	36.56	4.15	37.94	4.15	40.29	4.15	41.84	4.15
37	-4	40.05	2.10	42.54	2.18	45.03	2.26	46.83	2.29	50.00	2.33	52.49	2.38
	0	40.03	2.13	42.52	2.20	45.00	2.28	46.80	2.31	49.98	2.35	52.46	2.40
	5	40.00	2.16	42.48	2.24	44.97	2.32	46.76	2.35	49.94	2.39	52.42	2.44
	10	39.97	2.19	42.45	2.27	44.93	2.36	46.73	2.38	49.90	2.43	52.38	2.48
	14	39.94	2.23	42.42	2.31	44.90	2.39	46.69	2.42	49.86	2.46	52.34	2.51
	20	39.91	2.26	42.39	2.34	44.86	2.42	46.65	2.45	49.82	2.50	52.30	2.55
	25	39.88	2.29	42.35	2.37	44.83	2.46	46.62	2.49	49.78	2.53	52.26	2.59
	30	39.85	2.32	42.32	2.41	44.80	2.49	46.58	2.52	49.74	2.57	52.22	2.62
	35	39.82	2.35	42.29	2.44	44.76	2.53	46.55	2.56	49.71	2.60	52.18	2.66
	40	39.79	2.38	42.26	2.47	44.73	2.56	46.51	2.59	49.67	2.64	52.14	2.69
	45	39.76	2.42	42.22	2.51	44.69	2.60	46.48	2.63	49.63	2.68	52.10	2.73
	50	39.72	2.45	42.19	2.54	44.66	2.63	46.44	2.66	49.59	2.71	52.06	2.77
	55	39.69	2.48	42.16	2.57	44.62	2.67	46.40	2.70	49.55	2.75	52.02	2.80
	60	39.66	2.51	42.13	2.60	44.59	2.70	46.37	2.73	49.52	2.78	51.98	2.84
	65	39.63	2.54	42.09	2.64	44.56	2.73	46.33	2.77	49.48	2.82	51.94	2.87
	70	39.60	2.58	42.06	2.67	44.52	2.77	46.30	2.80	49.44	2.85	51.90	2.91
	75	38.65	2.72	41.10	2.81	43.56	2.92	45.33	2.95	48.46	3.01	50.92	3.07
	80	37.70	2.85	40.14	2.96	42.59	3.07	44.36	3.10	47.49	3.16	49.93	3.22
	85	36.75	2.99	39.19	3.10	41.63	3.22	43.40	3.25	46.52	3.31	48.96	3.38
	90	35.81	3.13	38.24	3.25	40.68	3.37	42.44	3.40	45.55	3.47	47.98	3.54
	95	34.78	3.27	37.21	3.39	39.63	3.52	40.74	3.56	44.48	3.62	46.90	3.69
	100	34.37	3.41	36.83	3.54	39.29	3.66	40.56	3.71	44.20	3.78	46.66	3.85
	105	33.96	3.55	36.46	3.68	38.95	3.81	40.39	3.86	43.93	3.93	46.42	4.01
	110	33.55	3.69	36.08	3.82	38.61	3.96	40.21	4.01	43.66	4.08	45.95	4.15
	115	33.14	3.83	35.71	3.97	38.26	4.11	39.92	4.15	42.46	4.15	44.13	4.15
	118	32.90	3.91	35.48	4.05	37.60	4.15	38.98	4.15	41.42	4.15	42.99	4.15
	122	32.82	4.02	35.23	4.15	36.49	4.15	37.87	4.15	40.25	4.15	41.82	4.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 27: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	41.09	2.16	43.64	2.24	46.19	2.32	48.04	2.35	51.30	2.39	53.85	2.44
	0	41.07	2.19	43.62	2.27	46.17	2.35	48.01	2.38	51.27	2.42	53.82	2.47
	5	41.03	2.22	43.58	2.30	46.13	2.39	47.97	2.41	51.23	2.46	53.78	2.51
	10	41.00	2.25	43.55	2.34	46.10	2.42	47.94	2.45	51.19	2.50	53.74	2.55
	14	40.97	2.29	43.52	2.37	46.06	2.46	47.90	2.49	51.15	2.53	53.69	2.58
	20	40.94	2.32	43.48	2.40	46.03	2.49	47.86	2.52	51.11	2.57	53.65	2.62
	25	40.91	2.35	43.45	2.44	45.99	2.53	47.83	2.56	51.07	2.60	53.61	2.66
	30	40.88	2.39	43.42	2.47	45.96	2.56	47.79	2.59	51.03	2.64	53.57	2.69
	35	40.85	2.42	43.38	2.51	45.92	2.60	47.75	2.63	50.99	2.68	53.53	2.73
	40	40.82	2.45	43.35	2.54	45.89	2.63	47.72	2.66	50.95	2.71	53.49	2.77
	45	40.78	2.48	43.32	2.57	45.85	2.67	47.68	2.70	50.92	2.75	53.45	2.81
	50	40.75	2.52	43.28	2.61	45.81	2.70	47.64	2.74	50.88	2.79	53.41	2.84
	55	40.72	2.55	43.25	2.64	45.78	2.74	47.61	2.77	50.84	2.82	53.37	2.88
	60	40.69	2.58	43.22	2.68	45.74	2.77	47.57	2.81	50.80	2.86	53.33	2.92
	65	40.66	2.62	43.18	2.71	45.71	2.81	47.53	2.84	50.76	2.90	53.28	2.95
	70	40.63	2.65	43.15	2.75	45.67	2.85	47.50	2.88	50.72	2.93	53.24	2.99
	75	39.65	2.79	42.17	2.89	44.68	3.00	46.50	3.03	49.72	3.09	52.24	3.15
	80	38.67	2.93	41.18	3.04	43.69	3.15	45.51	3.19	48.72	3.25	51.23	3.31
	85	37.70	3.08	40.21	3.19	42.71	3.31	44.52	3.34	47.72	3.41	50.23	3.48
	90	36.73	3.22	39.23	3.34	41.73	3.46	43.54	3.50	46.73	3.56	49.23	3.64
	95	35.68	3.36	38.17	3.49	40.65	3.61	41.80	3.65	45.63	3.72	48.11	3.80
	100	35.26	3.51	37.78	3.63	40.30	3.77	41.61	3.81	45.35	3.88	47.87	3.96
	105	34.84	3.65	37.40	3.78	39.95	3.92	41.43	3.97	45.07	4.04	47.62	4.12
	110	34.42	3.79	37.01	3.93	39.60	4.07	41.25	4.12	44.25	4.15	45.93	4.15
	115	34.00	3.93	36.63	4.08	38.51	4.15	39.81	4.15	42.36	4.15	44.05	4.15
	118	33.75	4.02	36.22	4.15	37.50	4.15	38.89	4.15	41.34	4.15	42.94	4.15
	122	33.67	4.13	35.13	4.15	36.43	4.15	37.81	4.15	40.12	4.15	41.70	4.15
39	-4	42.13	2.22	44.74	2.30	47.36	2.39	49.25	2.41	52.59	2.46	55.21	2.51
	0	42.10	2.25	44.72	2.33	47.33	2.41	49.22	2.44	52.56	2.49	55.18	2.54
	5	42.07	2.28	44.68	2.36	47.30	2.45	49.18	2.48	52.52	2.53	55.13	2.58
	10	42.04	2.32	44.65	2.40	47.26	2.49	49.14	2.52	52.48	2.56	55.09	2.61
	14	42.01	2.35	44.61	2.43	47.22	2.52	49.11	2.55	52.44	2.60	55.05	2.65
	20	41.97	2.38	44.58	2.47	47.19	2.56	49.07	2.59	52.40	2.64	55.01	2.69
	25	41.94	2.42	44.55	2.50	47.15	2.60	49.03	2.63	52.36	2.68	54.97	2.73
	30	41.91	2.45	44.51	2.54	47.12	2.63	48.99	2.66	52.32	2.71	54.92	2.77
	35	41.88	2.48	44.48	2.57	47.08	2.67	48.96	2.70	52.28	2.75	54.88	2.81
	40	41.85	2.52	44.44	2.61	47.04	2.71	48.92	2.74	52.24	2.79	54.84	2.84
	45	41.81	2.55	44.41	2.64	47.01	2.74	48.88	2.77	52.20	2.82	54.80	2.88
	50	41.78	2.59	44.38	2.68	46.97	2.78	48.85	2.81	52.16	2.86	54.76	2.92
	55	41.75	2.62	44.34	2.71	46.94	2.81	48.81	2.85	52.12	2.90	54.71	2.96
	60	41.72	2.65	44.31	2.75	46.90	2.85	48.77	2.88	52.08	2.94	54.67	3.00
	65	41.69	2.69	44.27	2.78	46.86	2.89	48.73	2.92	52.04	2.97	54.63	3.03
	70	41.65	2.72	44.24	2.82	46.83	2.92	48.70	2.96	52.00	3.01	54.59	3.07
	75	40.65	2.87	43.23	2.97	45.81	3.08	47.68	3.12	50.97	3.17	53.55	3.24
	80	39.65	3.01	42.22	3.12	44.80	3.24	46.66	3.28	49.95	3.34	52.52	3.40
	85	38.66	3.16	41.22	3.28	43.79	3.40	45.65	3.43	48.93	3.50	51.49	3.57
	90	37.66	3.31	40.22	3.43	42.78	3.55	44.63	3.59	47.91	3.66	50.47	3.74
	95	36.58	3.45	39.13	3.58	41.68	3.71	42.85	3.75	46.78	3.82	49.33	3.90
	100	36.15	3.60	38.74	3.73	41.32	3.87	42.66	3.91	46.49	3.99	49.08	4.07
	105	35.72	3.75	38.34	3.88	40.96	4.03	42.48	4.07	46.20	4.15	47.89	4.15
	110	35.29	3.89	37.95	4.04	40.30	4.15	41.48	4.15	44.20	4.15	45.81	4.15
	115	34.86	4.04	37.18	4.15	38.48	4.15	39.79	4.15	42.36	4.15	43.97	4.15
	118	34.60	4.13	36.18	4.15	37.41	4.15	38.80	4.15	41.27	4.15	42.90	4.15
	122	33.70	4.15	35.12	4.15	36.36	4.15	37.68	4.15	40.09	4.15	41.60	4.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 28: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	43.16	2.28	45.85	2.36	48.53	2.45	50.46	2.48	53.89	2.52	56.57	2.57
	0	43.14	2.30	45.82	2.39	48.50	2.48	50.43	2.50	53.86	2.55	56.54	2.60
	5	43.11	2.34	45.78	2.43	48.46	2.52	50.39	2.55	53.81	2.59	56.49	2.65
	10	43.07	2.38	45.75	2.46	48.42	2.55	50.35	2.58	53.77	2.63	56.45	2.68
	14	43.04	2.41	45.71	2.50	48.39	2.59	50.32	2.62	53.73	2.67	56.40	2.72
	20	43.01	2.45	45.68	2.54	48.35	2.63	50.28	2.66	53.69	2.71	56.36	2.76
	25	42.97	2.48	45.64	2.57	48.31	2.67	50.24	2.70	53.65	2.75	56.32	2.80
	30	42.94	2.52	45.61	2.61	48.27	2.70	50.20	2.73	53.61	2.78	56.28	2.84
	35	42.91	2.55	45.57	2.64	48.24	2.74	50.16	2.77	53.57	2.82	56.23	2.88
	40	42.88	2.58	45.54	2.68	48.20	2.78	50.12	2.81	53.53	2.86	56.19	2.92
	45	42.84	2.62	45.50	2.72	48.16	2.81	50.09	2.85	53.49	2.90	56.15	2.96
	50	42.81	2.65	45.47	2.75	48.13	2.85	50.05	2.88	53.44	2.94	56.10	3.00
	55	42.78	2.69	45.43	2.79	48.09	2.89	50.01	2.92	53.40	2.98	56.06	3.04
	60	42.74	2.72	45.40	2.82	48.05	2.93	49.97	2.96	53.36	3.02	56.02	3.08
	65	42.71	2.76	45.36	2.86	48.02	2.96	49.93	3.00	53.32	3.05	55.97	3.11
	70	42.68	2.79	45.33	2.89	47.98	3.00	49.89	3.03	53.28	3.09	55.93	3.15
	75	41.65	2.94	44.30	3.05	46.94	3.16	48.85	3.20	52.23	3.26	54.87	3.32
	80	40.62	3.09	43.26	3.21	45.90	3.32	47.80	3.36	51.17	3.43	53.81	3.49
	85	39.61	3.24	42.24	3.36	44.87	3.49	46.77	3.53	50.13	3.59	52.76	3.66
	90	38.59	3.40	41.21	3.52	43.84	3.65	45.73	3.69	49.09	3.76	51.71	3.83
	95	37.48	3.55	40.10	3.68	42.71	3.81	43.90	3.85	47.93	3.93	50.54	4.00
	100	37.04	3.70	39.69	3.83	42.34	3.97	43.71	4.02	47.64	4.09	50.03	4.15
	105	36.60	3.85	39.29	3.99	41.97	4.13	43.20	4.15	46.11	4.15	47.83	4.15
	110	36.16	4.00	38.88	4.14	40.14	4.15	41.42	4.15	44.07	4.15	45.68	4.15
	115	35.71	4.15	37.13	4.15	38.36	4.15	39.69	4.15	42.27	4.15	43.81	4.15
	118	34.69	4.15	36.14	4.15	37.40	4.15	38.73	4.15	41.21	4.15	42.75	4.15
	122	33.65	4.15	35.03	4.15	36.29	4.15	37.63	4.15	39.96	4.15	41.58	4.15
41	-4	44.20	2.34	46.95	2.42	49.69	2.51	51.67	2.54	55.18	2.59	57.93	2.64
	0	44.18	2.36	46.92	2.45	49.66	2.54	51.65	2.57	55.15	2.62	57.90	2.67
	5	44.14	2.40	46.88	2.49	49.62	2.58	51.60	2.61	55.11	2.66	57.85	2.71
	10	44.11	2.44	46.85	2.53	49.59	2.62	51.56	2.65	55.06	2.70	57.80	2.75
	14	44.07	2.47	46.81	2.56	49.55	2.66	51.52	2.69	55.02	2.74	57.76	2.79
	20	44.04	2.51	46.78	2.60	49.51	2.70	51.49	2.73	54.98	2.78	57.72	2.83
	25	44.01	2.55	46.74	2.64	49.47	2.73	51.45	2.77	54.94	2.82	57.67	2.87
	30	43.97	2.58	46.70	2.68	49.43	2.77	51.41	2.80	54.90	2.86	57.63	2.91
	35	43.94	2.62	46.67	2.71	49.40	2.81	51.37	2.84	54.85	2.90	57.58	2.95
	40	43.91	2.65	46.63	2.75	49.36	2.85	51.33	2.88	54.81	2.94	57.54	2.99
	45	43.87	2.69	46.60	2.79	49.32	2.89	51.29	2.92	54.77	2.98	57.50	3.04
	50	43.84	2.72	46.56	2.82	49.28	2.93	51.25	2.96	54.73	3.01	57.45	3.08
	55	43.80	2.76	46.53	2.86	49.25	2.96	51.21	3.00	54.69	3.05	57.41	3.12
	60	43.77	2.79	46.49	2.90	49.21	3.00	51.17	3.04	54.64	3.09	57.36	3.16
	65	43.74	2.83	46.45	2.93	49.17	3.04	51.13	3.08	54.60	3.13	57.32	3.20
	70	43.70	2.87	46.42	2.97	49.13	3.08	51.09	3.11	54.56	3.17	57.27	3.24
	75	42.65	3.02	45.36	3.13	48.07	3.24	50.02	3.28	53.48	3.34	56.19	3.41
	80	41.60	3.17	44.30	3.29	47.00	3.41	48.95	3.45	52.40	3.51	55.10	3.58
	85	40.56	3.33	43.25	3.45	45.95	3.58	47.89	3.62	51.33	3.69	54.03	3.76
	90	39.52	3.48	42.20	3.61	44.89	3.74	46.83	3.79	50.27	3.86	52.95	3.93
	95	38.38	3.64	41.06	3.77	43.73	3.91	44.96	3.95	49.08	4.03	51.75	4.11
	100	37.93	3.79	40.64	3.93	43.36	4.07	44.76	4.12	48.19	4.15	49.91	4.15
	105	37.48	3.95	40.23	4.09	42.06	4.15	43.11	4.15	46.03	4.15	47.66	4.15
	110	37.03	4.10	38.87	4.15	40.08	4.15	41.28	4.15	44.03	4.15	45.67	4.15
	115	35.63	4.15	37.07	4.15	38.34	4.15	39.59	4.15	42.18	4.15	43.74	4.15
	118	34.62	4.15	36.03	4.15	37.31	4.15	38.65	4.15	41.14	4.15	42.72	4.15
	122	33.61	4.15	34.94	4.15	36.17	4.15	37.58	4.15	39.93	4.15	41.49	4.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 29: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	45.24	2.40	48.05	2.49	50.86	2.58	52.89	2.61	56.48	2.65	59.29	2.71
	0	45.21	2.42	48.02	2.51	50.83	2.60	52.86	2.63	56.45	2.68	59.25	2.74
	5	45.18	2.46	47.98	2.55	50.79	2.65	52.81	2.68	56.40	2.73	59.20	2.78
	10	45.14	2.50	47.95	2.59	50.75	2.69	52.77	2.72	56.36	2.77	59.16	2.82
	14	45.11	2.54	47.91	2.63	50.71	2.72	52.73	2.76	56.31	2.81	59.11	2.86
	20	45.07	2.57	47.87	2.67	50.67	2.76	52.69	2.80	56.27	2.85	59.07	2.91
	25	45.04	2.61	47.84	2.70	50.63	2.80	52.65	2.84	56.23	2.89	59.02	2.95
	30	45.00	2.65	47.80	2.74	50.59	2.84	52.61	2.88	56.18	2.93	58.98	2.99
	35	44.97	2.68	47.76	2.78	50.56	2.88	52.57	2.91	56.14	2.97	58.93	3.03
	40	44.94	2.72	47.73	2.82	50.52	2.92	52.53	2.95	56.10	3.01	58.89	3.07
	45	44.90	2.75	47.69	2.86	50.48	2.96	52.49	2.99	56.06	3.05	58.84	3.11
	50	44.87	2.79	47.65	2.89	50.44	3.00	52.45	3.03	56.01	3.09	58.80	3.15
	55	44.83	2.83	47.62	2.93	50.40	3.04	52.41	3.07	55.97	3.13	58.75	3.19
	60	44.80	2.86	47.58	2.97	50.36	3.08	52.37	3.11	55.93	3.17	58.71	3.23
	65	44.76	2.90	47.54	3.01	50.32	3.12	52.33	3.15	55.88	3.21	58.66	3.28
	70	44.73	2.94	47.51	3.04	50.28	3.16	52.29	3.19	55.84	3.25	58.62	3.32
	75	43.65	3.10	46.42	3.21	49.19	3.33	51.20	3.36	54.74	3.43	57.51	3.50
	80	42.58	3.25	45.34	3.37	48.10	3.50	50.10	3.54	53.63	3.60	56.40	3.67
	85	41.51	3.41	44.27	3.54	47.02	3.67	49.02	3.71	52.54	3.78	55.30	3.85
	90	40.44	3.57	43.19	3.70	45.94	3.84	47.93	3.88	51.44	3.95	54.20	4.03
	95	39.28	3.73	42.02	3.87	44.76	4.01	46.01	4.05	50.23	4.13	52.20	4.15
	100	38.82	3.89	41.60	4.03	44.04	4.15	44.93	4.15	48.18	4.15	49.81	4.15
	105	38.36	4.05	40.77	4.15	41.96	4.15	43.01	4.15	45.95	4.15	47.60	4.15
	110	37.44	4.15	38.78	4.15	40.02	4.15	41.23	4.15	43.90	4.15	45.56	4.15
	115	35.62	4.15	37.02	4.15	38.23	4.15	39.57	4.15	42.10	4.15	43.67	4.15
	118	34.57	4.15	35.98	4.15	37.24	4.15	38.65	4.15	41.00	4.15	42.58	4.15
	122	33.50	4.15	34.93	4.15	36.11	4.15	37.53	4.15	39.82	4.15	41.39	4.15
43	-4	46.21	2.45	49.08	2.54	51.95	2.64	54.02	2.67	57.69	2.72	60.56	2.77
	0	46.18	2.48	49.05	2.57	51.92	2.67	53.99	2.70	57.65	2.75	60.52	2.80
	5	46.14	2.52	49.01	2.61	51.88	2.71	53.95	2.74	57.61	2.79	60.47	2.85
	10	46.11	2.56	48.97	2.65	51.84	2.75	53.90	2.78	57.56	2.83	60.43	2.89
	14	46.07	2.60	48.94	2.69	51.80	2.79	53.86	2.82	57.52	2.87	60.38	2.93
	20	46.04	2.63	48.90	2.73	51.76	2.83	53.82	2.86	57.48	2.92	60.33	2.97
	25	46.00	2.67	48.86	2.77	51.72	2.87	53.78	2.90	57.43	2.96	60.29	3.02
	30	45.97	2.71	48.82	2.81	51.68	2.91	53.74	2.94	57.39	3.00	60.24	3.06
	35	45.93	2.75	48.79	2.85	51.64	2.95	53.70	2.98	57.34	3.04	60.20	3.10
	40	45.90	2.78	48.75	2.88	51.60	2.99	53.66	3.02	57.30	3.08	60.15	3.14
	45	45.86	2.82	48.71	2.92	51.56	3.03	53.62	3.07	57.26	3.12	60.10	3.19
	50	45.83	2.86	48.67	2.96	51.52	3.07	53.58	3.11	57.21	3.16	60.06	3.23
	55	45.79	2.90	48.64	3.00	51.48	3.11	53.53	3.15	57.17	3.21	60.01	3.27
	60	45.76	2.93	48.60	3.04	51.44	3.15	53.49	3.19	57.12	3.25	59.97	3.31
	65	45.72	2.97	48.56	3.08	51.40	3.19	53.45	3.23	57.08	3.29	59.92	3.35
	70	45.69	3.01	48.52	3.12	51.36	3.23	53.41	3.27	57.04	3.33	59.87	3.40
	75	44.59	3.17	47.42	3.29	50.25	3.41	52.29	3.44	55.91	3.51	58.74	3.58
	80	43.49	3.33	46.31	3.45	49.14	3.58	51.17	3.62	54.78	3.69	57.61	3.76
	85	42.40	3.49	45.22	3.62	48.03	3.75	50.07	3.80	53.66	3.87	56.48	3.95
	90	41.31	3.66	44.12	3.79	46.93	3.93	48.96	3.97	52.55	4.05	55.36	4.13
	95	40.13	3.82	42.92	3.96	45.72	4.10	46.99	4.15	50.33	4.15	52.08	4.15
	100	39.65	3.98	42.49	4.13	43.93	4.15	44.84	4.15	47.98	4.15	49.63	4.15
	105	39.18	4.14	40.68	4.15	41.89	4.15	42.96	4.15	45.81	4.15	47.48	4.15
	110	37.26	4.15	38.72	4.15	39.91	4.15	41.13	4.15	43.81	4.15	45.49	4.15
	115	35.49	4.15	36.91	4.15	38.15	4.15	39.51	4.15	41.96	4.15	43.55	4.15
	118	34.53	4.15	35.90	4.15	37.18	4.15	38.53	4.15	40.97	4.15	42.49	4.15
	122	33.49	4.15	34.80	4.15	36.08	4.15	37.44	4.15	39.73	4.15	41.33	4.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 30: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	46.21	2.45	49.08	2.54	51.95	2.64	54.02	2.67	57.69	2.72	60.56	2.77
	0	46.18	2.48	49.05	2.57	51.92	2.67	53.99	2.70	57.65	2.75	60.52	2.80
	5	46.14	2.52	49.01	2.61	51.88	2.71	53.95	2.74	57.61	2.79	60.47	2.85
	10	46.11	2.56	48.97	2.65	51.84	2.75	53.90	2.78	57.56	2.83	60.43	2.89
	14	46.07	2.60	48.94	2.69	51.80	2.79	53.86	2.82	57.52	2.87	60.38	2.93
	20	46.04	2.63	48.90	2.73	51.76	2.83	53.82	2.86	57.48	2.92	60.33	2.97
	25	46.00	2.67	48.86	2.77	51.72	2.87	53.78	2.90	57.43	2.96	60.29	3.02
	30	45.97	2.71	48.82	2.81	51.68	2.91	53.74	2.94	57.39	3.00	60.24	3.06
	35	45.93	2.75	48.79	2.85	51.64	2.95	53.70	2.98	57.34	3.04	60.20	3.10
	40	45.90	2.78	48.75	2.88	51.60	2.99	53.66	3.02	57.30	3.08	60.15	3.14
	45	45.86	2.82	48.71	2.92	51.56	3.03	53.62	3.07	57.26	3.12	60.10	3.19
	50	45.83	2.86	48.67	2.96	51.52	3.07	53.58	3.11	57.21	3.16	60.06	3.23
	55	45.79	2.90	48.64	3.00	51.48	3.11	53.53	3.15	57.17	3.21	60.01	3.27
	60	45.76	2.93	48.60	3.04	51.44	3.15	53.49	3.19	57.12	3.25	59.97	3.31
	65	45.72	2.97	48.56	3.08	51.40	3.19	53.45	3.23	57.08	3.29	59.92	3.35
	70	45.69	3.01	48.52	3.12	51.36	3.23	53.41	3.27	57.04	3.33	59.87	3.40
	75	44.59	3.17	47.42	3.29	50.25	3.41	52.29	3.44	55.91	3.51	58.74	3.58
	80	43.49	3.33	46.31	3.45	49.14	3.58	51.17	3.62	54.78	3.69	57.61	3.76
	85	42.40	3.49	45.22	3.62	48.03	3.75	50.07	3.80	53.66	3.87	56.48	3.95
	90	41.31	3.66	44.12	3.79	46.93	3.93	48.96	3.97	52.55	4.05	55.36	4.13
	95	40.13	3.82	42.92	3.96	45.72	4.10	46.99	4.15	50.33	4.15	52.08	4.15
	100	39.65	3.98	42.49	4.13	43.93	4.15	44.84	4.15	47.98	4.15	49.63	4.15
	105	39.18	4.14	40.68	4.15	41.89	4.15	42.96	4.15	45.81	4.15	47.48	4.15
	110	37.26	4.15	38.72	4.15	39.91	4.15	41.13	4.15	43.81	4.15	45.49	4.15
	115	35.49	4.15	36.91	4.15	38.15	4.15	39.51	4.15	41.96	4.15	43.55	4.15
	118	34.53	4.15	35.90	4.15	37.18	4.15	38.53	4.15	40.97	4.15	42.49	4.15
	122	33.49	4.15	34.80	4.15	36.08	4.15	37.44	4.15	39.73	4.15	41.33	4.15
45	-4	46.21	2.45	49.08	2.54	51.95	2.64	54.02	2.67	57.69	2.72	60.56	2.77
	0	46.18	2.48	49.05	2.57	51.92	2.67	53.99	2.70	57.65	2.75	60.52	2.80
	5	46.14	2.52	49.01	2.61	51.88	2.71	53.95	2.74	57.61	2.79	60.47	2.85
	10	46.11	2.56	48.97	2.65	51.84	2.75	53.90	2.78	57.56	2.83	60.43	2.89
	14	46.07	2.60	48.94	2.69	51.80	2.79	53.86	2.82	57.52	2.87	60.38	2.93
	20	46.04	2.63	48.90	2.73	51.76	2.83	53.82	2.86	57.48	2.92	60.33	2.97
	25	46.00	2.67	48.86	2.77	51.72	2.87	53.78	2.90	57.43	2.96	60.29	3.02
	30	45.97	2.71	48.82	2.81	51.68	2.91	53.74	2.94	57.39	3.00	60.24	3.06
	35	45.93	2.75	48.79	2.85	51.64	2.95	53.70	2.98	57.34	3.04	60.20	3.10
	40	45.90	2.78	48.75	2.88	51.60	2.99	53.66	3.02	57.30	3.08	60.15	3.14
	45	45.86	2.82	48.71	2.92	51.56	3.03	53.62	3.07	57.26	3.12	60.10	3.19
	50	45.83	2.86	48.67	2.96	51.52	3.07	53.58	3.11	57.21	3.16	60.06	3.23
	55	45.79	2.90	48.64	3.00	51.48	3.11	53.53	3.15	57.17	3.21	60.01	3.27
	60	45.76	2.93	48.60	3.04	51.44	3.15	53.49	3.19	57.12	3.25	59.97	3.31
	65	45.72	2.97	48.56	3.08	51.40	3.19	53.45	3.23	57.08	3.29	59.92	3.35
	70	45.69	3.01	48.52	3.12	51.36	3.23	53.41	3.27	57.04	3.33	59.87	3.40
	75	44.59	3.17	47.42	3.29	50.25	3.41	52.29	3.44	55.91	3.51	58.74	3.58
	80	43.49	3.33	46.31	3.45	49.14	3.58	51.17	3.62	54.78	3.69	57.61	3.76
	85	42.40	3.49	45.22	3.62	48.03	3.75	50.07	3.80	53.66	3.87	56.48	3.95
	90	41.31	3.66	44.12	3.79	46.93	3.93	48.96	3.97	52.55	4.05	55.36	4.13
	95	40.13	3.82	42.92	3.96	45.72	4.10	46.99	4.15	50.33	4.15	52.08	4.15
	100	39.65	3.98	42.49	4.13	43.93	4.15	44.84	4.15	47.98	4.15	49.63	4.15
	105	39.18	4.14	40.68	4.15	41.89	4.15	42.96	4.15	45.81	4.15	47.48	4.15
	110	37.26	4.15	38.72	4.15	39.91	4.15	41.13	4.15	43.81	4.15	45.49	4.15
	115	35.49	4.15	36.91	4.15	38.15	4.15	39.51	4.15	41.96	4.15	43.55	4.15
	118	34.53	4.15	35.90	4.15	37.18	4.15	38.53	4.15	40.97	4.15	42.49	4.15
	122	33.49	4.15	34.80	4.15	36.08	4.15	37.44	4.15	39.73	4.15	41.33	4.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 31: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	46.21	2.45	49.08	2.54	51.95	2.64	54.02	2.67	57.69	2.72	60.56	2.77
	0	46.18	2.48	49.05	2.57	51.92	2.67	53.99	2.70	57.65	2.75	60.52	2.80
	5	46.14	2.52	49.01	2.61	51.88	2.71	53.95	2.74	57.61	2.79	60.47	2.85
	10	46.11	2.56	48.97	2.65	51.84	2.75	53.90	2.78	57.56	2.83	60.43	2.89
	14	46.07	2.60	48.94	2.69	51.80	2.79	53.86	2.82	57.52	2.87	60.38	2.93
	20	46.04	2.63	48.90	2.73	51.76	2.83	53.82	2.86	57.48	2.92	60.33	2.97
	25	46.00	2.67	48.86	2.77	51.72	2.87	53.78	2.90	57.43	2.96	60.29	3.02
	30	45.97	2.71	48.82	2.81	51.68	2.91	53.74	2.94	57.39	3.00	60.24	3.06
	35	45.93	2.75	48.79	2.85	51.64	2.95	53.70	2.98	57.34	3.04	60.20	3.10
	40	45.90	2.78	48.75	2.88	51.60	2.99	53.66	3.02	57.30	3.08	60.15	3.14
	45	45.86	2.82	48.71	2.92	51.56	3.03	53.62	3.07	57.26	3.12	60.10	3.19
	50	45.83	2.86	48.67	2.96	51.52	3.07	53.58	3.11	57.21	3.16	60.06	3.23
	55	45.79	2.90	48.64	3.00	51.48	3.11	53.53	3.15	57.17	3.21	60.01	3.27
	60	45.76	2.93	48.60	3.04	51.44	3.15	53.49	3.19	57.12	3.25	59.97	3.31
	65	45.72	2.97	48.56	3.08	51.40	3.19	53.45	3.23	57.08	3.29	59.92	3.35
	70	45.69	3.01	48.52	3.12	51.36	3.23	53.41	3.27	57.04	3.33	59.87	3.40
	75	44.59	3.17	47.42	3.29	50.25	3.41	52.29	3.44	55.91	3.51	58.74	3.58
	80	43.49	3.33	46.31	3.45	49.14	3.58	51.17	3.62	54.78	3.69	57.61	3.76
	85	42.40	3.49	45.22	3.62	48.03	3.75	50.07	3.80	53.66	3.87	56.48	3.95
	90	41.31	3.66	44.12	3.79	46.93	3.93	48.96	3.97	52.55	4.05	55.36	4.13
	95	40.13	3.82	42.92	3.96	45.72	4.10	46.99	4.15	50.33	4.15	52.08	4.15
	100	39.65	3.98	42.49	4.13	43.93	4.15	44.84	4.15	47.98	4.15	49.63	4.15
	105	39.18	4.14	40.68	4.15	41.89	4.15	42.96	4.15	45.81	4.15	47.48	4.15
	110	37.26	4.15	38.72	4.15	39.91	4.15	41.13	4.15	43.81	4.15	45.49	4.15
	115	35.49	4.15	36.91	4.15	38.15	4.15	39.51	4.15	41.96	4.15	43.55	4.15
	118	34.53	4.15	35.90	4.15	37.18	4.15	38.53	4.15	40.97	4.15	42.49	4.15
	122	33.49	4.15	34.80	4.15	36.08	4.15	37.44	4.15	39.73	4.15	41.33	4.15
47	-4	46.21	2.45	49.08	2.54	51.95	2.64	54.02	2.67	57.69	2.72	60.56	2.77
	0	46.18	2.48	49.05	2.57	51.92	2.67	53.99	2.70	57.65	2.75	60.52	2.80
	5	46.14	2.52	49.01	2.61	51.88	2.71	53.95	2.74	57.61	2.79	60.47	2.85
	10	46.11	2.56	48.97	2.65	51.84	2.75	53.90	2.78	57.56	2.83	60.43	2.89
	14	46.07	2.60	48.94	2.69	51.80	2.79	53.86	2.82	57.52	2.87	60.38	2.93
	20	46.04	2.63	48.90	2.73	51.76	2.83	53.82	2.86	57.48	2.92	60.33	2.97
	25	46.00	2.67	48.86	2.77	51.72	2.87	53.78	2.90	57.43	2.96	60.29	3.02
	30	45.97	2.71	48.82	2.81	51.68	2.91	53.74	2.94	57.39	3.00	60.24	3.06
	35	45.93	2.75	48.79	2.85	51.64	2.95	53.70	2.98	57.34	3.04	60.20	3.10
	40	45.90	2.78	48.75	2.88	51.60	2.99	53.66	3.02	57.30	3.08	60.15	3.14
	45	45.86	2.82	48.71	2.92	51.56	3.03	53.62	3.07	57.26	3.12	60.10	3.19
	50	45.83	2.86	48.67	2.96	51.52	3.07	53.58	3.11	57.21	3.16	60.06	3.23
	55	45.79	2.90	48.64	3.00	51.48	3.11	53.53	3.15	57.17	3.21	60.01	3.27
	60	45.76	2.93	48.60	3.04	51.44	3.15	53.49	3.19	57.12	3.25	59.97	3.31
	65	45.72	2.97	48.56	3.08	51.40	3.19	53.45	3.23	57.08	3.29	59.92	3.35
	70	45.69	3.01	48.52	3.12	51.36	3.23	53.41	3.27	57.04	3.33	59.87	3.40
	75	44.59	3.17	47.42	3.29	50.25	3.41	52.29	3.44	55.91	3.51	58.74	3.58
	80	43.49	3.33	46.31	3.45	49.14	3.58	51.17	3.62	54.78	3.69	57.61	3.76
	85	42.40	3.49	45.22	3.62	48.03	3.75	50.07	3.80	53.66	3.87	56.48	3.95
	90	41.31	3.66	44.12	3.79	46.93	3.93	48.96	3.97	52.55	4.05	55.36	4.13
	95	40.13	3.82	42.92	3.96	45.72	4.10	46.99	4.15	50.33	4.15	52.08	4.15
	100	39.65	3.98	42.49	4.13	43.93	4.15	44.84	4.15	47.98	4.15	49.63	4.15
	105	39.18	4.14	40.68	4.15	41.89	4.15	42.96	4.15	45.81	4.15	47.48	4.15
	110	37.26	4.15	38.72	4.15	39.91	4.15	41.13	4.15	43.81	4.15	45.49	4.15
	115	35.49	4.15	36.91	4.15	38.15	4.15	39.51	4.15	41.96	4.15	43.55	4.15
	118	34.53	4.15	35.90	4.15	37.18	4.15	38.53	4.15	40.97	4.15	42.49	4.15
	122	33.49	4.15	34.80	4.15	36.08	4.15	37.44	4.15	39.73	4.15	41.33	4.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 32: KUMXA361A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	46.21	2.45	49.08	2.54	51.95	2.64	54.02	2.67	57.69	2.72	60.56	2.77
	0	46.18	2.48	49.05	2.57	51.92	2.67	53.99	2.70	57.65	2.75	60.52	2.80
	5	46.14	2.52	49.01	2.61	51.88	2.71	53.95	2.74	57.61	2.79	60.47	2.85
	10	46.11	2.56	48.97	2.65	51.84	2.75	53.90	2.78	57.56	2.83	60.43	2.89
	14	46.07	2.60	48.94	2.69	51.80	2.79	53.86	2.82	57.52	2.87	60.38	2.93
	20	46.04	2.63	48.90	2.73	51.76	2.83	53.82	2.86	57.48	2.92	60.33	2.97
	25	46.00	2.67	48.86	2.77	51.72	2.87	53.78	2.90	57.43	2.96	60.29	3.02
	30	45.97	2.71	48.82	2.81	51.68	2.91	53.74	2.94	57.39	3.00	60.24	3.06
	35	45.93	2.75	48.79	2.85	51.64	2.95	53.70	2.98	57.34	3.04	60.20	3.10
	40	45.90	2.78	48.75	2.88	51.60	2.99	53.66	3.02	57.30	3.08	60.15	3.14
	45	45.86	2.82	48.71	2.92	51.56	3.03	53.62	3.07	57.26	3.12	60.10	3.19
	50	45.83	2.86	48.67	2.96	51.52	3.07	53.58	3.11	57.21	3.16	60.06	3.23
	55	45.79	2.90	48.64	3.00	51.48	3.11	53.53	3.15	57.17	3.21	60.01	3.27
	60	45.76	2.93	48.60	3.04	51.44	3.15	53.49	3.19	57.12	3.25	59.97	3.31
	65	45.72	2.97	48.56	3.08	51.40	3.19	53.45	3.23	57.08	3.29	59.92	3.35
	70	45.69	3.01	48.52	3.12	51.36	3.23	53.41	3.27	57.04	3.33	59.87	3.40
	75	44.59	3.17	47.42	3.29	50.25	3.41	52.29	3.44	55.91	3.51	58.74	3.58
	80	43.49	3.33	46.31	3.45	49.14	3.58	51.17	3.62	54.78	3.69	57.61	3.76
	85	42.40	3.49	45.22	3.62	48.03	3.75	50.07	3.80	53.66	3.87	56.48	3.95
	90	41.31	3.66	44.12	3.79	46.93	3.93	48.96	3.97	52.55	4.05	55.36	4.13
	95	40.13	3.82	42.92	3.96	45.72	4.10	46.99	4.15	50.33	4.15	52.08	4.15
	100	39.65	3.98	42.49	4.13	43.93	4.15	44.84	4.15	47.98	4.15	49.63	4.15
	105	39.18	4.14	40.68	4.15	41.89	4.15	42.96	4.15	45.81	4.15	47.48	4.15
	110	37.26	4.15	38.72	4.15	39.91	4.15	41.13	4.15	43.81	4.15	45.49	4.15
	115	35.49	4.15	36.91	4.15	38.15	4.15	39.51	4.15	41.96	4.15	43.55	4.15
	118	34.53	4.15	35.90	4.15	37.18	4.15	38.53	4.15	40.97	4.15	42.49	4.15
	122	33.49	4.15	34.80	4.15	36.08	4.15	37.44	4.15	39.73	4.15	41.33	4.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 33: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	20.35	1.00	21.61	1.03	22.88	1.07	23.79	1.08	25.41	1.10	26.67	1.12
	0	20.34	1.01	21.60	1.04	22.87	1.08	23.78	1.09	25.39	1.11	26.66	1.14
	5	20.32	1.02	21.59	1.06	22.85	1.10	23.76	1.11	25.37	1.13	26.63	1.16
	10	20.31	1.04	21.57	1.08	22.83	1.12	23.74	1.13	25.35	1.15	26.61	1.17
	14	20.29	1.05	21.55	1.09	22.81	1.13	23.72	1.14	25.33	1.17	26.59	1.19
	20	20.28	1.07	21.54	1.11	22.80	1.15	23.70	1.16	25.31	1.18	26.57	1.21
	25	20.26	1.08	21.52	1.12	22.78	1.16	23.69	1.18	25.29	1.20	26.55	1.22
	30	20.25	1.10	21.50	1.14	22.76	1.18	23.67	1.19	25.28	1.22	26.53	1.24
	35	20.23	1.11	21.49	1.15	22.74	1.20	23.65	1.21	25.26	1.23	26.51	1.26
	40	20.21	1.13	21.47	1.17	22.73	1.21	23.63	1.23	25.24	1.25	26.49	1.27
	45	20.20	1.14	21.45	1.19	22.71	1.23	23.61	1.24	25.22	1.27	26.47	1.29
	50	20.18	1.16	21.44	1.20	22.69	1.25	23.60	1.26	25.20	1.28	26.45	1.31
	55	20.17	1.17	21.42	1.22	22.67	1.26	23.58	1.28	25.18	1.30	26.43	1.33
	60	20.15	1.19	21.40	1.23	22.66	1.28	23.56	1.29	25.16	1.32	26.41	1.34
	65	20.14	1.20	21.39	1.25	22.64	1.29	23.54	1.31	25.14	1.33	26.39	1.36
	70	20.12	1.22	21.37	1.26	22.62	1.31	23.52	1.33	25.12	1.35	26.37	1.38
	75	19.64	1.29	20.88	1.33	22.13	1.38	23.03	1.40	24.62	1.42	25.87	1.45
	80	19.15	1.35	20.40	1.40	21.64	1.45	22.54	1.47	24.13	1.50	25.37	1.53
	85	18.67	1.42	19.91	1.47	21.15	1.52	22.05	1.54	23.64	1.57	24.88	1.60
	90	18.19	1.48	19.43	1.54	20.67	1.59	21.56	1.61	23.14	1.64	24.38	1.67
	95	17.67	1.55	18.90	1.60	20.14	1.66	20.70	1.68	22.60	1.71	23.83	1.75
	100	17.46	1.61	18.71	1.67	19.96	1.73	20.61	1.75	22.46	1.79	23.71	1.82
19	105	17.26	1.68	18.52	1.74	19.79	1.80	20.52	1.83	22.32	1.86	23.59	1.90
	110	17.05	1.75	18.33	1.81	19.62	1.88	20.43	1.90	22.18	1.93	23.47	1.97
	115	16.84	1.81	18.14	1.88	19.44	1.95	20.34	1.97	22.05	2.01	23.35	2.05
	118	16.72	1.85	18.03	1.92	19.34	1.99	20.29	2.01	21.96	2.05	23.27	2.09
	122	16.67	1.90	17.99	1.97	19.30	2.05	20.27	2.07	21.94	2.11	23.25	2.15
	-4	21.39	1.05	22.72	1.09	24.04	1.13	25.00	1.14	26.70	1.16	28.03	1.18
	0	21.38	1.06	22.70	1.10	24.03	1.14	24.99	1.15	26.69	1.17	28.01	1.20
	5	21.36	1.08	22.69	1.12	24.01	1.16	24.97	1.17	26.66	1.19	27.99	1.22
	10	21.34	1.09	22.67	1.13	23.99	1.17	24.95	1.19	26.64	1.21	27.97	1.23
	14	21.33	1.11	22.65	1.15	23.98	1.19	24.93	1.21	26.62	1.23	27.95	1.25
	20	21.31	1.13	22.63	1.17	23.96	1.21	24.91	1.22	26.60	1.25	27.93	1.27
	25	21.29	1.14	22.62	1.18	23.94	1.23	24.89	1.24	26.58	1.26	27.91	1.29
	30	21.28	1.16	22.60	1.20	23.92	1.24	24.87	1.26	26.56	1.28	27.88	1.31
	35	21.26	1.17	22.58	1.22	23.90	1.26	24.86	1.27	26.54	1.30	27.86	1.32
	40	21.24	1.19	22.56	1.23	23.88	1.28	24.84	1.29	26.52	1.32	27.84	1.34
	45	21.23	1.21	22.55	1.25	23.87	1.29	24.82	1.31	26.50	1.33	27.82	1.36
	50	21.21	1.22	22.53	1.27	23.85	1.31	24.80	1.33	26.48	1.35	27.80	1.38
	55	21.20	1.24	22.51	1.28	23.83	1.33	24.78	1.34	26.46	1.37	27.78	1.40
	60	21.18	1.25	22.50	1.30	23.81	1.35	24.76	1.36	26.44	1.39	27.76	1.41
	65	21.16	1.27	22.48	1.32	23.79	1.36	24.74	1.38	26.42	1.40	27.74	1.43
	70	21.15	1.28	22.46	1.33	23.77	1.38	24.72	1.40	26.40	1.42	27.71	1.45
	75	20.64	1.35	21.95	1.40	23.26	1.45	24.20	1.47	25.88	1.50	27.19	1.53
	80	20.13	1.42	21.44	1.48	22.74	1.53	23.69	1.55	25.36	1.58	26.66	1.61
	85	19.63	1.49	20.93	1.55	22.23	1.60	23.17	1.62	24.84	1.65	26.14	1.69
	90	19.12	1.56	20.42	1.62	21.72	1.68	22.66	1.70	24.32	1.73	25.62	1.76
	95	18.57	1.63	19.87	1.69	21.16	1.75	21.75	1.77	23.75	1.81	25.04	1.84
	100	18.35	1.70	19.67	1.76	20.98	1.83	21.66	1.85	23.60	1.88	24.92	1.92
	105	18.14	1.77	19.47	1.83	20.80	1.90	21.57	1.92	23.46	1.96	24.79	2.00
	110	17.92	1.84	19.27	1.91	20.61	1.98	21.47	2.00	23.31	2.04	24.66	2.08
	115	17.70	1.91	19.07	1.98	20.43	2.05	21.38	2.07	23.17	2.11	24.54	2.16
	118	17.57	1.95	18.95	2.02	20.32	2.10	21.32	2.12	23.08	2.16	24.46	2.20
	122	17.52	2.01	18.91	2.08	20.29	2.15	21.30	2.18	23.05	2.22	24.43	2.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 34: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	22.42	1.10	23.82	1.14	25.21	1.18	26.22	1.20	28.00	1.22	29.39	1.25
	0	22.41	1.11	23.80	1.16	25.20	1.20	26.20	1.21	27.98	1.23	29.37	1.26
	5	22.39	1.13	23.79	1.17	25.18	1.22	26.18	1.23	27.96	1.25	29.35	1.28
	10	22.38	1.15	23.77	1.19	25.16	1.23	26.16	1.25	27.94	1.27	29.33	1.30
	14	22.36	1.17	23.75	1.21	25.14	1.25	26.14	1.27	27.91	1.29	29.30	1.32
	20	22.34	1.18	23.73	1.23	25.12	1.27	26.12	1.29	27.89	1.31	29.28	1.34
	25	22.33	1.20	23.71	1.24	25.10	1.29	26.10	1.30	27.87	1.33	29.26	1.35
	30	22.31	1.22	23.69	1.26	25.08	1.31	26.08	1.32	27.85	1.35	29.24	1.37
	35	22.29	1.23	23.68	1.28	25.06	1.32	26.06	1.34	27.83	1.37	29.21	1.39
	40	22.27	1.25	23.66	1.30	25.04	1.34	26.04	1.36	27.81	1.38	29.19	1.41
	45	22.26	1.27	23.64	1.31	25.02	1.36	26.02	1.38	27.79	1.40	29.17	1.43
	50	22.24	1.28	23.62	1.33	25.00	1.38	26.00	1.39	27.77	1.42	29.15	1.45
	55	22.22	1.30	23.60	1.35	24.98	1.40	25.98	1.41	27.74	1.44	29.12	1.47
	60	22.21	1.32	23.59	1.36	24.96	1.41	25.96	1.43	27.72	1.46	29.10	1.49
	65	22.19	1.33	23.57	1.38	24.95	1.43	25.94	1.45	27.70	1.48	29.08	1.51
	70	22.17	1.35	23.55	1.40	24.93	1.45	25.92	1.47	27.68	1.50	29.06	1.53
	75	21.64	1.42	23.01	1.48	24.39	1.53	25.38	1.55	27.13	1.58	28.51	1.61
	80	21.11	1.50	22.48	1.55	23.85	1.61	24.84	1.63	26.59	1.66	27.96	1.69
	85	20.58	1.57	21.94	1.63	23.31	1.69	24.30	1.71	26.04	1.74	27.41	1.77
	90	20.05	1.64	21.41	1.70	22.77	1.76	23.76	1.78	25.50	1.82	26.86	1.85
	95	19.47	1.71	20.83	1.78	22.19	1.84	22.81	1.86	24.90	1.90	26.26	1.94
	100	19.24	1.79	20.62	1.85	22.00	1.92	22.71	1.94	24.75	1.98	26.12	2.02
21	105	19.02	1.86	20.41	1.93	21.81	2.00	22.61	2.02	24.60	2.06	25.99	2.10
	110	18.79	1.93	20.20	2.00	21.61	2.08	22.51	2.10	24.44	2.14	25.86	2.18
	115	18.56	2.01	19.99	2.08	21.42	2.16	22.41	2.18	24.29	2.22	25.72	2.27
	118	18.42	2.05	19.86	2.12	21.31	2.20	22.35	2.23	24.20	2.27	25.64	2.31
	122	18.37	2.11	19.82	2.19	21.27	2.26	22.33	2.29	24.17	2.33	25.62	2.38
	-4	23.46	1.16	24.92	1.20	26.38	1.24	27.43	1.26	29.29	1.28	30.75	1.31
	0	23.45	1.17	24.91	1.21	26.36	1.26	27.41	1.27	29.27	1.29	30.73	1.32
	5	23.43	1.19	24.88	1.23	26.34	1.28	27.39	1.29	29.25	1.32	30.71	1.34
	10	23.41	1.21	24.87	1.25	26.32	1.30	27.37	1.31	29.23	1.33	30.68	1.36
	14	23.39	1.22	24.85	1.27	26.30	1.31	27.35	1.33	29.21	1.35	30.66	1.38
	20	23.38	1.24	24.83	1.29	26.28	1.33	27.33	1.35	29.18	1.37	30.64	1.40
	25	23.36	1.26	24.81	1.30	26.26	1.35	27.31	1.37	29.16	1.39	30.61	1.42
	30	23.34	1.28	24.79	1.32	26.24	1.37	27.29	1.39	29.14	1.41	30.59	1.44
	35	23.32	1.29	24.77	1.34	26.22	1.39	27.27	1.41	29.12	1.43	30.56	1.46
	40	23.30	1.31	24.75	1.36	26.20	1.41	27.24	1.42	29.09	1.45	30.54	1.48
	45	23.29	1.33	24.73	1.38	26.18	1.43	27.22	1.44	29.07	1.47	30.52	1.50
	50	23.27	1.35	24.71	1.40	26.16	1.45	27.20	1.46	29.05	1.49	30.49	1.52
	55	23.25	1.36	24.70	1.41	26.14	1.47	27.18	1.48	29.03	1.51	30.47	1.54
	60	23.23	1.38	24.68	1.43	26.12	1.48	27.16	1.50	29.01	1.53	30.45	1.56
	65	23.22	1.40	24.66	1.45	26.10	1.50	27.14	1.52	28.98	1.55	30.42	1.58
	70	23.20	1.42	24.64	1.47	26.08	1.52	27.12	1.54	28.96	1.57	30.40	1.60
	75	22.64	1.49	24.08	1.55	25.51	1.60	26.55	1.62	28.39	1.65	29.83	1.69
	80	22.08	1.57	23.51	1.63	24.95	1.69	25.98	1.71	27.82	1.74	29.25	1.77
	85	21.53	1.65	22.96	1.71	24.39	1.77	25.42	1.79	27.25	1.82	28.68	1.86
	90	20.97	1.72	22.40	1.78	23.83	1.85	24.86	1.87	26.68	1.91	28.11	1.94
	95	20.37	1.80	21.79	1.86	23.21	1.93	23.86	1.95	26.05	1.99	27.47	2.03
	100	20.13	1.87	21.57	1.94	23.01	2.01	23.76	2.04	25.89	2.08	27.33	2.12
	105	19.89	1.95	21.35	2.02	22.81	2.10	23.66	2.12	25.73	2.16	27.19	2.20
	110	19.65	2.03	21.13	2.10	22.61	2.18	23.55	2.20	25.57	2.24	27.05	2.29
	115	19.41	2.10	20.92	2.18	22.41	2.26	23.45	2.29	25.42	2.33	26.91	2.38
	118	19.27	2.15	20.78	2.23	22.29	2.31	23.39	2.34	25.32	2.38	26.83	2.43
	122	19.22	2.21	20.74	2.29	22.25	2.38	23.37	2.40	25.29	2.45	26.80	2.50

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

MULTI F WITH LGRED°
MULTI F MAX

Maximum Cooling Capacity Tables

Table 35: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	24.50	1.21	26.02	1.25	27.54	1.30	28.64	1.32	30.58	1.34	32.11	1.37
	0	24.49	1.22	26.01	1.27	27.53	1.31	28.63	1.33	30.57	1.35	32.09	1.38
	5	24.47	1.24	25.98	1.29	27.50	1.34	28.60	1.35	30.54	1.38	32.06	1.40
	10	24.45	1.26	25.96	1.31	27.48	1.36	28.58	1.37	30.52	1.40	32.04	1.43
	14	24.43	1.28	25.95	1.33	27.46	1.38	28.56	1.39	30.50	1.42	32.01	1.45
	20	24.41	1.30	25.93	1.35	27.44	1.40	28.54	1.41	30.47	1.44	31.99	1.47
	25	24.39	1.32	25.91	1.37	27.42	1.42	28.51	1.43	30.45	1.46	31.96	1.49
	30	24.37	1.34	25.89	1.38	27.40	1.43	28.49	1.45	30.43	1.48	31.94	1.51
	35	24.35	1.35	25.87	1.40	27.38	1.45	28.47	1.47	30.40	1.50	31.92	1.53
	40	24.33	1.37	25.85	1.42	27.36	1.47	28.45	1.49	30.38	1.52	31.89	1.55
	45	24.32	1.39	25.83	1.44	27.34	1.49	28.43	1.51	30.36	1.54	31.87	1.57
	50	24.30	1.41	25.81	1.46	27.32	1.51	28.41	1.53	30.33	1.56	31.84	1.59
	55	24.28	1.43	25.79	1.48	27.29	1.53	28.38	1.55	30.31	1.58	31.82	1.61
	60	24.26	1.45	25.77	1.50	27.27	1.55	28.36	1.57	30.29	1.60	31.79	1.63
	65	24.24	1.46	25.75	1.52	27.25	1.57	28.34	1.59	30.26	1.62	31.77	1.65
	70	24.22	1.48	25.73	1.54	27.23	1.59	28.32	1.61	30.24	1.64	31.74	1.67
	75	23.64	1.56	25.14	1.62	26.64	1.68	27.73	1.70	29.64	1.73	31.14	1.76
	80	23.06	1.64	24.55	1.70	26.05	1.76	27.13	1.79	29.05	1.82	30.54	1.86
	85	22.48	1.72	23.97	1.79	25.47	1.85	26.54	1.87	28.45	1.91	29.95	1.95
	90	21.90	1.80	23.39	1.87	24.88	1.94	25.96	1.96	27.86	2.00	29.35	2.04
	95	21.27	1.88	22.76	1.95	24.24	2.02	24.92	2.05	27.20	2.08	28.69	2.13
	100	21.02	1.96	22.53	2.03	24.03	2.11	24.81	2.13	27.04	2.17	28.54	2.22
23	105	20.77	2.04	22.30	2.12	23.82	2.19	24.70	2.22	26.87	2.26	28.39	2.31
	110	20.52	2.12	22.07	2.20	23.61	2.28	24.59	2.31	26.70	2.35	28.25	2.40
	115	20.27	2.20	21.84	2.28	23.40	2.37	24.49	2.39	26.54	2.44	28.10	2.49
	118	20.12	2.25	21.70	2.33	23.28	2.42	24.42	2.45	26.44	2.49	28.02	2.54
	122	20.07	2.31	21.66	2.40	23.24	2.49	24.40	2.52	26.41	2.56	27.99	2.61
	-4	25.54	1.26	27.12	1.31	28.71	1.36	29.85	1.37	31.88	1.40	33.47	1.43
	0	25.52	1.28	27.11	1.33	28.69	1.37	29.84	1.39	31.86	1.42	33.45	1.44
	5	25.50	1.30	27.08	1.35	28.67	1.40	29.81	1.41	31.84	1.44	33.42	1.47
	10	25.48	1.32	27.06	1.37	28.65	1.42	29.79	1.43	31.81	1.46	33.39	1.49
	14	25.46	1.34	27.04	1.39	28.62	1.44	29.77	1.45	31.79	1.48	33.37	1.51
	20	25.44	1.36	27.02	1.41	28.60	1.46	29.74	1.47	31.76	1.50	33.34	1.53
	25	25.42	1.38	27.00	1.43	28.58	1.48	29.72	1.50	31.74	1.52	33.32	1.55
	30	25.40	1.40	26.98	1.45	28.56	1.50	29.70	1.52	31.71	1.54	33.29	1.58
	35	25.38	1.41	26.96	1.47	28.54	1.52	29.68	1.54	31.69	1.57	33.27	1.60
	40	25.36	1.43	26.94	1.49	28.52	1.54	29.65	1.56	31.67	1.59	33.24	1.62
	45	25.35	1.45	26.92	1.51	28.49	1.56	29.63	1.58	31.64	1.61	33.22	1.64
	50	25.33	1.47	26.90	1.53	28.47	1.58	29.61	1.60	31.62	1.63	33.19	1.66
	55	25.31	1.49	26.88	1.55	28.45	1.60	29.59	1.62	31.59	1.65	33.16	1.68
	60	25.29	1.51	26.86	1.57	28.43	1.62	29.56	1.64	31.57	1.67	33.14	1.71
	65	25.27	1.53	26.84	1.59	28.41	1.64	29.54	1.66	31.54	1.69	33.11	1.73
	70	25.25	1.55	26.82	1.61	28.38	1.66	29.52	1.68	31.52	1.72	33.09	1.75
	75	24.64	1.63	26.21	1.69	27.77	1.75	28.90	1.77	30.90	1.81	32.46	1.84
	80	24.03	1.72	25.59	1.78	27.15	1.84	28.28	1.87	30.27	1.90	31.83	1.94
	85	23.43	1.80	24.99	1.87	26.54	1.93	27.67	1.96	29.66	1.99	31.21	2.03
	90	22.83	1.88	24.38	1.95	25.93	2.02	27.06	2.05	29.04	2.09	30.59	2.13
	95	22.18	1.97	23.72	2.04	25.27	2.11	25.97	2.14	28.35	2.18	29.90	2.22
	100	21.91	2.05	23.48	2.13	25.05	2.20	25.86	2.23	28.18	2.27	29.75	2.32
	105	21.65	2.13	23.24	2.21	24.83	2.29	25.75	2.32	28.01	2.36	29.60	2.41
	110	21.39	2.22	23.00	2.30	24.61	2.38	25.64	2.41	27.84	2.46	29.44	2.50
	115	21.13	2.30	22.76	2.39	24.40	2.47	25.52	2.50	27.66	2.55	29.29	2.60
	118	20.97	2.35	22.62	2.44	24.26	2.53	25.45	2.56	27.56	2.60	29.20	2.66
	122	20.92	2.42	22.57	2.51	24.22	2.60	25.43	2.63	27.52	2.68	29.17	2.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 36: KUMXA361A Maximum Cooling Capacity Table —Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	26.57	1.32	28.22	1.37	29.87	1.42	31.07	1.43	33.17	1.46	34.82	1.49
	0	26.56	1.33	28.21	1.38	29.86	1.43	31.05	1.45	33.16	1.48	34.81	1.51
	5	26.54	1.36	28.18	1.41	29.83	1.46	31.02	1.47	33.13	1.50	34.78	1.53
	10	26.52	1.38	28.16	1.43	29.81	1.48	31.00	1.49	33.10	1.52	34.75	1.55
	14	26.50	1.40	28.14	1.45	29.79	1.50	30.98	1.52	33.08	1.55	34.72	1.58
	20	26.48	1.42	28.12	1.47	29.76	1.52	30.95	1.54	33.05	1.57	34.70	1.60
	25	26.46	1.44	28.10	1.49	29.74	1.54	30.93	1.56	33.03	1.59	34.67	1.62
	30	26.44	1.46	28.08	1.51	29.72	1.56	30.90	1.58	33.00	1.61	34.64	1.64
	35	26.42	1.48	28.06	1.53	29.70	1.59	30.88	1.60	32.98	1.63	34.62	1.67
	40	26.39	1.50	28.03	1.55	29.67	1.61	30.86	1.63	32.95	1.66	34.59	1.69
	45	26.37	1.52	28.01	1.57	29.65	1.63	30.83	1.65	32.93	1.68	34.56	1.71
	50	26.35	1.54	27.99	1.59	29.63	1.65	30.81	1.67	32.90	1.70	34.54	1.73
	55	26.33	1.56	27.97	1.61	29.61	1.67	30.79	1.69	32.88	1.72	34.51	1.76
	60	26.31	1.58	27.95	1.63	29.58	1.69	30.76	1.71	32.85	1.74	34.49	1.78
	65	26.29	1.60	27.93	1.65	29.56	1.71	30.74	1.73	32.83	1.77	34.46	1.80
	70	26.27	1.62	27.91	1.68	29.54	1.74	30.72	1.76	32.80	1.79	34.43	1.83
	75	25.64	1.70	27.27	1.77	28.90	1.83	30.07	1.85	32.15	1.89	33.78	1.92
	80	25.01	1.79	26.63	1.86	28.26	1.92	29.43	1.95	31.50	1.98	33.13	2.02
	85	24.38	1.88	26.00	1.95	27.62	2.02	28.79	2.04	30.86	2.08	32.48	2.12
	90	23.76	1.97	25.37	2.04	26.99	2.11	28.15	2.14	30.22	2.18	31.83	2.22
	95	23.08	2.05	24.68	2.13	26.29	2.20	27.03	2.23	29.51	2.27	31.11	2.32
	100	22.80	2.14	24.43	2.22	26.06	2.30	26.91	2.32	29.33	2.37	30.96	2.42
	105	22.53	2.23	24.19	2.31	25.84	2.39	26.79	2.42	29.15	2.47	30.80	2.51
	110	22.26	2.31	23.94	2.40	25.61	2.49	26.68	2.51	28.97	2.56	30.64	2.61
	115	21.99	2.40	23.69	2.49	25.39	2.58	26.56	2.61	28.79	2.66	30.48	2.71
	118	21.83	2.45	23.54	2.54	25.25	2.64	26.49	2.67	28.68	2.72	30.39	2.77
	122	21.77	2.52	23.49	2.62	25.20	2.71	26.46	2.74	28.64	2.79	30.36	2.85
25	-4	27.61	1.37	29.32	1.42	31.04	1.48	32.28	1.49	34.47	1.52	36.18	1.55
	0	27.59	1.39	29.31	1.44	31.02	1.49	32.26	1.51	34.45	1.54	36.16	1.57
	5	27.57	1.41	29.28	1.46	31.00	1.52	32.23	1.53	34.42	1.56	36.13	1.59
	10	27.55	1.43	29.26	1.49	30.97	1.54	32.21	1.56	34.40	1.59	36.11	1.62
	14	27.53	1.45	29.24	1.51	30.95	1.56	32.18	1.58	34.37	1.61	36.08	1.64
	20	27.51	1.47	29.22	1.53	30.93	1.58	32.16	1.60	34.34	1.63	36.05	1.67
	25	27.49	1.50	29.20	1.55	30.90	1.61	32.14	1.63	34.32	1.66	36.02	1.69
	30	27.47	1.52	29.17	1.57	30.88	1.63	32.11	1.65	34.29	1.68	36.00	1.71
	35	27.45	1.54	29.15	1.59	30.86	1.65	32.09	1.67	34.26	1.70	35.97	1.74
	40	27.43	1.56	29.13	1.62	30.83	1.67	32.06	1.69	34.24	1.73	35.94	1.76
	45	27.40	1.58	29.11	1.64	30.81	1.70	32.04	1.72	34.21	1.75	35.91	1.78
	50	27.38	1.60	29.08	1.66	30.78	1.72	32.01	1.74	34.19	1.77	35.89	1.81
	55	27.36	1.62	29.06	1.68	30.76	1.74	31.99	1.76	34.16	1.79	35.86	1.83
	60	27.34	1.64	29.04	1.70	30.74	1.76	31.96	1.78	34.13	1.82	35.83	1.85
	65	27.32	1.66	29.02	1.72	30.71	1.79	31.94	1.81	34.11	1.84	35.80	1.88
	70	27.30	1.68	28.99	1.75	30.69	1.81	31.91	1.83	34.08	1.86	35.78	1.90
	75	26.64	1.77	28.33	1.84	30.02	1.91	31.25	1.93	33.41	1.96	35.10	2.00
	80	25.99	1.87	27.67	1.93	29.36	2.00	30.58	2.03	32.73	2.06	34.42	2.11
	85	25.33	1.96	27.02	2.03	28.70	2.10	29.92	2.13	32.07	2.17	33.75	2.21
	90	24.68	2.05	26.36	2.12	28.04	2.20	29.25	2.22	31.40	2.27	33.08	2.31
	95	23.98	2.14	25.65	2.22	27.32	2.30	28.08	2.32	30.66	2.37	32.33	2.41
	100	23.69	2.23	25.39	2.31	27.08	2.39	27.96	2.42	30.47	2.47	32.16	2.52
	105	23.41	2.32	25.13	2.40	26.85	2.49	27.84	2.52	30.28	2.57	32.00	2.62
	110	23.13	2.41	24.87	2.50	26.61	2.59	27.72	2.62	30.10	2.67	31.84	2.72
	115	22.85	2.50	24.61	2.59	26.38	2.69	27.59	2.72	29.91	2.77	31.67	2.82
	118	22.68	2.56	24.46	2.65	26.24	2.75	27.52	2.78	29.80	2.83	31.57	2.89
	122	22.62	2.63	24.41	2.72	26.19	2.82	27.50	2.86	29.76	2.91	31.54	2.97

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 37: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	28.65	1.43	30.43	1.48	32.20	1.54	33.49	1.55	35.76	1.58	37.54	1.61
	0	28.63	1.45	30.41	1.50	32.19	1.55	33.47	1.57	35.74	1.60	37.52	1.63
	5	28.61	1.47	30.38	1.52	32.16	1.58	33.44	1.60	35.71	1.63	37.49	1.66
	10	28.59	1.49	30.36	1.54	32.14	1.60	33.42	1.62	35.69	1.65	37.46	1.68
	14	28.56	1.51	30.34	1.57	32.11	1.62	33.39	1.64	35.66	1.67	37.43	1.71
	20	28.54	1.53	30.31	1.59	32.09	1.65	33.37	1.67	35.63	1.70	37.41	1.73
	25	28.52	1.56	30.29	1.61	32.06	1.67	33.34	1.69	35.61	1.72	37.38	1.76
	30	28.50	1.58	30.27	1.63	32.04	1.69	33.32	1.71	35.58	1.75	37.35	1.78
	35	28.48	1.60	30.25	1.66	32.01	1.72	33.29	1.74	35.55	1.77	37.32	1.81
	40	28.46	1.62	30.22	1.68	31.99	1.74	33.27	1.76	35.52	1.79	37.29	1.83
	45	28.43	1.64	30.20	1.70	31.96	1.76	33.24	1.79	35.50	1.82	37.26	1.86
	50	28.41	1.66	30.18	1.73	31.94	1.79	33.21	1.81	35.47	1.84	37.23	1.88
	55	28.39	1.69	30.15	1.75	31.92	1.81	33.19	1.83	35.44	1.87	37.21	1.90
	60	28.37	1.71	30.13	1.77	31.89	1.83	33.16	1.86	35.42	1.89	37.18	1.93
	65	28.35	1.73	30.11	1.79	31.87	1.86	33.14	1.88	35.39	1.91	37.15	1.95
	70	28.32	1.75	30.08	1.82	31.84	1.88	33.11	1.90	35.36	1.94	37.12	1.98
	75	27.64	1.85	29.40	1.91	31.15	1.98	32.42	2.01	34.66	2.04	36.42	2.08
	80	26.96	1.94	28.71	2.01	30.46	2.08	31.73	2.11	33.96	2.15	35.71	2.19
	85	26.29	2.03	28.03	2.11	29.78	2.19	31.04	2.21	33.27	2.25	35.02	2.30
	90	25.61	2.13	27.35	2.21	29.09	2.29	30.35	2.31	32.58	2.36	34.32	2.40
	95	24.88	2.22	26.61	2.30	28.34	2.39	29.14	2.42	31.81	2.46	33.54	2.51
	100	24.58	2.32	26.34	2.40	28.10	2.49	29.01	2.52	31.61	2.57	33.37	2.62
	105	24.29	2.41	26.07	2.50	27.86	2.59	28.88	2.62	31.42	2.67	33.20	2.72
	110	24.00	2.51	25.81	2.60	27.61	2.69	28.76	2.72	31.23	2.78	33.03	2.83
	115	23.70	2.60	25.54	2.70	27.37	2.79	28.63	2.83	31.03	2.88	32.86	2.94
	118	23.53	2.66	25.38	2.76	27.22	2.86	28.56	2.89	30.92	2.94	32.76	3.00
	122	23.47	2.73	25.32	2.83	27.17	2.94	28.53	2.97	30.88	3.03	32.73	3.09
27	-4	29.68	1.49	31.53	1.54	33.37	1.60	34.70	1.61	37.06	1.64	38.90	1.68
	0	29.67	1.50	31.51	1.56	33.35	1.61	34.68	1.63	37.04	1.66	38.88	1.70
	5	29.64	1.53	31.48	1.58	33.33	1.64	34.65	1.66	37.01	1.69	38.85	1.72
	10	29.62	1.55	31.46	1.60	33.30	1.66	34.63	1.68	36.98	1.71	38.82	1.75
	14	29.60	1.57	31.44	1.63	33.27	1.69	34.60	1.71	36.95	1.74	38.79	1.77
	20	29.58	1.59	31.41	1.65	33.25	1.71	34.58	1.73	36.92	1.76	38.76	1.80
	25	29.55	1.62	31.39	1.68	33.22	1.74	34.55	1.76	36.89	1.79	38.73	1.83
	30	29.53	1.64	31.36	1.70	33.20	1.76	34.52	1.78	36.87	1.81	38.70	1.85
	35	29.51	1.66	31.34	1.72	33.17	1.78	34.50	1.81	36.84	1.84	38.67	1.88
	40	29.49	1.68	31.32	1.75	33.15	1.81	34.47	1.83	36.81	1.86	38.64	1.90
	45	29.46	1.71	31.29	1.77	33.12	1.83	34.44	1.85	36.78	1.89	38.61	1.93
	50	29.44	1.73	31.27	1.79	33.10	1.86	34.42	1.88	36.75	1.91	38.58	1.95
	55	29.42	1.75	31.24	1.82	33.07	1.88	34.39	1.90	36.73	1.94	38.55	1.98
	60	29.39	1.77	31.22	1.84	33.05	1.91	34.36	1.93	36.70	1.96	38.52	2.00
	65	29.37	1.80	31.20	1.86	33.02	1.93	34.34	1.95	36.67	1.99	38.49	2.03
	70	29.35	1.82	31.17	1.89	33.00	1.95	34.31	1.98	36.64	2.01	38.46	2.05
	75	28.64	1.92	30.46	1.99	32.28	2.06	33.59	2.08	35.92	2.12	37.73	2.17
	80	27.94	2.02	29.75	2.09	31.56	2.17	32.87	2.19	35.19	2.23	37.01	2.28
	85	27.24	2.11	29.05	2.19	30.86	2.27	32.16	2.30	34.47	2.34	36.28	2.39
	90	26.54	2.21	28.34	2.29	30.15	2.38	31.45	2.40	33.76	2.45	35.56	2.50
	95	25.78	2.31	27.57	2.39	29.37	2.48	30.19	2.51	32.96	2.56	34.76	2.61
	100	25.47	2.41	27.30	2.50	29.12	2.59	30.06	2.62	32.76	2.67	34.58	2.72
	105	25.17	2.51	27.02	2.60	28.86	2.69	29.93	2.72	32.56	2.77	34.40	2.83
	110	24.87	2.60	26.74	2.70	28.61	2.80	29.80	2.83	32.36	2.88	34.23	2.94
	115	24.56	2.70	26.46	2.80	28.36	2.90	29.67	2.94	32.16	2.99	34.05	3.05
	118	24.38	2.76	26.29	2.86	28.21	2.97	29.59	3.00	32.03	3.06	33.95	3.12
	122	24.32	2.84	26.24	2.94	28.16	3.05	29.56	3.09	31.99	3.14	33.91	3.21

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 38: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	30.72	1.54	32.63	1.60	34.54	1.66	35.91	1.67	38.35	1.71	40.26	1.74
	0	30.70	1.56	32.61	1.61	34.52	1.67	35.89	1.69	38.33	1.72	40.24	1.76
	5	30.68	1.58	32.58	1.64	34.49	1.70	35.87	1.72	38.30	1.75	40.21	1.79
	10	30.66	1.61	32.56	1.67	34.46	1.73	35.84	1.75	38.27	1.78	40.17	1.81
	14	30.63	1.63	32.53	1.69	34.44	1.75	35.81	1.77	38.24	1.80	40.14	1.84
	20	30.61	1.65	32.51	1.71	34.41	1.78	35.78	1.80	38.21	1.83	40.11	1.87
	25	30.59	1.68	32.48	1.74	34.38	1.80	35.76	1.82	38.18	1.86	40.08	1.89
	30	30.56	1.70	32.46	1.76	34.36	1.83	35.73	1.85	38.15	1.88	40.05	1.92
	35	30.54	1.72	32.44	1.79	34.33	1.85	35.70	1.87	38.12	1.91	40.02	1.95
	40	30.52	1.75	32.41	1.81	34.31	1.88	35.67	1.90	38.10	1.93	39.99	1.97
	45	30.49	1.77	32.39	1.84	34.28	1.90	35.65	1.92	38.07	1.96	39.96	2.00
	50	30.47	1.79	32.36	1.86	34.25	1.93	35.62	1.95	38.04	1.99	39.93	2.03
	55	30.45	1.82	32.34	1.88	34.23	1.95	35.59	1.97	38.01	2.01	39.90	2.05
	60	30.42	1.84	32.31	1.91	34.20	1.98	35.56	2.00	37.98	2.04	39.87	2.08
	65	30.40	1.86	32.29	1.93	34.17	2.00	35.54	2.03	37.95	2.06	39.84	2.11
	70	30.37	1.89	32.26	1.96	34.15	2.03	35.51	2.05	37.92	2.09	39.81	2.13
	75	29.64	1.99	31.53	2.06	33.41	2.14	34.77	2.16	37.17	2.20	39.05	2.25
	80	28.91	2.09	30.79	2.17	32.67	2.25	34.02	2.27	36.42	2.32	38.30	2.36
	85	28.19	2.19	30.06	2.27	31.93	2.36	33.29	2.38	35.68	2.43	37.55	2.48
	90	27.46	2.29	29.33	2.38	31.20	2.47	32.55	2.49	34.94	2.54	36.80	2.59
	95	26.68	2.40	28.54	2.48	30.39	2.57	31.25	2.60	34.11	2.65	35.97	2.71
	100	26.36	2.50	28.25	2.59	30.13	2.68	31.11	2.72	33.90	2.77	35.79	2.82
29	105	26.05	2.60	27.96	2.70	29.87	2.79	30.98	2.83	33.70	2.88	35.61	2.94
	110	25.74	2.70	27.67	2.80	29.61	2.90	30.84	2.94	33.49	2.99	35.42	3.05
	115	25.42	2.80	27.39	2.91	29.35	3.01	30.70	3.05	33.28	3.10	35.24	3.17
	118	25.23	2.87	27.21	2.97	29.19	3.08	30.62	3.11	33.15	3.17	35.13	3.24
	122	25.17	2.95	27.16	3.05	29.14	3.17	30.60	3.20	33.11	3.26	35.10	3.33
	-4	31.76	1.60	33.73	1.66	35.70	1.72	37.13	1.74	39.65	1.77	41.62	1.80
	0	31.74	1.61	33.71	1.67	35.68	1.73	37.11	1.75	39.63	1.79	41.60	1.82
	5	31.71	1.64	33.68	1.70	35.65	1.76	37.08	1.78	39.59	1.82	41.56	1.85
	10	31.69	1.66	33.66	1.73	35.63	1.79	37.05	1.81	39.56	1.84	41.53	1.88
	14	31.67	1.69	33.63	1.75	35.60	1.81	37.02	1.84	39.53	1.87	41.50	1.91
	20	31.64	1.71	33.61	1.78	35.57	1.84	36.99	1.86	39.50	1.90	41.47	1.94
	25	31.62	1.74	33.58	1.80	35.54	1.87	36.96	1.89	39.47	1.92	41.44	1.96
	30	31.59	1.76	33.56	1.83	35.52	1.89	36.93	1.91	39.44	1.95	41.40	1.99
	35	31.57	1.79	33.53	1.85	35.49	1.92	36.91	1.94	39.41	1.98	41.37	2.02
	40	31.55	1.81	33.50	1.88	35.46	1.95	36.88	1.97	39.38	2.00	41.34	2.04
	45	31.52	1.83	33.48	1.90	35.44	1.97	36.85	1.99	39.35	2.03	41.31	2.07
	50	31.50	1.86	33.45	1.93	35.41	2.00	36.82	2.02	39.32	2.06	41.28	2.10
	55	31.47	1.88	33.43	1.95	35.38	2.02	36.79	2.05	39.29	2.09	41.25	2.13
	60	31.45	1.91	33.40	1.98	35.35	2.05	36.77	2.07	39.26	2.11	41.21	2.15
	65	31.42	1.93	33.38	2.00	35.33	2.08	36.74	2.10	39.23	2.14	41.18	2.18
	70	31.40	1.96	33.35	2.03	35.30	2.10	36.71	2.13	39.20	2.17	41.15	2.21
	75	30.64	2.06	32.59	2.14	34.54	2.21	35.94	2.24	38.43	2.28	40.37	2.33
	80	29.89	2.17	31.83	2.25	33.77	2.33	35.17	2.36	37.65	2.40	39.59	2.45
	85	29.14	2.27	31.08	2.36	33.01	2.44	34.41	2.47	36.88	2.52	38.82	2.57
	90	28.39	2.38	30.32	2.47	32.25	2.56	33.65	2.58	36.11	2.63	38.05	2.69
	95	27.58	2.48	29.50	2.57	31.42	2.67	32.30	2.70	35.26	2.75	37.18	2.81
	100	27.25	2.59	29.20	2.68	31.15	2.78	32.16	2.81	35.05	2.87	37.00	2.92
	105	26.93	2.69	28.91	2.79	30.88	2.90	32.02	2.93	34.83	2.98	36.81	3.04
	110	26.60	2.80	28.61	2.90	30.61	3.01	31.88	3.04	34.62	3.10	36.62	3.16
	115	26.28	2.91	28.31	3.01	30.34	3.12	31.74	3.16	34.40	3.22	36.43	3.28
	118	26.08	2.97	28.13	3.08	30.18	3.19	31.66	3.23	34.27	3.29	36.32	3.35
	122	26.02	3.05	28.07	3.17	30.12	3.28	31.63	3.32	34.23	3.38	36.28	3.45

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 39: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	32.79	1.65	34.83	1.71	36.87	1.78	38.34	1.80	40.94	1.83	42.98	1.87
	0	32.78	1.67	34.81	1.73	36.85	1.80	38.32	1.82	40.92	1.85	42.95	1.89
	5	32.75	1.70	34.78	1.76	36.82	1.82	38.29	1.85	40.89	1.88	42.92	1.92
	10	32.72	1.72	34.76	1.79	36.79	1.85	38.26	1.87	40.85	1.91	42.89	1.95
	14	32.70	1.75	34.73	1.81	36.76	1.88	38.23	1.90	40.82	1.94	42.85	1.98
	20	32.67	1.77	34.70	1.84	36.73	1.91	38.20	1.93	40.79	1.96	42.82	2.00
	25	32.65	1.80	34.68	1.86	36.71	1.93	38.17	1.96	40.76	1.99	42.79	2.03
	30	32.63	1.82	34.65	1.89	36.68	1.96	38.14	1.98	40.73	2.02	42.76	2.06
	35	32.60	1.85	34.62	1.92	36.65	1.99	38.11	2.01	40.70	2.05	42.72	2.09
	40	32.58	1.87	34.60	1.94	36.62	2.01	38.08	2.04	40.67	2.08	42.69	2.12
	45	32.55	1.90	34.57	1.97	36.59	2.04	38.05	2.06	40.64	2.10	42.66	2.15
	50	32.53	1.92	34.55	1.99	36.57	2.07	38.02	2.09	40.61	2.13	42.63	2.17
	55	32.50	1.95	34.52	2.02	36.54	2.09	37.99	2.12	40.57	2.16	42.59	2.20
	60	32.48	1.97	34.49	2.05	36.51	2.12	37.97	2.15	40.54	2.19	42.56	2.23
	65	32.45	2.00	34.47	2.07	36.48	2.15	37.94	2.17	40.51	2.21	42.53	2.26
	70	32.43	2.03	34.44	2.10	36.45	2.18	37.91	2.20	40.48	2.24	42.49	2.29
	75	31.65	2.13	33.65	2.21	35.66	2.29	37.11	2.32	39.68	2.36	41.69	2.41
	80	30.86	2.24	32.87	2.33	34.87	2.41	36.32	2.44	38.88	2.48	40.88	2.53
	85	30.09	2.35	32.09	2.44	34.09	2.53	35.53	2.56	38.09	2.60	40.09	2.66
	90	29.32	2.46	31.31	2.55	33.31	2.65	34.75	2.68	37.29	2.73	39.29	2.78
	95	28.48	2.57	30.46	2.67	32.45	2.76	33.36	2.79	36.41	2.85	38.40	2.90
	100	28.14	2.68	30.16	2.78	32.17	2.88	33.21	2.91	36.19	2.97	38.20	3.03
	105	27.81	2.79	29.85	2.89	31.89	3.00	33.07	3.03	35.97	3.09	38.01	3.15
	110	27.47	2.90	29.54	3.01	31.61	3.11	32.92	3.15	35.75	3.21	37.81	3.27
	115	27.14	3.01	29.23	3.12	31.33	3.23	32.78	3.27	35.53	3.33	37.62	3.40
	118	26.94	3.07	29.05	3.19	31.16	3.30	32.69	3.34	35.39	3.40	37.50	3.47
	122	26.87	3.16	28.99	3.28	31.11	3.40	32.66	3.44	35.35	3.50	37.46	3.57
31	-4	33.83	1.71	35.93	1.77	38.03	1.84	39.55	1.86	42.24	1.89	44.34	1.93
	0	33.81	1.73	35.91	1.79	38.01	1.86	39.53	1.88	42.21	1.91	44.31	1.95
	5	33.79	1.76	35.88	1.82	37.98	1.89	39.50	1.91	42.18	1.94	44.28	1.98
	10	33.76	1.78	35.86	1.85	37.95	1.92	39.47	1.94	42.15	1.97	44.24	2.01
	14	33.73	1.81	35.83	1.87	37.92	1.94	39.44	1.97	42.11	2.00	44.21	2.04
	20	33.71	1.83	35.80	1.90	37.90	1.97	39.41	1.99	42.08	2.03	44.18	2.07
	25	33.68	1.86	35.77	1.93	37.87	2.00	39.38	2.02	42.05	2.06	44.14	2.10
	30	33.66	1.89	35.75	1.96	37.84	2.03	39.35	2.05	42.02	2.09	44.11	2.13
	35	33.63	1.91	35.72	1.98	37.81	2.05	39.32	2.08	41.99	2.12	44.07	2.16
	40	33.61	1.94	35.69	2.01	37.78	2.08	39.29	2.11	41.95	2.15	44.04	2.19
	45	33.58	1.96	35.66	2.04	37.75	2.11	39.26	2.14	41.92	2.18	44.01	2.22
	50	33.55	1.99	35.64	2.06	37.72	2.14	39.23	2.16	41.89	2.20	43.97	2.25
	55	33.53	2.02	35.61	2.09	37.69	2.17	39.20	2.19	41.86	2.23	43.94	2.28
	60	33.50	2.04	35.58	2.12	37.66	2.19	39.17	2.22	41.82	2.26	43.91	2.31
	65	33.48	2.07	35.56	2.14	37.63	2.22	39.14	2.25	41.79	2.29	43.87	2.34
	70	33.45	2.09	35.53	2.17	37.61	2.25	39.11	2.28	41.76	2.32	43.84	2.37
	75	32.65	2.21	34.72	2.29	36.79	2.37	38.29	2.40	40.94	2.44	43.01	2.49
	80	31.84	2.32	33.91	2.41	35.98	2.49	37.47	2.52	40.11	2.57	42.18	2.62
	85	31.04	2.43	33.11	2.52	35.17	2.61	36.66	2.64	39.29	2.69	41.35	2.75
	90	30.25	2.55	32.30	2.64	34.36	2.74	35.84	2.77	38.47	2.82	40.53	2.88
	95	29.38	2.66	31.43	2.76	33.47	2.86	34.41	2.89	37.57	2.94	39.61	3.00
	100	29.03	2.77	31.11	2.87	33.18	2.98	34.26	3.01	37.34	3.07	39.41	3.13
	105	28.69	2.89	30.79	2.99	32.90	3.10	34.11	3.14	37.11	3.19	39.21	3.26
	110	28.34	3.00	30.48	3.11	32.61	3.22	33.96	3.26	36.88	3.32	39.01	3.39
	115	28.00	3.11	30.16	3.23	32.32	3.34	33.81	3.38	36.65	3.44	38.81	3.51
	118	27.79	3.18	29.97	3.30	32.15	3.42	33.72	3.46	36.51	3.52	38.69	3.59
	122	27.72	3.27	29.91	3.39	32.09	3.51	33.69	3.55	36.47	3.62	38.65	3.69

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 40: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	34.87	1.77	37.03	1.83	39.20	1.90	40.76	1.92	43.53	1.96	45.70	2.00
	0	34.85	1.79	37.01	1.85	39.18	1.92	40.74	1.94	43.51	1.98	45.67	2.02
	5	34.82	1.82	36.98	1.88	39.15	1.95	40.71	1.97	43.47	2.01	45.63	2.05
	10	34.79	1.84	36.96	1.91	39.12	1.98	40.68	2.00	43.44	2.04	45.60	2.08
	14	34.77	1.87	36.93	1.94	39.09	2.01	40.65	2.03	43.40	2.07	45.56	2.11
	20	34.74	1.90	36.90	1.97	39.06	2.04	40.61	2.06	43.37	2.10	45.53	2.14
	25	34.71	1.92	36.87	1.99	39.03	2.07	40.58	2.09	43.34	2.13	45.49	2.17
	30	34.69	1.95	36.84	2.02	39.00	2.09	40.55	2.12	43.31	2.16	45.46	2.20
	35	34.66	1.98	36.81	2.05	38.97	2.12	40.52	2.15	43.27	2.19	45.43	2.23
	40	34.64	2.00	36.79	2.08	38.94	2.15	40.49	2.18	43.24	2.22	45.39	2.26
	45	34.61	2.03	36.76	2.10	38.91	2.18	40.46	2.21	43.21	2.25	45.36	2.29
	50	34.58	2.06	36.73	2.13	38.88	2.21	40.43	2.24	43.17	2.28	45.32	2.32
	55	34.56	2.08	36.70	2.16	38.85	2.24	40.40	2.26	43.14	2.31	45.29	2.35
	60	34.53	2.11	36.67	2.19	38.82	2.27	40.37	2.29	43.11	2.34	45.25	2.38
	65	34.50	2.14	36.65	2.22	38.79	2.30	40.34	2.32	43.07	2.37	45.22	2.41
	70	34.48	2.16	36.62	2.24	38.76	2.33	40.30	2.35	43.04	2.40	45.18	2.44
	75	33.65	2.28	35.78	2.36	37.92	2.45	39.46	2.48	42.19	2.53	44.33	2.58
	80	32.82	2.40	34.95	2.49	37.08	2.58	38.62	2.61	41.34	2.65	43.47	2.71
	85	31.99	2.51	34.12	2.61	36.25	2.70	37.78	2.73	40.50	2.78	42.62	2.84
	90	31.17	2.63	33.29	2.73	35.41	2.83	36.94	2.86	39.65	2.91	41.77	2.97
	95	30.28	2.75	32.39	2.85	34.50	2.95	35.47	2.99	38.72	3.04	40.83	3.10
	100	29.92	2.86	32.06	2.97	34.20	3.08	35.31	3.11	38.48	3.17	40.62	3.24
33	105	29.57	2.98	31.74	3.09	33.90	3.20	35.16	3.24	38.24	3.30	40.41	3.37
	110	29.21	3.10	31.41	3.21	33.61	3.33	35.00	3.37	38.01	3.43	40.21	3.50
	115	28.85	3.22	31.08	3.33	33.31	3.45	34.85	3.49	37.77	3.56	40.00	3.63
	118	28.64	3.29	30.89	3.41	33.13	3.53	34.76	3.57	37.63	3.64	39.88	3.71
	122	28.57	3.38	30.82	3.50	33.07	3.63	34.73	3.67	37.58	3.74	39.83	3.82
	-4	35.91	1.82	38.14	1.89	40.37	1.96	41.98	1.98	44.83	2.02	47.06	2.06
	0	35.89	1.84	38.11	1.91	40.34	1.98	41.95	2.00	44.80	2.04	47.03	2.08
	5	35.86	1.87	38.08	1.94	40.31	2.01	41.92	2.04	44.76	2.07	46.99	2.12
	10	35.83	1.90	38.05	1.97	40.28	2.04	41.89	2.07	44.73	2.11	46.95	2.15
	14	35.80	1.93	38.03	2.00	40.25	2.07	41.85	2.10	44.70	2.14	46.92	2.18
	20	35.77	1.96	38.00	2.03	40.22	2.10	41.82	2.13	44.66	2.17	46.88	2.21
	25	35.75	1.98	37.97	2.06	40.19	2.13	41.79	2.16	44.63	2.20	46.85	2.24
	30	35.72	2.01	37.94	2.09	40.16	2.16	41.76	2.19	44.59	2.23	46.81	2.27
	35	35.69	2.04	37.91	2.11	40.13	2.19	41.73	2.22	44.56	2.26	46.78	2.30
	40	35.67	2.07	37.88	2.14	40.10	2.22	41.69	2.25	44.53	2.29	46.74	2.34
	45	35.64	2.10	37.85	2.17	40.06	2.25	41.66	2.28	44.49	2.32	46.70	2.37
	50	35.61	2.12	37.82	2.20	40.03	2.28	41.63	2.31	44.46	2.35	46.67	2.40
	55	35.58	2.15	37.79	2.23	40.00	2.31	41.60	2.34	44.42	2.38	46.63	2.43
	60	35.56	2.18	37.76	2.26	39.97	2.34	41.57	2.37	44.39	2.41	46.60	2.46
	65	35.53	2.21	37.74	2.29	39.94	2.37	41.54	2.40	44.35	2.44	46.56	2.49
	70	35.50	2.23	37.71	2.32	39.91	2.40	41.50	2.43	44.32	2.47	46.53	2.52
	75	34.65	2.36	36.85	2.44	39.05	2.53	40.63	2.56	43.44	2.61	45.64	2.66
	80	33.79	2.48	35.99	2.57	38.18	2.66	39.77	2.69	42.57	2.74	44.76	2.80
	85	32.95	2.60	35.13	2.69	37.32	2.79	38.90	2.82	41.70	2.87	43.89	2.93
	90	32.10	2.72	34.28	2.82	36.47	2.92	38.04	2.95	40.83	3.01	43.01	3.07
	95	31.18	2.84	33.35	2.94	35.52	3.05	36.52	3.08	39.87	3.14	42.04	3.20
	100	30.81	2.96	33.02	3.07	35.22	3.18	36.36	3.21	39.63	3.27	41.83	3.34
	105	30.45	3.08	32.68	3.19	34.91	3.31	36.20	3.35	39.38	3.41	41.62	3.48
	110	30.08	3.20	32.34	3.32	34.61	3.44	36.05	3.48	39.14	3.54	41.40	3.61
	115	29.71	3.32	32.01	3.44	34.30	3.57	35.89	3.61	38.90	3.67	41.19	3.75
	118	29.49	3.39	31.81	3.52	34.12	3.64	35.79	3.69	38.75	3.75	41.06	3.83
	122	29.42	3.49	31.74	3.62	34.06	3.75	35.76	3.79	38.70	3.86	41.02	3.94

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 41: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	36.94	1.88	39.24	1.95	41.53	2.02	43.19	2.04	46.12	2.08	48.41	2.13
	0	36.92	1.90	39.22	1.97	41.51	2.04	43.16	2.07	46.09	2.11	48.39	2.15
	5	36.89	1.93	39.18	2.00	41.47	2.08	43.13	2.10	46.06	2.14	48.35	2.18
	10	36.86	1.96	39.15	2.03	41.44	2.11	43.10	2.13	46.02	2.17	48.31	2.22
	14	36.84	1.99	39.12	2.06	41.41	2.14	43.06	2.16	45.99	2.20	48.27	2.25
	20	36.81	2.02	39.09	2.09	41.38	2.17	43.03	2.19	45.95	2.24	48.24	2.28
	25	36.78	2.05	39.06	2.12	41.35	2.20	43.00	2.23	45.92	2.27	48.20	2.31
	30	36.75	2.08	39.03	2.15	41.32	2.23	42.96	2.26	45.88	2.30	48.16	2.34
	35	36.72	2.10	39.00	2.18	41.28	2.26	42.93	2.29	45.85	2.33	48.13	2.38
	40	36.70	2.13	38.97	2.21	41.25	2.29	42.90	2.32	45.81	2.36	48.09	2.41
	45	36.67	2.16	38.94	2.24	41.22	2.32	42.87	2.35	45.78	2.39	48.05	2.44
	50	36.64	2.19	38.91	2.27	41.19	2.35	42.83	2.38	45.74	2.43	48.02	2.47
	55	36.61	2.22	38.88	2.30	41.16	2.38	42.80	2.41	45.71	2.46	47.98	2.51
	60	36.58	2.25	38.85	2.33	41.13	2.41	42.77	2.44	45.67	2.49	47.94	2.54
	65	36.55	2.28	38.83	2.36	41.10	2.45	42.73	2.47	45.64	2.52	47.91	2.57
	70	36.53	2.30	38.80	2.39	41.06	2.48	42.70	2.50	45.60	2.55	47.87	2.60
	75	35.65	2.43	37.91	2.52	40.17	2.61	41.81	2.64	44.70	2.69	46.96	2.74
	80	34.77	2.55	37.03	2.65	39.28	2.74	40.91	2.78	43.80	2.83	46.06	2.88
	85	33.90	2.68	36.15	2.78	38.40	2.88	40.03	2.91	42.90	2.96	45.16	3.02
	90	33.03	2.80	35.27	2.90	37.52	3.01	39.14	3.05	42.01	3.10	44.26	3.16
	95	32.08	2.93	34.32	3.03	36.55	3.14	37.58	3.18	41.02	3.24	43.26	3.31
	100	31.70	3.05	33.97	3.16	36.24	3.28	37.41	3.32	40.77	3.38	43.04	3.45
	105	31.33	3.18	33.62	3.29	35.92	3.41	37.25	3.45	40.52	3.52	42.82	3.59
	110	30.95	3.30	33.28	3.42	35.61	3.55	37.09	3.59	40.27	3.65	42.60	3.73
	115	30.57	3.42	32.93	3.55	35.29	3.68	36.92	3.72	40.02	3.79	42.38	3.87
	118	30.34	3.50	32.73	3.63	35.10	3.76	36.82	3.80	39.87	3.87	42.25	3.95
	122	30.27	3.60	32.66	3.73	35.04	3.87	36.79	3.91	39.82	3.98	42.20	4.06
35	-4	37.98	1.94	40.34	2.01	42.70	2.08	44.40	2.11	47.41	2.15	49.77	2.19
	0	37.96	1.96	40.32	2.03	42.67	2.11	44.38	2.13	47.39	2.17	49.75	2.21
	5	37.93	1.99	40.28	2.07	42.64	2.14	44.34	2.17	47.35	2.21	49.70	2.25
	10	37.90	2.02	40.25	2.10	42.61	2.17	44.31	2.20	47.31	2.24	49.67	2.28
	14	37.87	2.05	40.22	2.13	42.57	2.20	44.27	2.23	47.28	2.27	49.63	2.32
	20	37.84	2.08	40.19	2.16	42.54	2.24	44.24	2.26	47.24	2.30	49.59	2.35
	25	37.81	2.11	40.16	2.19	42.51	2.27	44.20	2.29	47.21	2.34	49.55	2.38
	30	37.78	2.14	40.13	2.22	42.48	2.30	44.17	2.33	47.17	2.37	49.52	2.42
	35	37.75	2.17	40.10	2.25	42.44	2.33	44.14	2.36	47.13	2.40	49.48	2.45
	40	37.73	2.20	40.07	2.28	42.41	2.36	44.10	2.39	47.10	2.43	49.44	2.48
	45	37.70	2.23	40.04	2.31	42.38	2.39	44.07	2.42	47.06	2.47	49.40	2.52
	50	37.67	2.26	40.01	2.34	42.35	2.43	44.04	2.45	47.02	2.50	49.36	2.55
	55	37.64	2.29	39.98	2.37	42.31	2.46	44.00	2.49	46.99	2.53	49.33	2.58
	60	37.61	2.32	39.95	2.40	42.28	2.49	43.97	2.52	46.95	2.56	49.29	2.62
	65	37.58	2.35	39.91	2.43	42.25	2.52	43.93	2.55	46.92	2.60	49.25	2.65
	70	37.55	2.38	39.88	2.46	42.22	2.55	43.90	2.58	46.88	2.63	49.21	2.68
	75	36.65	2.50	38.97	2.60	41.30	2.69	42.98	2.72	45.95	2.77	48.28	2.83
	80	35.74	2.63	38.07	2.73	40.39	2.83	42.06	2.86	45.03	2.91	47.35	2.97
	85	34.85	2.76	37.16	2.86	39.48	2.97	41.15	3.00	44.11	3.06	46.42	3.12
	90	33.95	2.89	36.26	2.99	38.57	3.10	40.24	3.14	43.19	3.20	45.50	3.26
	95	32.98	3.02	35.28	3.13	37.58	3.24	38.63	3.28	42.17	3.34	44.47	3.41
	100	32.59	3.14	34.92	3.26	37.25	3.38	38.46	3.42	41.91	3.48	44.24	3.55
	105	32.20	3.27	34.57	3.39	36.93	3.52	38.30	3.56	41.66	3.62	44.02	3.70
	110	31.82	3.40	34.21	3.53	36.61	3.65	38.13	3.70	41.40	3.77	43.79	3.84
	115	31.43	3.53	33.86	3.66	36.28	3.79	37.96	3.84	41.14	3.91	43.57	3.99
	118	31.19	3.61	33.64	3.74	36.09	3.87	37.86	3.92	40.99	3.99	43.43	4.07
	122	31.12	3.71	33.57	3.84	36.02	3.98	37.82	4.03	40.94	4.11	42.58	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 42: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	39.02	2.00	41.44	2.07	43.86	2.15	45.61	2.17	48.71	2.21	51.13	2.26
	0	39.00	2.02	41.42	2.09	43.84	2.17	45.59	2.20	48.68	2.24	51.10	2.28
	5	38.96	2.05	41.38	2.13	43.80	2.21	45.55	2.23	48.64	2.27	51.06	2.32
	10	38.93	2.08	41.35	2.16	43.77	2.24	45.52	2.26	48.61	2.31	51.02	2.35
	14	38.90	2.11	41.32	2.19	43.74	2.27	45.48	2.30	48.57	2.34	50.98	2.39
	20	38.87	2.14	41.29	2.22	43.70	2.30	45.45	2.33	48.53	2.37	50.95	2.42
	25	38.84	2.17	41.26	2.25	43.67	2.34	45.41	2.36	48.49	2.41	50.91	2.46
	30	38.81	2.21	41.23	2.29	43.64	2.37	45.38	2.40	48.46	2.44	50.87	2.49
	35	38.79	2.24	41.19	2.32	43.60	2.40	45.34	2.43	48.42	2.47	50.83	2.52
	40	38.76	2.27	41.16	2.35	43.57	2.43	45.31	2.46	48.38	2.51	50.79	2.56
	45	38.73	2.30	41.13	2.38	43.54	2.47	45.27	2.50	48.35	2.54	50.75	2.59
	50	38.70	2.33	41.10	2.41	43.50	2.50	45.24	2.53	48.31	2.58	50.71	2.63
	55	38.67	2.36	41.07	2.44	43.47	2.53	45.20	2.56	48.27	2.61	50.67	2.66
	60	38.64	2.39	41.04	2.47	43.44	2.56	45.17	2.59	48.23	2.64	50.63	2.70
	65	38.61	2.42	41.00	2.51	43.40	2.60	45.13	2.63	48.20	2.68	50.60	2.73
	70	38.58	2.45	40.97	2.54	43.37	2.63	45.10	2.66	48.16	2.71	50.56	2.76
	75	37.65	2.58	40.04	2.67	42.43	2.77	44.15	2.80	47.21	2.86	49.60	2.91
	80	36.72	2.71	39.10	2.81	41.49	2.91	43.21	2.95	46.26	3.00	48.64	3.06
	85	35.80	2.84	38.18	2.95	40.56	3.06	42.27	3.09	45.31	3.15	47.69	3.21
	90	34.88	2.98	37.25	3.08	39.62	3.20	41.34	3.23	44.37	3.30	46.74	3.36
	95	33.88	3.11	36.24	3.22	38.60	3.34	39.69	3.38	43.32	3.44	45.68	3.51
	100	33.48	3.24	35.88	3.36	38.27	3.48	39.51	3.52	43.06	3.59	45.45	3.66
	105	33.08	3.37	35.51	3.50	37.94	3.62	39.34	3.67	42.79	3.73	45.22	3.81
	110	32.68	3.50	35.15	3.63	37.61	3.77	39.17	3.81	42.53	3.88	44.99	3.96
	115	32.29	3.64	34.78	3.77	37.27	3.91	39.00	3.95	42.27	4.03	44.76	4.11
	118	32.05	3.72	34.56	3.85	37.07	3.99	38.89	4.04	42.11	4.11	43.69	4.11
	122	31.97	3.82	34.49	3.96	37.01	4.11	38.50	4.11	40.88	4.11	42.42	4.11
37	-4	40.05	2.06	42.54	2.13	45.03	2.21	46.83	2.24	50.00	2.28	52.49	2.33
	0	40.03	2.08	42.52	2.16	45.00	2.24	46.80	2.26	49.98	2.30	52.46	2.35
	5	40.00	2.12	42.48	2.19	44.97	2.27	46.76	2.30	49.94	2.34	52.42	2.39
	10	39.97	2.15	42.45	2.23	44.93	2.31	46.73	2.33	49.90	2.38	52.38	2.42
	14	39.94	2.18	42.42	2.26	44.90	2.34	46.69	2.37	49.86	2.41	52.34	2.46
	20	39.91	2.21	42.39	2.29	44.86	2.37	46.65	2.40	49.82	2.45	52.30	2.50
	25	39.88	2.24	42.35	2.32	44.83	2.41	46.62	2.43	49.78	2.48	52.26	2.53
	30	39.85	2.27	42.32	2.35	44.80	2.44	46.58	2.47	49.74	2.52	52.22	2.57
	35	39.82	2.30	42.29	2.39	44.76	2.47	46.55	2.50	49.71	2.55	52.18	2.60
	40	39.79	2.33	42.26	2.42	44.73	2.51	46.51	2.54	49.67	2.58	52.14	2.64
	45	39.76	2.37	42.22	2.45	44.69	2.54	46.48	2.57	49.63	2.62	52.10	2.67
	50	39.72	2.40	42.19	2.48	44.66	2.58	46.44	2.60	49.59	2.65	52.06	2.71
	55	39.69	2.43	42.16	2.52	44.62	2.61	46.40	2.64	49.55	2.69	52.02	2.74
	60	39.66	2.46	42.13	2.55	44.59	2.64	46.37	2.67	49.52	2.72	51.98	2.78
	65	39.63	2.49	42.09	2.58	44.56	2.68	46.33	2.71	49.48	2.76	51.94	2.81
	70	39.60	2.52	42.06	2.61	44.52	2.71	46.30	2.74	49.44	2.79	51.90	2.85
	75	38.65	2.66	41.10	2.76	43.56	2.86	45.33	2.89	48.46	2.94	50.92	3.00
	80	37.70	2.79	40.14	2.90	42.59	3.00	44.36	3.04	47.49	3.09	49.93	3.16
	85	36.75	2.93	39.19	3.04	41.63	3.15	43.40	3.18	46.52	3.24	48.96	3.31
	90	35.81	3.07	38.24	3.18	40.68	3.29	42.44	3.33	45.55	3.39	47.98	3.46
	95	34.78	3.20	37.21	3.32	39.63	3.44	40.74	3.48	44.48	3.55	46.90	3.62
	100	34.37	3.34	36.83	3.46	39.29	3.59	40.56	3.63	44.20	3.70	46.66	3.77
	105	33.96	3.47	36.46	3.60	38.95	3.73	40.39	3.78	43.93	3.85	46.42	3.92
	110	33.55	3.61	36.08	3.74	38.61	3.88	40.21	3.92	43.66	4.00	46.18	4.08
	115	33.14	3.75	35.71	3.88	38.26	4.03	40.03	4.07	42.99	4.11	44.67	4.11
	118	32.90	3.83	35.48	3.97	38.06	4.11	39.47	4.11	41.92	4.11	43.59	4.11
	122	32.82	3.94	35.41	4.08	36.93	4.11	38.32	4.11	40.71	4.11	42.28	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 43: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	41.09	2.12	43.64	2.20	46.19	2.28	48.04	2.30	51.30	2.35	53.85	2.40
	0	41.07	2.14	43.62	2.22	46.17	2.30	48.01	2.33	51.27	2.37	53.82	2.42
	5	41.03	2.18	43.58	2.26	46.13	2.34	47.97	2.37	51.23	2.41	53.78	2.46
	10	41.00	2.21	43.55	2.29	46.10	2.38	47.94	2.40	51.19	2.45	53.74	2.50
	14	40.97	2.24	43.52	2.33	46.06	2.41	47.90	2.44	51.15	2.48	53.69	2.53
	20	40.94	2.28	43.48	2.36	46.03	2.44	47.86	2.47	51.11	2.52	53.65	2.57
	25	40.91	2.31	43.45	2.39	45.99	2.48	47.83	2.51	51.07	2.55	53.61	2.61
	30	40.88	2.34	43.42	2.43	45.96	2.51	47.79	2.54	51.03	2.59	53.57	2.64
	35	40.85	2.37	43.38	2.46	45.92	2.55	47.75	2.58	50.99	2.63	53.53	2.68
	40	40.82	2.40	43.35	2.49	45.89	2.58	47.72	2.61	50.95	2.66	53.49	2.72
	45	40.78	2.44	43.32	2.53	45.85	2.62	47.68	2.65	50.92	2.70	53.45	2.75
	50	40.75	2.47	43.28	2.56	45.81	2.65	47.64	2.68	50.88	2.73	53.41	2.79
	55	40.72	2.50	43.25	2.59	45.78	2.69	47.61	2.72	50.84	2.77	53.37	2.82
	60	40.69	2.53	43.22	2.63	45.74	2.72	47.57	2.75	50.80	2.80	53.33	2.86
	65	40.66	2.57	43.18	2.66	45.71	2.76	47.53	2.79	50.76	2.84	53.28	2.90
	70	40.63	2.60	43.15	2.69	45.67	2.79	47.50	2.82	50.72	2.88	53.24	2.93
	75	39.65	2.74	42.17	2.84	44.68	2.94	46.50	2.98	49.72	3.03	52.24	3.09
	80	38.67	2.88	41.18	2.98	43.69	3.09	45.51	3.13	48.72	3.19	51.23	3.25
	85	37.70	3.02	40.21	3.13	42.71	3.24	44.52	3.28	47.72	3.34	50.23	3.41
	90	36.73	3.16	39.23	3.27	41.73	3.39	43.54	3.43	46.73	3.50	49.23	3.57
	95	35.68	3.30	38.17	3.42	40.65	3.54	41.80	3.58	45.63	3.65	48.11	3.73
	100	35.26	3.44	37.78	3.56	40.30	3.69	41.61	3.74	45.35	3.81	47.87	3.88
	105	34.84	3.58	37.40	3.71	39.95	3.85	41.43	3.89	45.07	3.96	47.62	4.04
	110	34.42	3.72	37.01	3.85	39.60	4.00	41.25	4.04	44.70	4.11	46.39	4.11
	115	34.00	3.86	36.63	4.00	38.90	4.11	40.31	4.11	42.86	4.11	44.46	4.11
	118	33.75	3.94	36.40	4.09	37.87	4.11	39.26	4.11	41.72	4.11	43.42	4.11
	122	33.67	4.06	35.56	4.11	36.76	4.11	38.15	4.11	40.56	4.11	42.14	4.11
39	-4	42.13	2.18	44.74	2.26	47.36	2.35	49.25	2.37	52.59	2.42	55.21	2.47
	0	42.10	2.21	44.72	2.29	47.33	2.37	49.22	2.40	52.56	2.44	55.18	2.49
	5	42.07	2.24	44.68	2.32	47.30	2.41	49.18	2.44	52.52	2.48	55.13	2.53
	10	42.04	2.28	44.65	2.36	47.26	2.45	49.14	2.47	52.48	2.52	55.09	2.57
	14	42.01	2.31	44.61	2.39	47.22	2.48	49.11	2.51	52.44	2.56	55.05	2.61
	20	41.97	2.34	44.58	2.43	47.19	2.52	49.07	2.55	52.40	2.59	55.01	2.65
	25	41.94	2.38	44.55	2.46	47.15	2.55	49.03	2.58	52.36	2.63	54.97	2.68
	30	41.91	2.41	44.51	2.50	47.12	2.59	48.99	2.62	52.32	2.67	54.92	2.72
	35	41.88	2.44	44.48	2.53	47.08	2.62	48.96	2.65	52.28	2.70	54.88	2.76
	40	41.85	2.48	44.44	2.57	47.04	2.66	48.92	2.69	52.24	2.74	54.84	2.80
	45	41.81	2.51	44.41	2.60	47.01	2.69	48.88	2.73	52.20	2.78	54.80	2.83
	50	41.78	2.54	44.38	2.63	46.97	2.73	48.85	2.76	52.16	2.81	54.76	2.87
	55	41.75	2.57	44.34	2.67	46.94	2.77	48.81	2.80	52.12	2.85	54.71	2.91
	60	41.72	2.61	44.31	2.70	46.90	2.80	48.77	2.83	52.08	2.89	54.67	2.95
	65	41.69	2.64	44.27	2.74	46.86	2.84	48.73	2.87	52.04	2.92	54.63	2.98
	70	41.65	2.67	44.24	2.77	46.83	2.87	48.70	2.91	52.00	2.96	54.59	3.02
	75	40.65	2.82	43.23	2.92	45.81	3.03	47.68	3.06	50.97	3.12	53.55	3.18
	80	39.65	2.96	42.22	3.07	44.80	3.18	46.66	3.22	49.95	3.28	52.52	3.35
	85	38.66	3.11	41.22	3.22	43.79	3.34	45.65	3.38	48.93	3.44	51.49	3.51
	90	37.66	3.25	40.22	3.37	42.78	3.49	44.63	3.53	47.91	3.60	50.47	3.67
	95	36.58	3.40	39.13	3.52	41.68	3.65	42.85	3.69	46.78	3.76	49.33	3.84
	100	36.15	3.54	38.74	3.67	41.32	3.80	42.66	3.85	46.49	3.92	49.08	4.00
	105	35.72	3.68	38.34	3.82	40.96	3.96	42.48	4.00	46.21	4.08	48.27	4.11
	110	35.29	3.83	37.95	3.97	40.60	4.11	41.80	4.11	44.53	4.11	46.24	4.11
	115	34.86	3.97	37.48	4.11	38.76	4.11	40.07	4.11	42.65	4.11	44.26	4.11
	118	34.60	4.06	36.45	4.11	37.75	4.11	39.15	4.11	41.63	4.11	43.26	4.11
	122	34.04	4.11	35.37	4.11	36.60	4.11	38.00	4.11	40.42	4.11	42.02	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 44: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	43.16	2.25	45.85	2.33	48.53	2.41	50.46	2.44	53.89	2.49	56.57	2.54
	0	43.14	2.27	45.82	2.35	48.50	2.44	50.43	2.47	53.86	2.51	56.54	2.56
	5	43.11	2.31	45.78	2.39	48.46	2.48	50.39	2.51	53.81	2.55	56.49	2.61
	10	43.07	2.34	45.75	2.43	48.42	2.52	50.35	2.54	53.77	2.59	56.45	2.64
	14	43.04	2.38	45.71	2.46	48.39	2.55	50.32	2.58	53.73	2.63	56.40	2.68
	20	43.01	2.41	45.68	2.50	48.35	2.59	50.28	2.62	53.69	2.67	56.36	2.72
	25	42.97	2.44	45.64	2.53	48.31	2.63	50.24	2.66	53.65	2.71	56.32	2.76
	30	42.94	2.48	45.61	2.57	48.27	2.66	50.20	2.69	53.61	2.74	56.28	2.80
	35	42.91	2.51	45.57	2.60	48.24	2.70	50.16	2.73	53.57	2.78	56.23	2.84
	40	42.88	2.55	45.54	2.64	48.20	2.74	50.12	2.77	53.53	2.82	56.19	2.88
	45	42.84	2.58	45.50	2.67	48.16	2.77	50.09	2.80	53.49	2.86	56.15	2.91
	50	42.81	2.61	45.47	2.71	48.13	2.81	50.05	2.84	53.44	2.89	56.10	2.95
	55	42.78	2.65	45.43	2.75	48.09	2.85	50.01	2.88	53.40	2.93	56.06	2.99
	60	42.74	2.68	45.40	2.78	48.05	2.88	49.97	2.92	53.36	2.97	56.02	3.03
	65	42.71	2.72	45.36	2.82	48.02	2.92	49.93	2.95	53.32	3.01	55.97	3.07
	70	42.68	2.75	45.33	2.85	47.98	2.96	49.89	2.99	53.28	3.05	55.93	3.11
	75	41.65	2.90	44.30	3.01	46.94	3.12	48.85	3.15	52.23	3.21	54.87	3.27
	80	40.62	3.05	43.26	3.16	45.90	3.27	47.80	3.31	51.17	3.37	53.81	3.44
	85	39.61	3.20	42.24	3.31	44.87	3.43	46.77	3.47	50.13	3.54	52.76	3.61
	90	38.59	3.35	41.21	3.47	43.84	3.59	45.73	3.64	49.09	3.70	51.71	3.78
	95	37.48	3.49	40.10	3.62	42.71	3.75	43.90	3.80	47.93	3.87	50.54	3.95
	100	37.04	3.64	39.69	3.78	42.34	3.91	43.71	3.96	47.64	4.03	50.28	4.11
	105	36.60	3.79	39.29	3.93	41.97	4.07	43.44	4.11	46.35	4.11	48.07	4.11
	110	36.16	3.94	38.88	4.08	40.44	4.11	41.63	4.11	44.37	4.11	45.99	4.11
	115	35.72	4.09	37.32	4.11	38.63	4.11	39.95	4.11	42.45	4.11	44.07	4.11
	118	34.87	4.11	36.31	4.11	37.57	4.11	38.97	4.11	41.46	4.11	43.00	4.11
	122	33.81	4.11	35.26	4.11	36.52	4.11	37.85	4.11	40.19	4.11	41.81	4.11
41	-4	44.20	2.31	46.95	2.39	49.69	2.48	51.67	2.51	55.18	2.56	57.93	2.61
	0	44.18	2.33	46.92	2.42	49.66	2.51	51.65	2.54	55.15	2.58	57.90	2.64
	5	44.14	2.37	46.88	2.46	49.62	2.55	51.60	2.58	55.11	2.63	57.85	2.68
	10	44.11	2.41	46.85	2.50	49.59	2.59	51.56	2.62	55.06	2.67	57.80	2.72
	14	44.07	2.44	46.81	2.53	49.55	2.62	51.52	2.65	55.02	2.70	57.76	2.76
	20	44.04	2.48	46.78	2.57	49.51	2.66	51.49	2.69	54.98	2.74	57.72	2.80
	25	44.01	2.51	46.74	2.61	49.47	2.70	51.45	2.73	54.94	2.78	57.67	2.84
	30	43.97	2.55	46.70	2.64	49.43	2.74	51.41	2.77	54.90	2.82	57.63	2.88
	35	43.94	2.58	46.67	2.68	49.40	2.78	51.37	2.81	54.85	2.86	57.58	2.92
	40	43.91	2.62	46.63	2.71	49.36	2.81	51.33	2.85	54.81	2.90	57.54	2.96
	45	43.87	2.65	46.60	2.75	49.32	2.85	51.29	2.88	54.77	2.94	57.50	3.00
	50	43.84	2.69	46.56	2.79	49.28	2.89	51.25	2.92	54.73	2.98	57.45	3.04
	55	43.80	2.72	46.53	2.82	49.25	2.93	51.21	2.96	54.69	3.02	57.41	3.08
	60	43.77	2.76	46.49	2.86	49.21	2.96	51.17	3.00	54.64	3.05	57.36	3.12
	65	43.74	2.79	46.45	2.90	49.17	3.00	51.13	3.04	54.60	3.09	57.32	3.16
	70	43.70	2.83	46.42	2.93	49.13	3.04	51.09	3.07	54.56	3.13	57.27	3.20
	75	42.65	2.98	45.36	3.09	48.07	3.20	50.02	3.24	53.48	3.30	56.19	3.37
	80	41.60	3.13	44.30	3.25	47.00	3.37	48.95	3.41	52.40	3.47	55.10	3.54
	85	40.56	3.29	43.25	3.41	45.95	3.53	47.89	3.57	51.33	3.64	54.03	3.71
	90	39.52	3.44	42.20	3.57	44.89	3.70	46.83	3.74	50.27	3.81	52.95	3.88
	95	38.38	3.59	41.06	3.72	43.73	3.86	44.96	3.90	49.08	3.98	51.75	4.06
	100	37.93	3.75	40.64	3.88	43.36	4.02	44.76	4.07	48.33	4.11	50.05	4.11
	105	37.48	3.90	40.23	4.04	42.18	4.11	43.22	4.11	46.25	4.11	47.88	4.11
	110	37.03	4.05	38.99	4.11	40.27	4.11	41.47	4.11	44.22	4.11	45.86	4.11
	115	35.81	4.11	37.16	4.11	38.42	4.11	39.75	4.11	42.34	4.11	43.90	4.11
	118	34.79	4.11	36.19	4.11	37.46	4.11	38.80	4.11	41.29	4.11	42.86	4.11
	122	33.69	4.11	35.08	4.11	36.37	4.11	37.71	4.11	40.06	4.11	41.61	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 45: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	45.24	2.37	48.05	2.46	50.86	2.55	52.89	2.58	56.48	2.63	59.29	2.68
	0	45.21	2.40	48.02	2.49	50.83	2.58	52.86	2.61	56.45	2.66	59.25	2.71
	5	45.18	2.44	47.98	2.53	50.79	2.62	52.81	2.65	56.40	2.70	59.20	2.75
	10	45.14	2.47	47.95	2.56	50.75	2.66	52.77	2.69	56.36	2.74	59.16	2.79
	14	45.11	2.51	47.91	2.60	50.71	2.70	52.73	2.73	56.31	2.78	59.11	2.83
	20	45.07	2.55	47.87	2.64	50.67	2.74	52.69	2.77	56.27	2.82	59.07	2.88
	25	45.04	2.58	47.84	2.68	50.63	2.77	52.65	2.81	56.23	2.86	59.02	2.92
	30	45.00	2.62	47.80	2.71	50.59	2.81	52.61	2.85	56.18	2.90	58.98	2.96
	35	44.97	2.65	47.76	2.75	50.56	2.85	52.57	2.88	56.14	2.94	58.93	3.00
	40	44.94	2.69	47.73	2.79	50.52	2.89	52.53	2.92	56.10	2.98	58.89	3.04
	45	44.90	2.73	47.69	2.83	50.48	2.93	52.49	2.96	56.06	3.02	58.84	3.08
	50	44.87	2.76	47.65	2.86	50.44	2.97	52.45	3.00	56.01	3.06	58.80	3.12
	55	44.83	2.80	47.62	2.90	50.40	3.01	52.41	3.04	55.97	3.10	58.75	3.16
	60	44.80	2.83	47.58	2.94	50.36	3.05	52.37	3.08	55.93	3.14	58.71	3.20
	65	44.76	2.87	47.54	2.98	50.32	3.08	52.33	3.12	55.88	3.18	58.66	3.24
	70	44.73	2.91	47.51	3.01	50.28	3.12	52.29	3.16	55.84	3.22	58.62	3.28
	75	43.65	3.06	46.42	3.18	49.19	3.29	51.20	3.33	54.74	3.39	57.51	3.46
	80	42.58	3.22	45.34	3.34	48.10	3.46	50.10	3.50	53.63	3.57	56.40	3.64
	85	41.51	3.38	44.27	3.50	47.02	3.63	49.02	3.67	52.54	3.74	55.30	3.81
	90	40.44	3.53	43.19	3.66	45.94	3.80	47.93	3.84	51.44	3.91	54.20	3.99
	95	39.28	3.69	42.02	3.83	44.76	3.97	46.01	4.01	50.23	4.09	52.23	4.11
	100	38.82	3.85	41.60	3.99	44.18	4.11	45.06	4.11	48.20	4.11	49.82	4.11
	105	38.36	4.00	40.79	4.11	42.07	4.11	43.11	4.11	46.06	4.11	47.70	4.11
	110	37.46	4.11	38.88	4.11	40.11	4.11	41.31	4.11	43.98	4.11	45.63	4.11
	115	35.63	4.11	37.02	4.11	38.30	4.11	39.64	4.11	42.16	4.11	43.72	4.11
	118	34.65	4.11	36.05	4.11	37.29	4.11	38.63	4.11	41.14	4.11	42.71	4.11
	122	33.57	4.11	34.99	4.11	36.16	4.11	37.58	4.11	39.94	4.11	41.51	4.11
43	-4	46.21	2.43	49.08	2.52	51.95	2.61	54.02	2.64	57.69	2.69	60.56	2.75
	0	46.18	2.46	49.05	2.55	51.92	2.64	53.99	2.67	57.65	2.72	60.52	2.78
	5	46.14	2.50	49.01	2.59	51.88	2.68	53.95	2.72	57.61	2.77	60.47	2.82
	10	46.11	2.54	48.97	2.63	51.84	2.72	53.90	2.76	57.56	2.81	60.43	2.86
	14	46.07	2.57	48.94	2.67	51.80	2.76	53.86	2.80	57.52	2.85	60.38	2.91
	20	46.04	2.61	48.90	2.71	51.76	2.80	53.82	2.84	57.48	2.89	60.33	2.95
	25	46.00	2.65	48.86	2.74	51.72	2.84	53.78	2.88	57.43	2.93	60.29	2.99
	30	45.97	2.68	48.82	2.78	51.68	2.88	53.74	2.92	57.39	2.97	60.24	3.03
	35	45.93	2.72	48.79	2.82	51.64	2.92	53.70	2.96	57.34	3.01	60.20	3.07
	40	45.90	2.76	48.75	2.86	51.60	2.96	53.66	3.00	57.30	3.05	60.15	3.11
	45	45.86	2.79	48.71	2.90	51.56	3.00	53.62	3.04	57.26	3.09	60.10	3.16
	50	45.83	2.83	48.67	2.94	51.52	3.04	53.58	3.08	57.21	3.14	60.06	3.20
	55	45.79	2.87	48.64	2.97	51.48	3.08	53.53	3.12	57.17	3.18	60.01	3.24
	60	45.76	2.91	48.60	3.01	51.44	3.12	53.49	3.16	57.12	3.22	59.97	3.28
	65	45.72	2.94	48.56	3.05	51.40	3.16	53.45	3.20	57.08	3.26	59.92	3.32
	70	45.69	2.98	48.52	3.09	51.36	3.20	53.41	3.24	57.04	3.30	59.87	3.37
	75	44.59	3.14	47.42	3.26	50.25	3.37	52.29	3.41	55.91	3.48	58.74	3.55
	80	43.49	3.30	46.31	3.42	49.14	3.55	51.17	3.59	54.78	3.65	57.61	3.73
	85	42.40	3.46	45.22	3.59	48.03	3.72	50.07	3.76	53.66	3.83	56.48	3.91
	90	41.31	3.62	44.12	3.76	46.93	3.89	48.96	3.94	52.55	4.01	55.36	4.09
	95	40.13	3.78	42.92	3.92	45.72	4.06	47.00	4.11	50.35	4.11	52.10	4.11
	100	39.65	3.94	42.49	4.09	43.95	4.11	44.86	4.11	47.99	4.11	49.74	4.11
	105	39.18	4.11	40.69	4.11	41.89	4.11	42.95	4.11	45.90	4.11	47.47	4.11
	110	37.28	4.11	38.72	4.11	39.99	4.11	41.11	4.11	43.88	4.11	45.45	4.11
	115	35.50	4.11	36.90	4.11	38.13	4.11	39.48	4.11	42.01	4.11	43.60	4.11
	118	34.52	4.11	35.89	4.11	37.15	4.11	38.50	4.11	40.93	4.11	42.52	4.11
	122	33.48	4.11	34.85	4.11	36.05	4.11	37.40	4.11	39.76	4.11	41.35	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 46: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	46.21	2.43	49.08	2.52	51.95	2.61	54.02	2.64	57.69	2.69	60.56	2.75
	0	46.18	2.46	49.05	2.55	51.92	2.64	53.99	2.67	57.65	2.72	60.52	2.78
	5	46.14	2.50	49.01	2.59	51.88	2.68	53.95	2.72	57.61	2.77	60.47	2.82
	10	46.11	2.54	48.97	2.63	51.84	2.72	53.90	2.76	57.56	2.81	60.43	2.86
	14	46.07	2.57	48.94	2.67	51.80	2.76	53.86	2.80	57.52	2.85	60.38	2.91
	20	46.04	2.61	48.90	2.71	51.76	2.80	53.82	2.84	57.48	2.89	60.33	2.95
	25	46.00	2.65	48.86	2.74	51.72	2.84	53.78	2.88	57.43	2.93	60.29	2.99
	30	45.97	2.68	48.82	2.78	51.68	2.88	53.74	2.92	57.39	2.97	60.24	3.03
	35	45.93	2.72	48.79	2.82	51.64	2.92	53.70	2.96	57.34	3.01	60.20	3.07
	40	45.90	2.76	48.75	2.86	51.60	2.96	53.66	3.00	57.30	3.05	60.15	3.11
	45	45.86	2.79	48.71	2.90	51.56	3.00	53.62	3.04	57.26	3.09	60.10	3.16
	50	45.83	2.83	48.67	2.94	51.52	3.04	53.58	3.08	57.21	3.14	60.06	3.20
	55	45.79	2.87	48.64	2.97	51.48	3.08	53.53	3.12	57.17	3.18	60.01	3.24
	60	45.76	2.91	48.60	3.01	51.44	3.12	53.49	3.16	57.12	3.22	59.97	3.28
	65	45.72	2.94	48.56	3.05	51.40	3.16	53.45	3.20	57.08	3.26	59.92	3.32
	70	45.69	2.98	48.52	3.09	51.36	3.20	53.41	3.24	57.04	3.30	59.87	3.37
	75	44.59	3.14	47.42	3.26	50.25	3.37	52.29	3.41	55.91	3.48	58.74	3.55
	80	43.49	3.30	46.31	3.42	49.14	3.55	51.17	3.59	54.78	3.65	57.61	3.73
	85	42.40	3.46	45.22	3.59	48.03	3.72	50.07	3.76	53.66	3.83	56.48	3.91
	90	41.31	3.62	44.12	3.76	46.93	3.89	48.96	3.94	52.55	4.01	55.36	4.09
	95	40.13	3.78	42.92	3.92	45.72	4.06	47.00	4.11	50.35	4.11	52.10	4.11
	100	39.65	3.94	42.49	4.09	43.95	4.11	44.86	4.11	47.99	4.11	49.74	4.11
45	105	39.18	4.11	40.69	4.11	41.89	4.11	42.95	4.11	45.90	4.11	47.47	4.11
	110	37.28	4.11	38.72	4.11	39.99	4.11	41.11	4.11	43.88	4.11	45.45	4.11
	115	35.50	4.11	36.90	4.11	38.13	4.11	39.48	4.11	42.01	4.11	43.60	4.11
	118	34.52	4.11	35.89	4.11	37.15	4.11	38.50	4.11	40.93	4.11	42.52	4.11
	122	33.48	4.11	34.85	4.11	36.05	4.11	37.40	4.11	39.76	4.11	41.35	4.11
	-4	46.21	2.43	49.08	2.52	51.95	2.61	54.02	2.64	57.69	2.69	60.56	2.75
	0	46.18	2.46	49.05	2.55	51.92	2.64	53.99	2.67	57.65	2.72	60.52	2.78
	5	46.14	2.50	49.01	2.59	51.88	2.68	53.95	2.72	57.61	2.77	60.47	2.82
	10	46.11	2.54	48.97	2.63	51.84	2.72	53.90	2.76	57.56	2.81	60.43	2.86
	14	46.07	2.57	48.94	2.67	51.80	2.76	53.86	2.80	57.52	2.85	60.38	2.91
	20	46.04	2.61	48.90	2.71	51.76	2.80	53.82	2.84	57.48	2.89	60.33	2.95
	25	46.00	2.65	48.86	2.74	51.72	2.84	53.78	2.88	57.43	2.93	60.29	2.99
	30	45.97	2.68	48.82	2.78	51.68	2.88	53.74	2.92	57.39	2.97	60.24	3.03
	35	45.93	2.72	48.79	2.82	51.64	2.92	53.70	2.96	57.34	3.01	60.20	3.07
	40	45.90	2.76	48.75	2.86	51.60	2.96	53.66	3.00	57.30	3.05	60.15	3.11
	45	45.86	2.79	48.71	2.90	51.56	3.00	53.62	3.04	57.26	3.09	60.10	3.16
	50	45.83	2.83	48.67	2.94	51.52	3.04	53.58	3.08	57.21	3.14	60.06	3.20
	55	45.79	2.87	48.64	2.97	51.48	3.08	53.53	3.12	57.17	3.18	60.01	3.24
	60	45.76	2.91	48.60	3.01	51.44	3.12	53.49	3.16	57.12	3.22	59.97	3.28
	65	45.72	2.94	48.56	3.05	51.40	3.16	53.45	3.20	57.08	3.26	59.92	3.32
	70	45.69	2.98	48.52	3.09	51.36	3.20	53.41	3.24	57.04	3.30	59.87	3.37
	75	44.59	3.14	47.42	3.26	50.25	3.37	52.29	3.41	55.91	3.48	58.74	3.55
	80	43.49	3.30	46.31	3.42	49.14	3.55	51.17	3.59	54.78	3.65	57.61	3.73
	85	42.40	3.46	45.22	3.59	48.03	3.72	50.07	3.76	53.66	3.83	56.48	3.91
	90	41.31	3.62	44.12	3.76	46.93	3.89	48.96	3.94	52.55	4.01	55.36	4.09
	95	40.13	3.78	42.92	3.92	45.72	4.06	47.00	4.11	50.35	4.11	52.10	4.11
	100	39.65	3.94	42.49	4.09	43.95	4.11	44.86	4.11	47.99	4.11	49.74	4.11
	105	39.18	4.11	40.69	4.11	41.89	4.11	42.95	4.11	45.90	4.11	47.47	4.11
	110	37.28	4.11	38.72	4.11	39.99	4.11	41.11	4.11	43.88	4.11	45.45	4.11
	115	35.50	4.11	36.90	4.11	38.13	4.11	39.48	4.11	42.01	4.11	43.60	4.11
	118	34.52	4.11	35.89	4.11	37.15	4.11	38.50	4.11	40.93	4.11	42.52	4.11
	122	33.48	4.11	34.85	4.11	36.05	4.11	37.40	4.11	39.76	4.11	41.35	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA361A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 47: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	46.21	2.43	49.08	2.52	51.95	2.61	54.02	2.64	57.69	2.69	60.56	2.75
	0	46.18	2.46	49.05	2.55	51.92	2.64	53.99	2.67	57.65	2.72	60.52	2.78
	5	46.14	2.50	49.01	2.59	51.88	2.68	53.95	2.72	57.61	2.77	60.47	2.82
	10	46.11	2.54	48.97	2.63	51.84	2.72	53.90	2.76	57.56	2.81	60.43	2.86
	14	46.07	2.57	48.94	2.67	51.80	2.76	53.86	2.80	57.52	2.85	60.38	2.91
	20	46.04	2.61	48.90	2.71	51.76	2.80	53.82	2.84	57.48	2.89	60.33	2.95
	25	46.00	2.65	48.86	2.74	51.72	2.84	53.78	2.88	57.43	2.93	60.29	2.99
	30	45.97	2.68	48.82	2.78	51.68	2.88	53.74	2.92	57.39	2.97	60.24	3.03
	35	45.93	2.72	48.79	2.82	51.64	2.92	53.70	2.96	57.34	3.01	60.20	3.07
	40	45.90	2.76	48.75	2.86	51.60	2.96	53.66	3.00	57.30	3.05	60.15	3.11
	45	45.86	2.79	48.71	2.90	51.56	3.00	53.62	3.04	57.26	3.09	60.10	3.16
	50	45.83	2.83	48.67	2.94	51.52	3.04	53.58	3.08	57.21	3.14	60.06	3.20
	55	45.79	2.87	48.64	2.97	51.48	3.08	53.53	3.12	57.17	3.18	60.01	3.24
	60	45.76	2.91	48.60	3.01	51.44	3.12	53.49	3.16	57.12	3.22	59.97	3.28
	65	45.72	2.94	48.56	3.05	51.40	3.16	53.45	3.20	57.08	3.26	59.92	3.32
	70	45.69	2.98	48.52	3.09	51.36	3.20	53.41	3.24	57.04	3.30	59.87	3.37
	75	44.59	3.14	47.42	3.26	50.25	3.37	52.29	3.41	55.91	3.48	58.74	3.55
	80	43.49	3.30	46.31	3.42	49.14	3.55	51.17	3.59	54.78	3.65	57.61	3.73
	85	42.40	3.46	45.22	3.59	48.03	3.72	50.07	3.76	53.66	3.83	56.48	3.91
	90	41.31	3.62	44.12	3.76	46.93	3.89	48.96	3.94	52.55	4.01	55.36	4.09
	95	40.13	3.78	42.92	3.92	45.72	4.06	47.00	4.11	50.35	4.11	52.10	4.11
	100	39.65	3.94	42.49	4.09	43.95	4.11	44.86	4.11	47.99	4.11	49.74	4.11
	105	39.18	4.11	40.69	4.11	41.89	4.11	42.95	4.11	45.90	4.11	47.47	4.11
	110	37.28	4.11	38.72	4.11	39.99	4.11	41.11	4.11	43.88	4.11	45.45	4.11
	115	35.50	4.11	36.90	4.11	38.13	4.11	39.48	4.11	42.01	4.11	43.60	4.11
	118	34.52	4.11	35.89	4.11	37.15	4.11	38.50	4.11	40.93	4.11	42.52	4.11
	122	33.48	4.11	34.85	4.11	36.05	4.11	37.40	4.11	39.76	4.11	41.35	4.11
47	-4	46.21	2.43	49.08	2.52	51.95	2.61	54.02	2.64	57.69	2.69	60.56	2.75
	0	46.18	2.46	49.05	2.55	51.92	2.64	53.99	2.67	57.65	2.72	60.52	2.78
	5	46.14	2.50	49.01	2.59	51.88	2.68	53.95	2.72	57.61	2.77	60.47	2.82
	10	46.11	2.54	48.97	2.63	51.84	2.72	53.90	2.76	57.56	2.81	60.43	2.86
	14	46.07	2.57	48.94	2.67	51.80	2.76	53.86	2.80	57.52	2.85	60.38	2.91
	20	46.04	2.61	48.90	2.71	51.76	2.80	53.82	2.84	57.48	2.89	60.33	2.95
	25	46.00	2.65	48.86	2.74	51.72	2.84	53.78	2.88	57.43	2.93	60.29	2.99
	30	45.97	2.68	48.82	2.78	51.68	2.88	53.74	2.92	57.39	2.97	60.24	3.03
	35	45.93	2.72	48.79	2.82	51.64	2.92	53.70	2.96	57.34	3.01	60.20	3.07
	40	45.90	2.76	48.75	2.86	51.60	2.96	53.66	3.00	57.30	3.05	60.15	3.11
	45	45.86	2.79	48.71	2.90	51.56	3.00	53.62	3.04	57.26	3.09	60.10	3.16
	50	45.83	2.83	48.67	2.94	51.52	3.04	53.58	3.08	57.21	3.14	60.06	3.20
	55	45.79	2.87	48.64	2.97	51.48	3.08	53.53	3.12	57.17	3.18	60.01	3.24
	60	45.76	2.91	48.60	3.01	51.44	3.12	53.49	3.16	57.12	3.22	59.97	3.28
	65	45.72	2.94	48.56	3.05	51.40	3.16	53.45	3.20	57.08	3.26	59.92	3.32
	70	45.69	2.98	48.52	3.09	51.36	3.20	53.41	3.24	57.04	3.30	59.87	3.37
	75	44.59	3.14	47.42	3.26	50.25	3.37	52.29	3.41	55.91	3.48	58.74	3.55
	80	43.49	3.30	46.31	3.42	49.14	3.55	51.17	3.59	54.78	3.65	57.61	3.73
	85	42.40	3.46	45.22	3.59	48.03	3.72	50.07	3.76	53.66	3.83	56.48	3.91
	90	41.31	3.62	44.12	3.76	46.93	3.89	48.96	3.94	52.55	4.01	55.36	4.09
	95	40.13	3.78	42.92	3.92	45.72	4.06	47.00	4.11	50.35	4.11	52.10	4.11
	100	39.65	3.94	42.49	4.09	43.95	4.11	44.86	4.11	47.99	4.11	49.74	4.11
	105	39.18	4.11	40.69	4.11	41.89	4.11	42.95	4.11	45.90	4.11	47.47	4.11
	110	37.28	4.11	38.72	4.11	39.99	4.11	41.11	4.11	43.88	4.11	45.45	4.11
	115	35.50	4.11	36.90	4.11	38.13	4.11	39.48	4.11	42.01	4.11	43.60	4.11
	118	34.52	4.11	35.89	4.11	37.15	4.11	38.50	4.11	40.93	4.11	42.52	4.11
	122	33.48	4.11	34.85	4.11	36.05	4.11	37.40	4.11	39.76	4.11	41.35	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 48: KUMXA361A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	46.21	2.43	49.08	2.52	51.95	2.61	54.02	2.64	57.69	2.69	60.56	2.75
	0	46.18	2.46	49.05	2.55	51.92	2.64	53.99	2.67	57.65	2.72	60.52	2.78
	5	46.14	2.50	49.01	2.59	51.88	2.68	53.95	2.72	57.61	2.77	60.47	2.82
	10	46.11	2.54	48.97	2.63	51.84	2.72	53.90	2.76	57.56	2.81	60.43	2.86
	14	46.07	2.57	48.94	2.67	51.80	2.76	53.86	2.80	57.52	2.85	60.38	2.91
	20	46.04	2.61	48.90	2.71	51.76	2.80	53.82	2.84	57.48	2.89	60.33	2.95
	25	46.00	2.65	48.86	2.74	51.72	2.84	53.78	2.88	57.43	2.93	60.29	2.99
	30	45.97	2.68	48.82	2.78	51.68	2.88	53.74	2.92	57.39	2.97	60.24	3.03
	35	45.93	2.72	48.79	2.82	51.64	2.92	53.70	2.96	57.34	3.01	60.20	3.07
	40	45.90	2.76	48.75	2.86	51.60	2.96	53.66	3.00	57.30	3.05	60.15	3.11
	45	45.86	2.79	48.71	2.90	51.56	3.00	53.62	3.04	57.26	3.09	60.10	3.16
	50	45.83	2.83	48.67	2.94	51.52	3.04	53.58	3.08	57.21	3.14	60.06	3.20
	55	45.79	2.87	48.64	2.97	51.48	3.08	53.53	3.12	57.17	3.18	60.01	3.24
	60	45.76	2.91	48.60	3.01	51.44	3.12	53.49	3.16	57.12	3.22	59.97	3.28
	65	45.72	2.94	48.56	3.05	51.40	3.16	53.45	3.20	57.08	3.26	59.92	3.32
	70	45.69	2.98	48.52	3.09	51.36	3.20	53.41	3.24	57.04	3.30	59.87	3.37
	75	44.59	3.14	47.42	3.26	50.25	3.37	52.29	3.41	55.91	3.48	58.74	3.55
	80	43.49	3.30	46.31	3.42	49.14	3.55	51.17	3.59	54.78	3.65	57.61	3.73
	85	42.40	3.46	45.22	3.59	48.03	3.72	50.07	3.76	53.66	3.83	56.48	3.91
	90	41.31	3.62	44.12	3.76	46.93	3.89	48.96	3.94	52.55	4.01	55.36	4.09
	95	40.13	3.78	42.92	3.92	45.72	4.06	47.00	4.11	50.35	4.11	52.10	4.11
	100	39.65	3.94	42.49	4.09	43.95	4.11	44.86	4.11	47.99	4.11	49.74	4.11
	105	39.18	4.11	40.69	4.11	41.89	4.11	42.95	4.11	45.90	4.11	47.47	4.11
	110	37.28	4.11	38.72	4.11	39.99	4.11	41.11	4.11	43.88	4.11	45.45	4.11
	115	35.50	4.11	36.90	4.11	38.13	4.11	39.48	4.11	42.01	4.11	43.60	4.11
	118	34.52	4.11	35.89	4.11	37.15	4.11	38.50	4.11	40.93	4.11	42.52	4.11
	122	33.48	4.11	34.85	4.11	36.05	4.11	37.40	4.11	39.76	4.11	41.35	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 49: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	20.35	0.96	21.61	0.99	22.88	1.03	23.79	1.04	25.41	1.06	26.67	1.08
	0	20.34	0.97	21.60	1.00	22.87	1.04	23.78	1.05	25.39	1.07	26.66	1.09
	5	20.32	0.98	21.59	1.02	22.85	1.06	23.76	1.07	25.37	1.09	26.63	1.11
	10	20.31	1.00	21.57	1.03	22.83	1.07	23.74	1.08	25.35	1.10	26.61	1.13
	14	20.29	1.01	21.55	1.05	22.81	1.09	23.72	1.10	25.33	1.12	26.59	1.14
	20	20.28	1.03	21.54	1.06	22.80	1.10	23.70	1.12	25.31	1.14	26.57	1.16
	25	20.26	1.04	21.52	1.08	22.78	1.12	23.69	1.13	25.29	1.15	26.55	1.18
	30	20.25	1.06	21.50	1.09	22.76	1.13	23.67	1.15	25.28	1.17	26.53	1.19
	35	20.23	1.07	21.49	1.11	22.74	1.15	23.65	1.16	25.26	1.18	26.51	1.21
	40	20.21	1.08	21.47	1.12	22.73	1.17	23.63	1.18	25.24	1.20	26.49	1.23
	45	20.20	1.10	21.45	1.14	22.71	1.18	23.61	1.19	25.22	1.22	26.47	1.24
	50	20.18	1.11	21.44	1.15	22.69	1.20	23.60	1.21	25.20	1.23	26.45	1.26
	55	20.17	1.13	21.42	1.17	22.67	1.21	23.58	1.23	25.18	1.25	26.43	1.27
	60	20.15	1.14	21.40	1.18	22.66	1.23	23.56	1.24	25.16	1.27	26.41	1.29
	65	20.14	1.16	21.39	1.20	22.64	1.24	23.54	1.26	25.14	1.28	26.39	1.31
	70	20.12	1.17	21.37	1.21	22.62	1.26	23.52	1.27	25.12	1.30	26.37	1.32
	75	19.64	1.24	20.88	1.28	22.13	1.33	23.03	1.34	24.62	1.37	25.87	1.39
	80	19.15	1.30	20.40	1.35	21.64	1.39	22.54	1.41	24.13	1.44	25.37	1.47
	85	18.67	1.36	19.91	1.41	21.15	1.46	22.05	1.48	23.64	1.51	24.88	1.54
	90	18.19	1.42	19.43	1.48	20.67	1.53	21.56	1.55	23.14	1.58	24.38	1.61
	95	17.67	1.49	18.90	1.54	20.14	1.60	20.70	1.62	22.60	1.65	23.83	1.68
	100	17.46	1.55	18.71	1.61	19.96	1.67	20.61	1.69	22.46	1.72	23.71	1.75
	105	17.26	1.61	18.52	1.67	19.79	1.73	20.52	1.75	22.32	1.79	23.59	1.82
	110	17.05	1.68	18.33	1.74	19.62	1.80	20.43	1.82	22.18	1.86	23.47	1.89
	115	16.84	1.74	18.14	1.80	19.44	1.87	20.34	1.89	22.05	1.93	23.35	1.97
	118	16.72	1.78	18.03	1.84	19.34	1.91	20.29	1.93	21.96	1.97	23.27	2.01
	122	16.67	1.83	17.99	1.90	19.30	1.97	20.27	1.99	21.94	2.03	23.25	2.07
19	-4	21.39	1.01	22.72	1.05	24.04	1.08	25.00	1.10	26.70	1.12	28.03	1.14
	0	21.38	1.02	22.70	1.06	24.03	1.10	24.99	1.11	26.69	1.13	28.01	1.15
	5	21.36	1.04	22.69	1.07	24.01	1.11	24.97	1.13	26.66	1.15	27.99	1.17
	10	21.34	1.05	22.67	1.09	23.99	1.13	24.95	1.14	26.64	1.16	27.97	1.19
	14	21.33	1.07	22.65	1.11	23.98	1.15	24.93	1.16	26.62	1.18	27.95	1.21
	20	21.31	1.08	22.63	1.12	23.96	1.16	24.91	1.18	26.60	1.20	27.93	1.22
	25	21.29	1.10	22.62	1.14	23.94	1.18	24.89	1.19	26.58	1.22	27.91	1.24
	30	21.28	1.11	22.60	1.15	23.92	1.20	24.87	1.21	26.56	1.23	27.88	1.26
	35	21.26	1.13	22.58	1.17	23.90	1.21	24.86	1.23	26.54	1.25	27.86	1.27
	40	21.24	1.14	22.56	1.19	23.88	1.23	24.84	1.24	26.52	1.27	27.84	1.29
	45	21.23	1.16	22.55	1.20	23.87	1.25	24.82	1.26	26.50	1.28	27.82	1.31
	50	21.21	1.17	22.53	1.22	23.85	1.26	24.80	1.28	26.48	1.30	27.80	1.33
	55	21.20	1.19	22.51	1.23	23.83	1.28	24.78	1.29	26.46	1.32	27.78	1.34
	60	21.18	1.21	22.50	1.25	23.81	1.29	24.76	1.31	26.44	1.33	27.76	1.36
	65	21.16	1.22	22.48	1.27	23.79	1.31	24.74	1.33	26.42	1.35	27.74	1.38
	70	21.15	1.24	22.46	1.28	23.77	1.33	24.72	1.34	26.40	1.37	27.71	1.40
	75	20.64	1.30	21.95	1.35	23.26	1.40	24.20	1.42	25.88	1.44	27.19	1.47
	80	20.13	1.37	21.44	1.42	22.74	1.47	23.69	1.49	25.36	1.52	26.66	1.55
	85	19.63	1.44	20.93	1.49	22.23	1.54	23.17	1.56	24.84	1.59	26.14	1.62
	90	19.12	1.50	20.42	1.56	21.72	1.61	22.66	1.63	24.32	1.66	25.62	1.70
	95	18.57	1.57	19.87	1.63	21.16	1.69	21.75	1.71	23.75	1.74	25.04	1.77
	100	18.35	1.64	19.67	1.70	20.98	1.76	21.66	1.78	23.60	1.81	24.92	1.85
	105	18.14	1.70	19.47	1.76	20.80	1.83	21.57	1.85	23.46	1.88	24.79	1.92
	110	17.92	1.77	19.27	1.83	20.61	1.90	21.47	1.92	23.31	1.96	24.66	2.00
	115	17.70	1.84	19.07	1.90	20.43	1.97	21.38	2.00	23.17	2.03	24.54	2.07
	118	17.57	1.88	18.95	1.94	20.32	2.02	21.32	2.04	23.08	2.08	24.46	2.12
	122	17.52	1.93	18.91	2.00	20.29	2.07	21.30	2.10	23.05	2.14	24.43	2.18

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 50: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	22.42	1.06	23.82	1.10	25.21	1.14	26.22	1.15	28.00	1.17	29.39	1.20
	0	22.41	1.07	23.80	1.11	25.20	1.15	26.20	1.17	27.98	1.19	29.37	1.21
	5	22.39	1.09	23.79	1.13	25.18	1.17	26.18	1.18	27.96	1.21	29.35	1.23
	10	22.38	1.11	23.77	1.15	25.16	1.19	26.16	1.20	27.94	1.22	29.33	1.25
	14	22.36	1.12	23.75	1.16	25.14	1.21	26.14	1.22	27.91	1.24	29.30	1.27
	20	22.34	1.14	23.73	1.18	25.12	1.22	26.12	1.24	27.89	1.26	29.28	1.29
	25	22.33	1.15	23.71	1.20	25.10	1.24	26.10	1.25	27.87	1.28	29.26	1.30
	30	22.31	1.17	23.69	1.21	25.08	1.26	26.08	1.27	27.85	1.30	29.24	1.32
	35	22.29	1.19	23.68	1.23	25.06	1.28	26.06	1.29	27.83	1.31	29.21	1.34
	40	22.27	1.20	23.66	1.25	25.04	1.29	26.04	1.31	27.81	1.33	29.19	1.36
	45	22.26	1.22	23.64	1.26	25.02	1.31	26.02	1.33	27.79	1.35	29.17	1.38
	50	22.24	1.24	23.62	1.28	25.00	1.33	26.00	1.34	27.77	1.37	29.15	1.40
	55	22.22	1.25	23.60	1.30	24.98	1.34	25.98	1.36	27.74	1.39	29.12	1.41
	60	22.21	1.27	23.59	1.31	24.96	1.36	25.96	1.38	27.72	1.40	29.10	1.43
	65	22.19	1.28	23.57	1.33	24.95	1.38	25.94	1.40	27.70	1.42	29.08	1.45
	70	22.17	1.30	23.55	1.35	24.93	1.40	25.92	1.41	27.68	1.44	29.06	1.47
	75	21.64	1.37	23.01	1.42	24.39	1.47	25.38	1.49	27.13	1.52	28.51	1.55
	80	21.11	1.44	22.48	1.49	23.85	1.55	24.84	1.57	26.59	1.59	27.96	1.63
	85	20.58	1.51	21.94	1.57	23.31	1.62	24.30	1.64	26.04	1.67	27.41	1.71
	90	20.05	1.58	21.41	1.64	22.77	1.70	23.76	1.72	25.50	1.75	26.86	1.78
	95	19.47	1.65	20.83	1.71	22.19	1.77	22.81	1.79	24.90	1.83	26.26	1.86
	100	19.24	1.72	20.62	1.78	22.00	1.85	22.71	1.87	24.75	1.91	26.12	1.94
	105	19.02	1.79	20.41	1.86	21.81	1.92	22.61	1.95	24.60	1.98	25.99	2.02
21	110	18.79	1.86	20.20	1.93	21.61	2.00	22.51	2.02	24.44	2.06	25.86	2.10
	115	18.56	1.93	19.99	2.00	21.42	2.07	22.41	2.10	24.29	2.14	25.72	2.18
	118	18.42	1.97	19.86	2.05	21.31	2.12	22.35	2.14	24.20	2.18	25.64	2.23
	122	18.37	2.03	19.82	2.10	21.27	2.18	22.33	2.21	24.17	2.25	25.62	2.29
	-4	23.46	1.11	24.92	1.15	26.38	1.20	27.43	1.21	29.29	1.23	30.75	1.26
	0	23.45	1.13	24.91	1.17	26.36	1.21	27.41	1.22	29.27	1.25	30.73	1.27
	5	23.43	1.14	24.88	1.19	26.34	1.23	27.39	1.24	29.25	1.27	30.71	1.29
	10	23.41	1.16	24.87	1.20	26.32	1.25	27.37	1.26	29.23	1.29	30.68	1.31
	14	23.39	1.18	24.85	1.22	26.30	1.27	27.35	1.28	29.21	1.30	30.66	1.33
	20	23.38	1.20	24.83	1.24	26.28	1.28	27.33	1.30	29.18	1.32	30.64	1.35
	25	23.36	1.21	24.81	1.26	26.26	1.30	27.31	1.32	29.16	1.34	30.61	1.37
	30	23.34	1.23	24.79	1.27	26.24	1.32	27.29	1.34	29.14	1.36	30.59	1.39
	35	23.32	1.25	24.77	1.29	26.22	1.34	27.27	1.35	29.12	1.38	30.56	1.41
	40	23.30	1.26	24.75	1.31	26.20	1.36	27.24	1.37	29.09	1.40	30.54	1.43
	45	23.29	1.28	24.73	1.33	26.18	1.38	27.22	1.39	29.07	1.42	30.52	1.45
	50	23.27	1.30	24.71	1.34	26.16	1.39	27.20	1.41	29.05	1.44	30.49	1.46
	55	23.25	1.31	24.70	1.36	26.14	1.41	27.18	1.43	29.03	1.45	30.47	1.48
	60	23.23	1.33	24.68	1.38	26.12	1.43	27.16	1.45	29.01	1.47	30.45	1.50
	65	23.22	1.35	24.66	1.40	26.10	1.45	27.14	1.46	28.98	1.49	30.42	1.52
	70	23.20	1.36	24.64	1.41	26.08	1.47	27.12	1.48	28.96	1.51	30.40	1.54
	75	22.64	1.44	24.08	1.49	25.51	1.55	26.55	1.56	28.39	1.59	29.83	1.62
	80	22.08	1.51	23.51	1.57	24.95	1.62	25.98	1.64	27.82	1.67	29.25	1.71
	85	21.53	1.59	22.96	1.64	24.39	1.70	25.42	1.72	27.25	1.76	28.68	1.79
	90	20.97	1.66	22.40	1.72	23.83	1.78	24.86	1.80	26.68	1.84	28.11	1.87
	95	20.37	1.73	21.79	1.80	23.21	1.86	23.86	1.88	26.05	1.92	27.47	1.96
	100	20.13	1.81	21.57	1.87	23.01	1.94	23.76	1.96	25.89	2.00	27.33	2.04
	105	19.89	1.88	21.35	1.95	22.81	2.02	23.66	2.04	25.73	2.08	27.19	2.12
	110	19.65	1.95	21.13	2.02	22.61	2.10	23.55	2.12	25.57	2.16	27.05	2.21
	115	19.41	2.03	20.92	2.10	22.41	2.18	23.45	2.20	25.42	2.24	26.91	2.29
	118	19.27	2.07	20.78	2.15	22.29	2.23	23.39	2.25	25.32	2.29	26.83	2.34
	122	19.22	2.13	20.74	2.21	22.25	2.29	23.37	2.32	25.29	2.36	26.80	2.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 51: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	24.50	1.17	26.02	1.21	27.54	1.25	28.64	1.27	30.58	1.29	32.11	1.32
	0	24.49	1.18	26.01	1.22	27.53	1.27	28.63	1.28	30.57	1.31	32.09	1.33
	5	24.47	1.20	25.98	1.24	27.50	1.29	28.60	1.30	30.54	1.33	32.06	1.35
	10	24.45	1.22	25.96	1.26	27.48	1.31	28.58	1.32	30.52	1.35	32.04	1.37
	14	24.43	1.23	25.95	1.28	27.46	1.33	28.56	1.34	30.50	1.37	32.01	1.39
	20	24.41	1.25	25.93	1.30	27.44	1.35	28.54	1.36	30.47	1.39	31.99	1.41
	25	24.39	1.27	25.91	1.32	27.42	1.36	28.51	1.38	30.45	1.41	31.96	1.43
	30	24.37	1.29	25.89	1.33	27.40	1.38	28.49	1.40	30.43	1.43	31.94	1.45
	35	24.35	1.31	25.87	1.35	27.38	1.40	28.47	1.42	30.40	1.45	31.92	1.47
	40	24.33	1.32	25.85	1.37	27.36	1.42	28.45	1.44	30.38	1.46	31.89	1.49
	45	24.32	1.34	25.83	1.39	27.34	1.44	28.43	1.46	30.36	1.48	31.87	1.51
	50	24.30	1.36	25.81	1.41	27.32	1.46	28.41	1.48	30.33	1.50	31.84	1.53
	55	24.28	1.38	25.79	1.43	27.29	1.48	28.38	1.50	30.31	1.52	31.82	1.55
	60	24.26	1.39	25.77	1.45	27.27	1.50	28.36	1.52	30.29	1.54	31.79	1.57
	65	24.24	1.41	25.75	1.46	27.25	1.52	28.34	1.53	30.26	1.56	31.77	1.59
	70	24.22	1.43	25.73	1.48	27.23	1.54	28.32	1.55	30.24	1.58	31.74	1.61
	75	23.64	1.51	25.14	1.56	26.64	1.62	27.73	1.64	29.64	1.67	31.14	1.70
	80	23.06	1.58	24.55	1.64	26.05	1.70	27.13	1.72	29.05	1.75	30.54	1.79
	85	22.48	1.66	23.97	1.72	25.47	1.78	26.54	1.81	28.45	1.84	29.95	1.88
	90	21.90	1.74	23.39	1.80	24.88	1.87	25.96	1.89	27.86	1.92	29.35	1.96
	95	21.27	1.82	22.76	1.88	24.24	1.95	24.92	1.97	27.20	2.01	28.69	2.05
	100	21.02	1.89	22.53	1.96	24.03	2.03	24.81	2.06	27.04	2.10	28.54	2.14
23	105	20.77	1.97	22.30	2.04	23.82	2.12	24.70	2.14	26.87	2.18	28.39	2.22
	110	20.52	2.05	22.07	2.12	23.61	2.20	24.59	2.22	26.70	2.27	28.25	2.31
	115	20.27	2.12	21.84	2.20	23.40	2.28	24.49	2.31	26.54	2.35	28.10	2.40
	118	20.12	2.17	21.70	2.25	23.28	2.33	24.42	2.36	26.44	2.40	28.02	2.45
	122	20.07	2.23	21.66	2.31	23.24	2.40	24.40	2.43	26.41	2.47	27.99	2.52
	-4	25.54	1.22	27.12	1.27	28.71	1.31	29.85	1.33	31.88	1.35	33.47	1.38
	0	25.52	1.23	27.11	1.28	28.69	1.33	29.84	1.34	31.86	1.37	33.45	1.39
	5	25.50	1.25	27.08	1.30	28.67	1.35	29.81	1.36	31.84	1.39	33.42	1.42
	10	25.48	1.27	27.06	1.32	28.65	1.37	29.79	1.38	31.81	1.41	33.39	1.44
	14	25.46	1.29	27.04	1.34	28.62	1.39	29.77	1.40	31.79	1.43	33.37	1.46
	20	25.44	1.31	27.02	1.36	28.60	1.41	29.74	1.42	31.76	1.45	33.34	1.48
	25	25.42	1.33	27.00	1.38	28.58	1.43	29.72	1.44	31.74	1.47	33.32	1.50
	30	25.40	1.35	26.98	1.40	28.56	1.45	29.70	1.46	31.71	1.49	33.29	1.52
	35	25.38	1.37	26.96	1.42	28.54	1.47	29.68	1.48	31.69	1.51	33.27	1.54
	40	25.36	1.38	26.94	1.43	28.52	1.49	29.65	1.50	31.67	1.53	33.24	1.56
	45	25.35	1.40	26.92	1.45	28.49	1.51	29.63	1.52	31.64	1.55	33.22	1.58
	50	25.33	1.42	26.90	1.47	28.47	1.53	29.61	1.54	31.62	1.57	33.19	1.60
	55	25.31	1.44	26.88	1.49	28.45	1.55	29.59	1.56	31.59	1.59	33.16	1.63
	60	25.29	1.46	26.86	1.51	28.43	1.57	29.56	1.58	31.57	1.61	33.14	1.65
	65	25.27	1.48	26.84	1.53	28.41	1.59	29.54	1.60	31.54	1.63	33.11	1.67
	70	25.25	1.50	26.82	1.55	28.38	1.61	29.52	1.62	31.52	1.66	33.09	1.69
	75	24.64	1.58	26.21	1.63	27.77	1.69	28.90	1.71	30.90	1.74	32.46	1.78
	80	24.03	1.66	25.59	1.72	27.15	1.78	28.28	1.80	30.27	1.83	31.83	1.87
	85	23.43	1.74	24.99	1.80	26.54	1.87	27.67	1.89	29.66	1.92	31.21	1.96
	90	22.83	1.82	24.38	1.88	25.93	1.95	27.06	1.98	29.04	2.01	30.59	2.05
	95	22.18	1.90	23.72	1.97	25.27	2.04	25.97	2.06	28.35	2.10	29.90	2.14
	100	21.91	1.98	23.48	2.05	25.05	2.13	25.86	2.15	28.18	2.19	29.75	2.24
	105	21.65	2.06	23.24	2.14	24.83	2.21	25.75	2.24	28.01	2.28	29.60	2.33
	110	21.39	2.14	23.00	2.22	24.61	2.30	25.64	2.33	27.84	2.37	29.44	2.42
	115	21.13	2.22	22.76	2.30	24.40	2.39	25.52	2.41	27.66	2.46	29.29	2.51
	118	20.97	2.27	22.62	2.35	24.26	2.44	25.45	2.47	27.56	2.51	29.20	2.56
	122	20.92	2.33	22.57	2.42	24.22	2.51	25.43	2.54	27.52	2.58	29.17	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 52: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	26.57	1.27	28.22	1.32	29.87	1.37	31.07	1.39	33.17	1.41	34.82	1.44
	0	26.56	1.29	28.21	1.34	29.86	1.38	31.05	1.40	33.16	1.43	34.81	1.46
	5	26.54	1.31	28.18	1.36	29.83	1.41	31.02	1.42	33.13	1.45	34.78	1.48
	10	26.52	1.33	28.16	1.38	29.81	1.43	31.00	1.44	33.10	1.47	34.75	1.50
	14	26.50	1.35	28.14	1.40	29.79	1.45	30.98	1.47	33.08	1.49	34.72	1.52
	20	26.48	1.37	28.12	1.42	29.76	1.47	30.95	1.49	33.05	1.51	34.70	1.54
	25	26.46	1.39	28.10	1.44	29.74	1.49	30.93	1.51	33.03	1.54	34.67	1.57
	30	26.44	1.41	28.08	1.46	29.72	1.51	30.90	1.53	33.00	1.56	34.64	1.59
	35	26.42	1.43	28.06	1.48	29.70	1.53	30.88	1.55	32.98	1.58	34.62	1.61
	40	26.39	1.44	28.03	1.50	29.67	1.55	30.86	1.57	32.95	1.60	34.59	1.63
	45	26.37	1.46	28.01	1.52	29.65	1.57	30.83	1.59	32.93	1.62	34.56	1.65
	50	26.35	1.48	27.99	1.54	29.63	1.59	30.81	1.61	32.90	1.64	34.54	1.68
	55	26.33	1.50	27.97	1.56	29.61	1.61	30.79	1.63	32.88	1.66	34.51	1.70
	60	26.31	1.52	27.95	1.58	29.58	1.64	30.76	1.65	32.85	1.69	34.49	1.72
	65	26.29	1.54	27.93	1.60	29.56	1.66	30.74	1.68	32.83	1.71	34.46	1.74
	70	26.27	1.56	27.91	1.62	29.54	1.68	30.72	1.70	32.80	1.73	34.43	1.76
	75	25.64	1.65	27.27	1.71	28.90	1.77	30.07	1.79	32.15	1.82	33.78	1.86
	80	25.01	1.73	26.63	1.79	28.26	1.86	29.43	1.88	31.50	1.91	33.13	1.95
	85	24.38	1.81	26.00	1.88	27.62	1.95	28.79	1.97	30.86	2.01	32.48	2.05
	90	23.76	1.90	25.37	1.97	26.99	2.04	28.15	2.06	30.22	2.10	31.83	2.14
	95	23.08	1.98	24.68	2.05	26.29	2.13	27.03	2.15	29.51	2.19	31.11	2.24
	100	22.80	2.07	24.43	2.14	26.06	2.22	26.91	2.25	29.33	2.29	30.96	2.33
	105	22.53	2.15	24.19	2.23	25.84	2.31	26.79	2.34	29.15	2.38	30.80	2.43
	110	22.26	2.23	23.94	2.32	25.61	2.40	26.68	2.43	28.97	2.47	30.64	2.52
	115	21.99	2.32	23.69	2.40	25.39	2.49	26.56	2.52	28.79	2.57	30.48	2.62
	118	21.83	2.37	23.54	2.46	25.25	2.55	26.49	2.58	28.68	2.62	30.39	2.68
	122	21.77	2.44	23.49	2.53	25.20	2.62	26.46	2.65	28.64	2.70	30.36	2.75
25	-4	27.61	1.33	29.32	1.38	31.04	1.43	32.28	1.44	34.47	1.47	36.18	1.50
	0	27.59	1.34	29.31	1.39	31.02	1.44	32.26	1.46	34.45	1.49	36.16	1.52
	5	27.57	1.37	29.28	1.41	31.00	1.47	32.23	1.48	34.42	1.51	36.13	1.54
	10	27.55	1.39	29.26	1.44	30.97	1.49	32.21	1.51	34.40	1.53	36.11	1.56
	14	27.53	1.41	29.24	1.46	30.95	1.51	32.18	1.53	34.37	1.56	36.08	1.59
	20	27.51	1.43	29.22	1.48	30.93	1.53	32.16	1.55	34.34	1.58	36.05	1.61
	25	27.49	1.45	29.20	1.50	30.90	1.55	32.14	1.57	34.32	1.60	36.02	1.63
	30	27.47	1.47	29.17	1.52	30.88	1.58	32.11	1.59	34.29	1.62	36.00	1.66
	35	27.45	1.49	29.15	1.54	30.86	1.60	32.09	1.62	34.26	1.65	35.97	1.68
	40	27.43	1.51	29.13	1.56	30.83	1.62	32.06	1.64	34.24	1.67	35.94	1.70
	45	27.40	1.53	29.11	1.58	30.81	1.64	32.04	1.66	34.21	1.69	35.91	1.72
	50	27.38	1.55	29.08	1.60	30.78	1.66	32.01	1.68	34.19	1.71	35.89	1.75
	55	27.36	1.57	29.06	1.62	30.76	1.68	31.99	1.70	34.16	1.73	35.86	1.77
	60	27.34	1.59	29.04	1.65	30.74	1.71	31.96	1.72	34.13	1.76	35.83	1.79
	65	27.32	1.61	29.02	1.67	30.71	1.73	31.94	1.75	34.11	1.78	35.80	1.82
	70	27.30	1.63	28.99	1.69	30.69	1.75	31.91	1.77	34.08	1.80	35.78	1.84
	75	26.64	1.72	28.33	1.78	30.02	1.84	31.25	1.86	33.41	1.90	35.10	1.94
	80	25.99	1.80	27.67	1.87	29.36	1.94	30.58	1.96	32.73	2.00	34.42	2.04
	85	25.33	1.89	27.02	1.96	28.70	2.03	29.92	2.06	32.07	2.09	33.75	2.14
	90	24.68	1.98	26.36	2.05	28.04	2.13	29.25	2.15	31.40	2.19	33.08	2.23
	95	23.98	2.07	25.65	2.14	27.32	2.22	28.08	2.25	30.66	2.29	32.33	2.33
	100	23.69	2.15	25.39	2.23	27.08	2.31	27.96	2.34	30.47	2.39	32.16	2.43
	105	23.41	2.24	25.13	2.32	26.85	2.41	27.84	2.44	30.28	2.48	32.00	2.53
	110	23.13	2.33	24.87	2.42	26.61	2.50	27.72	2.53	30.10	2.58	31.84	2.63
	115	22.85	2.42	24.61	2.51	26.38	2.60	27.59	2.63	29.91	2.68	31.67	2.73
	118	22.68	2.47	24.46	2.56	26.24	2.65	27.52	2.68	29.80	2.74	31.57	2.79
	122	22.62	2.54	24.41	2.63	26.19	2.73	27.50	2.76	29.76	2.81	31.54	2.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 53: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	28.65	1.38	30.43	1.43	32.20	1.49	33.49	1.50	35.76	1.53	37.54	1.56
	0	28.63	1.40	30.41	1.45	32.19	1.50	33.47	1.52	35.74	1.55	37.52	1.58
	5	28.61	1.42	30.38	1.47	32.16	1.53	33.44	1.54	35.71	1.57	37.49	1.60
	10	28.59	1.44	30.36	1.49	32.14	1.55	33.42	1.57	35.69	1.60	37.46	1.63
	14	28.56	1.46	30.34	1.52	32.11	1.57	33.39	1.59	35.66	1.62	37.43	1.65
	20	28.54	1.48	30.31	1.54	32.09	1.59	33.37	1.61	35.63	1.64	37.41	1.68
	25	28.52	1.51	30.29	1.56	32.06	1.62	33.34	1.64	35.61	1.67	37.38	1.70
	30	28.50	1.53	30.27	1.58	32.04	1.64	33.32	1.66	35.58	1.69	37.35	1.72
	35	28.48	1.55	30.25	1.60	32.01	1.66	33.29	1.68	35.55	1.71	37.32	1.75
	40	28.46	1.57	30.22	1.63	31.99	1.68	33.27	1.70	35.52	1.74	37.29	1.77
	45	28.43	1.59	30.20	1.65	31.96	1.71	33.24	1.73	35.50	1.76	37.26	1.79
	50	28.41	1.61	30.18	1.67	31.94	1.73	33.21	1.75	35.47	1.78	37.23	1.82
	55	28.39	1.63	30.15	1.69	31.92	1.75	33.19	1.77	35.44	1.81	37.21	1.84
	60	28.37	1.65	30.13	1.71	31.89	1.78	33.16	1.80	35.42	1.83	37.18	1.87
	65	28.35	1.67	30.11	1.73	31.87	1.80	33.14	1.82	35.39	1.85	37.15	1.89
	70	28.32	1.69	30.08	1.76	31.84	1.82	33.11	1.84	35.36	1.88	37.12	1.91
	75	27.64	1.79	29.40	1.85	31.15	1.92	32.42	1.94	34.66	1.98	36.42	2.02
	80	26.96	1.88	28.71	1.95	30.46	2.02	31.73	2.04	33.96	2.08	35.71	2.12
	85	26.29	1.97	28.03	2.04	29.78	2.12	31.04	2.14	33.27	2.18	35.02	2.22
	90	25.61	2.06	27.35	2.14	29.09	2.21	30.35	2.24	32.58	2.28	34.32	2.33
	95	24.88	2.15	26.61	2.23	28.34	2.31	29.14	2.34	31.81	2.38	33.54	2.43
	100	24.58	2.24	26.34	2.32	28.10	2.41	29.01	2.44	31.61	2.48	33.37	2.53
	105	24.29	2.33	26.07	2.42	27.86	2.51	28.88	2.54	31.42	2.58	33.20	2.64
	110	24.00	2.43	25.81	2.51	27.61	2.61	28.76	2.64	31.23	2.69	33.03	2.74
	115	23.70	2.52	25.54	2.61	27.37	2.70	28.63	2.74	31.03	2.79	32.86	2.84
	118	23.53	2.57	25.38	2.67	27.22	2.76	28.56	2.80	30.92	2.85	32.76	2.90
	122	23.47	2.65	25.32	2.74	27.17	2.84	28.53	2.87	30.88	2.93	32.73	2.99
27	-4	29.68	1.44	31.53	1.49	33.37	1.55	34.70	1.56	37.06	1.59	38.90	1.62
	0	29.67	1.45	31.51	1.51	33.35	1.56	34.68	1.58	37.04	1.61	38.88	1.64
	5	29.64	1.48	31.48	1.53	33.33	1.59	34.65	1.61	37.01	1.64	38.85	1.67
	10	29.62	1.50	31.46	1.55	33.30	1.61	34.63	1.63	36.98	1.66	38.82	1.69
	14	29.60	1.52	31.44	1.58	33.27	1.63	34.60	1.65	36.95	1.68	38.79	1.72
	20	29.58	1.54	31.41	1.60	33.25	1.66	34.58	1.68	36.92	1.71	38.76	1.74
	25	29.55	1.57	31.39	1.62	33.22	1.68	34.55	1.70	36.89	1.73	38.73	1.77
	30	29.53	1.59	31.36	1.64	33.20	1.70	34.52	1.72	36.87	1.76	38.70	1.79
	35	29.51	1.61	31.34	1.67	33.17	1.73	34.50	1.75	36.84	1.78	38.67	1.82
	40	29.49	1.63	31.32	1.69	33.15	1.75	34.47	1.77	36.81	1.81	38.64	1.84
	45	29.46	1.65	31.29	1.71	33.12	1.78	34.44	1.80	36.78	1.83	38.61	1.87
	50	29.44	1.67	31.27	1.74	33.10	1.80	34.42	1.82	36.75	1.85	38.58	1.89
	55	29.42	1.70	31.24	1.76	33.07	1.82	34.39	1.84	36.73	1.88	38.55	1.92
	60	29.39	1.72	31.22	1.78	33.05	1.85	34.36	1.87	36.70	1.90	38.52	1.94
	65	29.37	1.74	31.20	1.80	33.02	1.87	34.34	1.89	36.67	1.93	38.49	1.96
	70	29.35	1.76	31.17	1.83	33.00	1.89	34.31	1.91	36.64	1.95	38.46	1.99
	75	28.64	1.86	30.46	1.92	32.28	1.99	33.59	2.02	35.92	2.06	37.73	2.10
	80	27.94	1.95	29.75	2.02	31.56	2.10	32.87	2.12	35.19	2.16	37.01	2.20
	85	27.24	2.05	29.05	2.12	30.86	2.20	32.16	2.22	34.47	2.27	36.28	2.31
	90	26.54	2.14	28.34	2.22	30.15	2.30	31.45	2.33	33.76	2.37	35.56	2.42
	95	25.78	2.24	27.57	2.32	29.37	2.40	30.19	2.43	32.96	2.48	34.76	2.53
	100	25.47	2.33	27.30	2.42	29.12	2.51	30.06	2.53	32.76	2.58	34.58	2.63
	105	25.17	2.43	27.02	2.52	28.86	2.61	29.93	2.64	32.56	2.69	34.40	2.74
	110	24.87	2.52	26.74	2.61	28.61	2.71	29.80	2.74	32.36	2.79	34.23	2.85
	115	24.56	2.62	26.46	2.71	28.36	2.81	29.67	2.84	32.16	2.90	34.05	2.96
	118	24.38	2.67	26.29	2.77	28.21	2.87	29.59	2.91	32.03	2.96	33.95	3.02
	122	24.32	2.75	26.24	2.85	28.16	2.95	29.56	2.99	31.99	3.04	33.91	3.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 54: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	30.72	1.49	32.63	1.55	34.54	1.60	35.91	1.62	38.35	1.65	40.26	1.69
	0	30.70	1.51	32.61	1.57	34.52	1.62	35.89	1.64	38.33	1.67	40.24	1.71
	5	30.68	1.53	32.58	1.59	34.49	1.65	35.87	1.67	38.30	1.70	40.21	1.73
	10	30.66	1.56	32.56	1.61	34.46	1.67	35.84	1.69	38.27	1.72	40.17	1.76
	14	30.63	1.58	32.53	1.64	34.44	1.70	35.81	1.72	38.24	1.75	40.14	1.78
	20	30.61	1.60	32.51	1.66	34.41	1.72	35.78	1.74	38.21	1.77	40.11	1.81
	25	30.59	1.63	32.48	1.68	34.38	1.75	35.76	1.77	38.18	1.80	40.08	1.84
	30	30.56	1.65	32.46	1.71	34.36	1.77	35.73	1.79	38.15	1.82	40.05	1.86
	35	30.54	1.67	32.44	1.73	34.33	1.79	35.70	1.82	38.12	1.85	40.02	1.89
	40	30.52	1.69	32.41	1.76	34.31	1.82	35.67	1.84	38.10	1.87	39.99	1.91
	45	30.49	1.72	32.39	1.78	34.28	1.84	35.65	1.86	38.07	1.90	39.96	1.94
	50	30.47	1.74	32.36	1.80	34.25	1.87	35.62	1.89	38.04	1.92	39.93	1.96
	55	30.45	1.76	32.34	1.83	34.23	1.89	35.59	1.91	38.01	1.95	39.90	1.99
	60	30.42	1.78	32.31	1.85	34.20	1.92	35.56	1.94	37.98	1.98	39.87	2.01
	65	30.40	1.81	32.29	1.87	34.17	1.94	35.54	1.96	37.95	2.00	39.84	2.04
	70	30.37	1.83	32.26	1.90	34.15	1.97	35.51	1.99	37.92	2.03	39.81	2.07
	75	29.64	1.93	31.53	2.00	33.41	2.07	34.77	2.10	37.17	2.13	39.05	2.18
	80	28.91	2.03	30.79	2.10	32.67	2.18	34.02	2.20	36.42	2.24	38.30	2.29
	85	28.19	2.13	30.06	2.20	31.93	2.28	33.29	2.31	35.68	2.35	37.55	2.40
	90	27.46	2.22	29.33	2.31	31.20	2.39	32.55	2.42	34.94	2.46	36.80	2.51
	95	26.68	2.32	28.54	2.41	30.39	2.50	31.25	2.52	34.11	2.57	35.97	2.62
	100	26.36	2.42	28.25	2.51	30.13	2.60	31.11	2.63	33.90	2.68	35.79	2.73
29	105	26.05	2.52	27.96	2.61	29.87	2.71	30.98	2.74	33.70	2.79	35.61	2.85
	110	25.74	2.62	27.67	2.71	29.61	2.81	30.84	2.85	33.49	2.90	35.42	2.96
	115	25.42	2.72	27.39	2.82	29.35	2.92	30.70	2.95	33.28	3.01	35.24	3.07
	118	25.23	2.78	27.21	2.88	29.19	2.98	30.62	3.02	33.15	3.07	35.13	3.14
	122	25.17	2.86	27.16	2.96	29.14	3.07	30.60	3.10	33.11	3.16	35.10	3.23
	-4	31.76	1.55	33.73	1.61	35.70	1.66	37.13	1.68	39.65	1.72	41.62	1.75
	0	31.74	1.57	33.71	1.62	35.68	1.68	37.11	1.70	39.63	1.73	41.60	1.77
	5	31.71	1.59	33.68	1.65	35.65	1.71	37.08	1.73	39.59	1.76	41.56	1.80
	10	31.69	1.62	33.66	1.67	35.63	1.74	37.05	1.76	39.56	1.79	41.53	1.82
	14	31.67	1.64	33.63	1.70	35.60	1.76	37.02	1.78	39.53	1.81	41.50	1.85
	20	31.64	1.66	33.61	1.72	35.57	1.79	36.99	1.81	39.50	1.84	41.47	1.88
	25	31.62	1.69	33.58	1.75	35.54	1.81	36.96	1.83	39.47	1.87	41.44	1.90
	30	31.59	1.71	33.56	1.77	35.52	1.84	36.93	1.86	39.44	1.89	41.40	1.93
	35	31.57	1.73	33.53	1.80	35.49	1.86	36.91	1.88	39.41	1.92	41.37	1.96
	40	31.55	1.76	33.50	1.82	35.46	1.89	36.88	1.91	39.38	1.94	41.34	1.98
	45	31.52	1.78	33.48	1.85	35.44	1.91	36.85	1.93	39.35	1.97	41.31	2.01
	50	31.50	1.80	33.45	1.87	35.41	1.94	36.82	1.96	39.32	2.00	41.28	2.04
	55	31.47	1.83	33.43	1.89	35.38	1.96	36.79	1.99	39.29	2.02	41.25	2.06
	60	31.45	1.85	33.40	1.92	35.35	1.99	36.77	2.01	39.26	2.05	41.21	2.09
	65	31.42	1.87	33.38	1.94	35.33	2.01	36.74	2.04	39.23	2.07	41.18	2.12
	70	31.40	1.90	33.35	1.97	35.30	2.04	36.71	2.06	39.20	2.10	41.15	2.14
	75	30.64	2.00	32.59	2.07	34.54	2.15	35.94	2.17	38.43	2.21	40.37	2.26
	80	29.89	2.10	31.83	2.18	33.77	2.26	35.17	2.28	37.65	2.33	39.59	2.37
	85	29.14	2.20	31.08	2.29	33.01	2.37	34.41	2.40	36.88	2.44	38.82	2.49
	90	28.39	2.31	30.32	2.39	32.25	2.48	33.65	2.51	36.11	2.55	38.05	2.61
	95	27.58	2.41	29.50	2.50	31.42	2.59	32.30	2.62	35.26	2.67	37.18	2.72
	100	27.25	2.51	29.20	2.60	31.15	2.70	32.16	2.73	35.05	2.78	37.00	2.84
	105	26.93	2.61	28.91	2.71	30.88	2.81	32.02	2.84	34.83	2.89	36.81	2.95
	110	26.60	2.72	28.61	2.82	30.61	2.92	31.88	2.95	34.62	3.01	36.62	3.07
	115	26.28	2.82	28.31	2.92	30.34	3.03	31.74	3.06	34.40	3.12	36.43	3.18
	118	26.08	2.88	28.13	2.99	30.18	3.09	31.66	3.13	34.27	3.19	36.32	3.25
	122	26.02	2.96	28.07	3.07	30.12	3.18	31.63	3.22	34.23	3.28	36.28	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 55: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	32.79	1.61	34.83	1.66	36.87	1.72	38.34	1.74	40.94	1.78	42.98	1.81
	0	32.78	1.62	34.81	1.68	36.85	1.74	38.32	1.76	40.92	1.80	42.95	1.83
	5	32.75	1.65	34.78	1.71	36.82	1.77	38.29	1.79	40.89	1.83	42.92	1.86
	10	32.72	1.67	34.76	1.73	36.79	1.80	38.26	1.82	40.85	1.85	42.89	1.89
	14	32.70	1.70	34.73	1.76	36.76	1.82	38.23	1.85	40.82	1.88	42.85	1.92
	20	32.67	1.72	34.70	1.79	36.73	1.85	38.20	1.87	40.79	1.91	42.82	1.95
	25	32.65	1.75	34.68	1.81	36.71	1.88	38.17	1.90	40.76	1.93	42.79	1.97
	30	32.63	1.77	34.65	1.84	36.68	1.90	38.14	1.92	40.73	1.96	42.76	2.00
	35	32.60	1.80	34.62	1.86	36.65	1.93	38.11	1.95	40.70	1.99	42.72	2.03
	40	32.58	1.82	34.60	1.89	36.62	1.96	38.08	1.98	40.67	2.01	42.69	2.06
	45	32.55	1.84	34.57	1.91	36.59	1.98	38.05	2.00	40.64	2.04	42.66	2.08
	50	32.53	1.87	34.55	1.94	36.57	2.01	38.02	2.03	40.61	2.07	42.63	2.11
	55	32.50	1.89	34.52	1.96	36.54	2.03	37.99	2.06	40.57	2.10	42.59	2.14
	60	32.48	1.92	34.49	1.99	36.51	2.06	37.97	2.08	40.54	2.12	42.56	2.17
	65	32.45	1.94	34.47	2.01	36.48	2.09	37.94	2.11	40.51	2.15	42.53	2.19
	70	32.43	1.97	34.44	2.04	36.45	2.11	37.91	2.14	40.48	2.18	42.49	2.22
	75	31.65	2.07	33.65	2.15	35.66	2.23	37.11	2.25	39.68	2.29	41.69	2.34
	80	30.86	2.18	32.87	2.26	34.87	2.34	36.32	2.37	38.88	2.41	40.88	2.46
	85	30.09	2.28	32.09	2.37	34.09	2.45	35.53	2.48	38.09	2.53	40.09	2.58
	90	29.32	2.39	31.31	2.48	33.31	2.57	34.75	2.60	37.29	2.65	39.29	2.70
	95	28.48	2.50	30.46	2.59	32.45	2.68	33.36	2.71	36.41	2.76	38.40	2.82
	100	28.14	2.60	30.16	2.70	32.17	2.80	33.21	2.83	36.19	2.88	38.20	2.94
31	105	27.81	2.71	29.85	2.81	31.89	2.91	33.07	2.94	35.97	3.00	38.01	3.06
	110	27.47	2.82	29.54	2.92	31.61	3.02	32.92	3.06	35.75	3.12	37.81	3.18
	115	27.14	2.92	29.23	3.03	31.33	3.14	32.78	3.17	35.53	3.23	37.62	3.30
	118	26.94	2.98	29.05	3.09	31.16	3.21	32.69	3.24	35.39	3.30	37.50	3.37
	122	26.87	3.07	28.99	3.18	31.11	3.30	32.66	3.34	35.35	3.40	37.46	3.47
	-4	33.83	1.66	35.93	1.72	38.03	1.79	39.55	1.81	42.24	1.84	44.34	1.88
	0	33.81	1.68	35.91	1.74	38.01	1.80	39.53	1.83	42.21	1.86	44.31	1.90
	5	33.79	1.71	35.88	1.77	37.98	1.83	39.50	1.86	42.18	1.89	44.28	1.93
	10	33.76	1.73	35.86	1.80	37.95	1.86	39.47	1.88	42.15	1.92	44.24	1.96
	14	33.73	1.76	35.83	1.82	37.92	1.89	39.44	1.91	42.11	1.95	44.21	1.99
	20	33.71	1.78	35.80	1.85	37.90	1.92	39.41	1.94	42.08	1.97	44.18	2.01
	25	33.68	1.81	35.77	1.87	37.87	1.94	39.38	1.97	42.05	2.00	44.14	2.04
	30	33.66	1.83	35.75	1.90	37.84	1.97	39.35	1.99	42.02	2.03	44.11	2.07
	35	33.63	1.86	35.72	1.93	37.81	2.00	39.32	2.02	41.99	2.06	44.07	2.10
	40	33.61	1.88	35.69	1.95	37.78	2.02	39.29	2.05	41.95	2.09	44.04	2.13
	45	33.58	1.91	35.66	1.98	37.75	2.05	39.26	2.07	41.92	2.11	44.01	2.16
	50	33.55	1.93	35.64	2.01	37.72	2.08	39.23	2.10	41.89	2.14	43.97	2.18
	55	33.53	1.96	35.61	2.03	37.69	2.11	39.20	2.13	41.86	2.17	43.94	2.21
	60	33.50	1.99	35.58	2.06	37.66	2.13	39.17	2.16	41.82	2.20	43.91	2.24
	65	33.48	2.01	35.56	2.08	37.63	2.16	39.14	2.18	41.79	2.23	43.87	2.27
	70	33.45	2.04	35.53	2.11	37.61	2.19	39.11	2.21	41.76	2.25	43.84	2.30
	75	32.65	2.15	34.72	2.22	36.79	2.30	38.29	2.33	40.94	2.38	43.01	2.42
	80	31.84	2.26	33.91	2.34	35.98	2.42	37.47	2.45	40.11	2.50	42.18	2.55
	85	31.04	2.37	33.11	2.45	35.17	2.54	36.66	2.57	39.29	2.62	41.35	2.67
	90	30.25	2.47	32.30	2.57	34.36	2.66	35.84	2.69	38.47	2.74	40.53	2.80
	95	29.38	2.58	31.43	2.68	33.47	2.78	34.41	2.81	37.57	2.86	39.61	2.92
	100	29.03	2.69	31.11	2.79	33.18	2.89	34.26	2.93	37.34	2.98	39.41	3.04
	105	28.69	2.80	30.79	2.91	32.90	3.01	34.11	3.05	37.11	3.10	39.21	3.17
	110	28.34	2.91	30.48	3.02	32.61	3.13	33.96	3.17	36.88	3.23	39.01	3.29
	115	28.00	3.02	30.16	3.13	32.32	3.25	33.81	3.29	36.65	3.35	38.81	3.42
	118	27.79	3.09	29.97	3.20	32.15	3.32	33.72	3.36	36.51	3.42	38.69	3.49
	122	27.72	3.18	29.91	3.29	32.09	3.41	33.69	3.45	36.47	3.52	38.65	3.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 56: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	34.87	1.72	37.03	1.78	39.20	1.85	40.76	1.87	43.53	1.90	45.70	1.94
	0	34.85	1.74	37.01	1.80	39.18	1.87	40.74	1.89	43.51	1.92	45.67	1.96
	5	34.82	1.77	36.98	1.83	39.15	1.90	40.71	1.92	43.47	1.95	45.63	1.99
	10	34.79	1.79	36.96	1.86	39.12	1.93	40.68	1.95	43.44	1.98	45.60	2.02
	14	34.77	1.82	36.93	1.88	39.09	1.95	40.65	1.98	43.40	2.01	45.56	2.05
	20	34.74	1.84	36.90	1.91	39.06	1.98	40.61	2.00	43.37	2.04	45.53	2.08
	25	34.71	1.87	36.87	1.94	39.03	2.01	40.58	2.03	43.34	2.07	45.49	2.11
	30	34.69	1.90	36.84	1.97	39.00	2.04	40.55	2.06	43.31	2.10	45.46	2.14
	35	34.66	1.92	36.81	1.99	38.97	2.07	40.52	2.09	43.27	2.13	45.43	2.17
	40	34.64	1.95	36.79	2.02	38.94	2.09	40.49	2.12	43.24	2.16	45.39	2.20
	45	34.61	1.97	36.76	2.05	38.91	2.12	40.46	2.15	43.21	2.19	45.36	2.23
	50	34.58	2.00	36.73	2.07	38.88	2.15	40.43	2.17	43.17	2.22	45.32	2.26
	55	34.56	2.03	36.70	2.10	38.85	2.18	40.40	2.20	43.14	2.24	45.29	2.29
	60	34.53	2.05	36.67	2.13	38.82	2.21	40.37	2.23	43.11	2.27	45.25	2.32
	65	34.50	2.08	36.65	2.16	38.79	2.23	40.34	2.26	43.07	2.30	45.22	2.35
	70	34.48	2.11	36.62	2.18	38.76	2.26	40.30	2.29	43.04	2.33	45.18	2.38
	75	33.65	2.22	35.78	2.30	37.92	2.38	39.46	2.41	42.19	2.46	44.33	2.51
	80	32.82	2.33	34.95	2.42	37.08	2.51	38.62	2.53	41.34	2.58	43.47	2.63
	85	31.99	2.45	34.12	2.54	36.25	2.63	37.78	2.66	40.50	2.71	42.62	2.76
	90	31.17	2.56	33.29	2.65	35.41	2.75	36.94	2.78	39.65	2.83	41.77	2.89
	95	30.28	2.67	32.39	2.77	34.50	2.87	35.47	2.90	38.72	2.96	40.83	3.02
	100	29.92	2.79	32.06	2.89	34.20	2.99	35.31	3.03	38.48	3.09	40.62	3.15
	105	29.57	2.90	31.74	3.01	33.90	3.12	35.16	3.15	38.24	3.21	40.41	3.28
	110	29.21	3.01	31.41	3.12	33.61	3.24	35.00	3.28	38.01	3.34	40.21	3.40
	115	28.85	3.13	31.08	3.24	33.31	3.36	34.85	3.40	37.77	3.46	40.00	3.53
	118	28.64	3.20	30.89	3.31	33.13	3.43	34.76	3.47	37.63	3.54	39.88	3.61
	122	28.57	3.29	30.82	3.41	33.07	3.53	34.73	3.57	37.58	3.64	39.83	3.71
33	-4	35.91	1.78	38.14	1.84	40.37	1.91	41.98	1.93	44.83	1.97	47.06	2.01
	0	35.89	1.80	38.11	1.86	40.34	1.93	41.95	1.95	44.80	1.99	47.03	2.03
	5	35.86	1.82	38.08	1.89	40.31	1.96	41.92	1.98	44.76	2.02	46.99	2.06
	10	35.83	1.85	38.05	1.92	40.28	1.99	41.89	2.01	44.73	2.05	46.95	2.09
	14	35.80	1.88	38.03	1.95	40.25	2.02	41.85	2.04	44.70	2.08	46.92	2.12
	20	35.77	1.91	38.00	1.98	40.22	2.05	41.82	2.07	44.66	2.11	46.88	2.15
	25	35.75	1.93	37.97	2.00	40.19	2.08	41.79	2.10	44.63	2.14	46.85	2.18
	30	35.72	1.96	37.94	2.03	40.16	2.11	41.76	2.13	44.59	2.17	46.81	2.21
	35	35.69	1.99	37.91	2.06	40.13	2.13	41.73	2.16	44.56	2.20	46.78	2.24
	40	35.67	2.01	37.88	2.09	40.10	2.16	41.69	2.19	44.53	2.23	46.74	2.27
	45	35.64	2.04	37.85	2.11	40.06	2.19	41.66	2.22	44.49	2.26	46.70	2.30
	50	35.61	2.07	37.82	2.14	40.03	2.22	41.63	2.25	44.46	2.29	46.67	2.33
	55	35.58	2.09	37.79	2.17	40.00	2.25	41.60	2.28	44.42	2.32	46.63	2.37
	60	35.56	2.12	37.76	2.20	39.97	2.28	41.57	2.31	44.39	2.35	46.60	2.40
	65	35.53	2.15	37.74	2.23	39.94	2.31	41.54	2.33	44.35	2.38	46.56	2.43
	70	35.50	2.18	37.71	2.25	39.91	2.34	41.50	2.36	44.32	2.41	46.53	2.46
	75	34.65	2.29	36.85	2.38	39.05	2.46	40.63	2.49	43.44	2.54	45.64	2.59
	80	33.79	2.41	35.99	2.50	38.18	2.59	39.77	2.62	42.57	2.67	44.76	2.72
	85	32.95	2.53	35.13	2.62	37.32	2.72	38.90	2.75	41.70	2.80	43.89	2.85
	90	32.10	2.64	34.28	2.74	36.47	2.84	38.04	2.87	40.83	2.93	43.01	2.99
	95	31.18	2.76	33.35	2.86	35.52	2.97	36.52	3.00	39.87	3.06	42.04	3.12
	100	30.81	2.88	33.02	2.98	35.22	3.09	36.36	3.13	39.63	3.19	41.83	3.25
	105	30.45	3.00	32.68	3.11	34.91	3.22	36.20	3.26	39.38	3.32	41.62	3.38
	110	30.08	3.11	32.34	3.23	34.61	3.35	36.05	3.38	39.14	3.45	41.40	3.52
	115	29.71	3.23	32.01	3.35	34.30	3.47	35.89	3.51	38.90	3.58	41.19	3.65
	118	29.49	3.30	31.81	3.42	34.12	3.55	35.79	3.59	38.75	3.66	41.06	3.73
	122	29.42	3.40	31.74	3.52	34.06	3.65	35.76	3.69	38.70	3.76	41.02	3.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 57: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	36.94	1.83	39.24	1.90	41.53	1.97	43.19	1.99	46.12	2.03	48.41	2.07
	0	36.92	1.85	39.22	1.92	41.51	1.99	43.16	2.01	46.09	2.05	48.39	2.09
	5	36.89	1.88	39.18	1.95	41.47	2.02	43.13	2.05	46.06	2.09	48.35	2.13
	10	36.86	1.91	39.15	1.98	41.44	2.05	43.10	2.08	46.02	2.12	48.31	2.16
	14	36.84	1.94	39.12	2.01	41.41	2.08	43.06	2.11	45.99	2.15	48.27	2.19
	20	36.81	1.97	39.09	2.04	41.38	2.11	43.03	2.14	45.95	2.18	48.24	2.22
	25	36.78	2.00	39.06	2.07	41.35	2.14	43.00	2.17	45.92	2.21	48.20	2.25
	30	36.75	2.02	39.03	2.10	41.32	2.17	42.96	2.20	45.88	2.24	48.16	2.28
	35	36.72	2.05	39.00	2.13	41.28	2.20	42.93	2.23	45.85	2.27	48.13	2.32
	40	36.70	2.08	38.97	2.15	41.25	2.23	42.90	2.26	45.81	2.30	48.09	2.35
	45	36.67	2.11	38.94	2.18	41.22	2.26	42.87	2.29	45.78	2.33	48.05	2.38
	50	36.64	2.13	38.91	2.21	41.19	2.29	42.83	2.32	45.74	2.36	48.02	2.41
	55	36.61	2.16	38.88	2.24	41.16	2.32	42.80	2.35	45.71	2.39	47.98	2.44
	60	36.58	2.19	38.85	2.27	41.13	2.35	42.77	2.38	45.67	2.42	47.94	2.47
	65	36.55	2.22	38.83	2.30	41.10	2.38	42.73	2.41	45.64	2.46	47.91	2.51
	70	36.53	2.25	38.80	2.33	41.06	2.41	42.70	2.44	45.60	2.49	47.87	2.54
	75	35.65	2.37	37.91	2.45	40.17	2.54	41.81	2.57	44.70	2.62	46.96	2.67
	80	34.77	2.49	37.03	2.58	39.28	2.67	40.91	2.70	43.80	2.75	46.06	2.81
	85	33.90	2.61	36.15	2.70	38.40	2.80	40.03	2.84	42.90	2.89	45.16	2.95
	90	33.03	2.73	35.27	2.83	37.52	2.93	39.14	2.97	42.01	3.02	44.26	3.08
	95	32.08	2.85	34.32	2.96	36.55	3.06	37.58	3.10	41.02	3.16	43.26	3.22
	100	31.70	2.97	33.97	3.08	36.24	3.19	37.41	3.23	40.77	3.29	43.04	3.36
	105	31.33	3.09	33.62	3.21	35.92	3.32	37.25	3.36	40.52	3.43	42.82	3.49
	110	30.95	3.22	33.28	3.33	35.61	3.45	37.09	3.49	40.27	3.56	42.60	3.63
	115	30.57	3.34	32.93	3.46	35.29	3.58	36.92	3.63	40.02	3.69	42.38	3.77
	118	30.34	3.41	32.73	3.53	35.10	3.66	36.82	3.70	39.87	3.77	42.25	3.85
	122	30.27	3.51	32.66	3.63	35.04	3.77	36.79	3.81	39.82	3.88	42.20	3.96
35	-4	37.98	1.89	40.34	1.96	42.70	2.03	44.40	2.06	47.41	2.09	49.77	2.14
	0	37.96	1.91	40.32	1.98	42.67	2.05	44.38	2.08	47.39	2.12	49.75	2.16
	5	37.93	1.94	40.28	2.01	42.64	2.09	44.34	2.11	47.35	2.15	49.70	2.19
	10	37.90	1.97	40.25	2.04	42.61	2.12	44.31	2.14	47.31	2.18	49.67	2.23
	14	37.87	2.00	40.22	2.07	42.57	2.15	44.27	2.17	47.28	2.22	49.63	2.26
	20	37.84	2.03	40.19	2.10	42.54	2.18	44.24	2.21	47.24	2.25	49.59	2.29
	25	37.81	2.06	40.16	2.13	42.51	2.21	44.20	2.24	47.21	2.28	49.55	2.32
	30	37.78	2.09	40.13	2.16	42.48	2.24	44.17	2.27	47.17	2.31	49.52	2.36
	35	37.75	2.12	40.10	2.19	42.44	2.27	44.14	2.30	47.13	2.34	49.48	2.39
	40	37.73	2.14	40.07	2.22	42.41	2.30	44.10	2.33	47.10	2.37	49.44	2.42
	45	37.70	2.17	40.04	2.25	42.38	2.33	44.07	2.36	47.06	2.41	49.40	2.45
	50	37.67	2.20	40.01	2.28	42.35	2.37	44.04	2.39	47.02	2.44	49.36	2.49
	55	37.64	2.23	39.98	2.31	42.31	2.40	44.00	2.42	46.99	2.47	49.33	2.52
	60	37.61	2.26	39.95	2.34	42.28	2.43	43.97	2.46	46.95	2.50	49.29	2.55
	65	37.58	2.29	39.91	2.37	42.25	2.46	43.93	2.49	46.92	2.53	49.25	2.58
	70	37.55	2.32	39.88	2.40	42.22	2.49	43.90	2.52	46.88	2.57	49.21	2.62
	75	36.65	2.44	38.97	2.53	41.30	2.62	42.98	2.65	45.95	2.70	48.28	2.76
	80	35.74	2.57	38.07	2.66	40.39	2.76	42.06	2.79	45.03	2.84	47.35	2.90
	85	34.85	2.69	37.16	2.79	39.48	2.89	41.15	2.93	44.11	2.98	46.42	3.04
	90	33.95	2.82	36.26	2.92	38.57	3.03	40.24	3.06	43.19	3.12	45.50	3.18
	95	32.98	2.94	35.28	3.05	37.58	3.16	38.63	3.20	42.17	3.26	44.47	3.32
	100	32.59	3.07	34.92	3.18	37.25	3.30	38.46	3.33	41.91	3.40	44.24	3.46
	105	32.20	3.19	34.57	3.31	36.93	3.43	38.30	3.47	41.66	3.53	44.02	3.61
	110	31.82	3.32	34.21	3.44	36.61	3.56	38.13	3.60	41.40	3.67	43.79	3.75
	115	31.43	3.44	33.86	3.57	36.28	3.70	37.96	3.74	41.14	3.81	43.57	3.89
	118	31.19	3.52	33.64	3.65	36.09	3.78	37.86	3.82	40.99	3.89	43.43	3.97
	122	31.12	3.62	33.57	3.75	36.02	3.89	37.82	3.93	40.94	4.00	43.39	4.09

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 58: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	39.02	1.95	41.44	2.02	43.86	2.10	45.61	2.12	48.71	2.16	51.13	2.20
	0	39.00	1.97	41.42	2.04	43.84	2.12	45.59	2.14	48.68	2.18	51.10	2.23
	5	38.96	2.00	41.38	2.08	43.80	2.15	45.55	2.18	48.64	2.22	51.06	2.26
	10	38.93	2.03	41.35	2.11	43.77	2.19	45.52	2.21	48.61	2.25	51.02	2.30
	14	38.90	2.06	41.32	2.14	43.74	2.22	45.48	2.24	48.57	2.28	50.98	2.33
	20	38.87	2.09	41.29	2.17	43.70	2.25	45.45	2.27	48.53	2.32	50.95	2.36
	25	38.84	2.12	41.26	2.20	43.67	2.28	45.41	2.31	48.49	2.35	50.91	2.40
	30	38.81	2.15	41.23	2.23	43.64	2.31	45.38	2.34	48.46	2.38	50.87	2.43
	35	38.79	2.18	41.19	2.26	43.60	2.34	45.34	2.37	48.42	2.42	50.83	2.46
	40	38.76	2.21	41.16	2.29	43.57	2.38	45.31	2.40	48.38	2.45	50.79	2.50
	45	38.73	2.24	41.13	2.32	43.54	2.41	45.27	2.44	48.35	2.48	50.75	2.53
	50	38.70	2.27	41.10	2.35	43.50	2.44	45.24	2.47	48.31	2.51	50.71	2.56
	55	38.67	2.30	41.07	2.38	43.47	2.47	45.20	2.50	48.27	2.55	50.67	2.60
	60	38.64	2.33	41.04	2.42	43.44	2.50	45.17	2.53	48.23	2.58	50.63	2.63
	65	38.61	2.36	41.00	2.45	43.40	2.54	45.13	2.56	48.20	2.61	50.60	2.67
	70	38.58	2.39	40.97	2.48	43.37	2.57	45.10	2.60	48.16	2.65	50.56	2.70
	75	37.65	2.52	40.04	2.61	42.43	2.71	44.15	2.74	47.21	2.79	49.60	2.84
	80	36.72	2.65	39.10	2.74	41.49	2.84	43.21	2.88	46.26	2.93	48.64	2.99
	85	35.80	2.78	38.18	2.88	40.56	2.98	42.27	3.02	45.31	3.07	47.69	3.14
	90	34.88	2.91	37.25	3.01	39.62	3.12	41.34	3.16	44.37	3.22	46.74	3.28
	95	33.88	3.03	36.24	3.15	38.60	3.26	39.69	3.30	43.32	3.36	45.68	3.43
	100	33.48	3.16	35.88	3.28	38.27	3.40	39.51	3.44	43.06	3.50	45.45	3.57
37	105	33.08	3.29	35.51	3.41	37.94	3.54	39.34	3.58	42.79	3.64	45.22	3.72
	110	32.68	3.42	35.15	3.55	37.61	3.68	39.17	3.72	42.53	3.79	44.99	3.86
	115	32.29	3.55	34.78	3.68	37.27	3.81	39.00	3.86	42.27	3.93	44.76	4.01
	118	32.05	3.63	34.56	3.76	37.07	3.90	38.89	3.94	42.11	4.02	44.62	4.10
	122	31.97	3.73	34.49	3.87	37.01	4.01	38.86	4.05	42.05	4.13	44.57	4.21
	-4	40.05	2.01	42.54	2.09	45.03	2.16	46.83	2.19	50.00	2.23	52.49	2.28
	0	40.03	2.04	42.52	2.11	45.00	2.19	46.80	2.21	49.98	2.25	52.46	2.30
	5	40.00	2.07	42.48	2.15	44.97	2.22	46.76	2.25	49.94	2.29	52.42	2.34
	10	39.97	2.10	42.45	2.18	44.93	2.26	46.73	2.28	49.90	2.33	52.38	2.37
	14	39.94	2.13	42.42	2.21	44.90	2.29	46.69	2.32	49.86	2.36	52.34	2.41
	20	39.91	2.16	42.39	2.24	44.86	2.32	46.65	2.35	49.82	2.39	52.30	2.44
	25	39.88	2.19	42.35	2.27	44.83	2.36	46.62	2.38	49.78	2.43	52.26	2.48
	30	39.85	2.22	42.32	2.30	44.80	2.39	46.58	2.42	49.74	2.46	52.22	2.51
	35	39.82	2.25	42.29	2.34	44.76	2.42	46.55	2.45	49.71	2.49	52.18	2.54
	40	39.79	2.28	42.26	2.37	44.73	2.45	46.51	2.48	49.67	2.53	52.14	2.58
	45	39.76	2.31	42.22	2.40	44.69	2.49	46.48	2.52	49.63	2.56	52.10	2.61
	50	39.72	2.35	42.19	2.43	44.66	2.52	46.44	2.55	49.59	2.60	52.06	2.65
	55	39.69	2.38	42.16	2.46	44.62	2.55	46.40	2.58	49.55	2.63	52.02	2.68
	60	39.66	2.41	42.13	2.49	44.59	2.59	46.37	2.62	49.52	2.66	51.98	2.72
	65	39.63	2.44	42.09	2.53	44.56	2.62	46.33	2.65	49.48	2.70	51.94	2.75
	70	39.60	2.47	42.06	2.56	44.52	2.65	46.30	2.68	49.44	2.73	51.90	2.79
	75	38.65	2.60	41.10	2.70	43.56	2.79	45.33	2.83	48.46	2.88	50.92	2.94
	80	37.70	2.73	40.14	2.83	42.59	2.94	44.36	2.97	47.49	3.03	49.93	3.09
	85	36.75	2.87	39.19	2.97	41.63	3.08	43.40	3.12	46.52	3.17	48.96	3.24
	90	35.81	3.00	38.24	3.11	40.68	3.22	42.44	3.26	45.55	3.32	47.98	3.39
	95	34.78	3.13	37.21	3.25	39.63	3.37	40.74	3.40	44.48	3.47	46.90	3.54
	100	34.37	3.27	36.83	3.39	39.29	3.51	40.56	3.55	44.20	3.62	46.66	3.69
	105	33.96	3.40	36.46	3.52	38.95	3.65	40.39	3.69	43.93	3.76	46.42	3.84
	110	33.55	3.53	36.08	3.66	38.61	3.80	40.21	3.84	43.66	3.91	46.18	3.99
	115	33.14	3.67	35.71	3.80	38.26	3.94	40.03	3.98	43.39	4.06	45.95	4.14
	118	32.90	3.75	35.48	3.88	38.06	4.02	39.93	4.07	43.23	4.15	45.80	4.23
	122	32.82	3.85	35.41	3.99	37.99	4.14	39.89	4.19	43.17	4.26	45.76	4.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 59: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	41.09	2.08	43.64	2.16	46.19	2.23	48.04	2.26	51.30	2.30	53.85	2.35
	0	41.07	2.10	43.62	2.18	46.17	2.26	48.01	2.28	51.27	2.33	53.82	2.37
	5	41.03	2.14	43.58	2.21	46.13	2.30	47.97	2.32	51.23	2.37	53.78	2.41
	10	41.00	2.17	43.55	2.25	46.10	2.33	47.94	2.36	51.19	2.40	53.74	2.45
	14	40.97	2.20	43.52	2.28	46.06	2.36	47.90	2.39	51.15	2.44	53.69	2.48
	20	40.94	2.23	43.48	2.31	46.03	2.40	47.86	2.42	51.11	2.47	53.65	2.52
	25	40.91	2.26	43.45	2.35	45.99	2.43	47.83	2.46	51.07	2.51	53.61	2.56
	30	40.88	2.29	43.42	2.38	45.96	2.47	47.79	2.49	51.03	2.54	53.57	2.59
	35	40.85	2.33	43.38	2.41	45.92	2.50	47.75	2.53	50.99	2.58	53.53	2.63
	40	40.82	2.36	43.35	2.44	45.89	2.53	47.72	2.56	50.95	2.61	53.49	2.66
	45	40.78	2.39	43.32	2.48	45.85	2.57	47.68	2.60	50.92	2.65	53.45	2.70
	50	40.75	2.42	43.28	2.51	45.81	2.60	47.64	2.63	50.88	2.68	53.41	2.73
	55	40.72	2.45	43.25	2.54	45.78	2.63	47.61	2.67	50.84	2.72	53.37	2.77
	60	40.69	2.48	43.22	2.57	45.74	2.67	47.57	2.70	50.80	2.75	53.33	2.81
	65	40.66	2.52	43.18	2.61	45.71	2.70	47.53	2.73	50.76	2.79	53.28	2.84
	70	40.63	2.55	43.15	2.64	45.67	2.74	47.50	2.77	50.72	2.82	53.24	2.88
	75	39.65	2.68	42.17	2.78	44.68	2.88	46.50	2.92	49.72	2.97	52.24	3.03
	80	38.67	2.82	41.18	2.93	43.69	3.03	45.51	3.07	48.72	3.12	51.23	3.19
	85	37.70	2.96	40.21	3.07	42.71	3.18	44.52	3.22	47.72	3.28	50.23	3.34
	90	36.73	3.10	39.23	3.21	41.73	3.33	43.54	3.37	46.73	3.43	49.23	3.50
	95	35.68	3.23	38.17	3.35	40.65	3.48	41.80	3.52	45.63	3.58	48.11	3.65
	100	35.26	3.37	37.78	3.50	40.30	3.62	41.61	3.66	45.35	3.73	47.87	3.81
	105	34.84	3.51	37.40	3.64	39.95	3.77	41.43	3.81	45.07	3.89	47.62	3.96
	110	34.42	3.65	37.01	3.78	39.60	3.92	41.25	3.96	44.79	4.04	47.38	4.12
	115	34.00	3.78	36.63	3.92	39.26	4.07	41.07	4.11	44.51	4.19	47.14	4.27
	118	33.75	3.87	36.40	4.01	39.05	4.15	40.96	4.20	44.34	4.28	46.99	4.37
	122	33.67	3.98	36.32	4.12	38.98	4.27	40.92	4.32	44.29	4.40	46.94	4.49
39	-4	42.13	2.15	44.74	2.22	47.36	2.31	49.25	2.33	52.59	2.38	55.21	2.42
	0	42.10	2.17	44.72	2.25	47.33	2.33	49.22	2.36	52.56	2.40	55.18	2.45
	5	42.07	2.20	44.68	2.28	47.30	2.37	49.18	2.40	52.52	2.44	55.13	2.49
	10	42.04	2.24	44.65	2.32	47.26	2.40	49.14	2.43	52.48	2.48	55.09	2.53
	14	42.01	2.27	44.61	2.35	47.22	2.44	49.11	2.47	52.44	2.51	55.05	2.56
	20	41.97	2.30	44.58	2.39	47.19	2.47	49.07	2.50	52.40	2.55	55.01	2.60
	25	41.94	2.33	44.55	2.42	47.15	2.51	49.03	2.54	52.36	2.58	54.97	2.64
	30	41.91	2.37	44.51	2.45	47.12	2.54	48.99	2.57	52.32	2.62	54.92	2.67
	35	41.88	2.40	44.48	2.49	47.08	2.58	48.96	2.61	52.28	2.66	54.88	2.71
	40	41.85	2.43	44.44	2.52	47.04	2.61	48.92	2.64	52.24	2.69	54.84	2.75
	45	41.81	2.47	44.41	2.56	47.01	2.65	48.88	2.68	52.20	2.73	54.80	2.78
	50	41.78	2.50	44.38	2.59	46.97	2.68	48.85	2.71	52.16	2.77	54.76	2.82
	55	41.75	2.53	44.34	2.62	46.94	2.72	48.81	2.75	52.12	2.80	54.71	2.86
	60	41.72	2.56	44.31	2.66	46.90	2.75	48.77	2.79	52.08	2.84	54.67	2.89
	65	41.69	2.60	44.27	2.69	46.86	2.79	48.73	2.82	52.04	2.87	54.63	2.93
	70	41.65	2.63	44.24	2.72	46.83	2.82	48.70	2.86	52.00	2.91	54.59	2.97
	75	40.65	2.77	43.23	2.87	45.81	2.98	47.68	3.01	50.97	3.07	53.55	3.13
	80	39.65	2.91	42.22	3.02	44.80	3.13	46.66	3.16	49.95	3.22	52.52	3.29
	85	38.66	3.05	41.22	3.17	43.79	3.28	45.65	3.32	48.93	3.38	51.49	3.45
	90	37.66	3.20	40.22	3.31	42.78	3.43	44.63	3.47	47.91	3.54	50.47	3.61
	95	36.58	3.34	39.13	3.46	41.68	3.59	42.85	3.63	46.78	3.69	49.33	3.77
	100	36.15	3.48	38.74	3.61	41.32	3.74	42.66	3.78	46.49	3.85	49.08	3.93
	105	35.72	3.62	38.34	3.75	40.96	3.89	42.48	3.93	46.21	4.01	48.83	4.09
	110	35.29	3.76	37.95	3.90	40.60	4.04	42.29	4.09	45.92	4.17	48.58	4.25
	115	34.86	3.90	37.55	4.05	40.25	4.19	42.10	4.24	45.64	4.32	48.33	4.41
	118	34.60	3.99	37.32	4.14	40.03	4.29	41.99	4.34	45.46	4.42	48.18	4.51
	122	34.52	4.10	37.24	4.25	39.96	4.41	41.96	4.46	45.41	4.54	48.13	4.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 60: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	43.16	2.21	45.85	2.29	48.53	2.38	50.46	2.40	53.89	2.45	56.57	2.50
	0	43.14	2.24	45.82	2.32	48.50	2.40	50.43	2.43	53.86	2.48	56.54	2.53
	5	43.11	2.27	45.78	2.36	48.46	2.44	50.39	2.47	53.81	2.52	56.49	2.57
	10	43.07	2.31	45.75	2.39	48.42	2.48	50.35	2.51	53.77	2.55	56.45	2.61
	14	43.04	2.34	45.71	2.43	48.39	2.51	50.32	2.54	53.73	2.59	56.40	2.64
	20	43.01	2.37	45.68	2.46	48.35	2.55	50.28	2.58	53.69	2.63	56.36	2.68
	25	42.97	2.41	45.64	2.50	48.31	2.59	50.24	2.62	53.65	2.67	56.32	2.72
	30	42.94	2.44	45.61	2.53	48.27	2.62	50.20	2.65	53.61	2.70	56.28	2.76
	35	42.91	2.47	45.57	2.57	48.24	2.66	50.16	2.69	53.57	2.74	56.23	2.79
	40	42.88	2.51	45.54	2.60	48.20	2.69	50.12	2.73	53.53	2.78	56.19	2.83
	45	42.84	2.54	45.50	2.63	48.16	2.73	50.09	2.76	53.49	2.81	56.15	2.87
	50	42.81	2.58	45.47	2.67	48.13	2.77	50.05	2.80	53.44	2.85	56.10	2.91
	55	42.78	2.61	45.43	2.70	48.09	2.80	50.01	2.84	53.40	2.89	56.06	2.95
	60	42.74	2.64	45.40	2.74	48.05	2.84	49.97	2.87	53.36	2.93	56.02	2.98
	65	42.71	2.68	45.36	2.77	48.02	2.88	49.93	2.91	53.32	2.96	55.97	3.02
	70	42.68	2.71	45.33	2.81	47.98	2.91	49.89	2.95	53.28	3.00	55.93	3.06
	75	41.65	2.86	44.30	2.96	46.94	3.07	48.85	3.10	52.23	3.16	54.87	3.23
	80	40.62	3.00	43.26	3.11	45.90	3.23	47.80	3.26	51.17	3.32	53.81	3.39
	85	39.61	3.15	42.24	3.26	44.87	3.38	46.77	3.42	50.13	3.49	52.76	3.56
	90	38.59	3.30	41.21	3.42	43.84	3.54	45.73	3.58	49.09	3.65	51.71	3.72
	95	37.48	3.44	40.10	3.57	42.71	3.70	43.90	3.74	47.93	3.81	50.54	3.89
	100	37.04	3.59	39.69	3.72	42.34	3.85	43.71	3.90	47.64	3.97	50.28	4.05
	105	36.60	3.73	39.29	3.87	41.97	4.01	43.52	4.06	47.34	4.13	50.03	4.22
	110	36.16	3.88	38.88	4.02	41.60	4.17	43.33	4.22	47.05	4.30	49.77	4.38
	115	35.72	4.03	38.48	4.17	41.24	4.33	43.14	4.38	46.76	4.46	49.52	4.55
	118	35.45	4.11	38.24	4.26	41.02	4.42	43.03	4.47	46.58	4.55	49.36	4.65
	122	35.36	4.23	38.16	4.39	40.94	4.55	42.99	4.60	46.52	4.68	48.55	4.71
41	-4	44.20	2.28	46.95	2.36	49.69	2.45	51.67	2.48	55.18	2.52	57.93	2.58
	0	44.18	2.31	46.92	2.39	49.66	2.48	51.65	2.51	55.15	2.55	57.90	2.60
	5	44.14	2.34	46.88	2.43	49.62	2.52	51.60	2.55	55.11	2.59	57.85	2.65
	10	44.11	2.38	46.85	2.46	49.59	2.55	51.56	2.58	55.06	2.63	57.80	2.68
	14	44.07	2.41	46.81	2.50	49.55	2.59	51.52	2.62	55.02	2.67	57.76	2.72
	20	44.04	2.45	46.78	2.54	49.51	2.63	51.49	2.66	54.98	2.71	57.72	2.76
	25	44.01	2.48	46.74	2.57	49.47	2.67	51.45	2.70	54.94	2.75	57.67	2.80
	30	43.97	2.52	46.70	2.61	49.43	2.70	51.41	2.73	54.90	2.79	57.63	2.84
	35	43.94	2.55	46.67	2.64	49.40	2.74	51.37	2.77	54.85	2.82	57.58	2.88
	40	43.91	2.59	46.63	2.68	49.36	2.78	51.33	2.81	54.81	2.86	57.54	2.92
	45	43.87	2.62	46.60	2.72	49.32	2.81	51.29	2.85	54.77	2.90	57.50	2.96
	50	43.84	2.65	46.56	2.75	49.28	2.85	51.25	2.88	54.73	2.94	57.45	3.00
	55	43.80	2.69	46.53	2.79	49.25	2.89	51.21	2.92	54.69	2.98	57.41	3.04
	60	43.77	2.72	46.49	2.82	49.21	2.93	51.17	2.96	54.64	3.02	57.36	3.08
	65	43.74	2.76	46.45	2.86	49.17	2.96	51.13	3.00	54.60	3.05	57.32	3.12
	70	43.70	2.79	46.42	2.90	49.13	3.00	51.09	3.04	54.56	3.09	57.27	3.15
	75	42.65	2.94	45.36	3.05	48.07	3.16	50.02	3.20	53.48	3.26	56.19	3.32
	80	41.60	3.09	44.30	3.21	47.00	3.32	48.95	3.36	52.40	3.43	55.10	3.49
	85	40.56	3.25	43.25	3.36	45.95	3.49	47.89	3.53	51.33	3.59	54.03	3.67
	90	39.52	3.40	42.20	3.52	44.89	3.65	46.83	3.69	50.27	3.76	52.95	3.84
	95	38.38	3.55	41.06	3.68	43.73	3.81	44.96	3.85	49.08	3.93	51.75	4.01
	100	37.93	3.70	40.64	3.83	43.36	3.97	44.76	4.02	48.78	4.09	51.49	4.18
	105	37.48	3.85	40.23	3.99	42.98	4.13	44.57	4.18	48.48	4.26	51.23	4.35
	110	37.03	4.00	39.82	4.14	42.60	4.30	44.37	4.35	48.18	4.43	50.97	4.52
	115	36.58	4.15	39.40	4.30	42.23	4.46	44.18	4.51	47.88	4.59	50.71	4.69
	118	36.30	4.24	39.16	4.39	42.00	4.56	44.06	4.61	47.70	4.69	49.66	4.71
	122	36.21	4.36	39.07	4.52	41.93	4.68	43.70	4.71	46.42	4.71	48.30	4.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 61: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	45.24	2.35	48.05	2.43	50.86	2.52	52.89	2.55	56.48	2.60	59.29	2.65
	0	45.21	2.37	48.02	2.46	50.83	2.55	52.86	2.58	56.45	2.63	59.25	2.68
	5	45.18	2.41	47.98	2.50	50.79	2.59	52.81	2.62	56.40	2.67	59.20	2.72
	10	45.14	2.45	47.95	2.54	50.75	2.63	52.77	2.66	56.36	2.71	59.16	2.77
	14	45.11	2.48	47.91	2.57	50.71	2.67	52.73	2.70	56.31	2.75	59.11	2.81
	20	45.07	2.52	47.87	2.61	50.67	2.71	52.69	2.74	56.27	2.79	59.07	2.85
	25	45.04	2.56	47.84	2.65	50.63	2.75	52.65	2.78	56.23	2.83	59.02	2.89
	30	45.00	2.59	47.80	2.69	50.59	2.78	52.61	2.82	56.18	2.87	58.98	2.93
	35	44.97	2.63	47.76	2.72	50.56	2.82	52.57	2.85	56.14	2.91	58.93	2.97
	40	44.94	2.66	47.73	2.76	50.52	2.86	52.53	2.89	56.10	2.95	58.89	3.01
	45	44.90	2.70	47.69	2.80	50.48	2.90	52.49	2.93	56.06	2.99	58.84	3.05
	50	44.87	2.73	47.65	2.83	50.44	2.94	52.45	2.97	56.01	3.03	58.80	3.09
	55	44.83	2.77	47.62	2.87	50.40	2.98	52.41	3.01	55.97	3.07	58.75	3.13
	60	44.80	2.81	47.58	2.91	50.36	3.01	52.37	3.05	55.93	3.11	58.71	3.17
	65	44.76	2.84	47.54	2.94	50.32	3.05	52.33	3.09	55.88	3.15	58.66	3.21
	70	44.73	2.88	47.51	2.98	50.28	3.09	52.29	3.13	55.84	3.18	58.62	3.25
	75	43.65	3.03	46.42	3.14	49.19	3.26	51.20	3.29	54.74	3.36	57.51	3.42
	80	42.58	3.19	45.34	3.30	48.10	3.42	50.10	3.46	53.63	3.53	56.40	3.60
	85	41.51	3.34	44.27	3.46	47.02	3.59	49.02	3.63	52.54	3.70	55.30	3.77
	90	40.44	3.50	43.19	3.63	45.94	3.76	47.93	3.80	51.44	3.87	54.20	3.95
	95	39.28	3.65	42.02	3.79	44.76	3.92	46.01	3.97	50.23	4.04	52.97	4.13
	100	38.82	3.81	41.60	3.95	44.37	4.09	45.81	4.14	49.93	4.22	52.70	4.30
	105	38.36	3.96	41.17	4.11	43.99	4.26	45.61	4.31	49.62	4.39	52.43	4.48
	110	37.90	4.12	40.75	4.27	43.60	4.42	45.41	4.48	49.31	4.56	52.16	4.65
	115	37.43	4.27	40.33	4.43	43.22	4.59	45.21	4.64	48.76	4.71	50.56	4.71
	118	37.16	4.37	40.07	4.53	42.99	4.69	44.67	4.71	47.57	4.71	49.38	4.71
	122	37.06	4.49	39.99	4.65	41.90	4.71	43.44	4.71	46.17	4.71	47.97	4.71
43	-4	46.28	2.41	49.15	2.50	52.02	2.59	54.10	2.62	57.77	2.67	60.64	2.73
	0	46.25	2.44	49.12	2.53	51.99	2.62	54.07	2.65	57.74	2.70	60.61	2.76
	5	46.21	2.48	49.08	2.57	51.95	2.66	54.02	2.69	57.69	2.75	60.56	2.80
	10	46.18	2.52	49.04	2.61	51.91	2.70	53.98	2.73	57.65	2.79	60.52	2.84
	14	46.14	2.55	49.01	2.65	51.87	2.74	53.94	2.77	57.60	2.83	60.47	2.88
	20	46.11	2.59	48.97	2.68	51.83	2.78	53.90	2.81	57.56	2.87	60.42	2.92
	25	46.07	2.63	48.93	2.72	51.79	2.82	53.86	2.85	57.52	2.91	60.38	2.97
	30	46.04	2.66	48.90	2.76	51.75	2.86	53.82	2.89	57.47	2.95	60.33	3.01
	35	46.00	2.70	48.86	2.80	51.71	2.90	53.78	2.93	57.43	2.99	60.29	3.05
	40	45.97	2.74	48.82	2.84	51.68	2.94	53.74	2.97	57.38	3.03	60.24	3.09
	45	45.93	2.77	48.78	2.87	51.64	2.98	53.70	3.01	57.34	3.07	60.19	3.13
	50	45.90	2.81	48.75	2.91	51.60	3.02	53.65	3.05	57.30	3.11	60.15	3.17
	55	45.86	2.85	48.71	2.95	51.56	3.06	53.61	3.09	57.25	3.15	60.10	3.21
	60	45.82	2.88	48.67	2.99	51.52	3.10	53.57	3.13	57.21	3.19	60.05	3.26
	65	45.79	2.92	48.63	3.03	51.48	3.14	53.53	3.17	57.16	3.23	60.01	3.30
	70	45.75	2.96	48.60	3.06	51.44	3.18	53.49	3.21	57.12	3.27	59.96	3.34
	75	44.65	3.12	47.49	3.23	50.32	3.35	52.37	3.39	55.99	3.45	58.83	3.52
	80	43.55	3.28	46.38	3.40	49.21	3.52	51.25	3.56	54.86	3.63	57.69	3.70
	85	42.46	3.44	45.28	3.56	48.10	3.69	50.14	3.73	53.74	3.80	56.56	3.88
	90	41.37	3.59	44.18	3.73	47.00	3.86	49.03	3.91	52.62	3.98	55.44	4.06
	95	40.19	3.75	42.99	3.89	45.78	4.03	47.07	4.08	51.38	4.16	54.18	4.24
	100	39.71	3.91	42.55	4.06	45.39	4.20	46.86	4.25	51.07	4.33	53.91	4.42
	105	39.24	4.07	42.12	4.22	45.00	4.38	46.66	4.43	50.76	4.51	53.63	4.60
	110	38.77	4.23	41.69	4.39	44.60	4.55	46.46	4.60	50.44	4.69	52.53	4.71
	115	38.29	4.39	41.25	4.55	44.08	4.71	45.63	4.71	48.54	4.71	50.36	4.71
	118	38.01	4.49	40.99	4.65	42.93	4.71	44.49	4.71	47.29	4.71	49.12	4.71
	122	37.91	4.62	40.28	4.71	41.64	4.71	43.21	4.71	45.94	4.71	47.75	4.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 62: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	47.31	2.48	50.25	2.57	53.19	2.66	55.31	2.69	59.07	2.74	62.00	2.80
	0	47.29	2.51	50.22	2.60	53.16	2.69	55.28	2.72	59.03	2.77	61.97	2.83
	5	47.25	2.55	50.18	2.64	53.12	2.74	55.24	2.77	58.98	2.82	61.92	2.88
	10	47.21	2.58	50.14	2.68	53.08	2.78	55.19	2.81	58.94	2.86	61.87	2.92
	14	47.18	2.62	50.11	2.72	53.04	2.82	55.15	2.85	58.89	2.90	61.82	2.96
	20	47.14	2.66	50.07	2.76	52.99	2.86	55.11	2.89	58.85	2.95	61.78	3.00
	25	47.10	2.70	50.03	2.80	52.95	2.90	55.07	2.93	58.81	2.99	61.73	3.05
	30	47.07	2.74	49.99	2.84	52.91	2.94	55.03	2.97	58.76	3.03	61.68	3.09
	35	47.03	2.77	49.95	2.87	52.87	2.98	54.98	3.01	58.72	3.07	61.64	3.13
	40	47.00	2.81	49.91	2.91	52.83	3.02	54.94	3.05	58.67	3.11	61.59	3.17
	45	46.96	2.85	49.88	2.95	52.79	3.06	54.90	3.10	58.63	3.15	61.54	3.22
	50	46.92	2.89	49.84	2.99	52.75	3.10	54.86	3.14	58.58	3.20	61.49	3.26
	55	46.89	2.92	49.80	3.03	52.71	3.14	54.81	3.18	58.54	3.24	61.45	3.30
	60	46.85	2.96	49.76	3.07	52.67	3.18	54.77	3.22	58.49	3.28	61.40	3.34
	65	46.82	3.00	49.72	3.11	52.63	3.22	54.73	3.26	58.45	3.32	61.35	3.39
	70	46.78	3.04	49.69	3.15	52.59	3.26	54.69	3.30	58.40	3.36	61.31	3.43
	75	45.65	3.20	48.55	3.32	51.45	3.44	53.54	3.48	57.25	3.54	60.14	3.61
	80	44.53	3.36	47.42	3.49	50.31	3.61	52.40	3.66	56.09	3.73	58.98	3.80
	85	43.41	3.53	46.30	3.66	49.18	3.79	51.26	3.83	54.95	3.91	57.83	3.99
	90	42.30	3.69	45.17	3.83	48.05	3.97	50.13	4.01	53.80	4.09	56.68	4.17
	95	41.09	3.86	43.95	4.00	46.81	4.14	48.12	4.19	52.54	4.27	55.40	4.36
	100	40.60	4.02	43.51	4.17	46.41	4.32	47.91	4.37	52.21	4.45	55.12	4.54
45	105	40.12	4.18	43.06	4.34	46.00	4.50	47.71	4.55	51.89	4.63	54.56	4.71
	110	39.63	4.35	42.62	4.51	45.60	4.67	47.36	4.71	50.45	4.71	52.28	4.71
	115	39.15	4.51	42.18	4.68	43.86	4.71	45.42	4.71	48.33	4.71	50.08	4.71
	118	38.86	4.61	41.26	4.71	42.74	4.71	44.30	4.71	47.12	4.71	48.88	4.71
	122	38.48	4.71	40.08	4.71	41.49	4.71	43.06	4.71	45.72	4.71	47.54	4.71
	-4	48.35	2.55	51.35	2.64	54.35	2.73	56.52	2.77	60.36	2.82	63.36	2.87
	0	48.32	2.57	51.32	2.67	54.33	2.76	56.49	2.80	60.33	2.85	63.33	2.91
	5	48.28	2.62	51.28	2.71	54.28	2.81	56.45	2.84	60.28	2.90	63.28	2.95
	10	48.25	2.65	51.24	2.75	54.24	2.85	56.40	2.88	60.23	2.94	63.23	3.00
	14	48.21	2.69	51.20	2.79	54.20	2.89	56.36	2.93	60.19	2.98	63.18	3.04
	20	48.17	2.73	51.16	2.83	54.16	2.93	56.32	2.97	60.14	3.02	63.13	3.08
	25	48.14	2.77	51.13	2.87	54.12	2.98	56.27	3.01	60.09	3.07	63.08	3.13
	30	48.10	2.81	51.09	2.91	54.07	3.02	56.23	3.05	60.05	3.11	63.04	3.17
	35	48.06	2.85	51.05	2.95	54.03	3.06	56.19	3.09	60.00	3.15	62.99	3.22
	40	48.03	2.89	51.01	2.99	53.99	3.10	56.15	3.14	59.96	3.20	62.94	3.26
	45	47.99	2.92	50.97	3.03	53.95	3.14	56.10	3.18	59.91	3.24	62.89	3.30
	50	47.95	2.96	50.93	3.07	53.91	3.18	56.06	3.22	59.86	3.28	62.84	3.35
	55	47.92	3.00	50.89	3.11	53.87	3.23	56.02	3.26	59.82	3.32	62.79	3.39
	60	47.88	3.04	50.85	3.15	53.83	3.27	55.97	3.30	59.77	3.37	62.75	3.43
	65	47.84	3.08	50.81	3.19	53.78	3.31	55.93	3.35	59.73	3.41	62.70	3.48
	70	47.81	3.12	50.77	3.23	53.74	3.35	55.89	3.39	59.68	3.45	62.65	3.52
	75	46.65	3.29	49.62	3.41	52.58	3.53	54.72	3.57	58.50	3.64	61.46	3.71
	80	45.50	3.45	48.46	3.58	51.41	3.71	53.55	3.75	57.32	3.82	60.28	3.90
	85	44.36	3.62	47.31	3.76	50.26	3.89	52.39	3.94	56.15	4.01	59.10	4.09
	90	43.22	3.79	46.16	3.93	49.10	4.07	51.23	4.12	54.98	4.20	57.92	4.28
	95	41.99	3.96	44.91	4.10	47.84	4.25	49.18	4.30	53.69	4.38	56.61	4.47
	100	41.49	4.13	44.46	4.28	47.42	4.43	48.96	4.49	53.36	4.57	56.32	4.66
	105	41.00	4.30	44.01	4.45	47.01	4.62	48.75	4.67	52.43	4.71	54.38	4.71
	110	40.50	4.46	43.55	4.63	45.69	4.71	47.10	4.71	50.20	4.71	52.06	4.71
	115	40.01	4.63	42.26	4.71	43.65	4.71	45.21	4.71	48.05	4.71	49.90	4.71
	118	39.51	4.71	41.05	4.71	42.56	4.71	44.13	4.71	46.86	4.71	48.63	4.71
	122	38.28	4.71	39.83	4.71	41.27	4.71	42.83	4.71	45.50	4.71	47.26	4.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 63: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	49.39	2.61	52.45	2.71	55.52	2.81	57.74	2.84	61.65	2.89	64.72	2.95
	0	49.36	2.64	52.42	2.74	55.49	2.84	57.70	2.87	61.62	2.92	64.69	2.98
	5	49.32	2.68	52.38	2.78	55.44	2.88	57.66	2.92	61.57	2.97	64.63	3.03
	10	49.28	2.72	52.34	2.82	55.40	2.93	57.61	2.96	61.52	3.02	64.58	3.08
	14	49.24	2.76	52.30	2.86	55.36	2.97	57.57	3.00	61.48	3.06	64.53	3.12
	20	49.21	2.80	52.26	2.91	55.32	3.01	57.52	3.05	61.43	3.10	64.49	3.17
	25	49.17	2.84	52.22	2.95	55.28	3.05	57.48	3.09	61.38	3.15	64.44	3.21
	30	49.13	2.88	52.18	2.99	55.23	3.10	57.44	3.13	61.34	3.19	64.39	3.26
	35	49.09	2.92	52.14	3.03	55.19	3.14	57.39	3.18	61.29	3.23	64.34	3.30
	40	49.06	2.96	52.10	3.07	55.15	3.18	57.35	3.22	61.24	3.28	64.29	3.34
	45	49.02	3.00	52.06	3.11	55.11	3.22	57.31	3.26	61.20	3.32	64.24	3.39
	50	48.98	3.04	52.02	3.15	55.06	3.27	57.26	3.30	61.15	3.37	64.19	3.43
	55	48.94	3.08	51.98	3.19	55.02	3.31	57.22	3.35	61.10	3.41	64.14	3.48
	60	48.91	3.12	51.94	3.23	54.98	3.35	57.17	3.39	61.05	3.45	64.09	3.52
	65	48.87	3.16	51.90	3.28	54.94	3.40	57.13	3.43	61.01	3.50	64.04	3.57
	70	48.83	3.20	51.86	3.32	54.90	3.44	57.09	3.48	60.96	3.54	63.99	3.61
	75	47.66	3.37	50.68	3.50	53.71	3.62	55.89	3.67	59.76	3.73	62.78	3.81
	80	46.48	3.55	49.50	3.67	52.52	3.81	54.70	3.85	58.55	3.92	61.57	4.00
	85	45.32	3.72	48.33	3.85	51.34	3.99	53.51	4.04	57.36	4.12	60.37	4.20
	90	44.15	3.89	47.15	4.03	50.16	4.18	52.33	4.23	56.16	4.31	59.16	4.39
	95	42.89	4.06	45.87	4.21	48.86	4.37	50.23	4.42	54.84	4.50	57.83	4.59
	100	42.38	4.24	45.41	4.39	48.44	4.55	50.01	4.60	54.50	4.69	56.64	4.71
	105	41.88	4.41	44.95	4.57	47.68	4.71	48.93	4.71	52.24	4.71	54.09	4.71
	110	41.37	4.58	44.08	4.71	45.53	4.71	46.85	4.71	49.97	4.71	51.84	4.71
	115	40.49	4.71	42.03	4.71	43.45	4.71	44.93	4.71	47.87	4.71	49.65	4.71
	118	39.27	4.71	40.93	4.71	42.31	4.71	43.88	4.71	46.62	4.71	48.41	4.71
	122	38.08	4.71	39.66	4.71	41.05	4.71	42.62	4.71	45.30	4.71	47.08	4.71
47	-4	50.42	2.68	53.55	2.78	56.69	2.88	58.95	2.91	62.95	2.97	66.08	3.03
	0	50.40	2.71	53.53	2.81	56.66	2.91	58.92	2.94	62.91	3.00	66.04	3.06
	5	50.35	2.75	53.48	2.85	56.61	2.96	58.87	2.99	62.86	3.05	65.99	3.11
	10	50.32	2.79	53.44	2.90	56.57	3.00	58.82	3.04	62.82	3.09	65.94	3.16
	14	50.28	2.83	53.40	2.94	56.52	3.05	58.78	3.08	62.77	3.14	65.89	3.20
	20	50.24	2.88	53.36	2.98	56.48	3.09	58.73	3.12	62.72	3.18	65.84	3.25
	25	50.20	2.92	53.32	3.02	56.44	3.13	58.69	3.17	62.67	3.23	65.79	3.29
	30	50.16	2.96	53.28	3.06	56.39	3.18	58.64	3.21	62.62	3.27	65.74	3.34
	35	50.12	3.00	53.24	3.11	56.35	3.22	58.60	3.26	62.58	3.32	65.69	3.39
	40	50.09	3.04	53.20	3.15	56.31	3.26	58.55	3.30	62.53	3.36	65.64	3.43
	45	50.05	3.08	53.16	3.19	56.26	3.31	58.51	3.35	62.48	3.41	65.59	3.48
	50	50.01	3.12	53.11	3.23	56.22	3.35	58.46	3.39	62.43	3.45	65.54	3.52
	55	49.97	3.16	53.07	3.28	56.18	3.40	58.42	3.43	62.38	3.50	65.49	3.57
	60	49.93	3.20	53.03	3.32	56.13	3.44	58.37	3.48	62.34	3.54	65.44	3.62
	65	49.89	3.24	52.99	3.36	56.09	3.48	58.33	3.52	62.29	3.59	65.39	3.66
	70	49.86	3.28	52.95	3.40	56.05	3.53	58.28	3.57	62.24	3.63	65.34	3.71
	75	48.66	3.46	51.74	3.59	54.83	3.72	57.06	3.76	61.01	3.83	64.10	3.91
	80	47.46	3.64	50.54	3.77	53.62	3.91	55.84	3.95	59.78	4.03	62.86	4.11
	85	46.27	3.81	49.34	3.95	52.41	4.10	54.63	4.14	58.56	4.22	61.63	4.31
	90	45.08	3.99	48.14	4.14	51.21	4.29	53.42	4.34	57.34	4.42	60.41	4.51
	95	43.79	4.17	46.84	4.32	49.89	4.48	51.29	4.53	55.99	4.61	58.99	4.71
	100	43.27	4.35	46.37	4.50	49.46	4.67	50.92	4.71	54.45	4.71	56.30	4.71
	105	42.76	4.52	45.89	4.69	47.48	4.71	48.73	4.71	51.95	4.71	53.82	4.71
	110	42.24	4.70	43.89	4.71	45.29	4.71	46.62	4.71	49.74	4.71	51.53	4.71
	115	40.23	4.71	41.89	4.71	43.26	4.71	44.75	4.71	47.60	4.71	49.40	4.71
	118	39.14	4.71	40.74	4.71	42.14	4.71	43.72	4.71	46.40	4.71	48.20	4.71
	122	37.97	4.71	39.50	4.71	40.85	4.71	42.43	4.71	45.11	4.71	46.82	4.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 64: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	51.46	2.75	54.66	2.85	57.85	2.95	60.16	2.99	64.24	3.04	67.44	3.10
	0	51.43	2.78	54.63	2.88	57.82	2.99	60.13	3.02	64.21	3.08	67.40	3.14
	5	51.39	2.82	54.58	2.93	57.77	3.03	60.08	3.07	64.16	3.13	67.35	3.19
	10	51.35	2.87	54.54	2.97	57.73	3.08	60.03	3.11	64.11	3.17	67.30	3.24
	14	51.31	2.91	54.50	3.01	57.68	3.12	59.99	3.16	64.06	3.22	67.24	3.28
	20	51.27	2.95	54.46	3.06	57.64	3.17	59.94	3.21	64.01	3.27	67.19	3.33
	25	51.23	2.99	54.42	3.10	57.60	3.21	59.89	3.25	63.96	3.31	67.14	3.38
	30	51.19	3.03	54.37	3.14	57.55	3.26	59.85	3.30	63.91	3.36	67.09	3.43
	35	51.16	3.07	54.33	3.19	57.51	3.30	59.80	3.34	63.86	3.40	67.04	3.47
	40	51.12	3.12	54.29	3.23	57.46	3.35	59.76	3.39	63.81	3.45	66.99	3.52
	45	51.08	3.16	54.25	3.27	57.42	3.39	59.71	3.43	63.77	3.50	66.94	3.57
	50	51.04	3.20	54.21	3.32	57.38	3.44	59.67	3.48	63.72	3.54	66.89	3.61
	55	51.00	3.24	54.17	3.36	57.33	3.48	59.62	3.52	63.67	3.59	66.83	3.66
	60	50.96	3.28	54.12	3.40	57.29	3.53	59.57	3.57	63.62	3.64	66.78	3.71
	65	50.92	3.33	54.08	3.45	57.24	3.57	59.53	3.61	63.57	3.68	66.73	3.76
	70	50.88	3.37	54.04	3.49	57.20	3.62	59.48	3.66	63.52	3.73	66.68	3.80
	75	49.66	3.55	52.81	3.68	55.96	3.81	58.24	3.86	62.27	3.93	65.42	4.01
	80	48.43	3.73	51.58	3.87	54.72	4.01	56.99	4.05	61.01	4.13	64.15	4.21
	85	47.22	3.91	50.36	4.05	53.49	4.20	55.76	4.25	59.77	4.33	62.90	4.42
	90	46.01	4.09	49.13	4.24	52.26	4.40	54.52	4.45	58.52	4.53	61.65	4.62
	95	44.69	4.28	47.80	4.43	50.91	4.59	52.34	4.65	56.85	4.71	58.70	4.71
	100	44.16	4.46	47.32	4.62	49.59	4.71	50.68	4.71	54.21	4.71	56.09	4.71
	105	43.64	4.64	45.83	4.71	47.29	4.71	48.45	4.71	51.67	4.71	53.56	4.71
	110	42.09	4.71	43.63	4.71	45.06	4.71	46.40	4.71	49.43	4.71	51.33	4.71
	115	40.08	4.71	41.67	4.71	43.08	4.71	44.49	4.71	47.36	4.71	49.17	4.71
	118	38.93	4.71	40.48	4.71	41.92	4.71	43.50	4.71	46.18	4.71	48.00	4.71
	122	37.72	4.71	39.28	4.71	40.65	4.71	42.24	4.71	44.85	4.71	46.58	4.71
49	-4	52.11	2.78	55.34	2.89	58.58	2.99	60.92	3.03	65.05	3.08	68.29	3.14
	0	52.08	2.81	55.31	2.92	58.55	3.02	60.88	3.06	65.01	3.12	68.25	3.18
	5	52.04	2.86	55.27	2.96	58.50	3.07	60.83	3.11	64.96	3.17	68.19	3.23
	10	52.00	2.90	55.22	3.01	55.77	3.12	60.79	3.15	64.91	3.21	68.14	3.28
	14	51.96	2.95	55.18	3.05	58.41	3.16	60.74	3.20	64.86	3.26	68.09	3.33
	20	51.92	2.99	55.14	3.10	58.36	3.21	60.69	3.25	64.81	3.31	68.04	3.37
	25	51.88	3.03	55.10	3.14	58.32	3.25	60.65	3.29	64.76	3.35	67.99	3.42
	30	51.84	3.07	55.06	3.18	58.28	3.30	60.60	3.34	64.71	3.40	67.93	3.47
	35	51.80	3.11	55.01	3.23	58.23	3.35	60.55	3.38	64.66	3.45	67.88	3.52
	40	51.76	3.16	54.97	3.27	58.19	3.39	60.51	3.43	64.62	3.49	67.83	3.56
	45	51.72	3.20	54.93	3.32	58.14	3.44	60.46	3.48	64.57	3.54	67.78	3.61
	50	51.68	3.24	54.89	3.36	58.10	3.48	60.42	3.52	64.52	3.59	67.73	3.66
	55	51.64	3.28	54.85	3.40	58.05	3.53	60.37	3.57	64.47	3.64	67.67	3.71
	60	51.60	3.33	54.80	3.45	58.01	3.57	60.32	3.61	64.42	3.68	67.62	3.76
	65	51.56	3.37	54.76	3.49	57.96	3.62	60.28	3.66	64.37	3.73	67.57	3.80
	70	51.52	3.41	54.72	3.53	57.92	3.66	60.23	3.71	64.32	3.78	67.52	3.85
	75	50.28	3.59	53.47	3.73	56.66	3.86	58.97	3.91	63.05	3.98	66.24	4.06
	80	49.04	3.78	52.22	3.92	55.41	4.06	57.71	4.11	61.78	4.18	64.96	4.27
	85	47.81	3.96	50.99	4.11	54.16	4.26	56.46	4.31	60.52	4.39	63.69	4.47
	90	46.58	4.15	49.75	4.30	52.92	4.45	55.21	4.51	59.26	4.59	62.42	4.68
	95	45.25	4.33	48.40	4.49	51.55	4.65	53.00	4.71	56.89	4.71	58.76	4.71
	100	44.72	4.51	47.91	4.68	49.63	4.71	50.62	4.71	54.17	4.71	56.06	4.71
	105	44.18	4.70	45.87	4.71	47.26	4.71	48.43	4.71	51.76	4.71	53.57	4.71
	110	42.13	4.71	43.69	4.71	45.05	4.71	46.40	4.71	49.45	4.71	51.36	4.71
	115	40.06	4.71	41.67	4.71	43.10	4.71	44.52	4.71	47.39	4.71	49.22	4.71
	118	38.92	4.71	40.49	4.71	41.94	4.71	43.45	4.71	46.22	4.71	47.98	4.71
	122	37.80	4.71	39.30	4.71	40.69	4.71	42.21	4.71	44.91	4.71	46.65	4.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 65: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-4	52.11	2.78	55.34	2.89	58.58	2.99	60.92	3.03	65.05	3.08	68.29	3.14
	0	52.08	2.81	55.31	2.92	58.55	3.02	60.88	3.06	65.01	3.12	68.25	3.18
	5	52.04	2.86	55.27	2.96	58.50	3.07	60.83	3.11	64.96	3.17	68.19	3.23
	10	52.00	2.90	55.22	3.01	55.77	3.12	60.79	3.15	64.91	3.21	68.14	3.28
	14	51.96	2.95	55.18	3.05	58.41	3.16	60.74	3.20	64.86	3.26	68.09	3.33
	20	51.92	2.99	55.14	3.10	58.36	3.21	60.69	3.25	64.81	3.31	68.04	3.37
	25	51.88	3.03	55.10	3.14	58.32	3.25	60.65	3.29	64.76	3.35	67.99	3.42
	30	51.84	3.07	55.06	3.18	58.28	3.30	60.60	3.34	64.71	3.40	67.93	3.47
	35	51.80	3.11	55.01	3.23	58.23	3.35	60.55	3.38	64.66	3.45	67.88	3.52
	40	51.76	3.16	54.97	3.27	58.19	3.39	60.51	3.43	64.62	3.49	67.83	3.56
	45	51.72	3.20	54.93	3.32	58.14	3.44	60.46	3.48	64.57	3.54	67.78	3.61
	50	51.68	3.24	54.89	3.36	58.10	3.48	60.42	3.52	64.52	3.59	67.73	3.66
	55	51.64	3.28	54.85	3.40	58.05	3.53	60.37	3.57	64.47	3.64	67.67	3.71
	60	51.60	3.33	54.80	3.45	58.01	3.57	60.32	3.61	64.42	3.68	67.62	3.76
	65	51.56	3.37	54.76	3.49	57.96	3.62	60.28	3.66	64.37	3.73	67.57	3.80
	70	51.52	3.41	54.72	3.53	57.92	3.66	60.23	3.71	64.32	3.78	67.52	3.85
	75	50.28	3.59	53.47	3.73	56.66	3.86	58.97	3.91	63.05	3.98	66.24	4.06
	80	49.04	3.78	52.22	3.92	55.41	4.06	57.71	4.11	61.78	4.18	64.96	4.27
	85	47.81	3.96	50.99	4.11	54.16	4.26	56.46	4.31	60.52	4.39	63.69	4.47
	90	46.58	4.15	49.75	4.30	52.92	4.45	55.21	4.51	59.26	4.59	62.42	4.68
	95	45.25	4.33	48.40	4.49	51.55	4.65	53.00	4.71	56.89	4.71	58.76	4.71
	100	44.72	4.51	47.91	4.68	49.63	4.71	50.62	4.71	54.17	4.71	56.06	4.71
	105	44.18	4.70	45.87	4.71	47.26	4.71	48.43	4.71	51.76	4.71	53.57	4.71
	110	42.13	4.71	43.69	4.71	45.05	4.71	46.40	4.71	49.45	4.71	51.36	4.71
	115	40.06	4.71	41.67	4.71	43.10	4.71	44.52	4.71	47.39	4.71	49.22	4.71
	118	38.92	4.71	40.49	4.71	41.94	4.71	43.45	4.71	46.22	4.71	47.98	4.71
	122	37.80	4.71	39.30	4.71	40.69	4.71	42.21	4.71	44.91	4.71	46.65	4.71
51	-4	52.11	2.78	55.34	2.89	58.58	2.99	60.92	3.03	65.05	3.08	68.29	3.14
	0	52.08	2.81	55.31	2.92	58.55	3.02	60.88	3.06	65.01	3.12	68.25	3.18
	5	52.04	2.86	55.27	2.96	58.50	3.07	60.83	3.11	64.96	3.17	68.19	3.23
	10	52.00	2.90	55.22	3.01	55.77	3.12	60.79	3.15	64.91	3.21	68.14	3.28
	14	51.96	2.95	55.18	3.05	58.41	3.16	60.74	3.20	64.86	3.26	68.09	3.33
	20	51.92	2.99	55.14	3.10	58.36	3.21	60.69	3.25	64.81	3.31	68.04	3.37
	25	51.88	3.03	55.10	3.14	58.32	3.25	60.65	3.29	64.76	3.35	67.99	3.42
	30	51.84	3.07	55.06	3.18	58.28	3.30	60.60	3.34	64.71	3.40	67.93	3.47
	35	51.80	3.11	55.01	3.23	58.23	3.35	60.55	3.38	64.66	3.45	67.88	3.52
	40	51.76	3.16	54.97	3.27	58.19	3.39	60.51	3.43	64.62	3.49	67.83	3.56
	45	51.72	3.20	54.93	3.32	58.14	3.44	60.46	3.48	64.57	3.54	67.78	3.61
	50	51.68	3.24	54.89	3.36	58.10	3.48	60.42	3.52	64.52	3.59	67.73	3.66
	55	51.64	3.28	54.85	3.40	58.05	3.53	60.37	3.57	64.47	3.64	67.67	3.71
	60	51.60	3.33	54.80	3.45	58.01	3.57	60.32	3.61	64.42	3.68	67.62	3.76
	65	51.56	3.37	54.76	3.49	57.96	3.62	60.28	3.66	64.37	3.73	67.57	3.80
	70	51.52	3.41	54.72	3.53	57.92	3.66	60.23	3.71	64.32	3.78	67.52	3.85
	75	50.28	3.59	53.47	3.73	56.66	3.86	58.97	3.91	63.05	3.98	66.24	4.06
	80	49.04	3.78	52.22	3.92	55.41	4.06	57.71	4.11	61.78	4.18	64.96	4.27
	85	47.81	3.96	50.99	4.11	54.16	4.26	56.46	4.31	60.52	4.39	63.69	4.47
	90	46.58	4.15	49.75	4.30	52.92	4.45	55.21	4.51	59.26	4.59	62.42	4.68
	95	45.25	4.33	48.40	4.49	51.55	4.65	53.00	4.71	56.89	4.71	58.76	4.71
	100	44.72	4.51	47.91	4.68	49.63	4.71	50.62	4.71	54.17	4.71	56.06	4.71
	105	44.18	4.70	45.87	4.71	47.26	4.71	48.43	4.71	51.76	4.71	53.57	4.71
	110	42.13	4.71	43.69	4.71	45.05	4.71	46.40	4.71	49.45	4.71	51.36	4.71
	115	40.06	4.71	41.67	4.71	43.10	4.71	44.52	4.71	47.39	4.71	49.22	4.71
	118	38.92	4.71	40.49	4.71	41.94	4.71	43.45	4.71	46.22	4.71	47.98	4.71
	122	37.80	4.71	39.30	4.71	40.69	4.71	42.21	4.71	44.91	4.71	46.65	4.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 66: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
52	-4	52.11	2.78	55.34	2.89	58.58	2.99	60.92	3.03	65.05	3.08	68.29	3.14
	0	52.08	2.81	55.31	2.92	58.55	3.02	60.88	3.06	65.01	3.12	68.25	3.18
	5	52.04	2.86	55.27	2.96	58.50	3.07	60.83	3.11	64.96	3.17	68.19	3.23
	10	52.00	2.90	55.22	3.01	55.77	3.12	60.79	3.15	64.91	3.21	68.14	3.28
	14	51.96	2.95	55.18	3.05	58.41	3.16	60.74	3.20	64.86	3.26	68.09	3.33
	20	51.92	2.99	55.14	3.10	58.36	3.21	60.69	3.25	64.81	3.31	68.04	3.37
	25	51.88	3.03	55.10	3.14	58.32	3.25	60.65	3.29	64.76	3.35	67.99	3.42
	30	51.84	3.07	55.06	3.18	58.28	3.30	60.60	3.34	64.71	3.40	67.93	3.47
	35	51.80	3.11	55.01	3.23	58.23	3.35	60.55	3.38	64.66	3.45	67.88	3.52
	40	51.76	3.16	54.97	3.27	58.19	3.39	60.51	3.43	64.62	3.49	67.83	3.56
	45	51.72	3.20	54.93	3.32	58.14	3.44	60.46	3.48	64.57	3.54	67.78	3.61
	50	51.68	3.24	54.89	3.36	58.10	3.48	60.42	3.52	64.52	3.59	67.73	3.66
	55	51.64	3.28	54.85	3.40	58.05	3.53	60.37	3.57	64.47	3.64	67.67	3.71
	60	51.60	3.33	54.80	3.45	58.01	3.57	60.32	3.61	64.42	3.68	67.62	3.76
	65	51.56	3.37	54.76	3.49	57.96	3.62	60.28	3.66	64.37	3.73	67.57	3.80
	70	51.52	3.41	54.72	3.53	57.92	3.66	60.23	3.71	64.32	3.78	67.52	3.85
	75	50.28	3.59	53.47	3.73	56.66	3.86	58.97	3.91	63.05	3.98	66.24	4.06
	80	49.04	3.78	52.22	3.92	55.41	4.06	57.71	4.11	61.78	4.18	64.96	4.27
	85	47.81	3.96	50.99	4.11	54.16	4.26	56.46	4.31	60.52	4.39	63.69	4.47
	90	46.58	4.15	49.75	4.30	52.92	4.45	55.21	4.51	59.26	4.59	62.42	4.68
	95	45.25	4.33	48.40	4.49	51.55	4.65	53.00	4.71	56.89	4.71	58.76	4.71
	100	44.72	4.51	47.91	4.68	49.63	4.71	50.62	4.71	54.17	4.71	56.06	4.71
	105	44.18	4.70	45.87	4.71	47.26	4.71	48.43	4.71	51.76	4.71	53.57	4.71
	110	42.13	4.71	43.69	4.71	45.05	4.71	46.40	4.71	49.45	4.71	51.36	4.71
	115	40.06	4.71	41.67	4.71	43.10	4.71	44.52	4.71	47.39	4.71	49.22	4.71
	118	38.92	4.71	40.49	4.71	41.94	4.71	43.45	4.71	46.22	4.71	47.98	4.71
	122	37.80	4.71	39.30	4.71	40.69	4.71	42.21	4.71	44.91	4.71	46.65	4.71
53	-4	52.11	2.78	55.34	2.89	58.58	2.99	60.92	3.03	65.05	3.08	68.29	3.14
	0	52.08	2.81	55.31	2.92	58.55	3.02	60.88	3.06	65.01	3.12	68.25	3.18
	5	52.04	2.86	55.27	2.96	58.50	3.07	60.83	3.11	64.96	3.17	68.19	3.23
	10	52.00	2.90	55.22	3.01	55.77	3.12	60.79	3.15	64.91	3.21	68.14	3.28
	14	51.96	2.95	55.18	3.05	58.41	3.16	60.74	3.20	64.86	3.26	68.09	3.33
	20	51.92	2.99	55.14	3.10	58.36	3.21	60.69	3.25	64.81	3.31	68.04	3.37
	25	51.88	3.03	55.10	3.14	58.32	3.25	60.65	3.29	64.76	3.35	67.99	3.42
	30	51.84	3.07	55.06	3.18	58.28	3.30	60.60	3.34	64.71	3.40	67.93	3.47
	35	51.80	3.11	55.01	3.23	58.23	3.35	60.55	3.38	64.66	3.45	67.88	3.52
	40	51.76	3.16	54.97	3.27	58.19	3.39	60.51	3.43	64.62	3.49	67.83	3.56
	45	51.72	3.20	54.93	3.32	58.14	3.44	60.46	3.48	64.57	3.54	67.78	3.61
	50	51.68	3.24	54.89	3.36	58.10	3.48	60.42	3.52	64.52	3.59	67.73	3.66
	55	51.64	3.28	54.85	3.40	58.05	3.53	60.37	3.57	64.47	3.64	67.67	3.71
	60	51.60	3.33	54.80	3.45	58.01	3.57	60.32	3.61	64.42	3.68	67.62	3.76
	65	51.56	3.37	54.76	3.49	57.96	3.62	60.28	3.66	64.37	3.73	67.57	3.80
	70	51.52	3.41	54.72	3.53	57.92	3.66	60.23	3.71	64.32	3.78	67.52	3.85
	75	50.28	3.59	53.47	3.73	56.66	3.86	58.97	3.91	63.05	3.98	66.24	4.06
	80	49.04	3.78	52.22	3.92	55.41	4.06	57.71	4.11	61.78	4.18	64.96	4.27
	85	47.81	3.96	50.99	4.11	54.16	4.26	56.46	4.31	60.52	4.39	63.69	4.47
	90	46.58	4.15	49.75	4.30	52.92	4.45	55.21	4.51	59.26	4.59	62.42	4.68
	95	45.25	4.33	48.40	4.49	51.55	4.65	53.00	4.71	56.89	4.71	58.76	4.71
	100	44.72	4.51	47.91	4.68	49.63	4.71	50.62	4.71	54.17	4.71	56.06	4.71
	105	44.18	4.70	45.87	4.71	47.26	4.71	48.43	4.71	51.76	4.71	53.57	4.71
	110	42.13	4.71	43.69	4.71	45.05	4.71	46.40	4.71	49.45	4.71	51.36	4.71
	115	40.06	4.71	41.67	4.71	43.10	4.71	44.52	4.71	47.39	4.71	49.22	4.71
	118	38.92	4.71	40.49	4.71	41.94	4.71	43.45	4.71	46.22	4.71	47.98	4.71
	122	37.80	4.71	39.30	4.71	40.69	4.71	42.21	4.71	44.91	4.71	46.65	4.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 67: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-4	52.11	2.78	55.34	2.89	58.58	2.99	60.92	3.03	65.05	3.08	68.29	3.14
	0	52.08	2.81	55.31	2.92	58.55	3.02	60.88	3.06	65.01	3.12	68.25	3.18
	5	52.04	2.86	55.27	2.96	58.50	3.07	60.83	3.11	64.96	3.17	68.19	3.23
	10	52.00	2.90	55.22	3.01	55.77	3.12	60.79	3.15	64.91	3.21	68.14	3.28
	14	51.96	2.95	55.18	3.05	58.41	3.16	60.74	3.20	64.86	3.26	68.09	3.33
	20	51.92	2.99	55.14	3.10	58.36	3.21	60.69	3.25	64.81	3.31	68.04	3.37
	25	51.88	3.03	55.10	3.14	58.32	3.25	60.65	3.29	64.76	3.35	67.99	3.42
	30	51.84	3.07	55.06	3.18	58.28	3.30	60.60	3.34	64.71	3.40	67.93	3.47
	35	51.80	3.11	55.01	3.23	58.23	3.35	60.55	3.38	64.66	3.45	67.88	3.52
	40	51.76	3.16	54.97	3.27	58.19	3.39	60.51	3.43	64.62	3.49	67.83	3.56
	45	51.72	3.20	54.93	3.32	58.14	3.44	60.46	3.48	64.57	3.54	67.78	3.61
	50	51.68	3.24	54.89	3.36	58.10	3.48	60.42	3.52	64.52	3.59	67.73	3.66
	55	51.64	3.28	54.85	3.40	58.05	3.53	60.37	3.57	64.47	3.64	67.67	3.71
	60	51.60	3.33	54.80	3.45	58.01	3.57	60.32	3.61	64.42	3.68	67.62	3.76
	65	51.56	3.37	54.76	3.49	57.96	3.62	60.28	3.66	64.37	3.73	67.57	3.80
	70	51.52	3.41	54.72	3.53	57.92	3.66	60.23	3.71	64.32	3.78	67.52	3.85
	75	50.28	3.59	53.47	3.73	56.66	3.86	58.97	3.91	63.05	3.98	66.24	4.06
	80	49.04	3.78	52.22	3.92	55.41	4.06	57.71	4.11	61.78	4.18	64.96	4.27
	85	47.81	3.96	50.99	4.11	54.16	4.26	56.46	4.31	60.52	4.39	63.69	4.47
	90	46.58	4.15	49.75	4.30	52.92	4.45	55.21	4.51	59.26	4.59	62.42	4.68
	95	45.25	4.33	48.40	4.49	51.55	4.65	53.00	4.71	56.89	4.71	58.76	4.71
	100	44.72	4.51	47.91	4.68	49.63	4.71	50.62	4.71	54.17	4.71	56.06	4.71
	105	44.18	4.70	45.87	4.71	47.26	4.71	48.43	4.71	51.76	4.71	53.57	4.71
	110	42.13	4.71	43.69	4.71	45.05	4.71	46.40	4.71	49.45	4.71	51.36	4.71
	115	40.06	4.71	41.67	4.71	43.10	4.71	44.52	4.71	47.39	4.71	49.22	4.71
	118	38.92	4.71	40.49	4.71	41.94	4.71	43.45	4.71	46.22	4.71	47.98	4.71
	122	37.80	4.71	39.30	4.71	40.69	4.71	42.21	4.71	44.91	4.71	46.65	4.71
55	-4	52.11	2.78	55.34	2.89	58.58	2.99	60.92	3.03	65.05	3.08	68.29	3.14
	0	52.08	2.81	55.31	2.92	58.55	3.02	60.88	3.06	65.01	3.12	68.25	3.18
	5	52.04	2.86	55.27	2.96	58.50	3.07	60.83	3.11	64.96	3.17	68.19	3.23
	10	52.00	2.90	55.22	3.01	55.77	3.12	60.79	3.15	64.91	3.21	68.14	3.28
	14	51.96	2.95	55.18	3.05	58.41	3.16	60.74	3.20	64.86	3.26	68.09	3.33
	20	51.92	2.99	55.14	3.10	58.36	3.21	60.69	3.25	64.81	3.31	68.04	3.37
	25	51.88	3.03	55.10	3.14	58.32	3.25	60.65	3.29	64.76	3.35	67.99	3.42
	30	51.84	3.07	55.06	3.18	58.28	3.30	60.60	3.34	64.71	3.40	67.93	3.47
	35	51.80	3.11	55.01	3.23	58.23	3.35	60.55	3.38	64.66	3.45	67.88	3.52
	40	51.76	3.16	54.97	3.27	58.19	3.39	60.51	3.43	64.62	3.49	67.83	3.56
	45	51.72	3.20	54.93	3.32	58.14	3.44	60.46	3.48	64.57	3.54	67.78	3.61
	50	51.68	3.24	54.89	3.36	58.10	3.48	60.42	3.52	64.52	3.59	67.73	3.66
	55	51.64	3.28	54.85	3.40	58.05	3.53	60.37	3.57	64.47	3.64	67.67	3.71
	60	51.60	3.33	54.80	3.45	58.01	3.57	60.32	3.61	64.42	3.68	67.62	3.76
	65	51.56	3.37	54.76	3.49	57.96	3.62	60.28	3.66	64.37	3.73	67.57	3.80
	70	51.52	3.41	54.72	3.53	57.92	3.66	60.23	3.71	64.32	3.78	67.52	3.85
	75	50.28	3.59	53.47	3.73	56.66	3.86	58.97	3.91	63.05	3.98	66.24	4.06
	80	49.04	3.78	52.22	3.92	55.41	4.06	57.71	4.11	61.78	4.18	64.96	4.27
	85	47.81	3.96	50.99	4.11	54.16	4.26	56.46	4.31	60.52	4.39	63.69	4.47
	90	46.58	4.15	49.75	4.30	52.92	4.45	55.21	4.51	59.26	4.59	62.42	4.68
	95	45.25	4.33	48.40	4.49	51.55	4.65	53.00	4.71	56.89	4.71	58.76	4.71
	100	44.72	4.51	47.91	4.68	49.63	4.71	50.62	4.71	54.17	4.71	56.06	4.71
	105	44.18	4.70	45.87	4.71	47.26	4.71	48.43	4.71	51.76	4.71	53.57	4.71
	110	42.13	4.71	43.69	4.71	45.05	4.71	46.40	4.71	49.45	4.71	51.36	4.71
	115	40.06	4.71	41.67	4.71	43.10	4.71	44.52	4.71	47.39	4.71	49.22	4.71
	118	38.92	4.71	40.49	4.71	41.94	4.71	43.45	4.71	46.22	4.71	47.98	4.71
	122	37.80	4.71	39.30	4.71	40.69	4.71	42.21	4.71	44.91	4.71	46.65	4.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 68: KUMXA421A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
56	-4	52.11	2.78	55.34	2.89	58.58	2.99	60.92	3.03	65.05	3.08	68.29	3.14
	0	52.08	2.81	55.31	2.92	58.55	3.02	60.88	3.06	65.01	3.12	68.25	3.18
	5	52.04	2.86	55.27	2.96	58.50	3.07	60.83	3.11	64.96	3.17	68.19	3.23
	10	52.00	2.90	55.22	3.01	55.77	3.12	60.79	3.15	64.91	3.21	68.14	3.28
	14	51.96	2.95	55.18	3.05	58.41	3.16	60.74	3.20	64.86	3.26	68.09	3.33
	20	51.92	2.99	55.14	3.10	58.36	3.21	60.69	3.25	64.81	3.31	68.04	3.37
	25	51.88	3.03	55.10	3.14	58.32	3.25	60.65	3.29	64.76	3.35	67.99	3.42
	30	51.84	3.07	55.06	3.18	58.28	3.30	60.60	3.34	64.71	3.40	67.93	3.47
	35	51.80	3.11	55.01	3.23	58.23	3.35	60.55	3.38	64.66	3.45	67.88	3.52
	40	51.76	3.16	54.97	3.27	58.19	3.39	60.51	3.43	64.62	3.49	67.83	3.56
	45	51.72	3.20	54.93	3.32	58.14	3.44	60.46	3.48	64.57	3.54	67.78	3.61
	50	51.68	3.24	54.89	3.36	58.10	3.48	60.42	3.52	64.52	3.59	67.73	3.66
	55	51.64	3.28	54.85	3.40	58.05	3.53	60.37	3.57	64.47	3.64	67.67	3.71
	60	51.60	3.33	54.80	3.45	58.01	3.57	60.32	3.61	64.42	3.68	67.62	3.76
	65	51.56	3.37	54.76	3.49	57.96	3.62	60.28	3.66	64.37	3.73	67.57	3.80
	70	51.52	3.41	54.72	3.53	57.92	3.66	60.23	3.71	64.32	3.78	67.52	3.85
	75	50.28	3.59	53.47	3.73	56.66	3.86	58.97	3.91	63.05	3.98	66.24	4.06
	80	49.04	3.78	52.22	3.92	55.41	4.06	57.71	4.11	61.78	4.18	64.96	4.27
	85	47.81	3.96	50.99	4.11	54.16	4.26	56.46	4.31	60.52	4.39	63.69	4.47
	90	46.58	4.15	49.75	4.30	52.92	4.45	55.21	4.51	59.26	4.59	62.42	4.68
	95	45.25	4.33	48.40	4.49	51.55	4.65	53.00	4.71	56.89	4.71	58.76	4.71
	100	44.72	4.51	47.91	4.68	49.63	4.71	50.62	4.71	54.17	4.71	56.06	4.71
	105	44.18	4.70	45.87	4.71	47.26	4.71	48.43	4.71	51.76	4.71	53.57	4.71
	110	42.13	4.71	43.69	4.71	45.05	4.71	46.40	4.71	49.45	4.71	51.36	4.71
	115	40.06	4.71	41.67	4.71	43.10	4.71	44.52	4.71	47.39	4.71	49.22	4.71
	118	38.92	4.71	40.49	4.71	41.94	4.71	43.45	4.71	46.22	4.71	47.98	4.71
	122	37.80	4.71	39.30	4.71	40.69	4.71	42.21	4.71	44.91	4.71	46.65	4.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 69: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	20.35	1.03	21.61	1.07	22.88	1.11	23.79	1.12	25.41	1.15	26.67	1.17
	0	20.34	1.05	21.60	1.08	22.87	1.12	23.78	1.14	25.39	1.16	26.66	1.18
	5	20.32	1.06	21.59	1.10	22.85	1.14	23.76	1.15	25.37	1.18	26.63	1.20
	10	20.31	1.08	21.57	1.12	22.83	1.16	23.74	1.17	25.35	1.19	26.61	1.22
	14	20.29	1.09	21.55	1.13	22.81	1.18	23.72	1.19	25.33	1.21	26.59	1.24
	20	20.28	1.11	21.54	1.15	22.80	1.19	23.70	1.21	25.31	1.23	26.57	1.25
	25	20.26	1.13	21.52	1.17	22.78	1.21	23.69	1.22	25.29	1.25	26.55	1.27
	30	20.25	1.14	21.50	1.18	22.76	1.23	23.67	1.24	25.28	1.26	26.53	1.29
	35	20.23	1.16	21.49	1.20	22.74	1.24	23.65	1.26	25.26	1.28	26.51	1.31
	40	20.21	1.17	21.47	1.22	22.73	1.26	23.63	1.27	25.24	1.30	26.49	1.32
	45	20.20	1.19	21.45	1.23	22.71	1.28	23.61	1.29	25.22	1.32	26.47	1.34
	50	20.18	1.20	21.44	1.25	22.69	1.29	23.60	1.31	25.20	1.33	26.45	1.36
	55	20.17	1.22	21.42	1.26	22.67	1.31	23.58	1.33	25.18	1.35	26.43	1.38
	60	20.15	1.24	21.40	1.28	22.66	1.33	23.56	1.34	25.16	1.37	26.41	1.40
	65	20.14	1.25	21.39	1.30	22.64	1.34	23.54	1.36	25.14	1.39	26.39	1.41
	70	20.12	1.27	21.37	1.31	22.62	1.36	23.52	1.38	25.12	1.40	26.37	1.43
	75	19.64	1.34	20.88	1.38	22.13	1.43	23.03	1.45	24.62	1.48	25.87	1.51
	80	19.15	1.40	20.40	1.45	21.64	1.51	22.54	1.53	24.13	1.55	25.37	1.59
	85	18.67	1.47	19.91	1.53	21.15	1.58	22.05	1.60	23.64	1.63	24.88	1.66
	90	18.19	1.54	19.43	1.60	20.67	1.65	21.56	1.67	23.14	1.71	24.38	1.74
	95	17.67	1.61	18.90	1.67	20.14	1.73	20.70	1.75	22.60	1.78	23.83	1.82
	100	17.46	1.68	18.71	1.74	19.96	1.80	20.61	1.82	22.46	1.86	23.71	1.89
	105	17.26	1.75	18.52	1.81	19.79	1.88	20.52	1.90	22.32	1.93	23.59	1.97
	110	17.05	1.81	18.33	1.88	19.62	1.95	20.43	1.97	22.18	2.01	23.47	2.05
	115	16.84	1.88	18.14	1.95	19.44	2.02	20.34	2.05	22.05	2.08	23.35	2.13
	118	16.72	1.92	18.03	1.99	19.34	2.07	20.29	2.09	21.96	2.13	23.27	2.17
	122	16.67	1.98	17.99	2.05	19.30	2.12	20.27	2.15	21.94	2.19	23.25	2.23
19	-4	21.39	1.09	22.72	1.13	24.04	1.17	25.00	1.18	26.70	1.21	28.03	1.23
	0	21.38	1.10	22.70	1.14	24.03	1.18	24.99	1.20	26.69	1.22	28.01	1.24
	5	21.36	1.12	22.69	1.16	24.01	1.20	24.97	1.22	26.66	1.24	27.99	1.26
	10	21.34	1.14	22.67	1.18	23.99	1.22	24.95	1.23	26.64	1.26	27.97	1.28
	14	21.33	1.15	22.65	1.19	23.98	1.24	24.93	1.25	26.62	1.28	27.95	1.30
	20	21.31	1.17	22.63	1.21	23.96	1.26	24.91	1.27	26.60	1.29	27.93	1.32
	25	21.29	1.18	22.62	1.23	23.94	1.27	24.89	1.29	26.58	1.31	27.91	1.34
	30	21.28	1.20	22.60	1.25	23.92	1.29	24.87	1.31	26.56	1.33	27.88	1.36
	35	21.26	1.22	22.58	1.26	23.90	1.31	24.86	1.32	26.54	1.35	27.86	1.38
	40	21.24	1.23	22.56	1.28	23.88	1.33	24.84	1.34	26.52	1.37	27.84	1.39
	45	21.23	1.25	22.55	1.30	23.87	1.34	24.82	1.36	26.50	1.39	27.82	1.41
	50	21.21	1.27	22.53	1.31	23.85	1.36	24.80	1.38	26.48	1.40	27.80	1.43
	55	21.20	1.28	22.51	1.33	23.83	1.38	24.78	1.40	26.46	1.42	27.78	1.45
	60	21.18	1.30	22.50	1.35	23.81	1.40	24.76	1.41	26.44	1.44	27.76	1.47
	65	21.16	1.32	22.48	1.37	23.79	1.42	24.74	1.43	26.42	1.46	27.74	1.49
	70	21.15	1.33	22.46	1.38	23.77	1.43	24.72	1.45	26.40	1.48	27.71	1.51
	75	20.64	1.41	21.95	1.46	23.26	1.51	24.20	1.53	25.88	1.56	27.19	1.59
	80	20.13	1.48	21.44	1.53	22.74	1.59	23.69	1.61	25.36	1.64	26.66	1.67
	85	19.63	1.55	20.93	1.61	22.23	1.66	23.17	1.68	24.84	1.72	26.14	1.75
	90	19.12	1.62	20.42	1.68	21.72	1.74	22.66	1.76	24.32	1.80	25.62	1.83
	95	18.57	1.69	19.87	1.76	21.16	1.82	21.75	1.84	23.75	1.87	25.04	1.91
	100	18.35	1.77	19.67	1.83	20.98	1.90	21.66	1.92	23.60	1.95	24.92	1.99
	105	18.14	1.84	19.47	1.90	20.80	1.97	21.57	2.00	23.46	2.03	24.79	2.08
	110	17.92	1.91	19.27	1.98	20.61	2.05	21.47	2.08	23.31	2.11	24.66	2.16
	115	17.70	1.98	19.07	2.05	20.43	2.13	21.38	2.15	23.17	2.19	24.54	2.24
	118	17.57	2.02	18.95	2.10	20.32	2.18	21.32	2.20	23.08	2.24	24.46	2.29
	122	17.52	2.08	18.91	2.16	20.29	2.24	21.30	2.26	23.05	2.31	24.43	2.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 70: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	22.42	1.14	23.82	1.19	25.21	1.23	26.22	1.24	28.00	1.27	29.39	1.29
	0	22.41	1.16	23.80	1.20	25.20	1.24	26.20	1.26	27.98	1.28	29.37	1.31
	5	22.39	1.17	23.79	1.22	25.18	1.26	26.18	1.28	27.96	1.30	29.35	1.33
	10	22.38	1.19	23.77	1.24	25.16	1.28	26.16	1.30	27.94	1.32	29.33	1.35
	14	22.36	1.21	23.75	1.25	25.14	1.30	26.14	1.31	27.91	1.34	29.30	1.37
	20	22.34	1.23	23.73	1.27	25.12	1.32	26.12	1.33	27.89	1.36	29.28	1.39
	25	22.33	1.24	23.71	1.29	25.10	1.34	26.10	1.35	27.87	1.38	29.26	1.41
	30	22.31	1.26	23.69	1.31	25.08	1.36	26.08	1.37	27.85	1.40	29.24	1.43
	35	22.29	1.28	23.68	1.33	25.06	1.37	26.06	1.39	27.83	1.42	29.21	1.44
	40	22.27	1.30	23.66	1.34	25.04	1.39	26.04	1.41	27.81	1.44	29.19	1.46
	45	22.26	1.31	23.64	1.36	25.02	1.41	26.02	1.43	27.79	1.45	29.17	1.48
	50	22.24	1.33	23.62	1.38	25.00	1.43	26.00	1.45	27.77	1.47	29.15	1.50
	55	22.22	1.35	23.60	1.40	24.98	1.45	25.98	1.47	27.74	1.49	29.12	1.52
	60	22.21	1.37	23.59	1.42	24.96	1.47	25.96	1.48	27.72	1.51	29.10	1.54
	65	22.19	1.38	23.57	1.43	24.95	1.49	25.94	1.50	27.70	1.53	29.08	1.56
	70	22.17	1.40	23.55	1.45	24.93	1.51	25.92	1.52	27.68	1.55	29.06	1.58
	75	21.64	1.48	23.01	1.53	24.39	1.59	25.38	1.60	27.13	1.63	28.51	1.67
	80	21.11	1.55	22.48	1.61	23.85	1.67	24.84	1.69	26.59	1.72	27.96	1.75
	85	20.58	1.63	21.94	1.69	23.31	1.75	24.30	1.77	26.04	1.80	27.41	1.84
	90	20.05	1.70	21.41	1.77	22.77	1.83	23.76	1.85	25.50	1.89	26.86	1.92
	95	19.47	1.78	20.83	1.84	22.19	1.91	22.81	1.93	24.90	1.97	26.26	2.01
	100	19.24	1.85	20.62	1.92	22.00	1.99	22.71	2.02	24.75	2.05	26.12	2.09
	105	19.02	1.93	20.41	2.00	21.81	2.07	22.61	2.10	24.60	2.14	25.99	2.18
	110	18.79	2.01	20.20	2.08	21.61	2.15	22.51	2.18	24.44	2.22	25.86	2.26
	115	18.56	2.08	19.99	2.16	21.42	2.24	22.41	2.26	24.29	2.30	25.72	2.35
	118	18.42	2.13	19.86	2.20	21.31	2.28	22.35	2.31	24.20	2.35	25.64	2.40
	122	18.37	2.19	19.82	2.27	21.27	2.35	22.33	2.38	24.17	2.42	25.62	2.47
21	-4	23.46	1.20	24.92	1.24	26.38	1.29	27.43	1.30	29.29	1.33	30.75	1.35
	0	23.45	1.21	24.91	1.26	26.36	1.30	27.41	1.32	29.27	1.34	30.73	1.37
	5	23.43	1.23	24.88	1.28	26.34	1.32	27.39	1.34	29.25	1.36	30.71	1.39
	10	23.41	1.25	24.87	1.30	26.32	1.34	27.37	1.36	29.23	1.38	30.68	1.41
	14	23.39	1.27	24.85	1.31	26.30	1.36	27.35	1.38	29.21	1.40	30.66	1.43
	20	23.38	1.29	24.83	1.33	26.28	1.38	27.33	1.40	29.18	1.42	30.64	1.45
	25	23.36	1.30	24.81	1.35	26.26	1.40	27.31	1.42	29.16	1.44	30.61	1.47
	30	23.34	1.32	24.79	1.37	26.24	1.42	27.29	1.44	29.14	1.46	30.59	1.49
	35	23.32	1.34	24.77	1.39	26.22	1.44	27.27	1.46	29.12	1.48	30.56	1.51
	40	23.30	1.36	24.75	1.41	26.20	1.46	27.24	1.48	29.09	1.50	30.54	1.53
	45	23.29	1.38	24.73	1.43	26.18	1.48	27.22	1.50	29.07	1.52	30.52	1.56
	50	23.27	1.40	24.71	1.45	26.16	1.50	27.20	1.52	29.05	1.54	30.49	1.58
	55	23.25	1.41	24.70	1.47	26.14	1.52	27.18	1.54	29.03	1.56	30.47	1.60
	60	23.23	1.43	24.68	1.48	26.12	1.54	27.16	1.56	29.01	1.59	30.45	1.62
	65	23.22	1.45	24.66	1.50	26.10	1.56	27.14	1.58	28.98	1.61	30.42	1.64
	70	23.20	1.47	24.64	1.52	26.08	1.58	27.12	1.60	28.96	1.63	30.40	1.66
	75	22.64	1.55	24.08	1.60	25.51	1.66	26.55	1.68	28.39	1.71	29.83	1.75
	80	22.08	1.63	23.51	1.69	24.95	1.75	25.98	1.77	27.82	1.80	29.25	1.84
	85	21.53	1.71	22.96	1.77	24.39	1.83	25.42	1.85	27.25	1.89	28.68	1.93
	90	20.97	1.78	22.40	1.85	23.83	1.92	24.86	1.94	26.68	1.98	28.11	2.02
	95	20.37	1.86	21.79	1.93	23.21	2.00	23.86	2.03	26.05	2.06	27.47	2.11
	100	20.13	1.94	21.57	2.01	23.01	2.09	23.76	2.11	25.89	2.15	27.33	2.19
	105	19.89	2.02	21.35	2.10	22.81	2.17	23.66	2.20	25.73	2.24	27.19	2.28
	110	19.65	2.10	21.13	2.18	22.61	2.26	23.55	2.28	25.57	2.33	27.05	2.37
	115	19.41	2.18	20.92	2.26	22.41	2.34	23.45	2.37	25.42	2.41	26.91	2.46
	118	19.27	2.23	20.78	2.31	22.29	2.39	23.39	2.42	25.32	2.47	26.83	2.52
	122	19.22	2.29	20.74	2.38	22.25	2.46	23.37	2.49	25.29	2.54	26.80	2.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 71: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	24.50	1.25	26.02	1.30	27.54	1.35	28.64	1.36	30.58	1.39	32.11	1.42
	0	24.49	1.27	26.01	1.31	27.53	1.36	28.63	1.38	30.57	1.40	32.09	1.43
	5	24.47	1.29	25.98	1.33	27.50	1.38	28.60	1.40	30.54	1.43	32.06	1.45
	10	24.45	1.31	25.96	1.35	27.48	1.40	28.58	1.42	30.52	1.45	32.04	1.48
	14	24.43	1.33	25.95	1.37	27.46	1.42	28.56	1.44	30.50	1.47	32.01	1.50
	20	24.41	1.35	25.93	1.39	27.44	1.45	28.54	1.46	30.47	1.49	31.99	1.52
	25	24.39	1.36	25.91	1.41	27.42	1.47	28.51	1.48	30.45	1.51	31.96	1.54
	30	24.37	1.38	25.89	1.43	27.40	1.49	28.49	1.50	30.43	1.53	31.94	1.56
	35	24.35	1.40	25.87	1.45	27.38	1.51	28.47	1.52	30.40	1.55	31.92	1.58
	40	24.33	1.42	25.85	1.47	27.36	1.53	28.45	1.54	30.38	1.57	31.89	1.61
	45	24.32	1.44	25.83	1.49	27.34	1.55	28.43	1.57	30.36	1.59	31.87	1.63
	50	24.30	1.46	25.81	1.51	27.32	1.57	28.41	1.59	30.33	1.62	31.84	1.65
	55	24.28	1.48	25.79	1.53	27.29	1.59	28.38	1.61	30.31	1.64	31.82	1.67
	60	24.26	1.50	25.77	1.55	27.27	1.61	28.36	1.63	30.29	1.66	31.79	1.69
	65	24.24	1.52	25.75	1.57	27.25	1.63	28.34	1.65	30.26	1.68	31.77	1.71
	70	24.22	1.54	25.73	1.59	27.23	1.65	28.32	1.67	30.24	1.70	31.74	1.73
	75	23.64	1.62	25.14	1.68	26.64	1.74	27.73	1.76	29.64	1.79	31.14	1.83
	80	23.06	1.70	24.55	1.76	26.05	1.83	27.13	1.85	29.05	1.88	30.54	1.92
	85	22.48	1.78	23.97	1.85	25.47	1.92	26.54	1.94	28.45	1.98	29.95	2.01
	90	21.90	1.87	23.39	1.94	24.88	2.01	25.96	2.03	27.86	2.07	29.35	2.11
	95	21.27	1.95	22.76	2.02	24.24	2.09	24.92	2.12	27.20	2.16	28.69	2.20
	100	21.02	2.03	22.53	2.11	24.03	2.18	24.81	2.21	27.04	2.25	28.54	2.30
23	105	20.77	2.12	22.30	2.19	23.82	2.27	24.70	2.30	26.87	2.34	28.39	2.39
	110	20.52	2.20	22.07	2.28	23.61	2.36	24.59	2.39	26.70	2.43	28.25	2.48
	115	20.27	2.28	21.84	2.36	23.40	2.45	24.49	2.48	26.54	2.53	28.10	2.58
	118	20.12	2.33	21.70	2.42	23.28	2.50	24.42	2.53	26.44	2.58	28.02	2.63
	122	20.07	2.40	21.66	2.48	23.24	2.58	24.40	2.61	26.41	2.65	27.99	2.71
	-4	25.54	1.31	27.12	1.36	28.71	1.41	29.85	1.42	31.88	1.45	33.47	1.48
	0	25.52	1.32	27.11	1.37	28.69	1.42	29.84	1.44	31.86	1.46	33.45	1.49
	5	25.50	1.34	27.08	1.39	28.67	1.44	29.81	1.46	31.84	1.49	33.42	1.52
	10	25.48	1.36	27.06	1.41	28.65	1.47	29.79	1.48	31.81	1.51	33.39	1.54
	14	25.46	1.38	27.04	1.44	28.62	1.49	29.77	1.50	31.79	1.53	33.37	1.56
	20	25.44	1.40	27.02	1.46	28.60	1.51	29.74	1.53	31.76	1.55	33.34	1.59
	25	25.42	1.42	27.00	1.48	28.58	1.53	29.72	1.55	31.74	1.58	33.32	1.61
	30	25.40	1.44	26.98	1.50	28.56	1.55	29.70	1.57	31.71	1.60	33.29	1.63
	35	25.38	1.46	26.96	1.52	28.54	1.57	29.68	1.59	31.69	1.62	33.27	1.65
	40	25.36	1.48	26.94	1.54	28.52	1.59	29.65	1.61	31.67	1.64	33.24	1.68
	45	25.35	1.50	26.92	1.56	28.49	1.62	29.63	1.63	31.64	1.66	33.22	1.70
	50	25.33	1.52	26.90	1.58	28.47	1.64	29.61	1.66	31.62	1.69	33.19	1.72
	55	25.31	1.54	26.88	1.60	28.45	1.66	29.59	1.68	31.59	1.71	33.16	1.74
	60	25.29	1.56	26.86	1.62	28.43	1.68	29.56	1.70	31.57	1.73	33.14	1.77
	65	25.27	1.58	26.84	1.64	28.41	1.70	29.54	1.72	31.54	1.75	33.11	1.79
	70	25.25	1.60	26.82	1.66	28.38	1.72	29.52	1.74	31.52	1.78	33.09	1.81
	75	24.64	1.69	26.21	1.75	27.77	1.82	28.90	1.84	30.90	1.87	32.46	1.91
	80	24.03	1.78	25.59	1.84	27.15	1.91	28.28	1.93	30.27	1.97	31.83	2.01
	85	23.43	1.86	24.99	1.93	26.54	2.00	27.67	2.02	29.66	2.06	31.21	2.10
	90	22.83	1.95	24.38	2.02	25.93	2.09	27.06	2.12	29.04	2.16	30.59	2.20
	95	22.18	2.04	23.72	2.11	25.27	2.19	25.97	2.21	28.35	2.25	29.90	2.30
	100	21.91	2.12	23.48	2.20	25.05	2.28	25.86	2.31	28.18	2.35	29.75	2.40
	105	21.65	2.21	23.24	2.29	24.83	2.37	25.75	2.40	28.01	2.45	29.60	2.49
	110	21.39	2.30	23.00	2.38	24.61	2.47	25.64	2.49	27.84	2.54	29.44	2.59
	115	21.13	2.38	22.76	2.47	24.40	2.56	25.52	2.59	27.66	2.64	29.29	2.69
	118	20.97	2.43	22.62	2.52	24.26	2.61	25.45	2.64	27.56	2.69	29.20	2.75
	122	20.92	2.50	22.57	2.59	24.22	2.69	25.43	2.72	27.52	2.77	29.17	2.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 72: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	26.57	1.36	28.22	1.41	29.87	1.47	31.07	1.48	33.17	1.51	34.82	1.54
	0	26.56	1.38	28.21	1.43	29.86	1.48	31.05	1.50	33.16	1.53	34.81	1.56
	5	26.54	1.40	28.18	1.45	29.83	1.51	31.02	1.52	33.13	1.55	34.78	1.58
	10	26.52	1.42	28.16	1.47	29.81	1.53	31.00	1.55	33.10	1.57	34.75	1.61
	14	26.50	1.44	28.14	1.50	29.79	1.55	30.98	1.57	33.08	1.60	34.72	1.63
	20	26.48	1.46	28.12	1.52	29.76	1.57	30.95	1.59	33.05	1.62	34.70	1.65
	25	26.46	1.48	28.10	1.54	29.74	1.60	30.93	1.61	33.03	1.64	34.67	1.68
	30	26.44	1.51	28.08	1.56	29.72	1.62	30.90	1.64	33.00	1.67	34.64	1.70
	35	26.42	1.53	28.06	1.58	29.70	1.64	30.88	1.66	32.98	1.69	34.62	1.72
	40	26.39	1.55	28.03	1.60	29.67	1.66	30.86	1.68	32.95	1.71	34.59	1.75
	45	26.37	1.57	28.01	1.62	29.65	1.68	30.83	1.70	32.93	1.74	34.56	1.77
	50	26.35	1.59	27.99	1.65	29.63	1.71	30.81	1.73	32.90	1.76	34.54	1.79
	55	26.33	1.61	27.97	1.67	29.61	1.73	30.79	1.75	32.88	1.78	34.51	1.82
	60	26.31	1.63	27.95	1.69	29.58	1.75	30.76	1.77	32.85	1.80	34.49	1.84
	65	26.29	1.65	27.93	1.71	29.56	1.77	30.74	1.79	32.83	1.83	34.46	1.86
	70	26.27	1.67	27.91	1.73	29.54	1.80	30.72	1.82	32.80	1.85	34.43	1.89
	75	25.64	1.76	27.27	1.83	28.90	1.89	30.07	1.91	32.15	1.95	33.78	1.99
	80	25.01	1.85	26.63	1.92	28.26	1.99	29.43	2.01	31.50	2.05	33.13	2.09
	85	24.38	1.94	26.00	2.01	27.62	2.09	28.79	2.11	30.86	2.15	32.48	2.19
	90	23.76	2.03	25.37	2.11	26.99	2.18	28.15	2.21	30.22	2.25	31.83	2.29
	95	23.08	2.12	24.68	2.20	26.29	2.28	27.03	2.31	29.51	2.35	31.11	2.40
	100	22.80	2.21	24.43	2.29	26.06	2.38	26.91	2.40	29.33	2.45	30.96	2.50
	105	22.53	2.30	24.19	2.39	25.84	2.47	26.79	2.50	29.15	2.55	30.80	2.60
	110	22.26	2.39	23.94	2.48	25.61	2.57	26.68	2.60	28.97	2.65	30.64	2.70
	115	21.99	2.48	23.69	2.57	25.39	2.67	26.56	2.70	28.79	2.75	30.48	2.80
	118	21.83	2.54	23.54	2.63	25.25	2.73	26.49	2.76	28.68	2.81	30.39	2.87
	122	21.77	2.61	23.49	2.70	25.20	2.80	26.46	2.84	28.64	2.89	30.36	2.95
25	-4	27.61	1.42	29.32	1.47	31.04	1.53	32.28	1.54	34.47	1.57	36.18	1.60
	0	27.59	1.44	29.31	1.49	31.02	1.54	32.26	1.56	34.45	1.59	36.16	1.62
	5	27.57	1.46	29.28	1.51	31.00	1.57	32.23	1.59	34.42	1.62	36.13	1.65
	10	27.55	1.48	29.26	1.53	30.97	1.59	32.21	1.61	34.40	1.64	36.11	1.67
	14	27.53	1.50	29.24	1.56	30.95	1.61	32.18	1.63	34.37	1.66	36.08	1.70
	20	27.51	1.52	29.22	1.58	30.93	1.64	32.16	1.66	34.34	1.69	36.05	1.72
	25	27.49	1.55	29.20	1.60	30.90	1.66	32.14	1.68	34.32	1.71	36.02	1.75
	30	27.47	1.57	29.17	1.62	30.88	1.68	32.11	1.70	34.29	1.73	36.00	1.77
	35	27.45	1.59	29.15	1.65	30.86	1.71	32.09	1.73	34.26	1.76	35.97	1.79
	40	27.43	1.61	29.13	1.67	30.83	1.73	32.06	1.75	34.24	1.78	35.94	1.82
	45	27.40	1.63	29.11	1.69	30.81	1.75	32.04	1.77	34.21	1.81	35.91	1.84
	50	27.38	1.65	29.08	1.71	30.78	1.78	32.01	1.80	34.19	1.83	35.89	1.87
	55	27.36	1.67	29.06	1.74	30.76	1.80	31.99	1.82	34.16	1.85	35.86	1.89
	60	27.34	1.70	29.04	1.76	30.74	1.82	31.96	1.84	34.13	1.88	35.83	1.92
	65	27.32	1.72	29.02	1.78	30.71	1.85	31.94	1.87	34.11	1.90	35.80	1.94
	70	27.30	1.74	28.99	1.80	30.69	1.87	31.91	1.89	34.08	1.93	35.78	1.96
	75	26.64	1.83	28.33	1.90	30.02	1.97	31.25	1.99	33.41	2.03	35.10	2.07
	80	25.99	1.93	27.67	2.00	29.36	2.07	30.58	2.09	32.73	2.13	34.42	2.18
	85	25.33	2.02	27.02	2.09	28.70	2.17	29.92	2.20	32.07	2.24	33.75	2.28
	90	24.68	2.11	26.36	2.19	28.04	2.27	29.25	2.30	31.40	2.34	33.08	2.39
	95	23.98	2.21	25.65	2.29	27.32	2.37	28.08	2.40	30.66	2.45	32.33	2.49
	100	23.69	2.30	25.39	2.39	27.08	2.47	27.96	2.50	30.47	2.55	32.16	2.60
	105	23.41	2.40	25.13	2.48	26.85	2.57	27.84	2.60	30.28	2.65	32.00	2.71
	110	23.13	2.49	24.87	2.58	26.61	2.68	27.72	2.71	30.10	2.76	31.84	2.81
	115	22.85	2.58	24.61	2.68	26.38	2.78	27.59	2.81	29.91	2.86	31.67	2.92
	118	22.68	2.64	24.46	2.74	26.24	2.84	27.52	2.87	29.80	2.92	31.57	2.98
	122	22.62	2.72	24.41	2.81	26.19	2.92	27.50	2.95	29.76	3.01	31.54	3.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 73: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	28.65	1.48	30.43	1.53	32.20	1.59	33.49	1.60	35.76	1.63	37.54	1.67
	0	28.63	1.49	30.41	1.55	32.19	1.60	33.47	1.62	35.74	1.65	37.52	1.69
	5	28.61	1.52	30.38	1.57	32.16	1.63	33.44	1.65	35.71	1.68	37.49	1.71
	10	28.59	1.54	30.36	1.59	32.14	1.65	33.42	1.67	35.69	1.70	37.46	1.74
	14	28.56	1.56	30.34	1.62	32.11	1.68	33.39	1.70	35.66	1.73	37.43	1.76
	20	28.54	1.58	30.31	1.64	32.09	1.70	33.37	1.72	35.63	1.75	37.41	1.79
	25	28.52	1.61	30.29	1.66	32.06	1.73	33.34	1.75	35.61	1.78	37.38	1.81
	30	28.50	1.63	30.27	1.69	32.04	1.75	33.32	1.77	35.58	1.80	37.35	1.84
	35	28.48	1.65	30.25	1.71	32.01	1.77	33.29	1.79	35.55	1.83	37.32	1.86
	40	28.46	1.67	30.22	1.73	31.99	1.80	33.27	1.82	35.52	1.85	37.29	1.89
	45	28.43	1.70	30.20	1.76	31.96	1.82	33.24	1.84	35.50	1.88	37.26	1.92
	50	28.41	1.72	30.18	1.78	31.94	1.85	33.21	1.87	35.47	1.90	37.23	1.94
	55	28.39	1.74	30.15	1.80	31.92	1.87	33.19	1.89	35.44	1.93	37.21	1.97
	60	28.37	1.76	30.13	1.83	31.89	1.89	33.16	1.92	35.42	1.95	37.18	1.99
	65	28.35	1.79	30.11	1.85	31.87	1.92	33.14	1.94	35.39	1.98	37.15	2.02
	70	28.32	1.81	30.08	1.87	31.84	1.94	33.11	1.96	35.36	2.00	37.12	2.04
	75	27.64	1.91	29.40	1.98	31.15	2.05	32.42	2.07	34.66	2.11	36.42	2.15
	80	26.96	2.00	28.71	2.08	30.46	2.15	31.73	2.18	33.96	2.22	35.71	2.26
	85	26.29	2.10	28.03	2.18	29.78	2.26	31.04	2.28	33.27	2.33	35.02	2.37
	90	25.61	2.20	27.35	2.28	29.09	2.36	30.35	2.39	32.58	2.43	34.32	2.48
	95	24.88	2.30	26.61	2.38	28.34	2.47	29.14	2.49	31.81	2.54	33.54	2.59
	100	24.58	2.39	26.34	2.48	28.10	2.57	29.01	2.60	31.61	2.65	33.37	2.70
27	105	24.29	2.49	26.07	2.58	27.86	2.68	28.88	2.71	31.42	2.76	33.20	2.81
	110	24.00	2.59	25.81	2.68	27.61	2.78	28.76	2.81	31.23	2.87	33.03	2.92
	115	23.70	2.69	25.54	2.78	27.37	2.89	28.63	2.92	31.03	2.97	32.86	3.03
	118	23.53	2.74	25.38	2.84	27.22	2.95	28.56	2.98	30.92	3.04	32.76	3.10
	122	23.47	2.82	25.32	2.93	27.17	3.03	28.53	3.07	30.88	3.12	32.73	3.19
	-4	29.68	1.53	31.53	1.59	33.37	1.65	34.70	1.66	37.06	1.70	38.90	1.73
	0	29.67	1.55	31.51	1.61	33.35	1.66	34.68	1.68	37.04	1.71	38.88	1.75
	5	29.64	1.57	31.48	1.63	33.33	1.69	34.65	1.71	37.01	1.74	38.85	1.78
	10	29.62	1.60	31.46	1.66	33.30	1.72	34.63	1.74	36.98	1.77	38.82	1.80
	14	29.60	1.62	31.44	1.68	33.27	1.74	34.60	1.76	36.95	1.79	38.79	1.83
	20	29.58	1.64	31.41	1.70	33.25	1.77	34.58	1.79	36.92	1.82	38.76	1.86
	25	29.55	1.67	31.39	1.73	33.22	1.79	34.55	1.81	36.89	1.85	38.73	1.88
	30	29.53	1.69	31.36	1.75	33.20	1.82	34.52	1.84	36.87	1.87	38.70	1.91
	35	29.51	1.71	31.34	1.78	33.17	1.84	34.50	1.86	36.84	1.90	38.67	1.94
	40	29.49	1.74	31.32	1.80	33.15	1.87	34.47	1.89	36.81	1.92	38.64	1.96
	45	29.46	1.76	31.29	1.82	33.12	1.89	34.44	1.91	36.78	1.95	38.61	1.99
	50	29.44	1.78	31.27	1.85	33.10	1.92	34.42	1.94	36.75	1.97	38.58	2.01
	55	29.42	1.81	31.24	1.87	33.07	1.94	34.39	1.96	36.73	2.00	38.55	2.04
	60	29.39	1.83	31.22	1.90	33.05	1.97	34.36	1.99	36.70	2.03	38.52	2.07
	65	29.37	1.85	31.20	1.92	33.02	1.99	34.34	2.01	36.67	2.05	38.49	2.09
	70	29.35	1.88	31.17	1.95	33.00	2.02	34.31	2.04	36.64	2.08	38.46	2.12
	75	28.64	1.98	30.46	2.05	32.28	2.12	33.59	2.15	35.92	2.19	37.73	2.23
	80	27.94	2.08	29.75	2.15	31.56	2.23	32.87	2.26	35.19	2.30	37.01	2.35
	85	27.24	2.18	29.05	2.26	30.86	2.34	32.16	2.37	34.47	2.41	36.28	2.46
	90	26.54	2.28	28.34	2.36	30.15	2.45	31.45	2.48	33.76	2.53	35.56	2.58
	95	25.78	2.38	27.57	2.47	29.37	2.56	30.19	2.59	32.96	2.64	34.76	2.69
	100	25.47	2.48	27.30	2.57	29.12	2.67	30.06	2.70	32.76	2.75	34.58	2.81
	105	25.17	2.59	27.02	2.68	28.86	2.78	29.93	2.81	32.56	2.86	34.40	2.92
	110	24.87	2.69	26.74	2.78	28.61	2.89	29.80	2.92	32.36	2.97	34.23	3.03
	115	24.56	2.79	26.46	2.89	28.36	3.00	29.67	3.03	32.16	3.09	34.05	3.15
	118	24.38	2.85	26.29	2.95	28.21	3.06	29.59	3.10	32.03	3.15	33.95	3.22
	122	24.32	2.93	26.24	3.04	28.16	3.15	29.56	3.18	31.99	3.24	33.91	3.31

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 74: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	30.72	1.59	32.63	1.65	34.54	1.71	35.91	1.73	38.35	1.76	40.26	1.79
	0	30.70	1.61	32.61	1.66	34.52	1.72	35.89	1.74	38.33	1.78	40.24	1.81
	5	30.68	1.63	32.58	1.69	34.49	1.75	35.87	1.77	38.30	1.81	40.21	1.84
	10	30.66	1.66	32.56	1.72	34.46	1.78	35.84	1.80	38.27	1.83	40.17	1.87
	14	30.63	1.68	32.53	1.74	34.44	1.80	35.81	1.83	38.24	1.86	40.14	1.90
	20	30.61	1.70	32.51	1.77	34.41	1.83	35.78	1.85	38.21	1.89	40.11	1.92
	25	30.59	1.73	32.48	1.79	34.38	1.86	35.76	1.88	38.18	1.91	40.08	1.95
	30	30.56	1.75	32.46	1.82	34.36	1.88	35.73	1.90	38.15	1.94	40.05	1.98
	35	30.54	1.78	32.44	1.84	34.33	1.91	35.70	1.93	38.12	1.97	40.02	2.01
	40	30.52	1.80	32.41	1.87	34.31	1.93	35.67	1.96	38.10	1.99	39.99	2.03
	45	30.49	1.82	32.39	1.89	34.28	1.96	35.65	1.98	38.07	2.02	39.96	2.06
	50	30.47	1.85	32.36	1.92	34.25	1.99	35.62	2.01	38.04	2.05	39.93	2.09
	55	30.45	1.87	32.34	1.94	34.23	2.01	35.59	2.04	38.01	2.07	39.90	2.12
	60	30.42	1.90	32.31	1.97	34.20	2.04	35.56	2.06	37.98	2.10	39.87	2.14
	65	30.40	1.92	32.29	1.99	34.17	2.06	35.54	2.09	37.95	2.13	39.84	2.17
	70	30.37	1.95	32.26	2.02	34.15	2.09	35.51	2.11	37.92	2.15	39.81	2.20
	75	29.64	2.05	31.53	2.13	33.41	2.20	34.77	2.23	37.17	2.27	39.05	2.32
	80	28.91	2.16	30.79	2.23	32.67	2.32	34.02	2.34	36.42	2.39	38.30	2.43
	85	28.19	2.26	30.06	2.34	31.93	2.43	33.29	2.46	35.68	2.50	37.55	2.55
	90	27.46	2.37	29.33	2.45	31.20	2.54	32.55	2.57	34.94	2.62	36.80	2.67
	95	26.68	2.47	28.54	2.56	30.39	2.65	31.25	2.68	34.11	2.73	35.97	2.79
	100	26.36	2.58	28.25	2.67	30.13	2.77	31.11	2.80	33.90	2.85	35.79	2.91
	105	26.05	2.68	27.96	2.78	29.87	2.88	30.98	2.91	33.70	2.97	35.61	3.03
	110	25.74	2.79	27.67	2.89	29.61	2.99	30.84	3.03	33.49	3.08	35.42	3.15
	115	25.42	2.89	27.39	3.00	29.35	3.10	30.70	3.14	33.28	3.20	35.24	3.26
	118	25.23	2.95	27.21	3.06	29.19	3.17	30.62	3.21	33.15	3.27	35.13	3.34
	122	25.17	3.04	27.16	3.15	29.14	3.26	30.60	3.30	33.11	3.36	35.10	3.43
29	-4	31.76	1.64	33.73	1.70	35.70	1.77	37.13	1.79	39.65	1.82	41.62	1.86
	0	31.74	1.66	33.71	1.72	35.68	1.79	37.11	1.81	39.63	1.84	41.60	1.88
	5	31.71	1.69	33.68	1.75	35.65	1.82	37.08	1.84	39.59	1.87	41.56	1.91
	10	31.69	1.71	33.66	1.78	35.63	1.84	37.05	1.86	39.56	1.90	41.53	1.94
	14	31.67	1.74	33.63	1.80	35.60	1.87	37.02	1.89	39.53	1.93	41.50	1.96
	20	31.64	1.76	33.61	1.83	35.57	1.90	36.99	1.92	39.50	1.95	41.47	1.99
	25	31.62	1.79	33.58	1.85	35.54	1.92	36.96	1.94	39.47	1.98	41.44	2.02
	30	31.59	1.81	33.56	1.88	35.52	1.95	36.93	1.97	39.44	2.01	41.40	2.05
	35	31.57	1.84	33.53	1.91	35.49	1.98	36.91	2.00	39.41	2.04	41.37	2.08
	40	31.55	1.86	33.50	1.93	35.46	2.00	36.88	2.03	39.38	2.06	41.34	2.11
	45	31.52	1.89	33.48	1.96	35.44	2.03	36.85	2.05	39.35	2.09	41.31	2.13
	50	31.50	1.91	33.45	1.98	35.41	2.06	36.82	2.08	39.32	2.12	41.28	2.16
	55	31.47	1.94	33.43	2.01	35.38	2.08	36.79	2.11	39.29	2.15	41.25	2.19
	60	31.45	1.96	33.40	2.04	35.35	2.11	36.77	2.14	39.26	2.17	41.21	2.22
	65	31.42	1.99	33.38	2.06	35.33	2.14	36.74	2.16	39.23	2.20	41.18	2.25
	70	31.40	2.01	33.35	2.09	35.30	2.16	36.71	2.19	39.20	2.23	41.15	2.28
	75	30.64	2.12	32.59	2.20	34.54	2.28	35.94	2.31	38.43	2.35	40.37	2.40
	80	29.89	2.23	31.83	2.31	33.77	2.40	35.17	2.43	37.65	2.47	39.59	2.52
	85	29.14	2.34	31.08	2.43	33.01	2.51	34.41	2.54	36.88	2.59	38.82	2.64
	90	28.39	2.45	30.32	2.54	32.25	2.63	33.65	2.66	36.11	2.71	38.05	2.77
	95	27.58	2.56	29.50	2.65	31.42	2.75	32.30	2.78	35.26	2.83	37.18	2.89
	100	27.25	2.67	29.20	2.76	31.15	2.86	32.16	2.90	35.05	2.95	37.00	3.01
	105	26.93	2.78	28.91	2.88	30.88	2.98	32.02	3.02	34.83	3.07	36.81	3.13
	110	26.60	2.88	28.61	2.99	30.61	3.10	31.88	3.13	34.62	3.19	36.62	3.26
	115	26.28	2.99	28.31	3.10	30.34	3.22	31.74	3.25	34.40	3.31	36.43	3.38
	118	26.08	3.06	28.13	3.17	30.18	3.29	31.66	3.32	34.27	3.39	36.32	3.45
	122	26.02	3.14	28.07	3.26	30.12	3.38	31.63	3.42	34.23	3.48	36.28	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 75: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	32.79	1.70	34.83	1.76	36.87	1.83	38.34	1.85	40.94	1.88	42.98	1.92
	0	32.78	1.72	34.81	1.78	36.85	1.85	38.32	1.87	40.92	1.90	42.95	1.94
	5	32.75	1.75	34.78	1.81	36.82	1.88	38.29	1.90	40.89	1.94	42.92	1.97
	10	32.72	1.77	34.76	1.84	36.79	1.91	38.26	1.93	40.85	1.96	42.89	2.00
	14	32.70	1.80	34.73	1.87	36.76	1.93	38.23	1.96	40.82	1.99	42.85	2.03
	20	32.67	1.83	34.70	1.89	36.73	1.96	38.20	1.98	40.79	2.02	42.82	2.06
	25	32.65	1.85	34.68	1.92	36.71	1.99	38.17	2.01	40.76	2.05	42.79	2.09
	30	32.63	1.88	34.65	1.95	36.68	2.02	38.14	2.04	40.73	2.08	42.76	2.12
	35	32.60	1.90	34.62	1.97	36.65	2.04	38.11	2.07	40.70	2.11	42.72	2.15
	40	32.58	1.93	34.60	2.00	36.62	2.07	38.08	2.10	40.67	2.14	42.69	2.18
	45	32.55	1.95	34.57	2.03	36.59	2.10	38.05	2.12	40.64	2.16	42.66	2.21
	50	32.53	1.98	34.55	2.05	36.57	2.13	38.02	2.15	40.61	2.19	42.63	2.24
	55	32.50	2.01	34.52	2.08	36.54	2.16	37.99	2.18	40.57	2.22	42.59	2.27
	60	32.48	2.03	34.49	2.11	36.51	2.18	37.97	2.21	40.54	2.25	42.56	2.30
	65	32.45	2.06	34.47	2.13	36.48	2.21	37.94	2.24	40.51	2.28	42.53	2.32
	70	32.43	2.08	34.44	2.16	36.45	2.24	37.91	2.26	40.48	2.31	42.49	2.35
	75	31.65	2.20	33.65	2.28	35.66	2.36	37.11	2.39	39.68	2.43	41.69	2.48
	80	30.86	2.31	32.87	2.39	34.87	2.48	36.32	2.51	38.88	2.56	40.88	2.61
	85	30.09	2.42	32.09	2.51	34.09	2.60	35.53	2.63	38.09	2.68	40.09	2.73
	90	29.32	2.53	31.31	2.63	33.31	2.72	34.75	2.75	37.29	2.80	39.29	2.86
	95	28.48	2.65	30.46	2.74	32.45	2.84	33.36	2.88	36.41	2.93	38.40	2.99
	100	28.14	2.76	30.16	2.86	32.17	2.96	33.21	3.00	36.19	3.05	38.20	3.12
	105	27.81	2.87	29.85	2.98	31.89	3.08	33.07	3.12	35.97	3.18	38.01	3.24
	110	27.47	2.98	29.54	3.09	31.61	3.21	32.92	3.24	35.75	3.30	37.81	3.37
	115	27.14	3.10	29.23	3.21	31.33	3.33	32.78	3.36	35.53	3.43	37.62	3.50
	118	26.94	3.16	29.05	3.28	31.16	3.40	32.69	3.44	35.39	3.50	37.50	3.57
	122	26.87	3.25	28.99	3.37	31.11	3.50	32.66	3.54	35.35	3.60	37.46	3.67
31	-4	33.83	1.76	35.93	1.82	38.03	1.89	39.55	1.91	42.24	1.95	44.34	1.99
	0	33.81	1.78	35.91	1.84	38.01	1.91	39.53	1.93	42.21	1.97	44.31	2.01
	5	33.79	1.81	35.88	1.87	37.98	1.94	39.50	1.96	42.18	2.00	44.28	2.04
	10	33.76	1.83	35.86	1.90	37.95	1.97	39.47	1.99	42.15	2.03	44.24	2.07
	14	33.73	1.86	35.83	1.93	37.92	2.00	39.44	2.02	42.11	2.06	44.21	2.10
	20	33.71	1.89	35.80	1.96	37.90	2.03	39.41	2.05	42.08	2.09	44.18	2.13
	25	33.68	1.91	35.77	1.98	37.87	2.06	39.38	2.08	42.05	2.12	44.14	2.16
	30	33.66	1.94	35.75	2.01	37.84	2.08	39.35	2.11	42.02	2.15	44.11	2.19
	35	33.63	1.97	35.72	2.04	37.81	2.11	39.32	2.14	41.99	2.18	44.07	2.22
	40	33.61	1.99	35.69	2.07	37.78	2.14	39.29	2.17	41.95	2.21	44.04	2.25
	45	33.58	2.02	35.66	2.09	37.75	2.17	39.26	2.20	41.92	2.24	44.01	2.28
	50	33.55	2.05	35.64	2.12	37.72	2.20	39.23	2.22	41.89	2.27	43.97	2.31
	55	33.53	2.07	35.61	2.15	37.69	2.23	39.20	2.25	41.86	2.30	43.94	2.34
	60	33.50	2.10	35.58	2.18	37.66	2.26	39.17	2.28	41.82	2.33	43.91	2.37
	65	33.48	2.13	35.56	2.20	37.63	2.28	39.14	2.31	41.79	2.35	43.87	2.40
	70	33.45	2.15	35.53	2.23	37.61	2.31	39.11	2.34	41.76	2.38	43.84	2.43
	75	32.65	2.27	34.72	2.35	36.79	2.44	38.29	2.47	40.94	2.51	43.01	2.56
	80	31.84	2.39	33.91	2.47	35.98	2.56	37.47	2.59	40.11	2.64	42.18	2.69
	85	31.04	2.50	33.11	2.59	35.17	2.69	36.66	2.72	39.29	2.77	41.35	2.83
	90	30.25	2.62	32.30	2.71	34.36	2.81	35.84	2.85	38.47	2.90	40.53	2.96
	95	29.38	2.73	31.43	2.83	33.47	2.94	34.41	2.97	37.57	3.03	39.61	3.09
	100	29.03	2.85	31.11	2.95	33.18	3.06	34.26	3.10	37.34	3.16	39.41	3.22
	105	28.69	2.97	30.79	3.08	32.90	3.19	34.11	3.22	37.11	3.28	39.21	3.35
	110	28.34	3.08	30.48	3.20	32.61	3.31	33.96	3.35	36.88	3.41	39.01	3.48
	115	28.00	3.20	30.16	3.32	32.32	3.44	33.81	3.48	36.65	3.54	38.81	3.61
	118	27.79	3.27	29.97	3.39	32.15	3.51	33.72	3.55	36.51	3.62	38.69	3.69
	122	27.72	3.36	29.91	3.48	32.09	3.61	33.69	3.65	36.47	3.72	38.65	3.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 76: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	34.87	1.82	37.03	1.88	39.20	1.95	40.76	1.97	43.53	2.01	45.70	2.05
	0	34.85	1.84	37.01	1.90	39.18	1.97	40.74	1.99	43.51	2.03	45.67	2.07
	5	34.82	1.86	36.98	1.93	39.15	2.00	40.71	2.03	43.47	2.06	45.63	2.11
	10	34.79	1.89	36.96	1.96	39.12	2.03	40.68	2.06	43.44	2.10	45.60	2.14
	14	34.77	1.92	36.93	1.99	39.09	2.06	40.65	2.09	43.40	2.13	45.56	2.17
	20	34.74	1.95	36.90	2.02	39.06	2.09	40.61	2.12	43.37	2.16	45.53	2.20
	25	34.71	1.98	36.87	2.05	39.03	2.12	40.58	2.15	43.34	2.19	45.49	2.23
	30	34.69	2.00	36.84	2.08	39.00	2.15	40.55	2.18	43.31	2.22	45.46	2.26
	35	34.66	2.03	36.81	2.10	38.97	2.18	40.52	2.21	43.27	2.25	45.43	2.29
	40	34.64	2.06	36.79	2.13	38.94	2.21	40.49	2.24	43.24	2.28	45.39	2.32
	45	34.61	2.09	36.76	2.16	38.91	2.24	40.46	2.27	43.21	2.31	45.36	2.36
	50	34.58	2.11	36.73	2.19	38.88	2.27	40.43	2.30	43.17	2.34	45.32	2.39
	55	34.56	2.14	36.70	2.22	38.85	2.30	40.40	2.33	43.14	2.37	45.29	2.42
	60	34.53	2.17	36.67	2.25	38.82	2.33	40.37	2.36	43.11	2.40	45.25	2.45
	65	34.50	2.20	36.65	2.28	38.79	2.36	40.34	2.39	43.07	2.43	45.22	2.48
	70	34.48	2.22	36.62	2.30	38.76	2.39	40.30	2.42	43.04	2.46	45.18	2.51
	75	33.65	2.34	35.78	2.43	37.92	2.52	39.46	2.55	42.19	2.59	44.33	2.65
	80	32.82	2.46	34.95	2.55	37.08	2.65	38.62	2.68	41.34	2.73	43.47	2.78
	85	31.99	2.58	34.12	2.68	36.25	2.78	37.78	2.81	40.50	2.86	42.62	2.92
	90	31.17	2.70	33.29	2.80	35.41	2.90	36.94	2.94	39.65	2.99	41.77	3.05
	95	30.28	2.82	32.39	2.93	34.50	3.03	35.47	3.07	38.72	3.13	40.83	3.19
	100	29.92	2.94	32.06	3.05	34.20	3.16	35.31	3.20	38.48	3.26	40.62	3.32
33	105	29.57	3.06	31.74	3.17	33.90	3.29	35.16	3.33	38.24	3.39	40.41	3.46
	110	29.21	3.18	31.41	3.30	33.61	3.42	35.00	3.46	38.01	3.52	40.21	3.59
	115	28.85	3.30	31.08	3.42	33.31	3.55	34.85	3.59	37.77	3.66	40.00	3.73
	118	28.64	3.37	30.89	3.50	33.13	3.63	34.76	3.67	37.63	3.74	39.88	3.81
	122	28.57	3.47	30.82	3.60	33.07	3.73	34.73	3.77	37.58	3.84	39.83	3.92
	-4	35.91	1.87	38.14	1.94	40.37	2.01	41.98	2.03	44.83	2.07	47.06	2.11
	0	35.89	1.89	38.11	1.96	40.34	2.03	41.95	2.06	44.80	2.10	47.03	2.14
	5	35.86	1.92	38.08	1.99	40.31	2.07	41.92	2.09	44.76	2.13	46.99	2.17
	10	35.83	1.95	38.05	2.02	40.28	2.10	41.89	2.12	44.73	2.16	46.95	2.20
	14	35.80	1.98	38.03	2.05	40.25	2.13	41.85	2.15	44.70	2.19	46.92	2.24
	20	35.77	2.01	38.00	2.08	40.22	2.16	41.82	2.18	44.66	2.22	46.88	2.27
	25	35.75	2.04	37.97	2.11	40.19	2.19	41.79	2.21	44.63	2.26	46.85	2.30
	30	35.72	2.07	37.94	2.14	40.16	2.22	41.76	2.25	44.59	2.29	46.81	2.33
	35	35.69	2.09	37.91	2.17	40.13	2.25	41.73	2.28	44.56	2.32	46.78	2.37
	40	35.67	2.12	37.88	2.20	40.10	2.28	41.69	2.31	44.53	2.35	46.74	2.40
	45	35.64	2.15	37.85	2.23	40.06	2.31	41.66	2.34	44.49	2.38	46.70	2.43
	50	35.61	2.18	37.82	2.26	40.03	2.34	41.63	2.37	44.46	2.41	46.67	2.46
	55	35.58	2.21	37.79	2.29	40.00	2.37	41.60	2.40	44.42	2.44	46.63	2.49
	60	35.56	2.24	37.76	2.32	39.97	2.40	41.57	2.43	44.39	2.48	46.60	2.53
	65	35.53	2.27	37.74	2.35	39.94	2.43	41.54	2.46	44.35	2.51	46.56	2.56
	70	35.50	2.29	37.71	2.38	39.91	2.46	41.50	2.49	44.32	2.54	46.53	2.59
	75	34.65	2.42	36.85	2.51	39.05	2.60	40.63	2.63	43.44	2.68	45.64	2.73
	80	33.79	2.54	35.99	2.63	38.18	2.73	39.77	2.76	42.57	2.81	44.76	2.87
	85	32.95	2.66	35.13	2.76	37.32	2.86	38.90	2.90	41.70	2.95	43.89	3.01
	90	32.10	2.79	34.28	2.89	36.47	3.00	38.04	3.03	40.83	3.09	43.01	3.15
	95	31.18	2.91	33.35	3.02	35.52	3.13	36.52	3.16	39.87	3.22	42.04	3.29
	100	30.81	3.04	33.02	3.15	35.22	3.26	36.36	3.30	39.63	3.36	41.83	3.43
	105	30.45	3.16	32.68	3.28	34.91	3.39	36.20	3.43	39.38	3.50	41.62	3.57
	110	30.08	3.28	32.34	3.40	34.61	3.53	36.05	3.57	39.14	3.63	41.40	3.71
	115	29.71	3.41	32.01	3.53	34.30	3.66	35.89	3.70	38.90	3.77	41.19	3.85
	118	29.49	3.48	31.81	3.61	34.12	3.74	35.79	3.78	38.75	3.85	41.06	3.93
	122	29.42	3.58	31.74	3.71	34.06	3.85	35.76	3.89	38.70	3.96	41.02	4.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 77: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	36.94	1.93	39.24	2.00	41.53	2.07	43.19	2.10	46.12	2.14	48.41	2.18
	0	36.92	1.95	39.22	2.02	41.51	2.10	43.16	2.12	46.09	2.16	48.39	2.20
	5	36.89	1.98	39.18	2.05	41.47	2.13	43.13	2.15	46.06	2.19	48.35	2.24
	10	36.86	2.01	39.15	2.09	41.44	2.16	43.10	2.19	46.02	2.23	48.31	2.27
	14	36.84	2.04	39.12	2.12	41.41	2.19	43.06	2.22	45.99	2.26	48.27	2.31
	20	36.81	2.07	39.09	2.15	41.38	2.22	43.03	2.25	45.95	2.29	48.24	2.34
	25	36.78	2.10	39.06	2.18	41.35	2.26	43.00	2.28	45.92	2.32	48.20	2.37
	30	36.75	2.13	39.03	2.21	41.32	2.29	42.96	2.31	45.88	2.36	48.16	2.40
	35	36.72	2.16	39.00	2.24	41.28	2.32	42.93	2.35	45.85	2.39	48.13	2.44
	40	36.70	2.19	38.97	2.27	41.25	2.35	42.90	2.38	45.81	2.42	48.09	2.47
	45	36.67	2.22	38.94	2.30	41.22	2.38	42.87	2.41	45.78	2.45	48.05	2.50
	50	36.64	2.25	38.91	2.33	41.19	2.41	42.83	2.44	45.74	2.49	48.02	2.54
	55	36.61	2.28	38.88	2.36	41.16	2.45	42.80	2.47	45.71	2.52	47.98	2.57
	60	36.58	2.31	38.85	2.39	41.13	2.48	42.77	2.51	45.67	2.55	47.94	2.60
	65	36.55	2.33	38.83	2.42	41.10	2.51	42.73	2.54	45.64	2.58	47.91	2.64
	70	36.53	2.36	38.80	2.45	41.06	2.54	42.70	2.57	45.60	2.62	47.87	2.67
	75	35.65	2.49	37.91	2.58	40.17	2.68	41.81	2.71	44.70	2.76	46.96	2.81
	80	34.77	2.62	37.03	2.71	39.28	2.81	40.91	2.85	43.80	2.90	46.06	2.96
	85	33.90	2.75	36.15	2.85	38.40	2.95	40.03	2.98	42.90	3.04	45.16	3.10
	90	33.03	2.87	35.27	2.98	37.52	3.09	39.14	3.12	42.01	3.18	44.26	3.25
	95	32.08	3.00	34.32	3.11	36.55	3.22	37.58	3.26	41.02	3.32	43.26	3.39
	100	31.70	3.13	33.97	3.24	36.24	3.36	37.41	3.40	40.77	3.46	43.04	3.53
	105	31.33	3.26	33.62	3.38	35.92	3.50	37.25	3.54	40.52	3.61	42.82	3.68
	110	30.95	3.38	33.28	3.51	35.61	3.64	37.09	3.68	40.27	3.75	42.60	3.82
	115	30.57	3.51	32.93	3.64	35.29	3.77	36.92	3.82	40.02	3.89	42.38	3.97
	118	30.34	3.59	32.73	3.72	35.10	3.85	36.82	3.90	39.87	3.97	42.25	4.05
	122	30.27	3.69	32.66	3.82	35.04	3.96	36.79	4.01	39.82	4.09	42.20	4.17
35	-4	37.98	1.99	40.34	2.06	42.70	2.14	44.40	2.16	47.41	2.20	49.77	2.24
	0	37.96	2.01	40.32	2.08	42.67	2.16	44.38	2.18	47.39	2.22	49.75	2.27
	5	37.93	2.04	40.28	2.12	42.64	2.19	44.34	2.22	47.35	2.26	49.70	2.31
	10	37.90	2.07	40.25	2.15	42.61	2.23	44.31	2.25	47.31	2.29	49.67	2.34
	14	37.87	2.10	40.22	2.18	42.57	2.26	44.27	2.28	47.28	2.33	49.63	2.37
	20	37.84	2.13	40.19	2.21	42.54	2.29	44.24	2.32	47.24	2.36	49.59	2.41
	25	37.81	2.16	40.16	2.24	42.51	2.32	44.20	2.35	47.21	2.39	49.55	2.44
	30	37.78	2.19	40.13	2.27	42.48	2.36	44.17	2.38	47.17	2.43	49.52	2.48
	35	37.75	2.22	40.10	2.30	42.44	2.39	44.14	2.42	47.13	2.46	49.48	2.51
	40	37.73	2.25	40.07	2.34	42.41	2.42	44.10	2.45	47.10	2.49	49.44	2.54
	45	37.70	2.28	40.04	2.37	42.38	2.45	44.07	2.48	47.06	2.53	49.40	2.58
	50	37.67	2.31	40.01	2.40	42.35	2.49	44.04	2.51	47.02	2.56	49.36	2.61
	55	37.64	2.34	39.98	2.43	42.31	2.52	44.00	2.55	46.99	2.59	49.33	2.65
	60	37.61	2.37	39.95	2.46	42.28	2.55	43.97	2.58	46.95	2.63	49.29	2.68
	65	37.58	2.40	39.91	2.49	42.25	2.58	43.93	2.61	46.92	2.66	49.25	2.72
	70	37.55	2.43	39.88	2.52	42.22	2.62	43.90	2.65	46.88	2.70	49.21	2.75
	75	36.65	2.57	38.97	2.66	41.30	2.76	42.98	2.79	45.95	2.84	48.28	2.90
	80	35.74	2.70	38.07	2.80	40.39	2.90	42.06	2.93	45.03	2.99	47.35	3.05
	85	34.85	2.83	37.16	2.93	39.48	3.04	41.15	3.07	44.11	3.13	46.42	3.19
	90	33.95	2.96	36.26	3.07	38.57	3.18	40.24	3.22	43.19	3.28	45.50	3.34
	95	32.98	3.09	35.28	3.20	37.58	3.32	38.63	3.36	42.17	3.42	44.47	3.49
	100	32.59	3.22	34.92	3.34	37.25	3.46	38.46	3.50	41.91	3.57	44.24	3.64
	105	32.20	3.35	34.57	3.48	36.93	3.60	38.30	3.64	41.66	3.71	44.02	3.79
	110	31.82	3.49	34.21	3.61	36.61	3.74	38.13	3.79	41.40	3.86	43.79	3.94
	115	31.43	3.62	33.86	3.75	36.28	3.89	37.96	3.93	41.14	4.00	43.57	4.08
	118	31.19	3.70	33.64	3.83	36.09	3.97	37.86	4.02	40.99	4.09	43.43	4.17
	122	31.12	3.80	33.57	3.94	36.02	4.08	37.82	4.13	40.94	4.21	43.39	4.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 78: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	39.02	2.05	41.44	2.12	43.86	2.20	45.61	2.22	48.71	2.27	51.13	2.31
	0	39.00	2.07	41.42	2.14	43.84	2.22	45.59	2.25	48.68	2.29	51.10	2.34
	5	38.96	2.10	41.38	2.18	43.80	2.26	45.55	2.28	48.64	2.33	51.06	2.37
	10	38.93	2.13	41.35	2.21	43.77	2.29	45.52	2.32	48.61	2.36	51.02	2.41
	14	38.90	2.16	41.32	2.24	43.74	2.33	45.48	2.35	48.57	2.40	50.98	2.44
	20	38.87	2.20	41.29	2.28	43.70	2.36	45.45	2.39	48.53	2.43	50.95	2.48
	25	38.84	2.23	41.26	2.31	43.67	2.39	45.41	2.42	48.49	2.46	50.91	2.51
	30	38.81	2.26	41.23	2.34	43.64	2.43	45.38	2.45	48.46	2.50	50.87	2.55
	35	38.79	2.29	41.19	2.37	43.60	2.46	45.34	2.49	48.42	2.53	50.83	2.58
	40	38.76	2.32	41.16	2.40	43.57	2.49	45.31	2.52	48.38	2.57	50.79	2.62
	45	38.73	2.35	41.13	2.44	43.54	2.53	45.27	2.55	48.35	2.60	50.75	2.65
	50	38.70	2.38	41.10	2.47	43.50	2.56	45.24	2.59	48.31	2.64	50.71	2.69
	55	38.67	2.41	41.07	2.50	43.47	2.59	45.20	2.62	48.27	2.67	50.67	2.73
	60	38.64	2.44	41.04	2.53	43.44	2.63	45.17	2.66	48.23	2.71	50.63	2.76
	65	38.61	2.48	41.00	2.57	43.40	2.66	45.13	2.69	48.20	2.74	50.60	2.80
	70	38.58	2.51	40.97	2.60	43.37	2.69	45.10	2.72	48.16	2.77	50.56	2.83
	75	37.65	2.64	40.04	2.74	42.43	2.84	44.15	2.87	47.21	2.92	49.60	2.98
	80	36.72	2.78	39.10	2.88	41.49	2.98	43.21	3.02	46.26	3.07	48.64	3.14
	85	35.80	2.91	38.18	3.02	40.56	3.13	42.27	3.16	45.31	3.22	47.69	3.29
	90	34.88	3.05	37.25	3.16	39.62	3.27	41.34	3.31	44.37	3.37	46.74	3.44
	95	33.88	3.18	36.24	3.30	38.60	3.42	39.69	3.46	43.32	3.52	45.68	3.59
	100	33.48	3.32	35.88	3.44	38.27	3.56	39.51	3.61	43.06	3.67	45.45	3.75
	105	33.08	3.45	35.51	3.58	37.94	3.71	39.34	3.75	42.79	3.82	45.22	3.90
	110	32.68	3.59	35.15	3.72	37.61	3.85	39.17	3.90	42.53	3.97	44.99	4.05
	115	32.29	3.72	34.78	3.86	37.27	4.00	39.00	4.05	42.27	4.12	44.76	4.20
	118	32.05	3.80	34.56	3.94	37.07	4.09	38.89	4.13	42.11	4.21	44.62	4.30
	122	31.97	3.91	34.49	4.06	37.01	4.20	38.86	4.25	42.05	4.33	44.57	4.42
37	-4	40.05	2.10	42.54	2.18	45.03	2.26	46.83	2.29	50.00	2.33	52.49	2.38
	0	40.03	2.13	42.52	2.20	45.00	2.28	46.80	2.31	49.98	2.35	52.46	2.40
	5	40.00	2.16	42.48	2.24	44.97	2.32	46.76	2.35	49.94	2.39	52.42	2.44
	10	39.97	2.19	42.45	2.27	44.93	2.36	46.73	2.38	49.90	2.43	52.38	2.48
	14	39.94	2.23	42.42	2.31	44.90	2.39	46.69	2.42	49.86	2.46	52.34	2.51
	20	39.91	2.26	42.39	2.34	44.86	2.42	46.65	2.45	49.82	2.50	52.30	2.55
	25	39.88	2.29	42.35	2.37	44.83	2.46	46.62	2.49	49.78	2.53	52.26	2.59
	30	39.85	2.32	42.32	2.41	44.80	2.49	46.58	2.52	49.74	2.57	52.22	2.62
	35	39.82	2.35	42.29	2.44	44.76	2.53	46.55	2.56	49.71	2.60	52.18	2.66
	40	39.79	2.38	42.26	2.47	44.73	2.56	46.51	2.59	49.67	2.64	52.14	2.69
	45	39.76	2.42	42.22	2.51	44.69	2.60	46.48	2.63	49.63	2.68	52.10	2.73
	50	39.72	2.45	42.19	2.54	44.66	2.63	46.44	2.66	49.59	2.71	52.06	2.77
	55	39.69	2.48	42.16	2.57	44.62	2.67	46.40	2.70	49.55	2.75	52.02	2.80
	60	39.66	2.51	42.13	2.60	44.59	2.70	46.37	2.73	49.52	2.78	51.98	2.84
	65	39.63	2.54	42.09	2.64	44.56	2.73	46.33	2.77	49.48	2.82	51.94	2.87
	70	39.60	2.58	42.06	2.67	44.52	2.77	46.30	2.80	49.44	2.85	51.90	2.91
	75	38.65	2.72	41.10	2.81	43.56	2.92	45.33	2.95	48.46	3.01	50.92	3.07
	80	37.70	2.85	40.14	2.96	42.59	3.07	44.36	3.10	47.49	3.16	49.93	3.22
	85	36.75	2.99	39.19	3.10	41.63	3.22	43.40	3.25	46.52	3.31	48.96	3.38
	90	35.81	3.13	38.24	3.25	40.68	3.37	42.44	3.40	45.55	3.47	47.98	3.54
	95	34.78	3.27	37.21	3.39	39.63	3.52	40.74	3.56	44.48	3.62	46.90	3.69
	100	34.37	3.41	36.83	3.54	39.29	3.66	40.56	3.71	44.20	3.78	46.66	3.85
	105	33.96	3.55	36.46	3.68	38.95	3.81	40.39	3.86	43.93	3.93	46.42	4.01
	110	33.55	3.69	36.08	3.82	38.61	3.96	40.21	4.01	43.66	4.08	46.18	4.17
	115	33.14	3.83	35.71	3.97	38.26	4.11	40.03	4.16	43.39	4.24	45.95	4.32
	118	32.90	3.91	35.48	4.05	38.06	4.20	39.93	4.25	43.23	4.33	45.80	4.42
	122	32.82	4.02	35.41	4.17	37.99	4.32	39.89	4.37	43.17	4.45	45.76	4.54

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 79: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	41.09	2.16	43.64	2.24	46.19	2.32	48.04	2.35	51.30	2.39	53.85	2.44
	0	41.07	2.19	43.62	2.27	46.17	2.35	48.01	2.38	51.27	2.42	53.82	2.47
	5	41.03	2.22	43.58	2.30	46.13	2.39	47.97	2.41	51.23	2.46	53.78	2.51
	10	41.00	2.25	43.55	2.34	46.10	2.42	47.94	2.45	51.19	2.50	53.74	2.55
	14	40.97	2.29	43.52	2.37	46.06	2.46	47.90	2.49	51.15	2.53	53.69	2.58
	20	40.94	2.32	43.48	2.40	46.03	2.49	47.86	2.52	51.11	2.57	53.65	2.62
	25	40.91	2.35	43.45	2.44	45.99	2.53	47.83	2.56	51.07	2.60	53.61	2.66
	30	40.88	2.39	43.42	2.47	45.96	2.56	47.79	2.59	51.03	2.64	53.57	2.69
	35	40.85	2.42	43.38	2.51	45.92	2.60	47.75	2.63	50.99	2.68	53.53	2.73
	40	40.82	2.45	43.35	2.54	45.89	2.63	47.72	2.66	50.95	2.71	53.49	2.77
	45	40.78	2.48	43.32	2.57	45.85	2.67	47.68	2.70	50.92	2.75	53.45	2.81
	50	40.75	2.52	43.28	2.61	45.81	2.70	47.64	2.74	50.88	2.79	53.41	2.84
	55	40.72	2.55	43.25	2.64	45.78	2.74	47.61	2.77	50.84	2.82	53.37	2.88
	60	40.69	2.58	43.22	2.68	45.74	2.77	47.57	2.81	50.80	2.86	53.33	2.92
	65	40.66	2.62	43.18	2.71	45.71	2.81	47.53	2.84	50.76	2.90	53.28	2.95
	70	40.63	2.65	43.15	2.75	45.67	2.85	47.50	2.88	50.72	2.93	53.24	2.99
	75	39.65	2.79	42.17	2.89	44.68	3.00	46.50	3.03	49.72	3.09	52.24	3.15
	80	38.67	2.93	41.18	3.04	43.69	3.15	45.51	3.19	48.72	3.25	51.23	3.31
	85	37.70	3.08	40.21	3.19	42.71	3.31	44.52	3.34	47.72	3.41	50.23	3.48
	90	36.73	3.22	39.23	3.34	41.73	3.46	43.54	3.50	46.73	3.56	49.23	3.64
	95	35.68	3.36	38.17	3.49	40.65	3.61	41.80	3.65	45.63	3.72	48.11	3.80
	100	35.26	3.51	37.78	3.63	40.30	3.77	41.61	3.81	45.35	3.88	47.87	3.96
	105	34.84	3.65	37.40	3.78	39.95	3.92	41.43	3.97	45.07	4.04	47.62	4.12
	110	34.42	3.79	37.01	3.93	39.60	4.07	41.25	4.12	44.79	4.20	47.38	4.28
	115	34.00	3.93	36.63	4.08	39.26	4.23	41.07	4.28	44.51	4.36	47.14	4.44
	118	33.75	4.02	36.40	4.17	39.05	4.32	40.96	4.37	44.34	4.45	46.99	4.54
	122	33.67	4.13	36.32	4.29	38.98	4.44	40.92	4.49	44.29	4.58	46.94	4.67
39	-4	42.13	2.22	44.74	2.30	47.36	2.39	49.25	2.41	52.59	2.46	55.21	2.51
	0	42.10	2.25	44.72	2.33	47.33	2.41	49.22	2.44	52.56	2.49	55.18	2.54
	5	42.07	2.28	44.68	2.36	47.30	2.45	49.18	2.48	52.52	2.53	55.13	2.58
	10	42.04	2.32	44.65	2.40	47.26	2.49	49.14	2.52	52.48	2.56	55.09	2.61
	14	42.01	2.35	44.61	2.43	47.22	2.52	49.11	2.55	52.44	2.60	55.05	2.65
	20	41.97	2.38	44.58	2.47	47.19	2.56	49.07	2.59	52.40	2.64	55.01	2.69
	25	41.94	2.42	44.55	2.50	47.15	2.60	49.03	2.63	52.36	2.68	54.97	2.73
	30	41.91	2.45	44.51	2.54	47.12	2.63	48.99	2.66	52.32	2.71	54.92	2.77
	35	41.88	2.48	44.48	2.57	47.08	2.67	48.96	2.70	52.28	2.75	54.88	2.81
	40	41.85	2.52	44.44	2.61	47.04	2.71	48.92	2.74	52.24	2.79	54.84	2.84
	45	41.81	2.55	44.41	2.64	47.01	2.74	48.88	2.77	52.20	2.82	54.80	2.88
	50	41.78	2.59	44.38	2.68	46.97	2.78	48.85	2.81	52.16	2.86	54.76	2.92
	55	41.75	2.62	44.34	2.71	46.94	2.81	48.81	2.85	52.12	2.90	54.71	2.96
	60	41.72	2.65	44.31	2.75	46.90	2.85	48.77	2.88	52.08	2.94	54.67	3.00
	65	41.69	2.69	44.27	2.78	46.86	2.89	48.73	2.92	52.04	2.97	54.63	3.03
	70	41.65	2.72	44.24	2.82	46.83	2.92	48.70	2.96	52.00	3.01	54.59	3.07
	75	40.65	2.87	43.23	2.97	45.81	3.08	47.68	3.12	50.97	3.17	53.55	3.24
	80	39.65	3.01	42.22	3.12	44.80	3.24	46.66	3.28	49.95	3.34	52.52	3.40
	85	38.66	3.16	41.22	3.28	43.79	3.40	45.65	3.43	48.93	3.50	51.49	3.57
	90	37.66	3.31	40.22	3.43	42.78	3.55	44.63	3.59	47.91	3.66	50.47	3.74
	95	36.58	3.45	39.13	3.58	41.68	3.71	42.85	3.75	46.78	3.82	49.33	3.90
	100	36.15	3.60	38.74	3.73	41.32	3.87	42.66	3.91	46.49	3.99	49.08	4.07
	105	35.72	3.75	38.34	3.88	40.96	4.03	42.48	4.07	46.21	4.15	48.83	4.23
	110	35.29	3.89	37.95	4.04	40.60	4.18	42.29	4.23	45.92	4.31	48.58	4.40
	115	34.86	4.04	37.55	4.19	40.25	4.34	42.10	4.39	45.64	4.47	48.33	4.56
	118	34.60	4.13	37.32	4.28	40.03	4.44	41.99	4.49	45.46	4.57	48.18	4.66
	122	34.52	4.25	37.24	4.40	39.96	4.56	41.96	4.62	45.41	4.70	47.45	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 80: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	43.16	2.28	45.85	2.36	48.53	2.45	50.46	2.48	53.89	2.52	56.57	2.57
	0	43.14	2.30	45.82	2.39	48.50	2.48	50.43	2.50	53.86	2.55	56.54	2.60
	5	43.11	2.34	45.78	2.43	48.46	2.52	50.39	2.55	53.81	2.59	56.49	2.65
	10	43.07	2.38	45.75	2.46	48.42	2.55	50.35	2.58	53.77	2.63	56.45	2.68
	14	43.04	2.41	45.71	2.50	48.39	2.59	50.32	2.62	53.73	2.67	56.40	2.72
	20	43.01	2.45	45.68	2.54	48.35	2.63	50.28	2.66	53.69	2.71	56.36	2.76
	25	42.97	2.48	45.64	2.57	48.31	2.67	50.24	2.70	53.65	2.75	56.32	2.80
	30	42.94	2.52	45.61	2.61	48.27	2.70	50.20	2.73	53.61	2.78	56.28	2.84
	35	42.91	2.55	45.57	2.64	48.24	2.74	50.16	2.77	53.57	2.82	56.23	2.88
	40	42.88	2.58	45.54	2.68	48.20	2.78	50.12	2.81	53.53	2.86	56.19	2.92
	45	42.84	2.62	45.50	2.72	48.16	2.81	50.09	2.85	53.49	2.90	56.15	2.96
	50	42.81	2.65	45.47	2.75	48.13	2.85	50.05	2.88	53.44	2.94	56.10	3.00
	55	42.78	2.69	45.43	2.79	48.09	2.89	50.01	2.92	53.40	2.98	56.06	3.04
	60	42.74	2.72	45.40	2.82	48.05	2.93	49.97	2.96	53.36	3.02	56.02	3.08
	65	42.71	2.76	45.36	2.86	48.02	2.96	49.93	3.00	53.32	3.05	55.97	3.11
	70	42.68	2.79	45.33	2.89	47.98	3.00	49.89	3.03	53.28	3.09	55.93	3.15
	75	41.65	2.94	44.30	3.05	46.94	3.16	48.85	3.20	52.23	3.26	54.87	3.32
	80	40.62	3.09	43.26	3.21	45.90	3.32	47.80	3.36	51.17	3.43	53.81	3.49
	85	39.61	3.24	42.24	3.36	44.87	3.49	46.77	3.53	50.13	3.59	52.76	3.66
	90	38.59	3.40	41.21	3.52	43.84	3.65	45.73	3.69	49.09	3.76	51.71	3.83
	95	37.48	3.55	40.10	3.68	42.71	3.81	43.90	3.85	47.93	3.93	50.54	4.00
	100	37.04	3.70	39.69	3.83	42.34	3.97	43.71	4.02	47.64	4.09	50.28	4.17
	105	36.60	3.85	39.29	3.99	41.97	4.13	43.52	4.18	47.34	4.26	50.03	4.34
	110	36.16	4.00	38.88	4.14	41.60	4.30	43.33	4.34	47.05	4.43	49.77	4.52
	115	35.72	4.15	38.48	4.30	41.24	4.46	43.14	4.51	46.76	4.59	49.52	4.69
	118	35.45	4.24	38.24	4.39	41.02	4.55	43.03	4.61	46.58	4.69	48.76	4.73
	122	35.36	4.36	38.16	4.52	40.94	4.68	42.92	4.73	45.58	4.73	47.43	4.73
41	-4	44.20	2.34	46.95	2.42	49.69	2.51	51.67	2.54	55.18	2.59	57.93	2.64
	0	44.18	2.36	46.92	2.45	49.66	2.54	51.65	2.57	55.15	2.62	57.90	2.67
	5	44.14	2.40	46.88	2.49	49.62	2.58	51.60	2.61	55.11	2.66	57.85	2.71
	10	44.11	2.44	46.85	2.53	49.59	2.62	51.56	2.65	55.06	2.70	57.80	2.75
	14	44.07	2.47	46.81	2.56	49.55	2.66	51.52	2.69	55.02	2.74	57.76	2.79
	20	44.04	2.51	46.78	2.60	49.51	2.70	51.49	2.73	54.98	2.78	57.72	2.83
	25	44.01	2.55	46.74	2.64	49.47	2.73	51.45	2.77	54.94	2.82	57.67	2.87
	30	43.97	2.58	46.70	2.68	49.43	2.77	51.41	2.80	54.90	2.86	57.63	2.91
	35	43.94	2.62	46.67	2.71	49.40	2.81	51.37	2.84	54.85	2.90	57.58	2.95
	40	43.91	2.65	46.63	2.75	49.36	2.85	51.33	2.88	54.81	2.94	57.54	2.99
	45	43.87	2.69	46.60	2.79	49.32	2.89	51.29	2.92	54.77	2.98	57.50	3.04
	50	43.84	2.72	46.56	2.82	49.28	2.93	51.25	2.96	54.73	3.01	57.45	3.08
	55	43.80	2.76	46.53	2.86	49.25	2.96	51.21	3.00	54.69	3.05	57.41	3.12
	60	43.77	2.79	46.49	2.90	49.21	3.00	51.17	3.04	54.64	3.09	57.36	3.16
	65	43.74	2.83	46.45	2.93	49.17	3.04	51.13	3.08	54.60	3.13	57.32	3.20
	70	43.70	2.87	46.42	2.97	49.13	3.08	51.09	3.11	54.56	3.17	57.27	3.24
	75	42.65	3.02	45.36	3.13	48.07	3.24	50.02	3.28	53.48	3.34	56.19	3.41
	80	41.60	3.17	44.30	3.29	47.00	3.41	48.95	3.45	52.40	3.51	55.10	3.58
	85	40.56	3.33	43.25	3.45	45.95	3.58	47.89	3.62	51.33	3.69	54.03	3.76
	90	39.52	3.48	42.20	3.61	44.89	3.74	46.83	3.79	50.27	3.86	52.95	3.93
	95	38.38	3.64	41.06	3.77	43.73	3.91	44.96	3.95	49.08	4.03	51.75	4.11
	100	37.93	3.79	40.64	3.93	43.36	4.07	44.76	4.12	48.78	4.20	51.49	4.28
	105	37.48	3.95	40.23	4.09	42.98	4.24	44.57	4.29	48.48	4.37	51.23	4.46
	110	37.03	4.10	39.82	4.25	42.60	4.41	44.37	4.46	48.18	4.54	50.97	4.63
	115	36.58	4.26	39.40	4.41	42.23	4.57	44.18	4.63	47.88	4.71	49.89	4.73
	118	36.30	4.35	39.16	4.51	42.00	4.67	44.06	4.73	46.93	4.73	48.72	4.73
	122	36.21	4.47	39.07	4.64	41.25	4.73	42.86	4.73	45.54	4.73	47.32	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 81: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	45.24	2.40	48.05	2.49	50.86	2.58	52.89	2.61	56.48	2.65	59.29	2.71
	0	45.21	2.42	48.02	2.51	50.83	2.60	52.86	2.63	56.45	2.68	59.25	2.74
	5	45.18	2.46	47.98	2.55	50.79	2.65	52.81	2.68	56.40	2.73	59.20	2.78
	10	45.14	2.50	47.95	2.59	50.75	2.69	52.77	2.72	56.36	2.77	59.16	2.82
	14	45.11	2.54	47.91	2.63	50.71	2.72	52.73	2.76	56.31	2.81	59.11	2.86
	20	45.07	2.57	47.87	2.67	50.67	2.76	52.69	2.80	56.27	2.85	59.07	2.91
	25	45.04	2.61	47.84	2.70	50.63	2.80	52.65	2.84	56.23	2.89	59.02	2.95
	30	45.00	2.65	47.80	2.74	50.59	2.84	52.61	2.88	56.18	2.93	58.98	2.99
	35	44.97	2.68	47.76	2.78	50.56	2.88	52.57	2.91	56.14	2.97	58.93	3.03
	40	44.94	2.72	47.73	2.82	50.52	2.92	52.53	2.95	56.10	3.01	58.89	3.07
	45	44.90	2.75	47.69	2.86	50.48	2.96	52.49	2.99	56.06	3.05	58.84	3.11
	50	44.87	2.79	47.65	2.89	50.44	3.00	52.45	3.03	56.01	3.09	58.80	3.15
	55	44.83	2.83	47.62	2.93	50.40	3.04	52.41	3.07	55.97	3.13	58.75	3.19
	60	44.80	2.86	47.58	2.97	50.36	3.08	52.37	3.11	55.93	3.17	58.71	3.23
	65	44.76	2.90	47.54	3.01	50.32	3.12	52.33	3.15	55.88	3.21	58.66	3.28
	70	44.73	2.94	47.51	3.04	50.28	3.16	52.29	3.19	55.84	3.25	58.62	3.32
	75	43.65	3.10	46.42	3.21	49.19	3.33	51.20	3.36	54.74	3.43	57.51	3.50
	80	42.58	3.25	45.34	3.37	48.10	3.50	50.10	3.54	53.63	3.60	56.40	3.67
	85	41.51	3.41	44.27	3.54	47.02	3.67	49.02	3.71	52.54	3.78	55.30	3.85
	90	40.44	3.57	43.19	3.70	45.94	3.84	47.93	3.88	51.44	3.95	54.20	4.03
	95	39.28	3.73	42.02	3.87	44.76	4.01	46.01	4.05	50.23	4.13	52.97	4.21
	100	38.82	3.89	41.60	4.03	44.37	4.18	45.81	4.23	49.93	4.30	52.70	4.39
	105	38.36	4.05	41.17	4.19	43.99	4.35	45.61	4.40	49.62	4.48	52.43	4.57
	110	37.90	4.20	40.75	4.36	43.60	4.52	45.41	4.57	49.31	4.66	51.96	4.73
	115	37.43	4.36	40.33	4.52	43.22	4.69	45.13	4.73	48.02	4.73	49.81	4.73
	118	37.16	4.46	40.07	4.62	42.47	4.73	44.08	4.73	46.76	4.73	48.57	4.73
	122	37.06	4.59	39.84	4.73	41.19	4.73	42.81	4.73	45.42	4.73	47.21	4.73
43	-4	46.28	2.46	49.15	2.55	52.02	2.64	54.10	2.67	57.77	2.72	60.64	2.78
	0	46.25	2.49	49.12	2.58	51.99	2.67	54.07	2.70	57.74	2.75	60.61	2.81
	5	46.21	2.53	49.08	2.62	51.95	2.71	54.02	2.74	57.69	2.80	60.56	2.85
	10	46.18	2.56	49.04	2.66	51.91	2.75	53.98	2.79	57.65	2.84	60.52	2.89
	14	46.14	2.60	49.01	2.70	51.87	2.79	53.94	2.83	57.60	2.88	60.47	2.94
	20	46.11	2.64	48.97	2.73	51.83	2.83	53.90	2.87	57.56	2.92	60.42	2.98
	25	46.07	2.68	48.93	2.77	51.79	2.87	53.86	2.91	57.52	2.96	60.38	3.02
	30	46.04	2.71	48.90	2.81	51.75	2.91	53.82	2.95	57.47	3.00	60.33	3.06
	35	46.00	2.75	48.86	2.85	51.71	2.95	53.78	2.99	57.43	3.04	60.29	3.11
	40	45.97	2.79	48.82	2.89	51.68	2.99	53.74	3.03	57.38	3.09	60.24	3.15
	45	45.93	2.82	48.78	2.93	51.64	3.03	53.70	3.07	57.34	3.13	60.19	3.19
	50	45.90	2.86	48.75	2.97	51.60	3.07	53.65	3.11	57.30	3.17	60.15	3.23
	55	45.86	2.90	48.71	3.01	51.56	3.12	53.61	3.15	57.25	3.21	60.10	3.27
	60	45.82	2.94	48.67	3.04	51.52	3.16	53.57	3.19	57.21	3.25	60.05	3.32
	65	45.79	2.97	48.63	3.08	51.48	3.20	53.53	3.23	57.16	3.29	60.01	3.36
	70	45.75	3.01	48.60	3.12	51.44	3.24	53.49	3.27	57.12	3.33	59.96	3.40
	75	44.65	3.17	47.49	3.29	50.32	3.41	52.37	3.45	55.99	3.51	58.83	3.58
	80	43.55	3.34	46.38	3.46	49.21	3.58	51.25	3.63	54.86	3.69	57.69	3.77
	85	42.46	3.50	45.28	3.63	48.10	3.76	50.14	3.80	53.74	3.87	56.56	3.95
	90	41.37	3.66	44.18	3.80	47.00	3.93	49.03	3.98	52.62	4.05	55.44	4.14
	95	40.19	3.82	42.99	3.96	45.78	4.11	47.07	4.16	51.38	4.23	54.18	4.32
	100	39.71	3.99	42.55	4.13	45.39	4.28	46.86	4.33	51.07	4.41	53.91	4.50
	105	39.24	4.15	42.12	4.30	45.00	4.46	46.66	4.51	50.76	4.59	53.63	4.69
	110	38.77	4.31	41.69	4.47	44.60	4.63	46.46	4.69	50.04	4.73	51.85	4.73
	115	38.29	4.47	41.25	4.64	43.49	4.73	45.03	4.73	47.92	4.73	49.74	4.73
	118	38.01	4.57	40.92	4.73	42.38	4.73	43.92	4.73	46.70	4.73	48.53	4.73
	122	37.91	4.70	39.75	4.73	41.13	4.73	42.68	4.73	45.39	4.73	47.11	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 82: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	47.31	2.52	50.25	2.61	53.19	2.71	55.31	2.74	59.07	2.79	62.00	2.84
	0	47.29	2.55	50.22	2.64	53.16	2.74	55.28	2.77	59.03	2.82	61.97	2.88
	5	47.25	2.59	50.18	2.68	53.12	2.78	55.24	2.81	58.98	2.86	61.92	2.92
	10	47.21	2.63	50.14	2.72	53.08	2.82	55.19	2.85	58.94	2.91	61.87	2.97
	14	47.18	2.66	50.11	2.76	53.04	2.86	55.15	2.90	58.89	2.95	61.82	3.01
	20	47.14	2.70	50.07	2.80	52.99	2.90	55.11	2.94	58.85	2.99	61.78	3.05
	25	47.10	2.74	50.03	2.84	52.95	2.94	55.07	2.98	58.81	3.03	61.73	3.10
	30	47.07	2.78	49.99	2.88	52.91	2.99	55.03	3.02	58.76	3.08	61.68	3.14
	35	47.03	2.82	49.95	2.92	52.87	3.03	54.98	3.06	58.72	3.12	61.64	3.18
	40	47.00	2.86	49.91	2.96	52.83	3.07	54.94	3.10	58.67	3.16	61.59	3.23
	45	46.96	2.89	49.88	3.00	52.79	3.11	54.90	3.15	58.63	3.20	61.54	3.27
	50	46.92	2.93	49.84	3.04	52.75	3.15	54.86	3.19	58.58	3.25	61.49	3.31
	55	46.89	2.97	49.80	3.08	52.71	3.19	54.81	3.23	58.54	3.29	61.45	3.35
	60	46.85	3.01	49.76	3.12	52.67	3.23	54.77	3.27	58.49	3.33	61.40	3.40
	65	46.82	3.05	49.72	3.16	52.63	3.27	54.73	3.31	58.45	3.37	61.35	3.44
	70	46.78	3.09	49.69	3.20	52.59	3.31	54.69	3.35	58.40	3.42	61.31	3.48
	75	45.65	3.25	48.55	3.37	51.45	3.49	53.54	3.53	57.25	3.60	60.14	3.67
	80	44.53	3.42	47.42	3.54	50.31	3.67	52.40	3.71	56.09	3.78	58.98	3.86
	85	43.41	3.58	46.30	3.72	49.18	3.85	51.26	3.90	54.95	3.97	57.83	4.05
	90	42.30	3.75	45.17	3.89	48.05	4.03	50.13	4.08	53.80	4.15	56.68	4.24
	95	41.09	3.92	43.95	4.06	46.81	4.21	48.12	4.26	52.54	4.34	55.40	4.42
	100	40.60	4.08	43.51	4.23	46.41	4.39	47.91	4.44	52.21	4.52	55.12	4.61
	105	40.12	4.25	43.06	4.41	46.00	4.57	47.71	4.62	51.89	4.71	54.06	4.73
	110	39.63	4.42	42.62	4.58	45.43	4.73	46.83	4.73	49.90	4.73	51.73	4.73
	115	39.15	4.58	42.02	4.73	43.47	4.73	44.93	4.73	47.83	4.73	49.58	4.73
	118	38.86	4.68	40.89	4.73	42.30	4.73	43.84	4.73	46.64	4.73	48.40	4.73
	122	38.05	4.73	39.66	4.73	41.08	4.73	42.63	4.73	45.28	4.73	47.02	4.73
45	-4	48.35	2.58	51.35	2.67	54.35	2.77	56.52	2.80	60.36	2.86	63.36	2.91
	0	48.32	2.61	51.32	2.70	54.33	2.80	56.49	2.83	60.33	2.89	63.33	2.94
	5	48.28	2.65	51.28	2.75	54.28	2.85	56.45	2.88	60.28	2.93	63.28	2.99
	10	48.25	2.69	51.24	2.79	54.24	2.89	56.40	2.92	60.23	2.98	63.23	3.04
	14	48.21	2.73	51.20	2.83	54.20	2.93	56.36	2.96	60.19	3.02	63.18	3.08
	20	48.17	2.77	51.16	2.87	54.16	2.97	56.32	3.01	60.14	3.06	63.13	3.13
	25	48.14	2.81	51.13	2.91	54.12	3.02	56.27	3.05	60.09	3.11	63.08	3.17
	30	48.10	2.85	51.09	2.95	54.07	3.06	56.23	3.09	60.05	3.15	63.04	3.21
	35	48.06	2.89	51.05	2.99	54.03	3.10	56.19	3.14	60.00	3.19	62.99	3.26
	40	48.03	2.92	51.01	3.03	53.99	3.14	56.15	3.18	59.96	3.24	62.94	3.30
	45	47.99	2.96	50.97	3.07	53.95	3.18	56.10	3.22	59.91	3.28	62.89	3.35
	50	47.95	3.00	50.93	3.11	53.91	3.23	56.06	3.26	59.86	3.32	62.84	3.39
	55	47.92	3.04	50.89	3.15	53.87	3.27	56.02	3.31	59.82	3.37	62.79	3.44
	60	47.88	3.08	50.85	3.19	53.83	3.31	55.97	3.35	59.77	3.41	62.75	3.48
	65	47.84	3.12	50.81	3.23	53.78	3.35	55.93	3.39	59.73	3.45	62.70	3.52
	70	47.81	3.16	50.77	3.27	53.74	3.39	55.89	3.43	59.68	3.50	62.65	3.57
	75	46.65	3.33	49.62	3.45	52.58	3.58	54.72	3.62	58.50	3.69	61.46	3.76
	80	45.50	3.50	48.46	3.63	51.41	3.76	53.55	3.80	57.32	3.88	60.28	3.95
	85	44.36	3.67	47.31	3.80	50.26	3.94	52.39	3.99	56.15	4.06	59.10	4.15
	90	43.22	3.84	46.16	3.98	49.10	4.13	51.23	4.17	54.98	4.25	57.92	4.34
	95	41.99	4.01	44.91	4.16	47.84	4.31	49.18	4.36	53.69	4.44	56.61	4.53
	100	41.49	4.18	44.46	4.34	47.42	4.49	48.96	4.55	53.36	4.63	56.32	4.72
	105	41.00	4.35	44.01	4.51	47.01	4.68	48.75	4.73	52.06	4.73	53.90	4.73
	110	40.50	4.52	43.55	4.69	45.37	4.73	46.69	4.73	49.78	4.73	51.63	4.73
	115	40.01	4.69	41.88	4.73	43.37	4.73	44.83	4.73	47.67	4.73	49.52	4.73
	118	39.15	4.73	40.78	4.73	42.21	4.73	43.78	4.73	46.50	4.73	48.27	4.73
	122	38.02	4.73	39.58	4.73	40.95	4.73	42.51	4.73	45.16	4.73	46.92	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 83: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	49.39	2.64	52.45	2.74	55.52	2.84	57.74	2.87	61.65	2.92	64.72	2.98
	0	49.36	2.67	52.42	2.77	55.49	2.87	57.70	2.90	61.62	2.95	64.69	3.01
	5	49.32	2.71	52.38	2.81	55.44	2.91	57.66	2.95	61.57	3.00	64.63	3.06
	10	49.28	2.75	52.34	2.85	55.40	2.96	57.61	2.99	61.52	3.05	64.58	3.11
	14	49.24	2.79	52.30	2.89	55.36	3.00	57.57	3.03	61.48	3.09	64.53	3.15
	20	49.21	2.83	52.26	2.94	55.32	3.04	57.52	3.08	61.43	3.14	64.49	3.20
	25	49.17	2.87	52.22	2.98	55.28	3.09	57.48	3.12	61.38	3.18	64.44	3.24
	30	49.13	2.91	52.18	3.02	55.23	3.13	57.44	3.17	61.34	3.22	64.39	3.29
	35	49.09	2.95	52.14	3.06	55.19	3.17	57.39	3.21	61.29	3.27	64.34	3.34
	40	49.06	2.99	52.10	3.10	55.15	3.22	57.35	3.25	61.24	3.31	64.29	3.38
	45	49.02	3.03	52.06	3.14	55.11	3.26	57.31	3.30	61.20	3.36	64.24	3.43
	50	48.98	3.07	52.02	3.19	55.06	3.30	57.26	3.34	61.15	3.40	64.19	3.47
	55	48.94	3.11	51.98	3.23	55.02	3.35	57.22	3.38	61.10	3.45	64.14	3.52
	60	48.91	3.15	51.94	3.27	54.98	3.39	57.17	3.43	61.05	3.49	64.09	3.56
	65	48.87	3.19	51.90	3.31	54.94	3.43	57.13	3.47	61.01	3.54	64.04	3.61
	70	48.83	3.23	51.86	3.35	54.90	3.47	57.09	3.51	60.96	3.58	63.99	3.65
	75	47.66	3.41	50.68	3.53	53.71	3.66	55.89	3.70	59.76	3.77	62.78	3.85
	80	46.48	3.58	49.50	3.71	52.52	3.85	54.70	3.89	58.55	3.97	61.57	4.05
	85	45.32	3.76	48.33	3.89	51.34	4.04	53.51	4.08	57.36	4.16	60.37	4.24
	90	44.15	3.93	47.15	4.08	50.16	4.22	52.33	4.27	56.16	4.35	59.16	4.44
	95	42.89	4.11	45.87	4.26	48.86	4.41	50.23	4.46	54.84	4.55	57.83	4.64
	100	42.38	4.28	45.41	4.44	48.44	4.60	50.01	4.65	54.41	4.73	56.36	4.73
	105	41.88	4.46	44.95	4.62	47.44	4.73	48.69	4.73	51.99	4.73	53.85	4.73
	110	41.37	4.63	43.86	4.73	45.32	4.73	46.64	4.73	49.65	4.73	51.53	4.73
	115	40.29	4.73	41.84	4.73	43.27	4.73	44.75	4.73	47.59	4.73	49.37	4.73
	118	39.09	4.73	40.67	4.73	42.14	4.73	43.71	4.73	46.45	4.73	48.24	4.73
	122	37.91	4.73	39.50	4.73	40.89	4.73	42.39	4.73	45.06	4.73	46.84	4.73
47	-4	50.42	2.70	53.55	2.80	56.69	2.90	58.95	2.94	62.95	2.99	66.08	3.05
	0	50.40	2.73	53.53	2.83	56.66	2.93	58.92	2.97	62.91	3.02	66.04	3.08
	5	50.35	2.78	53.48	2.88	56.61	2.98	58.87	3.02	62.86	3.07	65.99	3.13
	10	50.32	2.82	53.44	2.92	56.57	3.03	58.82	3.06	62.82	3.12	65.94	3.18
	14	50.28	2.86	53.40	2.96	56.52	3.07	58.78	3.11	62.77	3.16	65.89	3.23
	20	50.24	2.90	53.36	3.00	56.48	3.11	58.73	3.15	62.72	3.21	65.84	3.27
	25	50.20	2.94	53.32	3.05	56.44	3.16	58.69	3.19	62.67	3.25	65.79	3.32
	30	50.16	2.98	53.28	3.09	56.39	3.20	58.64	3.24	62.62	3.30	65.74	3.37
	35	50.12	3.02	53.24	3.13	56.35	3.25	58.60	3.28	62.58	3.34	65.69	3.41
	40	50.09	3.06	53.20	3.17	56.31	3.29	58.55	3.33	62.53	3.39	65.64	3.46
	45	50.05	3.10	53.16	3.22	56.26	3.33	58.51	3.37	62.48	3.44	65.59	3.50
	50	50.01	3.14	53.11	3.26	56.22	3.38	58.46	3.42	62.43	3.48	65.54	3.55
	55	49.97	3.19	53.07	3.30	56.18	3.42	58.42	3.46	62.38	3.53	65.49	3.60
	60	49.93	3.23	53.03	3.34	56.13	3.47	58.37	3.51	62.34	3.57	65.44	3.64
	65	49.89	3.27	52.99	3.39	56.09	3.51	58.33	3.55	62.29	3.62	65.39	3.69
	70	49.86	3.31	52.95	3.43	56.05	3.55	58.28	3.60	62.24	3.66	65.34	3.74
	75	48.66	3.49	51.74	3.61	54.83	3.75	57.06	3.79	61.01	3.86	64.10	3.94
	80	47.46	3.67	50.54	3.80	53.62	3.94	55.84	3.98	59.78	4.06	62.86	4.14
	85	46.27	3.84	49.34	3.98	52.41	4.13	54.63	4.18	58.56	4.26	61.63	4.34
	90	45.08	4.02	48.14	4.17	51.21	4.32	53.42	4.37	57.34	4.45	60.41	4.54
	95	43.79	4.20	46.84	4.35	49.89	4.51	51.29	4.57	55.99	4.65	58.94	4.73
	100	43.27	4.38	46.37	4.54	49.46	4.71	50.77	4.73	54.30	4.73	56.15	4.73
	105	42.76	4.56	45.89	4.72	47.35	4.73	48.60	4.73	51.83	4.73	53.70	4.73
	110	42.17	4.73	43.77	4.73	45.18	4.73	46.51	4.73	49.63	4.73	51.42	4.73
	115	40.13	4.73	41.79	4.73	43.17	4.73	44.66	4.73	47.51	4.73	49.32	4.73
	118	39.04	4.73	40.57	4.73	41.98	4.73	43.56	4.73	46.32	4.73	48.12	4.73
	122	37.81	4.73	39.42	4.73	40.78	4.73	42.36	4.73	44.96	4.73	46.75	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 84: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	51.46	2.76	54.66	2.86	57.85	2.97	60.16	3.00	64.24	3.06	67.44	3.12
	0	51.43	2.79	54.63	2.89	57.82	3.00	60.13	3.03	64.21	3.09	67.40	3.15
	5	51.39	2.84	54.58	2.94	57.77	3.05	60.08	3.08	64.16	3.14	67.35	3.20
	10	51.35	2.88	54.54	2.98	57.73	3.09	60.03	3.13	64.11	3.19	67.30	3.25
	14	51.31	2.92	54.50	3.03	57.68	3.14	59.99	3.17	64.06	3.23	67.24	3.30
	20	51.27	2.96	54.46	3.07	57.64	3.18	59.94	3.22	64.01	3.28	67.19	3.35
	25	51.23	3.00	54.42	3.11	57.60	3.23	59.89	3.27	63.96	3.33	67.14	3.39
	30	51.19	3.05	54.37	3.16	57.55	3.27	59.85	3.31	63.91	3.37	67.09	3.44
	35	51.16	3.09	54.33	3.20	57.51	3.32	59.80	3.36	63.86	3.42	67.04	3.49
	40	51.12	3.13	54.29	3.25	57.46	3.36	59.76	3.40	63.81	3.47	66.99	3.54
	45	51.08	3.17	54.25	3.29	57.42	3.41	59.71	3.45	63.77	3.51	66.94	3.58
	50	51.04	3.21	54.21	3.33	57.38	3.45	59.67	3.49	63.72	3.56	66.89	3.63
	55	51.00	3.26	54.17	3.38	57.33	3.50	59.62	3.54	63.67	3.61	66.83	3.68
	60	50.96	3.30	54.12	3.42	57.29	3.54	59.57	3.58	63.62	3.65	66.78	3.73
	65	50.92	3.34	54.08	3.46	57.24	3.59	59.53	3.63	63.57	3.70	66.73	3.77
	70	50.88	3.38	54.04	3.51	57.20	3.63	59.48	3.68	63.52	3.74	66.68	3.82
	75	49.66	3.57	52.81	3.70	55.96	3.83	58.24	3.87	62.27	3.95	65.42	4.03
	80	48.43	3.75	51.58	3.88	54.72	4.03	56.99	4.07	61.01	4.15	64.15	4.23
	85	47.22	3.93	50.36	4.07	53.49	4.22	55.76	4.27	59.77	4.35	62.90	4.44
	90	46.01	4.11	49.13	4.26	52.26	4.42	54.52	4.47	58.52	4.55	61.65	4.64
	95	44.69	4.30	47.80	4.45	50.91	4.61	52.34	4.67	56.80	4.73	58.78	4.73
	100	44.16	4.48	47.32	4.64	49.66	4.73	50.64	4.73	54.18	4.73	56.06	4.73
	105	43.64	4.66	45.89	4.73	47.26	4.73	48.53	4.73	51.76	4.73	53.65	4.73
	110	42.15	4.73	43.70	4.73	45.14	4.73	46.47	4.73	49.52	4.73	51.33	4.73
	115	40.06	4.73	41.66	4.73	43.08	4.73	44.57	4.73	47.45	4.73	49.18	4.73
	118	38.99	4.73	40.55	4.73	41.92	4.73	43.50	4.73	46.27	4.73	48.01	4.73
	122	37.78	4.73	39.35	4.73	40.74	4.73	42.25	4.73	44.87	4.73	46.68	4.73
49	-4	52.11	2.80	55.34	2.90	58.58	3.01	60.92	3.04	65.05	3.10	68.29	3.16
	0	52.08	2.83	55.31	2.93	58.55	3.04	60.88	3.08	65.01	3.13	68.25	3.20
	5	52.04	2.88	55.27	2.98	58.50	3.09	60.83	3.13	64.96	3.18	68.19	3.25
	10	52.00	2.92	55.22	3.03	58.45	3.14	60.79	3.17	64.91	3.23	68.14	3.30
	14	51.96	2.96	55.18	3.07	58.41	3.18	60.74	3.22	64.86	3.28	68.09	3.34
	20	51.92	3.00	55.14	3.11	58.36	3.23	60.69	3.26	64.81	3.33	68.04	3.39
	25	51.88	3.05	55.10	3.16	58.32	3.27	60.65	3.31	64.76	3.37	67.99	3.44
	30	51.84	3.09	55.06	3.20	58.28	3.32	60.60	3.36	64.71	3.42	67.93	3.49
	35	51.80	3.13	55.01	3.25	58.23	3.36	60.55	3.40	64.66	3.47	67.88	3.54
	40	51.76	3.17	54.97	3.29	58.19	3.41	60.51	3.45	64.62	3.51	67.83	3.58
	45	51.72	3.22	54.93	3.33	58.14	3.46	60.46	3.50	64.57	3.56	67.78	3.63
	50	51.68	3.26	54.89	3.38	58.10	3.50	60.42	3.54	64.52	3.61	67.73	3.68
	55	51.64	3.30	54.85	3.42	58.05	3.55	60.37	3.59	64.47	3.66	67.67	3.73
	60	51.60	3.34	54.80	3.47	58.01	3.59	60.32	3.63	64.42	3.70	67.62	3.78
	65	51.56	3.39	54.76	3.51	57.96	3.64	60.28	3.68	64.37	3.75	67.57	3.82
	70	51.52	3.43	54.72	3.55	57.92	3.68	60.23	3.73	64.32	3.80	67.52	3.87
	75	50.28	3.61	53.47	3.75	56.66	3.88	58.97	3.93	63.05	4.00	66.24	4.08
	80	49.04	3.80	52.22	3.94	55.41	4.08	57.71	4.13	61.78	4.21	64.96	4.29
	85	47.81	3.98	50.99	4.13	54.16	4.28	56.46	4.33	60.52	4.41	63.69	4.50
	90	46.58	4.17	49.75	4.32	52.92	4.48	55.21	4.53	59.26	4.62	62.42	4.71
	95	45.25	4.35	48.40	4.51	51.55	4.68	53.00	4.73	56.80	4.73	58.68	4.73
	100	44.72	4.54	47.91	4.71	49.56	4.73	50.65	4.73	54.10	4.73	55.99	4.73
	105	44.18	4.72	45.80	4.73	47.20	4.73	48.46	4.73	51.71	4.73	53.51	4.73
	110	42.07	4.73	43.64	4.73	45.09	4.73	46.35	4.73	49.41	4.73	51.32	4.73
	115	40.09	4.73	41.63	4.73	43.06	4.73	44.48	4.73	47.36	4.73	49.19	4.73
	118	38.87	4.73	40.45	4.73	41.91	4.73	43.42	4.73	46.19	4.73	47.96	4.73
	122	37.76	4.73	39.27	4.73	40.67	4.73	42.19	4.73	44.81	4.73	46.56	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 85: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-4	52.11	2.80	55.34	2.90	58.58	3.01	60.92	3.04	65.05	3.10	68.29	3.16
	0	52.08	2.83	55.31	2.93	58.55	3.04	60.88	3.08	65.01	3.13	68.25	3.20
	5	52.04	2.88	55.27	2.98	58.50	3.09	60.83	3.13	64.96	3.18	68.19	3.25
	10	52.00	2.92	55.22	3.03	58.45	3.14	60.79	3.17	64.91	3.23	68.14	3.30
	14	51.96	2.96	55.18	3.07	58.41	3.18	60.74	3.22	64.86	3.28	68.09	3.34
	20	51.92	3.00	55.14	3.11	58.36	3.23	60.69	3.26	64.81	3.33	68.04	3.39
	25	51.88	3.05	55.10	3.16	58.32	3.27	60.65	3.31	64.76	3.37	67.99	3.44
	30	51.84	3.09	55.06	3.20	58.28	3.32	60.60	3.36	64.71	3.42	67.93	3.49
	35	51.80	3.13	55.01	3.25	58.23	3.36	60.55	3.40	64.66	3.47	67.88	3.54
	40	51.76	3.17	54.97	3.29	58.19	3.41	60.51	3.45	64.62	3.51	67.83	3.58
	45	51.72	3.22	54.93	3.33	58.14	3.46	60.46	3.50	64.57	3.56	67.78	3.63
	50	51.68	3.26	54.89	3.38	58.10	3.50	60.42	3.54	64.52	3.61	67.73	3.68
	55	51.64	3.30	54.85	3.42	58.05	3.55	60.37	3.59	64.47	3.66	67.67	3.73
	60	51.60	3.34	54.80	3.47	58.01	3.59	60.32	3.63	64.42	3.70	67.62	3.78
	65	51.56	3.39	54.76	3.51	57.96	3.64	60.28	3.68	64.37	3.75	67.57	3.82
	70	51.52	3.43	54.72	3.55	57.92	3.68	60.23	3.73	64.32	3.80	67.52	3.87
	75	50.28	3.61	53.47	3.75	56.66	3.88	58.97	3.93	63.05	4.00	66.24	4.08
	80	49.04	3.80	52.22	3.94	55.41	4.08	57.71	4.13	61.78	4.21	64.96	4.29
	85	47.81	3.98	50.99	4.13	54.16	4.28	56.46	4.33	60.52	4.41	63.69	4.50
	90	46.58	4.17	49.75	4.32	52.92	4.48	55.21	4.53	59.26	4.62	62.42	4.71
	95	45.25	4.35	48.40	4.51	51.55	4.68	53.00	4.73	56.80	4.73	58.68	4.73
	100	44.72	4.54	47.91	4.71	49.56	4.73	50.65	4.73	54.10	4.73	55.99	4.73
	105	44.18	4.72	45.80	4.73	47.20	4.73	48.46	4.73	51.71	4.73	53.51	4.73
	110	42.07	4.73	43.64	4.73	45.09	4.73	46.35	4.73	49.41	4.73	51.32	4.73
	115	40.09	4.73	41.63	4.73	43.06	4.73	44.48	4.73	47.36	4.73	49.19	4.73
	118	38.87	4.73	40.45	4.73	41.91	4.73	43.42	4.73	46.19	4.73	47.96	4.73
	122	37.76	4.73	39.27	4.73	40.67	4.73	42.19	4.73	44.81	4.73	46.56	4.73
51	-4	52.11	2.80	55.34	2.90	58.58	3.01	60.92	3.04	65.05	3.10	68.29	3.16
	0	52.08	2.83	55.31	2.93	58.55	3.04	60.88	3.08	65.01	3.13	68.25	3.20
	5	52.04	2.88	55.27	2.98	58.50	3.09	60.83	3.13	64.96	3.18	68.19	3.25
	10	52.00	2.92	55.22	3.03	58.45	3.14	60.79	3.17	64.91	3.23	68.14	3.30
	14	51.96	2.96	55.18	3.07	58.41	3.18	60.74	3.22	64.86	3.28	68.09	3.34
	20	51.92	3.00	55.14	3.11	58.36	3.23	60.69	3.26	64.81	3.33	68.04	3.39
	25	51.88	3.05	55.10	3.16	58.32	3.27	60.65	3.31	64.76	3.37	67.99	3.44
	30	51.84	3.09	55.06	3.20	58.28	3.32	60.60	3.36	64.71	3.42	67.93	3.49
	35	51.80	3.13	55.01	3.25	58.23	3.36	60.55	3.40	64.66	3.47	67.88	3.54
	40	51.76	3.17	54.97	3.29	58.19	3.41	60.51	3.45	64.62	3.51	67.83	3.58
	45	51.72	3.22	54.93	3.33	58.14	3.46	60.46	3.50	64.57	3.56	67.78	3.63
	50	51.68	3.26	54.89	3.38	58.10	3.50	60.42	3.54	64.52	3.61	67.73	3.68
	55	51.64	3.30	54.85	3.42	58.05	3.55	60.37	3.59	64.47	3.66	67.67	3.73
	60	51.60	3.34	54.80	3.47	58.01	3.59	60.32	3.63	64.42	3.70	67.62	3.78
	65	51.56	3.39	54.76	3.51	57.96	3.64	60.28	3.68	64.37	3.75	67.57	3.82
	70	51.52	3.43	54.72	3.55	57.92	3.68	60.23	3.73	64.32	3.80	67.52	3.87
	75	50.28	3.61	53.47	3.75	56.66	3.88	58.97	3.93	63.05	4.00	66.24	4.08
	80	49.04	3.80	52.22	3.94	55.41	4.08	57.71	4.13	61.78	4.21	64.96	4.29
	85	47.81	3.98	50.99	4.13	54.16	4.28	56.46	4.33	60.52	4.41	63.69	4.50
	90	46.58	4.17	49.75	4.32	52.92	4.48	55.21	4.53	59.26	4.62	62.42	4.71
	95	45.25	4.35	48.40	4.51	51.55	4.68	53.00	4.73	56.80	4.73	58.68	4.73
	100	44.72	4.54	47.91	4.71	49.56	4.73	50.65	4.73	54.10	4.73	55.99	4.73
	105	44.18	4.72	45.80	4.73	47.20	4.73	48.46	4.73	51.71	4.73	53.51	4.73
	110	42.07	4.73	43.64	4.73	45.09	4.73	46.35	4.73	49.41	4.73	51.32	4.73
	115	40.09	4.73	41.63	4.73	43.06	4.73	44.48	4.73	47.36	4.73	49.19	4.73
	118	38.87	4.73	40.45	4.73	41.91	4.73	43.42	4.73	46.19	4.73	47.96	4.73
	122	37.76	4.73	39.27	4.73	40.67	4.73	42.19	4.73	44.81	4.73	46.56	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 86: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
52	-4	52.11	2.80	55.34	2.90	58.58	3.01	60.92	3.04	65.05	3.10	68.29	3.16
	0	52.08	2.83	55.31	2.93	58.55	3.04	60.88	3.08	65.01	3.13	68.25	3.20
	5	52.04	2.88	55.27	2.98	58.50	3.09	60.83	3.13	64.96	3.18	68.19	3.25
	10	52.00	2.92	55.22	3.03	58.45	3.14	60.79	3.17	64.91	3.23	68.14	3.30
	14	51.96	2.96	55.18	3.07	58.41	3.18	60.74	3.22	64.86	3.28	68.09	3.34
	20	51.92	3.00	55.14	3.11	58.36	3.23	60.69	3.26	64.81	3.33	68.04	3.39
	25	51.88	3.05	55.10	3.16	58.32	3.27	60.65	3.31	64.76	3.37	67.99	3.44
	30	51.84	3.09	55.06	3.20	58.28	3.32	60.60	3.36	64.71	3.42	67.93	3.49
	35	51.80	3.13	55.01	3.25	58.23	3.36	60.55	3.40	64.66	3.47	67.88	3.54
	40	51.76	3.17	54.97	3.29	58.19	3.41	60.51	3.45	64.62	3.51	67.83	3.58
	45	51.72	3.22	54.93	3.33	58.14	3.46	60.46	3.50	64.57	3.56	67.78	3.63
	50	51.68	3.26	54.89	3.38	58.10	3.50	60.42	3.54	64.52	3.61	67.73	3.68
	55	51.64	3.30	54.85	3.42	58.05	3.55	60.37	3.59	64.47	3.66	67.67	3.73
	60	51.60	3.34	54.80	3.47	58.01	3.59	60.32	3.63	64.42	3.70	67.62	3.78
	65	51.56	3.39	54.76	3.51	57.96	3.64	60.28	3.68	64.37	3.75	67.57	3.82
	70	51.52	3.43	54.72	3.55	57.92	3.68	60.23	3.73	64.32	3.80	67.52	3.87
	75	50.28	3.61	53.47	3.75	56.66	3.88	58.97	3.93	63.05	4.00	66.24	4.08
	80	49.04	3.80	52.22	3.94	55.41	4.08	57.71	4.13	61.78	4.21	64.96	4.29
	85	47.81	3.98	50.99	4.13	54.16	4.28	56.46	4.33	60.52	4.41	63.69	4.50
	90	46.58	4.17	49.75	4.32	52.92	4.48	55.21	4.53	59.26	4.62	62.42	4.71
	95	45.25	4.35	48.40	4.51	51.55	4.68	53.00	4.73	56.80	4.73	58.68	4.73
	100	44.72	4.54	47.91	4.71	49.56	4.73	50.65	4.73	54.10	4.73	55.99	4.73
53	105	44.18	4.72	45.80	4.73	47.20	4.73	48.46	4.73	51.71	4.73	53.51	4.73
	110	42.07	4.73	43.64	4.73	45.09	4.73	46.35	4.73	49.41	4.73	51.32	4.73
	115	40.09	4.73	41.63	4.73	43.06	4.73	44.48	4.73	47.36	4.73	49.19	4.73
	118	38.87	4.73	40.45	4.73	41.91	4.73	43.42	4.73	46.19	4.73	47.96	4.73
	122	37.76	4.73	39.27	4.73	40.67	4.73	42.19	4.73	44.81	4.73	46.56	4.73
	-4	52.11	2.80	55.34	2.90	58.58	3.01	60.92	3.04	65.05	3.10	68.29	3.16
	0	52.08	2.83	55.31	2.93	58.55	3.04	60.88	3.08	65.01	3.13	68.25	3.20
	5	52.04	2.88	55.27	2.98	58.50	3.09	60.83	3.13	64.96	3.18	68.19	3.25
	10	52.00	2.92	55.22	3.03	58.45	3.14	60.79	3.17	64.91	3.23	68.14	3.30
	14	51.96	2.96	55.18	3.07	58.41	3.18	60.74	3.22	64.86	3.28	68.09	3.34
	20	51.92	3.00	55.14	3.11	58.36	3.23	60.69	3.26	64.81	3.33	68.04	3.39
	25	51.88	3.05	55.10	3.16	58.32	3.27	60.65	3.31	64.76	3.37	67.99	3.44
	30	51.84	3.09	55.06	3.20	58.28	3.32	60.60	3.36	64.71	3.42	67.93	3.49
	35	51.80	3.13	55.01	3.25	58.23	3.36	60.55	3.40	64.66	3.47	67.88	3.54
	40	51.76	3.17	54.97	3.29	58.19	3.41	60.51	3.45	64.62	3.51	67.83	3.58
	45	51.72	3.22	54.93	3.33	58.14	3.46	60.46	3.50	64.57	3.56	67.78	3.63
	50	51.68	3.26	54.89	3.38	58.10	3.50	60.42	3.54	64.52	3.61	67.73	3.68
	55	51.64	3.30	54.85	3.42	58.05	3.55	60.37	3.59	64.47	3.66	67.67	3.73
	60	51.60	3.34	54.80	3.47	58.01	3.59	60.32	3.63	64.42	3.70	67.62	3.78
	65	51.56	3.39	54.76	3.51	57.96	3.64	60.28	3.68	64.37	3.75	67.57	3.82
	70	51.52	3.43	54.72	3.55	57.92	3.68	60.23	3.73	64.32	3.80	67.52	3.87
	75	50.28	3.61	53.47	3.75	56.66	3.88	58.97	3.93	63.05	4.00	66.24	4.08
	80	49.04	3.80	52.22	3.94	55.41	4.08	57.71	4.13	61.78	4.21	64.96	4.29
	85	47.81	3.98	50.99	4.13	54.16	4.28	56.46	4.33	60.52	4.41	63.69	4.50
	90	46.58	4.17	49.75	4.32	52.92	4.48	55.21	4.53	59.26	4.62	62.42	4.71
	95	45.25	4.35	48.40	4.51	51.55	4.68	53.00	4.73	56.80	4.73	58.68	4.73
	100	44.72	4.54	47.91	4.71	49.56	4.73	50.65	4.73	54.10	4.73	55.99	4.73
	105	44.18	4.72	45.80	4.73	47.20	4.73	48.46	4.73	51.71	4.73	53.51	4.73
	110	42.07	4.73	43.64	4.73	45.09	4.73	46.35	4.73	49.41	4.73	51.32	4.73
	115	40.09	4.73	41.63	4.73	43.06	4.73	44.48	4.73	47.36	4.73	49.19	4.73
	118	38.87	4.73	40.45	4.73	41.91	4.73	43.42	4.73	46.19	4.73	47.96	4.73
	122	37.76	4.73	39.27	4.73	40.67	4.73	42.19	4.73	44.81	4.73	46.56	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 87: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-4	52.11	2.80	55.34	2.90	58.58	3.01	60.92	3.04	65.05	3.10	68.29	3.16
	0	52.08	2.83	55.31	2.93	58.55	3.04	60.88	3.08	65.01	3.13	68.25	3.20
	5	52.04	2.88	55.27	2.98	58.50	3.09	60.83	3.13	64.96	3.18	68.19	3.25
	10	52.00	2.92	55.22	3.03	58.45	3.14	60.79	3.17	64.91	3.23	68.14	3.30
	14	51.96	2.96	55.18	3.07	58.41	3.18	60.74	3.22	64.86	3.28	68.09	3.34
	20	51.92	3.00	55.14	3.11	58.36	3.23	60.69	3.26	64.81	3.33	68.04	3.39
	25	51.88	3.05	55.10	3.16	58.32	3.27	60.65	3.31	64.76	3.37	67.99	3.44
	30	51.84	3.09	55.06	3.20	58.28	3.32	60.60	3.36	64.71	3.42	67.93	3.49
	35	51.80	3.13	55.01	3.25	58.23	3.36	60.55	3.40	64.66	3.47	67.88	3.54
	40	51.76	3.17	54.97	3.29	58.19	3.41	60.51	3.45	64.62	3.51	67.83	3.58
	45	51.72	3.22	54.93	3.33	58.14	3.46	60.46	3.50	64.57	3.56	67.78	3.63
	50	51.68	3.26	54.89	3.38	58.10	3.50	60.42	3.54	64.52	3.61	67.73	3.68
	55	51.64	3.30	54.85	3.42	58.05	3.55	60.37	3.59	64.47	3.66	67.67	3.73
	60	51.60	3.34	54.80	3.47	58.01	3.59	60.32	3.63	64.42	3.70	67.62	3.78
	65	51.56	3.39	54.76	3.51	57.96	3.64	60.28	3.68	64.37	3.75	67.57	3.82
	70	51.52	3.43	54.72	3.55	57.92	3.68	60.23	3.73	64.32	3.80	67.52	3.87
	75	50.28	3.61	53.47	3.75	56.66	3.88	58.97	3.93	63.05	4.00	66.24	4.08
	80	49.04	3.80	52.22	3.94	55.41	4.08	57.71	4.13	61.78	4.21	64.96	4.29
	85	47.81	3.98	50.99	4.13	54.16	4.28	56.46	4.33	60.52	4.41	63.69	4.50
	90	46.58	4.17	49.75	4.32	52.92	4.48	55.21	4.53	59.26	4.62	62.42	4.71
	95	45.25	4.35	48.40	4.51	51.55	4.68	53.00	4.73	56.80	4.73	58.68	4.73
	100	44.72	4.54	47.91	4.71	49.56	4.73	50.65	4.73	54.10	4.73	55.99	4.73
	105	44.18	4.72	45.80	4.73	47.20	4.73	48.46	4.73	51.71	4.73	53.51	4.73
	110	42.07	4.73	43.64	4.73	45.09	4.73	46.35	4.73	49.41	4.73	51.32	4.73
	115	40.09	4.73	41.63	4.73	43.06	4.73	44.48	4.73	47.36	4.73	49.19	4.73
	118	38.87	4.73	40.45	4.73	41.91	4.73	43.42	4.73	46.19	4.73	47.96	4.73
	122	37.76	4.73	39.27	4.73	40.67	4.73	42.19	4.73	44.81	4.73	46.56	4.73
55	-4	52.11	2.80	55.34	2.90	58.58	3.01	60.92	3.04	65.05	3.10	68.29	3.16
	0	52.08	2.83	55.31	2.93	58.55	3.04	60.88	3.08	65.01	3.13	68.25	3.20
	5	52.04	2.88	55.27	2.98	58.50	3.09	60.83	3.13	64.96	3.18	68.19	3.25
	10	52.00	2.92	55.22	3.03	58.45	3.14	60.79	3.17	64.91	3.23	68.14	3.30
	14	51.96	2.96	55.18	3.07	58.41	3.18	60.74	3.22	64.86	3.28	68.09	3.34
	20	51.92	3.00	55.14	3.11	58.36	3.23	60.69	3.26	64.81	3.33	68.04	3.39
	25	51.88	3.05	55.10	3.16	58.32	3.27	60.65	3.31	64.76	3.37	67.99	3.44
	30	51.84	3.09	55.06	3.20	58.28	3.32	60.60	3.36	64.71	3.42	67.93	3.49
	35	51.80	3.13	55.01	3.25	58.23	3.36	60.55	3.40	64.66	3.47	67.88	3.54
	40	51.76	3.17	54.97	3.29	58.19	3.41	60.51	3.45	64.62	3.51	67.83	3.58
	45	51.72	3.22	54.93	3.33	58.14	3.46	60.46	3.50	64.57	3.56	67.78	3.63
	50	51.68	3.26	54.89	3.38	58.10	3.50	60.42	3.54	64.52	3.61	67.73	3.68
	55	51.64	3.30	54.85	3.42	58.05	3.55	60.37	3.59	64.47	3.66	67.67	3.73
	60	51.60	3.34	54.80	3.47	58.01	3.59	60.32	3.63	64.42	3.70	67.62	3.78
	65	51.56	3.39	54.76	3.51	57.96	3.64	60.28	3.68	64.37	3.75	67.57	3.82
	70	51.52	3.43	54.72	3.55	57.92	3.68	60.23	3.73	64.32	3.80	67.52	3.87
	75	50.28	3.61	53.47	3.75	56.66	3.88	58.97	3.93	63.05	4.00	66.24	4.08
	80	49.04	3.80	52.22	3.94	55.41	4.08	57.71	4.13	61.78	4.21	64.96	4.29
	85	47.81	3.98	50.99	4.13	54.16	4.28	56.46	4.33	60.52	4.41	63.69	4.50
	90	46.58	4.17	49.75	4.32	52.92	4.48	55.21	4.53	59.26	4.62	62.42	4.71
	95	45.25	4.35	48.40	4.51	51.55	4.68	53.00	4.73	56.80	4.73	58.68	4.73
	100	44.72	4.54	47.91	4.71	49.56	4.73	50.65	4.73	54.10	4.73	55.99	4.73
	105	44.18	4.72	45.80	4.73	47.20	4.73	48.46	4.73	51.71	4.73	53.51	4.73
	110	42.07	4.73	43.64	4.73	45.09	4.73	46.35	4.73	49.41	4.73	51.32	4.73
	115	40.09	4.73	41.63	4.73	43.06	4.73	44.48	4.73	47.36	4.73	49.19	4.73
	118	38.87	4.73	40.45	4.73	41.91	4.73	43.42	4.73	46.19	4.73	47.96	4.73
	122	37.76	4.73	39.27	4.73	40.67	4.73	42.19	4.73	44.81	4.73	46.56	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 88: KUMXA421A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
56	-4	52.11	2.80	55.34	2.90	58.58	3.01	60.92	3.04	65.05	3.10	68.29	3.16
	0	52.08	2.83	55.31	2.93	58.55	3.04	60.88	3.08	65.01	3.13	68.25	3.20
	5	52.04	2.88	55.27	2.98	58.50	3.09	60.83	3.13	64.96	3.18	68.19	3.25
	10	52.00	2.92	55.22	3.03	58.45	3.14	60.79	3.17	64.91	3.23	68.14	3.30
	14	51.96	2.96	55.18	3.07	58.41	3.18	60.74	3.22	64.86	3.28	68.09	3.34
	20	51.92	3.00	55.14	3.11	58.36	3.23	60.69	3.26	64.81	3.33	68.04	3.39
	25	51.88	3.05	55.10	3.16	58.32	3.27	60.65	3.31	64.76	3.37	67.99	3.44
	30	51.84	3.09	55.06	3.20	58.28	3.32	60.60	3.36	64.71	3.42	67.93	3.49
	35	51.80	3.13	55.01	3.25	58.23	3.36	60.55	3.40	64.66	3.47	67.88	3.54
	40	51.76	3.17	54.97	3.29	58.19	3.41	60.51	3.45	64.62	3.51	67.83	3.58
	45	51.72	3.22	54.93	3.33	58.14	3.46	60.46	3.50	64.57	3.56	67.78	3.63
	50	51.68	3.26	54.89	3.38	58.10	3.50	60.42	3.54	64.52	3.61	67.73	3.68
	55	51.64	3.30	54.85	3.42	58.05	3.55	60.37	3.59	64.47	3.66	67.67	3.73
	60	51.60	3.34	54.80	3.47	58.01	3.59	60.32	3.63	64.42	3.70	67.62	3.78
	65	51.56	3.39	54.76	3.51	57.96	3.64	60.28	3.68	64.37	3.75	67.57	3.82
	70	51.52	3.43	54.72	3.55	57.92	3.68	60.23	3.73	64.32	3.80	67.52	3.87
	75	50.28	3.61	53.47	3.75	56.66	3.88	58.97	3.93	63.05	4.00	66.24	4.08
	80	49.04	3.80	52.22	3.94	55.41	4.08	57.71	4.13	61.78	4.21	64.96	4.29
	85	47.81	3.98	50.99	4.13	54.16	4.28	56.46	4.33	60.52	4.41	63.69	4.50
	90	46.58	4.17	49.75	4.32	52.92	4.48	55.21	4.53	59.26	4.62	62.42	4.71
	95	45.25	4.35	48.40	4.51	51.55	4.68	53.00	4.73	56.80	4.73	58.68	4.73
	100	44.72	4.54	47.91	4.71	49.56	4.73	50.65	4.73	54.10	4.73	55.99	4.73
	105	44.18	4.72	45.80	4.73	47.20	4.73	48.46	4.73	51.71	4.73	53.51	4.73
	110	42.07	4.73	43.64	4.73	45.09	4.73	46.35	4.73	49.41	4.73	51.32	4.73
	115	40.09	4.73	41.63	4.73	43.06	4.73	44.48	4.73	47.36	4.73	49.19	4.73
	118	38.87	4.73	40.45	4.73	41.91	4.73	43.42	4.73	46.19	4.73	47.96	4.73
	122	37.76	4.73	39.27	4.73	40.67	4.73	42.19	4.73	44.81	4.73	46.56	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 89: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	20.35	1.00	21.61	1.03	22.88	1.07	23.79	1.08	25.41	1.10	26.67	1.12
	0	20.34	1.01	21.60	1.04	22.87	1.08	23.78	1.09	25.39	1.11	26.66	1.14
	5	20.32	1.02	21.59	1.06	22.85	1.10	23.76	1.11	25.37	1.13	26.63	1.16
	10	20.31	1.04	21.57	1.08	22.83	1.12	23.74	1.13	25.35	1.15	26.61	1.17
	14	20.29	1.05	21.55	1.09	22.81	1.13	23.72	1.14	25.33	1.17	26.59	1.19
	20	20.28	1.07	21.54	1.11	22.80	1.15	23.70	1.16	25.31	1.18	26.57	1.21
	25	20.26	1.08	21.52	1.12	22.78	1.16	23.69	1.18	25.29	1.20	26.55	1.22
	30	20.25	1.10	21.50	1.14	22.76	1.18	23.67	1.19	25.28	1.22	26.53	1.24
	35	20.23	1.11	21.49	1.15	22.74	1.20	23.65	1.21	25.26	1.23	26.51	1.26
	40	20.21	1.13	21.47	1.17	22.73	1.21	23.63	1.23	25.24	1.25	26.49	1.27
	45	20.20	1.14	21.45	1.19	22.71	1.23	23.61	1.24	25.22	1.27	26.47	1.29
	50	20.18	1.16	21.44	1.20	22.69	1.25	23.60	1.26	25.20	1.28	26.45	1.31
	55	20.17	1.17	21.42	1.22	22.67	1.26	23.58	1.28	25.18	1.30	26.43	1.33
	60	20.15	1.19	21.40	1.23	22.66	1.28	23.56	1.29	25.16	1.32	26.41	1.34
	65	20.14	1.20	21.39	1.25	22.64	1.29	23.54	1.31	25.14	1.33	26.39	1.36
	70	20.12	1.22	21.37	1.26	22.62	1.31	23.52	1.33	25.12	1.35	26.37	1.38
	75	19.64	1.29	20.88	1.33	22.13	1.38	23.03	1.40	24.62	1.42	25.87	1.45
	80	19.15	1.35	20.40	1.40	21.64	1.45	22.54	1.47	24.13	1.50	25.37	1.53
	85	18.67	1.42	19.91	1.47	21.15	1.52	22.05	1.54	23.64	1.57	24.88	1.60
	90	18.19	1.48	19.43	1.54	20.67	1.59	21.56	1.61	23.14	1.64	24.38	1.67
	95	17.67	1.55	18.90	1.60	20.14	1.66	20.70	1.68	22.60	1.71	23.83	1.75
	100	17.46	1.61	18.71	1.67	19.96	1.73	20.61	1.75	22.46	1.79	23.71	1.82
	105	17.26	1.68	18.52	1.74	19.79	1.80	20.52	1.83	22.32	1.86	23.59	1.90
	110	17.05	1.75	18.33	1.81	19.62	1.88	20.43	1.90	22.18	1.93	23.47	1.97
	115	16.84	1.81	18.14	1.88	19.44	1.95	20.34	1.97	22.05	2.01	23.35	2.05
	118	16.72	1.85	18.03	1.92	19.34	1.99	20.29	2.01	21.96	2.05	23.27	2.09
	122	16.67	1.90	17.99	1.97	19.30	2.05	20.27	2.07	21.94	2.11	23.25	2.15
19	-4	21.39	1.05	22.72	1.09	24.04	1.13	25.00	1.14	26.70	1.16	28.03	1.18
	0	21.38	1.06	22.70	1.10	24.03	1.14	24.99	1.15	26.69	1.17	28.01	1.20
	5	21.36	1.08	22.69	1.12	24.01	1.16	24.97	1.17	26.66	1.19	27.99	1.22
	10	21.34	1.09	22.67	1.13	23.99	1.17	24.95	1.19	26.64	1.21	27.97	1.23
	14	21.33	1.11	22.65	1.15	23.98	1.19	24.93	1.21	26.62	1.23	27.95	1.25
	20	21.31	1.13	22.63	1.17	23.96	1.21	24.91	1.22	26.60	1.25	27.93	1.27
	25	21.29	1.14	22.62	1.18	23.94	1.23	24.89	1.24	26.58	1.26	27.91	1.29
	30	21.28	1.16	22.60	1.20	23.92	1.24	24.87	1.26	26.56	1.28	27.88	1.31
	35	21.26	1.17	22.58	1.22	23.90	1.26	24.86	1.27	26.54	1.30	27.86	1.32
	40	21.24	1.19	22.56	1.23	23.88	1.28	24.84	1.29	26.52	1.32	27.84	1.34
	45	21.23	1.21	22.55	1.25	23.87	1.29	24.82	1.31	26.50	1.33	27.82	1.36
	50	21.21	1.22	22.53	1.27	23.85	1.31	24.80	1.33	26.48	1.35	27.80	1.38
	55	21.20	1.24	22.51	1.28	23.83	1.33	24.78	1.34	26.46	1.37	27.78	1.40
	60	21.18	1.25	22.50	1.30	23.81	1.35	24.76	1.36	26.44	1.39	27.76	1.41
	65	21.16	1.27	22.48	1.32	23.79	1.36	24.74	1.38	26.42	1.40	27.74	1.43
	70	21.15	1.28	22.46	1.33	23.77	1.38	24.72	1.40	26.40	1.42	27.71	1.45
	75	20.64	1.35	21.95	1.40	23.26	1.45	24.20	1.47	25.88	1.50	27.19	1.53
	80	20.13	1.42	21.44	1.48	22.74	1.53	23.69	1.55	25.36	1.58	26.66	1.61
	85	19.63	1.49	20.93	1.55	22.23	1.60	23.17	1.62	24.84	1.65	26.14	1.69
	90	19.12	1.56	20.42	1.62	21.72	1.68	22.66	1.70	24.32	1.73	25.62	1.76
	95	18.57	1.63	19.87	1.69	21.16	1.75	21.75	1.77	23.75	1.81	25.04	1.84
	100	18.35	1.70	19.67	1.76	20.98	1.83	21.66	1.85	23.60	1.88	24.92	1.92
	105	18.14	1.77	19.47	1.83	20.80	1.90	21.57	1.92	23.46	1.96	24.79	2.00
	110	17.92	1.84	19.27	1.91	20.61	1.98	21.47	2.00	23.31	2.04	24.66	2.08
	115	17.70	1.91	19.07	1.98	20.43	2.05	21.38	2.07	23.17	2.11	24.54	2.16
	118	17.57	1.95	18.95	2.02	20.32	2.10	21.32	2.12	23.08	2.16	24.46	2.20
	122	17.52	2.01	18.91	2.08	20.29	2.15	21.30	2.18	23.05	2.22	24.43	2.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 90: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	22.42	1.10	23.82	1.14	25.21	1.18	26.22	1.20	28.00	1.22	29.39	1.25
	0	22.41	1.11	23.80	1.16	25.20	1.20	26.20	1.21	27.98	1.23	29.37	1.26
	5	22.39	1.13	23.79	1.17	25.18	1.22	26.18	1.23	27.96	1.25	29.35	1.28
	10	22.38	1.15	23.77	1.19	25.16	1.23	26.16	1.25	27.94	1.27	29.33	1.30
	14	22.36	1.17	23.75	1.21	25.14	1.25	26.14	1.27	27.91	1.29	29.30	1.32
	20	22.34	1.18	23.73	1.23	25.12	1.27	26.12	1.29	27.89	1.31	29.28	1.34
	25	22.33	1.20	23.71	1.24	25.10	1.29	26.10	1.30	27.87	1.33	29.26	1.35
	30	22.31	1.22	23.69	1.26	25.08	1.31	26.08	1.32	27.85	1.35	29.24	1.37
	35	22.29	1.23	23.68	1.28	25.06	1.32	26.06	1.34	27.83	1.37	29.21	1.39
	40	22.27	1.25	23.66	1.30	25.04	1.34	26.04	1.36	27.81	1.38	29.19	1.41
	45	22.26	1.27	23.64	1.31	25.02	1.36	26.02	1.38	27.79	1.40	29.17	1.43
	50	22.24	1.28	23.62	1.33	25.00	1.38	26.00	1.39	27.77	1.42	29.15	1.45
	55	22.22	1.30	23.60	1.35	24.98	1.40	25.98	1.41	27.74	1.44	29.12	1.47
	60	22.21	1.32	23.59	1.36	24.96	1.41	25.96	1.43	27.72	1.46	29.10	1.49
	65	22.19	1.33	23.57	1.38	24.95	1.43	25.94	1.45	27.70	1.48	29.08	1.51
	70	22.17	1.35	23.55	1.40	24.93	1.45	25.92	1.47	27.68	1.50	29.06	1.53
	75	21.64	1.42	23.01	1.48	24.39	1.53	25.38	1.55	27.13	1.58	28.51	1.61
	80	21.11	1.50	22.48	1.55	23.85	1.61	24.84	1.63	26.59	1.66	27.96	1.69
	85	20.58	1.57	21.94	1.63	23.31	1.69	24.30	1.71	26.04	1.74	27.41	1.77
	90	20.05	1.64	21.41	1.70	22.77	1.76	23.76	1.78	25.50	1.82	26.86	1.85
	95	19.47	1.71	20.83	1.78	22.19	1.84	22.81	1.86	24.90	1.90	26.26	1.94
	100	19.24	1.79	20.62	1.85	22.00	1.92	22.71	1.94	24.75	1.98	26.12	2.02
	105	19.02	1.86	20.41	1.93	21.81	2.00	22.61	2.02	24.60	2.06	25.99	2.10
	110	18.79	1.93	20.20	2.00	21.61	2.08	22.51	2.10	24.44	2.14	25.86	2.18
21	115	18.56	2.01	19.99	2.08	21.42	2.16	22.41	2.18	24.29	2.22	25.72	2.27
	118	18.42	2.05	19.86	2.12	21.31	2.20	22.35	2.23	24.20	2.27	25.64	2.31
	122	18.37	2.11	19.82	2.19	21.27	2.26	22.33	2.29	24.17	2.33	25.62	2.38
	-4	23.46	1.16	24.92	1.20	26.38	1.24	27.43	1.26	29.29	1.28	30.75	1.31
	0	23.45	1.17	24.91	1.21	26.36	1.26	27.41	1.27	29.27	1.29	30.73	1.32
	5	23.43	1.19	24.88	1.23	26.34	1.28	27.39	1.29	29.25	1.32	30.71	1.34
	10	23.41	1.21	24.87	1.25	26.32	1.30	27.37	1.31	29.23	1.33	30.68	1.36
	14	23.39	1.22	24.85	1.27	26.30	1.31	27.35	1.33	29.21	1.35	30.66	1.38
	20	23.38	1.24	24.83	1.29	26.28	1.33	27.33	1.35	29.18	1.37	30.64	1.40
	25	23.36	1.26	24.81	1.30	26.26	1.35	27.31	1.37	29.16	1.39	30.61	1.42
	30	23.34	1.28	24.79	1.32	26.24	1.37	27.29	1.39	29.14	1.41	30.59	1.44
	35	23.32	1.29	24.77	1.34	26.22	1.39	27.27	1.41	29.12	1.43	30.56	1.46
	40	23.30	1.31	24.75	1.36	26.20	1.41	27.24	1.42	29.09	1.45	30.54	1.48
	45	23.29	1.33	24.73	1.38	26.18	1.43	27.22	1.44	29.07	1.47	30.52	1.50
	50	23.27	1.35	24.71	1.40	26.16	1.45	27.20	1.46	29.05	1.49	30.49	1.52
	55	23.25	1.36	24.70	1.41	26.14	1.47	27.18	1.48	29.03	1.51	30.47	1.54
	60	23.23	1.38	24.68	1.43	26.12	1.48	27.16	1.50	29.01	1.53	30.45	1.56
	65	23.22	1.40	24.66	1.45	26.10	1.50	27.14	1.52	28.98	1.55	30.42	1.58
	70	23.20	1.42	24.64	1.47	26.08	1.52	27.12	1.54	28.96	1.57	30.40	1.60
	75	22.64	1.49	24.08	1.55	25.51	1.60	26.55	1.62	28.39	1.65	29.83	1.69
	80	22.08	1.57	23.51	1.63	24.95	1.69	25.98	1.71	27.82	1.74	29.25	1.77
	85	21.53	1.65	22.96	1.71	24.39	1.77	25.42	1.79	27.25	1.82	28.68	1.86
	90	20.97	1.72	22.40	1.78	23.83	1.85	24.86	1.87	26.68	1.91	28.11	1.94
	95	20.37	1.80	21.79	1.86	23.21	1.93	23.86	1.95	26.05	1.99	27.47	2.03
	100	20.13	1.87	21.57	1.94	23.01	2.01	23.76	2.04	25.89	2.08	27.33	2.12
	105	19.89	1.95	21.35	2.02	22.81	2.10	23.66	2.12	25.73	2.16	27.19	2.20
	110	19.65	2.03	21.13	2.10	22.61	2.18	23.55	2.20	25.57	2.24	27.05	2.29
	115	19.41	2.10	20.92	2.18	22.41	2.26	23.45	2.29	25.42	2.33	26.91	2.38
	118	19.27	2.15	20.78	2.23	22.29	2.31	23.39	2.34	25.32	2.38	26.83	2.43
	122	19.22	2.21	20.74	2.29	22.25	2.38	23.37	2.40	25.29	2.45	26.80	2.50

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 91: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	24.50	1.21	26.02	1.25	27.54	1.30	28.64	1.32	30.58	1.34	32.11	1.37
	0	24.49	1.22	26.01	1.27	27.53	1.31	28.63	1.33	30.57	1.35	32.09	1.38
	5	24.47	1.24	25.98	1.29	27.50	1.34	28.60	1.35	30.54	1.38	32.06	1.40
	10	24.45	1.26	25.96	1.31	27.48	1.36	28.58	1.37	30.52	1.40	32.04	1.43
	14	24.43	1.28	25.95	1.33	27.46	1.38	28.56	1.39	30.50	1.42	32.01	1.45
	20	24.41	1.30	25.93	1.35	27.44	1.40	28.54	1.41	30.47	1.44	31.99	1.47
	25	24.39	1.32	25.91	1.37	27.42	1.42	28.51	1.43	30.45	1.46	31.96	1.49
	30	24.37	1.34	25.89	1.38	27.40	1.43	28.49	1.45	30.43	1.48	31.94	1.51
	35	24.35	1.35	25.87	1.40	27.38	1.45	28.47	1.47	30.40	1.50	31.92	1.53
	40	24.33	1.37	25.85	1.42	27.36	1.47	28.45	1.49	30.38	1.52	31.89	1.55
	45	24.32	1.39	25.83	1.44	27.34	1.49	28.43	1.51	30.36	1.54	31.87	1.57
	50	24.30	1.41	25.81	1.46	27.32	1.51	28.41	1.53	30.33	1.56	31.84	1.59
	55	24.28	1.43	25.79	1.48	27.29	1.53	28.38	1.55	30.31	1.58	31.82	1.61
	60	24.26	1.45	25.77	1.50	27.27	1.55	28.36	1.57	30.29	1.60	31.79	1.63
	65	24.24	1.46	25.75	1.52	27.25	1.57	28.34	1.59	30.26	1.62	31.77	1.65
	70	24.22	1.48	25.73	1.54	27.23	1.59	28.32	1.61	30.24	1.64	31.74	1.67
	75	23.64	1.56	25.14	1.62	26.64	1.68	27.73	1.70	29.64	1.73	31.14	1.76
	80	23.06	1.64	24.55	1.70	26.05	1.76	27.13	1.79	29.05	1.82	30.54	1.86
	85	22.48	1.72	23.97	1.79	25.47	1.85	26.54	1.87	28.45	1.91	29.95	1.95
	90	21.90	1.80	23.39	1.87	24.88	1.94	25.96	1.96	27.86	2.00	29.35	2.04
	95	21.27	1.88	22.76	1.95	24.24	2.02	24.92	2.05	27.20	2.08	28.69	2.13
	100	21.02	1.96	22.53	2.03	24.03	2.11	24.81	2.13	27.04	2.17	28.54	2.22
	105	20.77	2.04	22.30	2.12	23.82	2.19	24.70	2.22	26.87	2.26	28.39	2.31
	110	20.52	2.12	22.07	2.20	23.61	2.28	24.59	2.31	26.70	2.35	28.25	2.40
	115	20.27	2.20	21.84	2.28	23.40	2.37	24.49	2.39	26.54	2.44	28.10	2.49
	118	20.12	2.25	21.70	2.33	23.28	2.42	24.42	2.45	26.44	2.49	28.02	2.54
	122	20.07	2.31	21.66	2.40	23.24	2.49	24.40	2.52	26.41	2.56	27.99	2.61
23	-4	25.54	1.26	27.12	1.31	28.71	1.36	29.85	1.37	31.88	1.40	33.47	1.43
	0	25.52	1.28	27.11	1.33	28.69	1.37	29.84	1.39	31.86	1.42	33.45	1.44
	5	25.50	1.30	27.08	1.35	28.67	1.40	29.81	1.41	31.84	1.44	33.42	1.47
	10	25.48	1.32	27.06	1.37	28.65	1.42	29.79	1.43	31.81	1.46	33.39	1.49
	14	25.46	1.34	27.04	1.39	28.62	1.44	29.77	1.45	31.79	1.48	33.37	1.51
	20	25.44	1.36	27.02	1.41	28.60	1.46	29.74	1.47	31.76	1.50	33.34	1.53
	25	25.42	1.38	27.00	1.43	28.58	1.48	29.72	1.50	31.74	1.52	33.32	1.55
	30	25.40	1.40	26.98	1.45	28.56	1.50	29.70	1.52	31.71	1.54	33.29	1.58
	35	25.38	1.41	26.96	1.47	28.54	1.52	29.68	1.54	31.69	1.57	33.27	1.60
	40	25.36	1.43	26.94	1.49	28.52	1.54	29.65	1.56	31.67	1.59	33.24	1.62
	45	25.35	1.45	26.92	1.51	28.49	1.56	29.63	1.58	31.64	1.61	33.22	1.64
	50	25.33	1.47	26.90	1.53	28.47	1.58	29.61	1.60	31.62	1.63	33.19	1.66
	55	25.31	1.49	26.88	1.55	28.45	1.60	29.59	1.62	31.59	1.65	33.16	1.68
	60	25.29	1.51	26.86	1.57	28.43	1.62	29.56	1.64	31.57	1.67	33.14	1.71
	65	25.27	1.53	26.84	1.59	28.41	1.64	29.54	1.66	31.54	1.69	33.11	1.73
	70	25.25	1.55	26.82	1.61	28.38	1.66	29.52	1.68	31.52	1.72	33.09	1.75
	75	24.64	1.63	26.21	1.69	27.77	1.75	28.90	1.77	30.90	1.81	32.46	1.84
	80	24.03	1.72	25.59	1.78	27.15	1.84	28.28	1.87	30.27	1.90	31.83	1.94
	85	23.43	1.80	24.99	1.87	26.54	1.93	27.67	1.96	29.66	1.99	31.21	2.03
	90	22.83	1.88	24.38	1.95	25.93	2.02	27.06	2.05	29.04	2.09	30.59	2.13
	95	22.18	1.97	23.72	2.04	25.27	2.11	25.97	2.14	28.35	2.18	29.90	2.22
	100	21.91	2.05	23.48	2.13	25.05	2.20	25.86	2.23	28.18	2.27	29.75	2.32
	105	21.65	2.13	23.24	2.21	24.83	2.29	25.75	2.32	28.01	2.36	29.60	2.41
	110	21.39	2.22	23.00	2.30	24.61	2.38	25.64	2.41	27.84	2.46	29.44	2.50
	115	21.13	2.30	22.76	2.39	24.40	2.47	25.52	2.50	27.66	2.55	29.29	2.60
	118	20.97	2.35	22.62	2.44	24.26	2.53	25.45	2.56	27.56	2.60	29.20	2.66
	122	20.92	2.42	22.57	2.51	24.22	2.60	25.43	2.63	27.52	2.68	29.17	2.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 92: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	26.57	1.32	28.22	1.37	29.87	1.42	31.07	1.43	33.17	1.46	34.82	1.49
	0	26.56	1.33	28.21	1.38	29.86	1.43	31.05	1.45	33.16	1.48	34.81	1.51
	5	26.54	1.36	28.18	1.41	29.83	1.46	31.02	1.47	33.13	1.50	34.78	1.53
	10	26.52	1.38	28.16	1.43	29.81	1.48	31.00	1.49	33.10	1.52	34.75	1.55
	14	26.50	1.40	28.14	1.45	29.79	1.50	30.98	1.52	33.08	1.55	34.72	1.58
	20	26.48	1.42	28.12	1.47	29.76	1.52	30.95	1.54	33.05	1.57	34.70	1.60
	25	26.46	1.44	28.10	1.49	29.74	1.54	30.93	1.56	33.03	1.59	34.67	1.62
	30	26.44	1.46	28.08	1.51	29.72	1.56	30.90	1.58	33.00	1.61	34.64	1.64
	35	26.42	1.48	28.06	1.53	29.70	1.59	30.88	1.60	32.98	1.63	34.62	1.67
	40	26.39	1.50	28.03	1.55	29.67	1.61	30.86	1.63	32.95	1.66	34.59	1.69
	45	26.37	1.52	28.01	1.57	29.65	1.63	30.83	1.65	32.93	1.68	34.56	1.71
	50	26.35	1.54	27.99	1.59	29.63	1.65	30.81	1.67	32.90	1.70	34.54	1.73
	55	26.33	1.56	27.97	1.61	29.61	1.67	30.79	1.69	32.88	1.72	34.51	1.76
	60	26.31	1.58	27.95	1.63	29.58	1.69	30.76	1.71	32.85	1.74	34.49	1.78
	65	26.29	1.60	27.93	1.65	29.56	1.71	30.74	1.73	32.83	1.77	34.46	1.80
	70	26.27	1.62	27.91	1.68	29.54	1.74	30.72	1.76	32.80	1.79	34.43	1.83
	75	25.64	1.70	27.27	1.77	28.90	1.83	30.07	1.85	32.15	1.89	33.78	1.92
	80	25.01	1.79	26.63	1.86	28.26	1.92	29.43	1.95	31.50	1.98	33.13	2.02
	85	24.38	1.88	26.00	1.95	27.62	2.02	28.79	2.04	30.86	2.08	32.48	2.12
	90	23.76	1.97	25.37	2.04	26.99	2.11	28.15	2.14	30.22	2.18	31.83	2.22
	95	23.08	2.05	24.68	2.13	26.29	2.20	27.03	2.23	29.51	2.27	31.11	2.32
	100	22.80	2.14	24.43	2.22	26.06	2.30	26.91	2.32	29.33	2.37	30.96	2.42
	105	22.53	2.23	24.19	2.31	25.84	2.39	26.79	2.42	29.15	2.47	30.80	2.51
	110	22.26	2.31	23.94	2.40	25.61	2.49	26.68	2.51	28.97	2.56	30.64	2.61
	115	21.99	2.40	23.69	2.49	25.39	2.58	26.56	2.61	28.79	2.66	30.48	2.71
	118	21.83	2.45	23.54	2.54	25.25	2.64	26.49	2.67	28.68	2.72	30.39	2.77
	122	21.77	2.52	23.49	2.62	25.20	2.71	26.46	2.74	28.64	2.79	30.36	2.85
25	-4	27.61	1.37	29.32	1.42	31.04	1.48	32.28	1.49	34.47	1.52	36.18	1.55
	0	27.59	1.39	29.31	1.44	31.02	1.49	32.26	1.51	34.45	1.54	36.16	1.57
	5	27.57	1.41	29.28	1.46	31.00	1.52	32.23	1.53	34.42	1.56	36.13	1.59
	10	27.55	1.43	29.26	1.49	30.97	1.54	32.21	1.56	34.40	1.59	36.11	1.62
	14	27.53	1.45	29.24	1.51	30.95	1.56	32.18	1.58	34.37	1.61	36.08	1.64
	20	27.51	1.47	29.22	1.53	30.93	1.58	32.16	1.60	34.34	1.63	36.05	1.67
	25	27.49	1.50	29.20	1.55	30.90	1.61	32.14	1.63	34.32	1.66	36.02	1.69
	30	27.47	1.52	29.17	1.57	30.88	1.63	32.11	1.65	34.29	1.68	36.00	1.71
	35	27.45	1.54	29.15	1.59	30.86	1.65	32.09	1.67	34.26	1.70	35.97	1.74
	40	27.43	1.56	29.13	1.62	30.83	1.67	32.06	1.69	34.24	1.73	35.94	1.76
	45	27.40	1.58	29.11	1.64	30.81	1.70	32.04	1.72	34.21	1.75	35.91	1.78
	50	27.38	1.60	29.08	1.66	30.78	1.72	32.01	1.74	34.19	1.77	35.89	1.81
	55	27.36	1.62	29.06	1.68	30.76	1.74	31.99	1.76	34.16	1.79	35.86	1.83
	60	27.34	1.64	29.04	1.70	30.74	1.76	31.96	1.78	34.13	1.82	35.83	1.85
	65	27.32	1.66	29.02	1.72	30.71	1.79	31.94	1.81	34.11	1.84	35.80	1.88
	70	27.30	1.68	28.99	1.75	30.69	1.81	31.91	1.83	34.08	1.86	35.78	1.90
	75	26.64	1.77	28.33	1.84	30.02	1.91	31.25	1.93	33.41	1.96	35.10	2.00
	80	25.99	1.87	27.67	1.93	29.36	2.00	30.58	2.03	32.73	2.06	34.42	2.11
	85	25.33	1.96	27.02	2.03	28.70	2.10	29.92	2.13	32.07	2.17	33.75	2.21
	90	24.68	2.05	26.36	2.12	28.04	2.20	29.25	2.22	31.40	2.27	33.08	2.31
	95	23.98	2.14	25.65	2.22	27.32	2.30	28.08	2.32	30.66	2.37	32.33	2.41
	100	23.69	2.23	25.39	2.31	27.08	2.39	27.96	2.42	30.47	2.47	32.16	2.52
	105	23.41	2.32	25.13	2.40	26.85	2.49	27.84	2.52	30.28	2.57	32.00	2.62
	110	23.13	2.41	24.87	2.50	26.61	2.59	27.72	2.62	30.10	2.67	31.84	2.72
	115	22.85	2.50	24.61	2.59	26.38	2.69	27.59	2.72	29.91	2.77	31.67	2.82
	118	22.68	2.56	24.46	2.65	26.24	2.75	27.52	2.78	29.80	2.83	31.57	2.89
	122	22.62	2.63	24.41	2.72	26.19	2.82	27.50	2.86	29.76	2.91	31.54	2.97

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 93: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	28.65	1.43	30.43	1.48	32.20	1.54	33.49	1.55	35.76	1.58	37.54	1.61
	0	28.63	1.45	30.41	1.50	32.19	1.55	33.47	1.57	35.74	1.60	37.52	1.63
	5	28.61	1.47	30.38	1.52	32.16	1.58	33.44	1.60	35.71	1.63	37.49	1.66
	10	28.59	1.49	30.36	1.54	32.14	1.60	33.42	1.62	35.69	1.65	37.46	1.68
	14	28.56	1.51	30.34	1.57	32.11	1.62	33.39	1.64	35.66	1.67	37.43	1.71
	20	28.54	1.53	30.31	1.59	32.09	1.65	33.37	1.67	35.63	1.70	37.41	1.73
	25	28.52	1.56	30.29	1.61	32.06	1.67	33.34	1.69	35.61	1.72	37.38	1.76
	30	28.50	1.58	30.27	1.63	32.04	1.69	33.32	1.71	35.58	1.75	37.35	1.78
	35	28.48	1.60	30.25	1.66	32.01	1.72	33.29	1.74	35.55	1.77	37.32	1.81
	40	28.46	1.62	30.22	1.68	31.99	1.74	33.27	1.76	35.52	1.79	37.29	1.83
	45	28.43	1.64	30.20	1.70	31.96	1.76	33.24	1.79	35.50	1.82	37.26	1.86
	50	28.41	1.66	30.18	1.73	31.94	1.79	33.21	1.81	35.47	1.84	37.23	1.88
	55	28.39	1.69	30.15	1.75	31.92	1.81	33.19	1.83	35.44	1.87	37.21	1.90
	60	28.37	1.71	30.13	1.77	31.89	1.83	33.16	1.86	35.42	1.89	37.18	1.93
	65	28.35	1.73	30.11	1.79	31.87	1.86	33.14	1.88	35.39	1.91	37.15	1.95
	70	28.32	1.75	30.08	1.82	31.84	1.88	33.11	1.90	35.36	1.94	37.12	1.98
	75	27.64	1.85	29.40	1.91	31.15	1.98	32.42	2.01	34.66	2.04	36.42	2.08
	80	26.96	1.94	28.71	2.01	30.46	2.08	31.73	2.11	33.96	2.15	35.71	2.19
	85	26.29	2.03	28.03	2.11	29.78	2.19	31.04	2.21	33.27	2.25	35.02	2.30
	90	25.61	2.13	27.35	2.21	29.09	2.29	30.35	2.31	32.58	2.36	34.32	2.40
	95	24.88	2.22	26.61	2.30	28.34	2.39	29.14	2.42	31.81	2.46	33.54	2.51
	100	24.58	2.32	26.34	2.40	28.10	2.49	29.01	2.52	31.61	2.57	33.37	2.62
	105	24.29	2.41	26.07	2.50	27.86	2.59	28.88	2.62	31.42	2.67	33.20	2.72
	110	24.00	2.51	25.81	2.60	27.61	2.69	28.76	2.72	31.23	2.78	33.03	2.83
27	115	23.70	2.60	25.54	2.70	27.37	2.79	28.63	2.83	31.03	2.88	32.86	2.94
	118	23.53	2.66	25.38	2.76	27.22	2.86	28.56	2.89	30.92	2.94	32.76	3.00
	122	23.47	2.73	25.32	2.83	27.17	2.94	28.53	2.97	30.88	3.03	32.73	3.09
	-4	29.68	1.49	31.53	1.54	33.37	1.60	34.70	1.61	37.06	1.64	38.90	1.68
	0	29.67	1.50	31.51	1.56	33.35	1.61	34.68	1.63	37.04	1.66	38.88	1.70
	5	29.64	1.53	31.48	1.58	33.33	1.64	34.65	1.66	37.01	1.69	38.85	1.72
	10	29.62	1.55	31.46	1.60	33.30	1.66	34.63	1.68	36.98	1.71	38.82	1.75
	14	29.60	1.57	31.44	1.63	33.27	1.69	34.60	1.71	36.95	1.74	38.79	1.77
	20	29.58	1.59	31.41	1.65	33.25	1.71	34.58	1.73	36.92	1.76	38.76	1.80
	25	29.55	1.62	31.39	1.68	33.22	1.74	34.55	1.76	36.89	1.79	38.73	1.83
	30	29.53	1.64	31.36	1.70	33.20	1.76	34.52	1.78	36.87	1.81	38.70	1.85
	35	29.51	1.66	31.34	1.72	33.17	1.78	34.50	1.81	36.84	1.84	38.67	1.88
	40	29.49	1.68	31.32	1.75	33.15	1.81	34.47	1.83	36.81	1.86	38.64	1.90
	45	29.46	1.71	31.29	1.77	33.12	1.83	34.44	1.85	36.78	1.89	38.61	1.93
	50	29.44	1.73	31.27	1.79	33.10	1.86	34.42	1.88	36.75	1.91	38.58	1.95
	55	29.42	1.75	31.24	1.82	33.07	1.88	34.39	1.90	36.73	1.94	38.55	1.98
	60	29.39	1.77	31.22	1.84	33.05	1.91	34.36	1.93	36.70	1.96	38.52	2.00
	65	29.37	1.80	31.20	1.86	33.02	1.93	34.34	1.95	36.67	1.99	38.49	2.03
	70	29.35	1.82	31.17	1.89	33.00	1.95	34.31	1.98	36.64	2.01	38.46	2.05
	75	28.64	1.92	30.46	1.99	32.28	2.06	33.59	2.08	35.92	2.12	37.73	2.17
	80	27.94	2.02	29.75	2.09	31.56	2.17	32.87	2.19	35.19	2.23	37.01	2.28
	85	27.24	2.11	29.05	2.19	30.86	2.27	32.16	2.30	34.47	2.34	36.28	2.39
	90	26.54	2.21	28.34	2.29	30.15	2.38	31.45	2.40	33.76	2.45	35.56	2.50
	95	25.78	2.31	27.57	2.39	29.37	2.48	30.19	2.51	32.96	2.56	34.76	2.61
	100	25.47	2.41	27.30	2.50	29.12	2.59	30.06	2.62	32.76	2.67	34.58	2.72
	105	25.17	2.51	27.02	2.60	28.86	2.69	29.93	2.72	32.56	2.77	34.40	2.83
	110	24.87	2.60	26.74	2.70	28.61	2.80	29.80	2.83	32.36	2.88	34.23	2.94
	115	24.56	2.70	26.46	2.80	28.36	2.90	29.67	2.94	32.16	2.99	34.05	3.05
	118	24.38	2.76	26.29	2.86	28.21	2.97	29.59	3.00	32.03	3.06	33.95	3.12
	122	24.32	2.84	26.24	2.94	28.16	3.05	29.56	3.09	31.99	3.14	33.91	3.21

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 94: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	30.72	1.54	32.63	1.60	34.54	1.66	35.91	1.67	38.35	1.71	40.26	1.74
	0	30.70	1.56	32.61	1.61	34.52	1.67	35.89	1.69	38.33	1.72	40.24	1.76
	5	30.68	1.58	32.58	1.64	34.49	1.70	35.87	1.72	38.30	1.75	40.21	1.79
	10	30.66	1.61	32.56	1.67	34.46	1.73	35.84	1.75	38.27	1.78	40.17	1.81
	14	30.63	1.63	32.53	1.69	34.44	1.75	35.81	1.77	38.24	1.80	40.14	1.84
	20	30.61	1.65	32.51	1.71	34.41	1.78	35.78	1.80	38.21	1.83	40.11	1.87
	25	30.59	1.68	32.48	1.74	34.38	1.80	35.76	1.82	38.18	1.86	40.08	1.89
	30	30.56	1.70	32.46	1.76	34.36	1.83	35.73	1.85	38.15	1.88	40.05	1.92
	35	30.54	1.72	32.44	1.79	34.33	1.85	35.70	1.87	38.12	1.91	40.02	1.95
	40	30.52	1.75	32.41	1.81	34.31	1.88	35.67	1.90	38.10	1.93	39.99	1.97
	45	30.49	1.77	32.39	1.84	34.28	1.90	35.65	1.92	38.07	1.96	39.96	2.00
	50	30.47	1.79	32.36	1.86	34.25	1.93	35.62	1.95	38.04	1.99	39.93	2.03
	55	30.45	1.82	32.34	1.88	34.23	1.95	35.59	1.97	38.01	2.01	39.90	2.05
	60	30.42	1.84	32.31	1.91	34.20	1.98	35.56	2.00	37.98	2.04	39.87	2.08
	65	30.40	1.86	32.29	1.93	34.17	2.00	35.54	2.03	37.95	2.06	39.84	2.11
	70	30.37	1.89	32.26	1.96	34.15	2.03	35.51	2.05	37.92	2.09	39.81	2.13
	75	29.64	1.99	31.53	2.06	33.41	2.14	34.77	2.16	37.17	2.20	39.05	2.25
	80	28.91	2.09	30.79	2.17	32.67	2.25	34.02	2.27	36.42	2.32	38.30	2.36
	85	28.19	2.19	30.06	2.27	31.93	2.36	33.29	2.38	35.68	2.43	37.55	2.48
	90	27.46	2.29	29.33	2.38	31.20	2.47	32.55	2.49	34.94	2.54	36.80	2.59
	95	26.68	2.40	28.54	2.48	30.39	2.57	31.25	2.60	34.11	2.65	35.97	2.71
	100	26.36	2.50	28.25	2.59	30.13	2.68	31.11	2.72	33.90	2.77	35.79	2.82
	105	26.05	2.60	27.96	2.70	29.87	2.79	30.98	2.83	33.70	2.88	35.61	2.94
	110	25.74	2.70	27.67	2.80	29.61	2.90	30.84	2.94	33.49	2.99	35.42	3.05
	115	25.42	2.80	27.39	2.91	29.35	3.01	30.70	3.05	33.28	3.10	35.24	3.17
	118	25.23	2.87	27.21	2.97	29.19	3.08	30.62	3.11	33.15	3.17	35.13	3.24
	122	25.17	2.95	27.16	3.05	29.14	3.17	30.60	3.20	33.11	3.26	35.10	3.33
29	-4	31.76	1.60	33.73	1.66	35.70	1.72	37.13	1.74	39.65	1.77	41.62	1.80
	0	31.74	1.61	33.71	1.67	35.68	1.73	37.11	1.75	39.63	1.79	41.60	1.82
	5	31.71	1.64	33.68	1.70	35.65	1.76	37.08	1.78	39.59	1.82	41.56	1.85
	10	31.69	1.66	33.66	1.73	35.63	1.79	37.05	1.81	39.56	1.84	41.53	1.88
	14	31.67	1.69	33.63	1.75	35.60	1.81	37.02	1.84	39.53	1.87	41.50	1.91
	20	31.64	1.71	33.61	1.78	35.57	1.84	36.99	1.86	39.50	1.90	41.47	1.94
	25	31.62	1.74	33.58	1.80	35.54	1.87	36.96	1.89	39.47	1.92	41.44	1.96
	30	31.59	1.76	33.56	1.83	35.52	1.89	36.93	1.91	39.44	1.95	41.40	1.99
	35	31.57	1.79	33.53	1.85	35.49	1.92	36.91	1.94	39.41	1.98	41.37	2.02
	40	31.55	1.81	33.50	1.88	35.46	1.95	36.88	1.97	39.38	2.00	41.34	2.04
	45	31.52	1.83	33.48	1.90	35.44	1.97	36.85	1.99	39.35	2.03	41.31	2.07
	50	31.50	1.86	33.45	1.93	35.41	2.00	36.82	2.02	39.32	2.06	41.28	2.10
	55	31.47	1.88	33.43	1.95	35.38	2.02	36.79	2.05	39.29	2.09	41.25	2.13
	60	31.45	1.91	33.40	1.98	35.35	2.05	36.77	2.07	39.26	2.11	41.21	2.15
	65	31.42	1.93	33.38	2.00	35.33	2.08	36.74	2.10	39.23	2.14	41.18	2.18
	70	31.40	1.96	33.35	2.03	35.30	2.10	36.71	2.13	39.20	2.17	41.15	2.21
	75	30.64	2.06	32.59	2.14	34.54	2.21	35.94	2.24	38.43	2.28	40.37	2.33
	80	29.89	2.17	31.83	2.25	33.77	2.33	35.17	2.36	37.65	2.40	39.59	2.45
	85	29.14	2.27	31.08	2.36	33.01	2.44	34.41	2.47	36.88	2.52	38.82	2.57
	90	28.39	2.38	30.32	2.47	32.25	2.56	33.65	2.58	36.11	2.63	38.05	2.69
	95	27.58	2.48	29.50	2.57	31.42	2.67	32.30	2.70	35.26	2.75	37.18	2.81
	100	27.25	2.59	29.20	2.68	31.15	2.78	32.16	2.81	35.05	2.87	37.00	2.92
	105	26.93	2.69	28.91	2.79	30.88	2.90	32.02	2.93	34.83	2.98	36.81	3.04
	110	26.60	2.80	28.61	2.90	30.61	3.01	31.88	3.04	34.62	3.10	36.62	3.16
	115	26.28	2.91	28.31	3.01	30.34	3.12	31.74	3.16	34.40	3.22	36.43	3.28
	118	26.08	2.97	28.13	3.08	30.18	3.19	31.66	3.23	34.27	3.29	36.32	3.35
	122	26.02	3.05	28.07	3.17	30.12	3.28	31.63	3.32	34.23	3.38	36.28	3.45

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 95: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	32.79	1.65	34.83	1.71	36.87	1.78	38.34	1.80	40.94	1.83	42.98	1.87
	0	32.78	1.67	34.81	1.73	36.85	1.80	38.32	1.82	40.92	1.85	42.95	1.89
	5	32.75	1.70	34.78	1.76	36.82	1.82	38.29	1.85	40.89	1.88	42.92	1.92
	10	32.72	1.72	34.76	1.79	36.79	1.85	38.26	1.87	40.85	1.91	42.89	1.95
	14	32.70	1.75	34.73	1.81	36.76	1.88	38.23	1.90	40.82	1.94	42.85	1.98
	20	32.67	1.77	34.70	1.84	36.73	1.91	38.20	1.93	40.79	1.96	42.82	2.00
	25	32.65	1.80	34.68	1.86	36.71	1.93	38.17	1.96	40.76	1.99	42.79	2.03
	30	32.63	1.82	34.65	1.89	36.68	1.96	38.14	1.98	40.73	2.02	42.76	2.06
	35	32.60	1.85	34.62	1.92	36.65	1.99	38.11	2.01	40.70	2.05	42.72	2.09
	40	32.58	1.87	34.60	1.94	36.62	2.01	38.08	2.04	40.67	2.08	42.69	2.12
	45	32.55	1.90	34.57	1.97	36.59	2.04	38.05	2.06	40.64	2.10	42.66	2.15
	50	32.53	1.92	34.55	1.99	36.57	2.07	38.02	2.09	40.61	2.13	42.63	2.17
	55	32.50	1.95	34.52	2.02	36.54	2.09	37.99	2.12	40.57	2.16	42.59	2.20
	60	32.48	1.97	34.49	2.05	36.51	2.12	37.97	2.15	40.54	2.19	42.56	2.23
	65	32.45	2.00	34.47	2.07	36.48	2.15	37.94	2.17	40.51	2.21	42.53	2.26
	70	32.43	2.03	34.44	2.10	36.45	2.18	37.91	2.20	40.48	2.24	42.49	2.29
	75	31.65	2.13	33.65	2.21	35.66	2.29	37.11	2.32	39.68	2.36	41.69	2.41
	80	30.86	2.24	32.87	2.33	34.87	2.41	36.32	2.44	38.88	2.48	40.88	2.53
	85	30.09	2.35	32.09	2.44	34.09	2.53	35.53	2.56	38.09	2.60	40.09	2.66
	90	29.32	2.46	31.31	2.55	33.31	2.65	34.75	2.68	37.29	2.73	39.29	2.78
	95	28.48	2.57	30.46	2.67	32.45	2.76	33.36	2.79	36.41	2.85	38.40	2.90
	100	28.14	2.68	30.16	2.78	32.17	2.88	33.21	2.91	36.19	2.97	38.20	3.03
	105	27.81	2.79	29.85	2.89	31.89	3.00	33.07	3.03	35.97	3.09	38.01	3.15
	110	27.47	2.90	29.54	3.01	31.61	3.11	32.92	3.15	35.75	3.21	37.81	3.27
	115	27.14	3.01	29.23	3.12	31.33	3.23	32.78	3.27	35.53	3.33	37.62	3.40
	118	26.94	3.07	29.05	3.19	31.16	3.30	32.69	3.34	35.39	3.40	37.50	3.47
	122	26.87	3.16	28.99	3.28	31.11	3.40	32.66	3.44	35.35	3.50	37.46	3.57
31	-4	33.83	1.71	35.93	1.77	38.03	1.84	39.55	1.86	42.24	1.89	44.34	1.93
	0	33.81	1.73	35.91	1.79	38.01	1.86	39.53	1.88	42.21	1.91	44.31	1.95
	5	33.79	1.76	35.88	1.82	37.98	1.89	39.50	1.91	42.18	1.94	44.28	1.98
	10	33.76	1.78	35.86	1.85	37.95	1.92	39.47	1.94	42.15	1.97	44.24	2.01
	14	33.73	1.81	35.83	1.87	37.92	1.94	39.44	1.97	42.11	2.00	44.21	2.04
	20	33.71	1.83	35.80	1.90	37.90	1.97	39.41	1.99	42.08	2.03	44.18	2.07
	25	33.68	1.86	35.77	1.93	37.87	2.00	39.38	2.02	42.05	2.06	44.14	2.10
	30	33.66	1.89	35.75	1.96	37.84	2.03	39.35	2.05	42.02	2.09	44.11	2.13
	35	33.63	1.91	35.72	1.98	37.81	2.05	39.32	2.08	41.99	2.12	44.07	2.16
	40	33.61	1.94	35.69	2.01	37.78	2.08	39.29	2.11	41.95	2.15	44.04	2.19
	45	33.58	1.96	35.66	2.04	37.75	2.11	39.26	2.14	41.92	2.18	44.01	2.22
	50	33.55	1.99	35.64	2.06	37.72	2.14	39.23	2.16	41.89	2.20	43.97	2.25
	55	33.53	2.02	35.61	2.09	37.69	2.17	39.20	2.19	41.86	2.23	43.94	2.28
	60	33.50	2.04	35.58	2.12	37.66	2.19	39.17	2.22	41.82	2.26	43.91	2.31
	65	33.48	2.07	35.56	2.14	37.63	2.22	39.14	2.25	41.79	2.29	43.87	2.34
	70	33.45	2.09	35.53	2.17	37.61	2.25	39.11	2.28	41.76	2.32	43.84	2.37
	75	32.65	2.21	34.72	2.29	36.79	2.37	38.29	2.40	40.94	2.44	43.01	2.49
	80	31.84	2.32	33.91	2.41	35.98	2.49	37.47	2.52	40.11	2.57	42.18	2.62
	85	31.04	2.43	33.11	2.52	35.17	2.61	36.66	2.64	39.29	2.69	41.35	2.75
	90	30.25	2.55	32.30	2.64	34.36	2.74	35.84	2.77	38.47	2.82	40.53	2.88
	95	29.38	2.66	31.43	2.76	33.47	2.86	34.41	2.89	37.57	2.94	39.61	3.00
	100	29.03	2.77	31.11	2.87	33.18	2.98	34.26	3.01	37.34	3.07	39.41	3.13
	105	28.69	2.89	30.79	2.99	32.90	3.10	34.11	3.14	37.11	3.19	39.21	3.26
	110	28.34	3.00	30.48	3.11	32.61	3.22	33.96	3.26	36.88	3.32	39.01	3.39
	115	28.00	3.11	30.16	3.23	32.32	3.34	33.81	3.38	36.65	3.44	38.81	3.51
	118	27.79	3.18	29.97	3.30	32.15	3.42	33.72	3.46	36.51	3.52	38.69	3.59
	122	27.72	3.27	29.91	3.39	32.09	3.51	33.69	3.55	36.47	3.62	38.65	3.69

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 96: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	34.87	1.77	37.03	1.83	39.20	1.90	40.76	1.92	43.53	1.96	45.70	2.00
	0	34.85	1.79	37.01	1.85	39.18	1.92	40.74	1.94	43.51	1.98	45.67	2.02
	5	34.82	1.82	36.98	1.88	39.15	1.95	40.71	1.97	43.47	2.01	45.63	2.05
	10	34.79	1.84	36.96	1.91	39.12	1.98	40.68	2.00	43.44	2.04	45.60	2.08
	14	34.77	1.87	36.93	1.94	39.09	2.01	40.65	2.03	43.40	2.07	45.56	2.11
	20	34.74	1.90	36.90	1.97	39.06	2.04	40.61	2.06	43.37	2.10	45.53	2.14
	25	34.71	1.92	36.87	1.99	39.03	2.07	40.58	2.09	43.34	2.13	45.49	2.17
	30	34.69	1.95	36.84	2.02	39.00	2.09	40.55	2.12	43.31	2.16	45.46	2.20
	35	34.66	1.98	36.81	2.05	38.97	2.12	40.52	2.15	43.27	2.19	45.43	2.23
	40	34.64	2.00	36.79	2.08	38.94	2.15	40.49	2.18	43.24	2.22	45.39	2.26
	45	34.61	2.03	36.76	2.10	38.91	2.18	40.46	2.21	43.21	2.25	45.36	2.29
	50	34.58	2.06	36.73	2.13	38.88	2.21	40.43	2.24	43.17	2.28	45.32	2.32
	55	34.56	2.08	36.70	2.16	38.85	2.24	40.40	2.26	43.14	2.31	45.29	2.35
	60	34.53	2.11	36.67	2.19	38.82	2.27	40.37	2.29	43.11	2.34	45.25	2.38
	65	34.50	2.14	36.65	2.22	38.79	2.30	40.34	2.32	43.07	2.37	45.22	2.41
	70	34.48	2.16	36.62	2.24	38.76	2.33	40.30	2.35	43.04	2.40	45.18	2.44
	75	33.65	2.28	35.78	2.36	37.92	2.45	39.46	2.48	42.19	2.53	44.33	2.58
	80	32.82	2.40	34.95	2.49	37.08	2.58	38.62	2.61	41.34	2.65	43.47	2.71
	85	31.99	2.51	34.12	2.61	36.25	2.70	37.78	2.73	40.50	2.78	42.62	2.84
	90	31.17	2.63	33.29	2.73	35.41	2.83	36.94	2.86	39.65	2.91	41.77	2.97
	95	30.28	2.75	32.39	2.85	34.50	2.95	35.47	2.99	38.72	3.04	40.83	3.10
	100	29.92	2.86	32.06	2.97	34.20	3.08	35.31	3.11	38.48	3.17	40.62	3.24
	105	29.57	2.98	31.74	3.09	33.90	3.20	35.16	3.24	38.24	3.30	40.41	3.37
	110	29.21	3.10	31.41	3.21	33.61	3.33	35.00	3.37	38.01	3.43	40.21	3.50
	115	28.85	3.22	31.08	3.33	33.31	3.45	34.85	3.49	37.77	3.56	40.00	3.63
	118	28.64	3.29	30.89	3.41	33.13	3.53	34.76	3.57	37.63	3.64	39.88	3.71
	122	28.57	3.38	30.82	3.50	33.07	3.63	34.73	3.67	37.58	3.74	39.83	3.82
33	-4	35.91	1.82	38.14	1.89	40.37	1.96	41.98	1.98	44.83	2.02	47.06	2.06
	0	35.89	1.84	38.11	1.91	40.34	1.98	41.95	2.00	44.80	2.04	47.03	2.08
	5	35.86	1.87	38.08	1.94	40.31	2.01	41.92	2.04	44.76	2.07	46.99	2.12
	10	35.83	1.90	38.05	1.97	40.28	2.04	41.89	2.07	44.73	2.11	46.95	2.15
	14	35.80	1.93	38.03	2.00	40.25	2.07	41.85	2.10	44.70	2.14	46.92	2.18
	20	35.77	1.96	38.00	2.03	40.22	2.10	41.82	2.13	44.66	2.17	46.88	2.21
	25	35.75	1.98	37.97	2.06	40.19	2.13	41.79	2.16	44.63	2.20	46.85	2.24
	30	35.72	2.01	37.94	2.09	40.16	2.16	41.76	2.19	44.59	2.23	46.81	2.27
	35	35.69	2.04	37.91	2.11	40.13	2.19	41.73	2.22	44.56	2.26	46.78	2.30
	40	35.67	2.07	37.88	2.14	40.10	2.22	41.69	2.25	44.53	2.29	46.74	2.34
	45	35.64	2.10	37.85	2.17	40.06	2.25	41.66	2.28	44.49	2.32	46.70	2.37
	50	35.61	2.12	37.82	2.20	40.03	2.28	41.63	2.31	44.46	2.35	46.67	2.40
	55	35.58	2.15	37.79	2.23	40.00	2.31	41.60	2.34	44.42	2.38	46.63	2.43
	60	35.56	2.18	37.76	2.26	39.97	2.34	41.57	2.37	44.39	2.41	46.60	2.46
	65	35.53	2.21	37.74	2.29	39.94	2.37	41.54	2.40	44.35	2.44	46.56	2.49
	70	35.50	2.23	37.71	2.32	39.91	2.40	41.50	2.43	44.32	2.47	46.53	2.52
	75	34.65	2.36	36.85	2.44	39.05	2.53	40.63	2.56	43.44	2.61	45.64	2.66
	80	33.79	2.48	35.99	2.57	38.18	2.66	39.77	2.69	42.57	2.74	44.76	2.80
	85	32.95	2.60	35.13	2.69	37.32	2.79	38.90	2.82	41.70	2.87	43.89	2.93
	90	32.10	2.72	34.28	2.82	36.47	2.92	38.04	2.95	40.83	3.01	43.01	3.07
	95	31.18	2.84	33.35	2.94	35.52	3.05	36.52	3.08	39.87	3.14	42.04	3.20
	100	30.81	2.96	33.02	3.07	35.22	3.18	36.36	3.21	39.63	3.27	41.83	3.34
	105	30.45	3.08	32.68	3.19	34.91	3.31	36.20	3.35	39.38	3.41	41.62	3.48
	110	30.08	3.20	32.34	3.32	34.61	3.44	36.05	3.48	39.14	3.54	41.40	3.61
	115	29.71	3.32	32.01	3.44	34.30	3.57	35.89	3.61	38.90	3.67	41.19	3.75
	118	29.49	3.39	31.81	3.52	34.12	3.64	35.79	3.69	38.75	3.75	41.06	3.83
	122	29.42	3.49	31.74	3.62	34.06	3.75	35.76	3.79	38.70	3.86	41.02	3.94

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 97: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	36.94	1.88	39.24	1.95	41.53	2.02	43.19	2.04	46.12	2.08	48.41	2.13
	0	36.92	1.90	39.22	1.97	41.51	2.04	43.16	2.07	46.09	2.11	48.39	2.15
	5	36.89	1.93	39.18	2.00	41.47	2.08	43.13	2.10	46.06	2.14	48.35	2.18
	10	36.86	1.96	39.15	2.03	41.44	2.11	43.10	2.13	46.02	2.17	48.31	2.22
	14	36.84	1.99	39.12	2.06	41.41	2.14	43.06	2.16	45.99	2.20	48.27	2.25
	20	36.81	2.02	39.09	2.09	41.38	2.17	43.03	2.19	45.95	2.24	48.24	2.28
	25	36.78	2.05	39.06	2.12	41.35	2.20	43.00	2.23	45.92	2.27	48.20	2.31
	30	36.75	2.08	39.03	2.15	41.32	2.23	42.96	2.26	45.88	2.30	48.16	2.34
	35	36.72	2.10	39.00	2.18	41.28	2.26	42.93	2.29	45.85	2.33	48.13	2.38
	40	36.70	2.13	38.97	2.21	41.25	2.29	42.90	2.32	45.81	2.36	48.09	2.41
	45	36.67	2.16	38.94	2.24	41.22	2.32	42.87	2.35	45.78	2.39	48.05	2.44
	50	36.64	2.19	38.91	2.27	41.19	2.35	42.83	2.38	45.74	2.43	48.02	2.47
	55	36.61	2.22	38.88	2.30	41.16	2.38	42.80	2.41	45.71	2.46	47.98	2.51
	60	36.58	2.25	38.85	2.33	41.13	2.41	42.77	2.44	45.67	2.49	47.94	2.54
	65	36.55	2.28	38.83	2.36	41.10	2.45	42.73	2.47	45.64	2.52	47.91	2.57
	70	36.53	2.30	38.80	2.39	41.06	2.48	42.70	2.50	45.60	2.55	47.87	2.60
	75	35.65	2.43	37.91	2.52	40.17	2.61	41.81	2.64	44.70	2.69	46.96	2.74
	80	34.77	2.55	37.03	2.65	39.28	2.74	40.91	2.78	43.80	2.83	46.06	2.88
	85	33.90	2.68	36.15	2.78	38.40	2.88	40.03	2.91	42.90	2.96	45.16	3.02
	90	33.03	2.80	35.27	2.90	37.52	3.01	39.14	3.05	42.01	3.10	44.26	3.16
	95	32.08	2.93	34.32	3.03	36.55	3.14	37.58	3.18	41.02	3.24	43.26	3.31
	100	31.70	3.05	33.97	3.16	36.24	3.28	37.41	3.32	40.77	3.38	43.04	3.45
	105	31.33	3.18	33.62	3.29	35.92	3.41	37.25	3.45	40.52	3.52	42.82	3.59
	110	30.95	3.30	33.28	3.42	35.61	3.55	37.09	3.59	40.27	3.65	42.60	3.73
	115	30.57	3.42	32.93	3.55	35.29	3.68	36.92	3.72	40.02	3.79	42.38	3.87
	118	30.34	3.50	32.73	3.63	35.10	3.76	36.82	3.80	39.87	3.87	42.25	3.95
	122	30.27	3.60	32.66	3.73	35.04	3.87	36.79	3.91	39.82	3.98	42.20	4.06
35	-4	37.98	1.94	40.34	2.01	42.70	2.08	44.40	2.11	47.41	2.15	49.77	2.19
	0	37.96	1.96	40.32	2.03	42.67	2.11	44.38	2.13	47.39	2.17	49.75	2.21
	5	37.93	1.99	40.28	2.07	42.64	2.14	44.34	2.17	47.35	2.21	49.70	2.25
	10	37.90	2.02	40.25	2.10	42.61	2.17	44.31	2.20	47.31	2.24	49.67	2.28
	14	37.87	2.05	40.22	2.13	42.57	2.20	44.27	2.23	47.28	2.27	49.63	2.32
	20	37.84	2.08	40.19	2.16	42.54	2.24	44.24	2.26	47.24	2.30	49.59	2.35
	25	37.81	2.11	40.16	2.19	42.51	2.27	44.20	2.29	47.21	2.34	49.55	2.38
	30	37.78	2.14	40.13	2.22	42.48	2.30	44.17	2.33	47.17	2.37	49.52	2.42
	35	37.75	2.17	40.10	2.25	42.44	2.33	44.14	2.36	47.13	2.40	49.48	2.45
	40	37.73	2.20	40.07	2.28	42.41	2.36	44.10	2.39	47.10	2.43	49.44	2.48
	45	37.70	2.23	40.04	2.31	42.38	2.39	44.07	2.42	47.06	2.47	49.40	2.52
	50	37.67	2.26	40.01	2.34	42.35	2.43	44.04	2.45	47.02	2.50	49.36	2.55
	55	37.64	2.29	39.98	2.37	42.31	2.46	44.00	2.49	46.99	2.53	49.33	2.58
	60	37.61	2.32	39.95	2.40	42.28	2.49	43.97	2.52	46.95	2.56	49.29	2.62
	65	37.58	2.35	39.91	2.43	42.25	2.52	43.93	2.55	46.92	2.60	49.25	2.65
	70	37.55	2.38	39.88	2.46	42.22	2.55	43.90	2.58	46.88	2.63	49.21	2.68
	75	36.65	2.50	38.97	2.60	41.30	2.69	42.98	2.72	45.95	2.77	48.28	2.83
	80	35.74	2.63	38.07	2.73	40.39	2.83	42.06	2.86	45.03	2.91	47.35	2.97
	85	34.85	2.76	37.16	2.86	39.48	2.97	41.15	3.00	44.11	3.06	46.42	3.12
	90	33.95	2.89	36.26	2.99	38.57	3.10	40.24	3.14	43.19	3.20	45.50	3.26
	95	32.98	3.02	35.28	3.13	37.58	3.24	38.63	3.28	42.17	3.34	44.47	3.41
	100	32.59	3.14	34.92	3.26	37.25	3.38	38.46	3.42	41.91	3.48	44.24	3.55
	105	32.20	3.27	34.57	3.39	36.93	3.52	38.30	3.56	41.66	3.62	44.02	3.70
	110	31.82	3.40	34.21	3.53	36.61	3.65	38.13	3.70	41.40	3.77	43.79	3.84
	115	31.43	3.53	33.86	3.66	36.28	3.79	37.96	3.84	41.14	3.91	43.57	3.99
	118	31.19	3.61	33.64	3.74	36.09	3.87	37.86	3.92	40.99	3.99	43.43	4.07
	122	31.12	3.71	33.57	3.84	36.02	3.98	37.82	4.03	40.94	4.11	43.39	4.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 98: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	39.02	2.00	41.44	2.07	43.86	2.15	45.61	2.17	48.71	2.21	51.13	2.26
	0	39.00	2.02	41.42	2.09	43.84	2.17	45.59	2.20	48.68	2.24	51.10	2.28
	5	38.96	2.05	41.38	2.13	43.80	2.21	45.55	2.23	48.64	2.27	51.06	2.32
	10	38.93	2.08	41.35	2.16	43.77	2.24	45.52	2.26	48.61	2.31	51.02	2.35
	14	38.90	2.11	41.32	2.19	43.74	2.27	45.48	2.30	48.57	2.34	50.98	2.39
	20	38.87	2.14	41.29	2.22	43.70	2.30	45.45	2.33	48.53	2.37	50.95	2.42
	25	38.84	2.17	41.26	2.25	43.67	2.34	45.41	2.36	48.49	2.41	50.91	2.46
	30	38.81	2.21	41.23	2.29	43.64	2.37	45.38	2.40	48.46	2.44	50.87	2.49
	35	38.79	2.24	41.19	2.32	43.60	2.40	45.34	2.43	48.42	2.47	50.83	2.52
	40	38.76	2.27	41.16	2.35	43.57	2.43	45.31	2.46	48.38	2.51	50.79	2.56
	45	38.73	2.30	41.13	2.38	43.54	2.47	45.27	2.50	48.35	2.54	50.75	2.59
	50	38.70	2.33	41.10	2.41	43.50	2.50	45.24	2.53	48.31	2.58	50.71	2.63
	55	38.67	2.36	41.07	2.44	43.47	2.53	45.20	2.56	48.27	2.61	50.67	2.66
	60	38.64	2.39	41.04	2.47	43.44	2.56	45.17	2.59	48.23	2.64	50.63	2.70
	65	38.61	2.42	41.00	2.51	43.40	2.60	45.13	2.63	48.20	2.68	50.60	2.73
	70	38.58	2.45	40.97	2.54	43.37	2.63	45.10	2.66	48.16	2.71	50.56	2.76
	75	37.65	2.58	40.04	2.67	42.43	2.77	44.15	2.80	47.21	2.86	49.60	2.91
	80	36.72	2.71	39.10	2.81	41.49	2.91	43.21	2.95	46.26	3.00	48.64	3.06
	85	35.80	2.84	38.18	2.95	40.56	3.06	42.27	3.09	45.31	3.15	47.69	3.21
	90	34.88	2.98	37.25	3.08	39.62	3.20	41.34	3.23	44.37	3.30	46.74	3.36
	95	33.88	3.11	36.24	3.22	38.60	3.34	39.69	3.38	43.32	3.44	45.68	3.51
	100	33.48	3.24	35.88	3.36	38.27	3.48	39.51	3.52	43.06	3.59	45.45	3.66
	105	33.08	3.37	35.51	3.50	37.94	3.62	39.34	3.67	42.79	3.73	45.22	3.81
	110	32.68	3.50	35.15	3.63	37.61	3.77	39.17	3.81	42.53	3.88	44.99	3.96
	115	32.29	3.64	34.78	3.77	37.27	3.91	39.00	3.95	42.27	4.03	44.76	4.11
	118	32.05	3.72	34.56	3.85	37.07	3.99	38.89	4.04	42.11	4.11	44.62	4.20
	122	31.97	3.82	34.49	3.96	37.01	4.11	38.86	4.15	42.05	4.23	44.57	4.32
37	-4	40.05	2.06	42.54	2.13	45.03	2.21	46.83	2.24	50.00	2.28	52.49	2.33
	0	40.03	2.08	42.52	2.16	45.00	2.24	46.80	2.26	49.98	2.30	52.46	2.35
	5	40.00	2.12	42.48	2.19	44.97	2.27	46.76	2.30	49.94	2.34	52.42	2.39
	10	39.97	2.15	42.45	2.23	44.93	2.31	46.73	2.33	49.90	2.38	52.38	2.42
	14	39.94	2.18	42.42	2.26	44.90	2.34	46.69	2.37	49.86	2.41	52.34	2.46
	20	39.91	2.21	42.39	2.29	44.86	2.37	46.65	2.40	49.82	2.45	52.30	2.50
	25	39.88	2.24	42.35	2.32	44.83	2.41	46.62	2.43	49.78	2.48	52.26	2.53
	30	39.85	2.27	42.32	2.35	44.80	2.44	46.58	2.47	49.74	2.52	52.22	2.57
	35	39.82	2.30	42.29	2.39	44.76	2.47	46.55	2.50	49.71	2.55	52.18	2.60
	40	39.79	2.33	42.26	2.42	44.73	2.51	46.51	2.54	49.67	2.58	52.14	2.64
	45	39.76	2.37	42.22	2.45	44.69	2.54	46.48	2.57	49.63	2.62	52.10	2.67
	50	39.72	2.40	42.19	2.48	44.66	2.58	46.44	2.60	49.59	2.65	52.06	2.71
	55	39.69	2.43	42.16	2.52	44.62	2.61	46.40	2.64	49.55	2.69	52.02	2.74
	60	39.66	2.46	42.13	2.55	44.59	2.64	46.37	2.67	49.52	2.72	51.98	2.78
	65	39.63	2.49	42.09	2.58	44.56	2.68	46.33	2.71	49.48	2.76	51.94	2.81
	70	39.60	2.52	42.06	2.61	44.52	2.71	46.30	2.74	49.44	2.79	51.90	2.85
	75	38.65	2.66	41.10	2.76	43.56	2.86	45.33	2.89	48.46	2.94	50.92	3.00
	80	37.70	2.79	40.14	2.90	42.59	3.00	44.36	3.04	47.49	3.09	49.93	3.16
	85	36.75	2.93	39.19	3.04	41.63	3.15	43.40	3.18	46.52	3.24	48.96	3.31
	90	35.81	3.07	38.24	3.18	40.68	3.29	42.44	3.33	45.55	3.39	47.98	3.46
	95	34.78	3.20	37.21	3.32	39.63	3.44	40.74	3.48	44.48	3.55	46.90	3.62
	100	34.37	3.34	36.83	3.46	39.29	3.59	40.56	3.63	44.20	3.70	46.66	3.77
	105	33.96	3.47	36.46	3.60	38.95	3.73	40.39	3.78	43.93	3.85	46.42	3.92
	110	33.55	3.61	36.08	3.74	38.61	3.88	40.21	3.92	43.66	4.00	46.18	4.08
	115	33.14	3.75	35.71	3.88	38.26	4.03	40.03	4.07	43.39	4.15	45.95	4.23
	118	32.90	3.83	35.48	3.97	38.06	4.11	39.93	4.16	43.23	4.24	45.80	4.32
	122	32.82	3.94	35.41	4.08	37.99	4.23	39.89	4.28	43.17	4.36	45.76	4.45

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 99: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	41.09	2.12	43.64	2.20	46.19	2.28	48.04	2.30	51.30	2.35	53.85	2.40
	0	41.07	2.14	43.62	2.22	46.17	2.30	48.01	2.33	51.27	2.37	53.82	2.42
	5	41.03	2.18	43.58	2.26	46.13	2.34	47.97	2.37	51.23	2.41	53.78	2.46
	10	41.00	2.21	43.55	2.29	46.10	2.38	47.94	2.40	51.19	2.45	53.74	2.50
	14	40.97	2.24	43.52	2.33	46.06	2.41	47.90	2.44	51.15	2.48	53.69	2.53
	20	40.94	2.28	43.48	2.36	46.03	2.44	47.86	2.47	51.11	2.52	53.65	2.57
	25	40.91	2.31	43.45	2.39	45.99	2.48	47.83	2.51	51.07	2.55	53.61	2.61
	30	40.88	2.34	43.42	2.43	45.96	2.51	47.79	2.54	51.03	2.59	53.57	2.64
	35	40.85	2.37	43.38	2.46	45.92	2.55	47.75	2.58	50.99	2.63	53.53	2.68
	40	40.82	2.40	43.35	2.49	45.89	2.58	47.72	2.61	50.95	2.66	53.49	2.72
	45	40.78	2.44	43.32	2.53	45.85	2.62	47.68	2.65	50.92	2.70	53.45	2.75
	50	40.75	2.47	43.28	2.56	45.81	2.65	47.64	2.68	50.88	2.73	53.41	2.79
	55	40.72	2.50	43.25	2.59	45.78	2.69	47.61	2.72	50.84	2.77	53.37	2.82
	60	40.69	2.53	43.22	2.63	45.74	2.72	47.57	2.75	50.80	2.80	53.33	2.86
	65	40.66	2.57	43.18	2.66	45.71	2.76	47.53	2.79	50.76	2.84	53.28	2.90
	70	40.63	2.60	43.15	2.69	45.67	2.79	47.50	2.82	50.72	2.88	53.24	2.93
	75	39.65	2.74	42.17	2.84	44.68	2.94	46.50	2.98	49.72	3.03	52.24	3.09
	80	38.67	2.88	41.18	2.98	43.69	3.09	45.51	3.13	48.72	3.19	51.23	3.25
	85	37.70	3.02	40.21	3.13	42.71	3.24	44.52	3.28	47.72	3.34	50.23	3.41
	90	36.73	3.16	39.23	3.27	41.73	3.39	43.54	3.43	46.73	3.50	49.23	3.57
	95	35.68	3.30	38.17	3.42	40.65	3.54	41.80	3.58	45.63	3.65	48.11	3.73
	100	35.26	3.44	37.78	3.56	40.30	3.69	41.61	3.74	45.35	3.81	47.87	3.88
	105	34.84	3.58	37.40	3.71	39.95	3.85	41.43	3.89	45.07	3.96	47.62	4.04
	110	34.42	3.72	37.01	3.85	39.60	4.00	41.25	4.04	44.79	4.12	47.38	4.20
	115	34.00	3.86	36.63	4.00	39.26	4.15	41.07	4.19	44.51	4.27	47.14	4.36
	118	33.75	3.94	36.40	4.09	39.05	4.24	40.96	4.29	44.34	4.37	46.99	4.45
	122	33.67	4.06	36.32	4.20	38.98	4.36	40.92	4.41	44.29	4.49	46.94	4.58
39	-4	42.13	2.18	44.74	2.26	47.36	2.35	49.25	2.37	52.59	2.42	55.21	2.47
	0	42.10	2.21	44.72	2.29	47.33	2.37	49.22	2.40	52.56	2.44	55.18	2.49
	5	42.07	2.24	44.68	2.32	47.30	2.41	49.18	2.44	52.52	2.48	55.13	2.53
	10	42.04	2.28	44.65	2.36	47.26	2.45	49.14	2.47	52.48	2.52	55.09	2.57
	14	42.01	2.31	44.61	2.39	47.22	2.48	49.11	2.51	52.44	2.56	55.05	2.61
	20	41.97	2.34	44.58	2.43	47.19	2.52	49.07	2.55	52.40	2.59	55.01	2.65
	25	41.94	2.38	44.55	2.46	47.15	2.55	49.03	2.58	52.36	2.63	54.97	2.68
	30	41.91	2.41	44.51	2.50	47.12	2.59	48.99	2.62	52.32	2.67	54.92	2.72
	35	41.88	2.44	44.48	2.53	47.08	2.62	48.96	2.65	52.28	2.70	54.88	2.76
	40	41.85	2.48	44.44	2.57	47.04	2.66	48.92	2.69	52.24	2.74	54.84	2.80
	45	41.81	2.51	44.41	2.60	47.01	2.69	48.88	2.73	52.20	2.78	54.80	2.83
	50	41.78	2.54	44.38	2.63	46.97	2.73	48.85	2.76	52.16	2.81	54.76	2.87
	55	41.75	2.57	44.34	2.67	46.94	2.77	48.81	2.80	52.12	2.85	54.71	2.91
	60	41.72	2.61	44.31	2.70	46.90	2.80	48.77	2.83	52.08	2.89	54.67	2.95
	65	41.69	2.64	44.27	2.74	46.86	2.84	48.73	2.87	52.04	2.92	54.63	2.98
	70	41.65	2.67	44.24	2.77	46.83	2.87	48.70	2.91	52.00	2.96	54.59	3.02
	75	40.65	2.82	43.23	2.92	45.81	3.03	47.68	3.06	50.97	3.12	53.55	3.18
	80	39.65	2.96	42.22	3.07	44.80	3.18	46.66	3.22	49.95	3.28	52.52	3.35
	85	38.66	3.11	41.22	3.22	43.79	3.34	45.65	3.38	48.93	3.44	51.49	3.51
	90	37.66	3.25	40.22	3.37	42.78	3.49	44.63	3.53	47.91	3.60	50.47	3.67
	95	36.58	3.40	39.13	3.52	41.68	3.65	42.85	3.69	46.78	3.76	49.33	3.84
	100	36.15	3.54	38.74	3.67	41.32	3.80	42.66	3.85	46.49	3.92	49.08	4.00
	105	35.72	3.68	38.34	3.82	40.96	3.96	42.48	4.00	46.21	4.08	48.83	4.16
	110	35.29	3.83	37.95	3.97	40.60	4.11	42.29	4.16	45.92	4.24	48.58	4.32
	115	34.86	3.97	37.55	4.12	40.25	4.27	42.10	4.32	45.64	4.40	48.33	4.49
	118	34.60	4.06	37.32	4.21	40.03	4.36	41.99	4.41	45.46	4.49	48.18	4.58
	122	34.52	4.17	37.24	4.33	39.96	4.49	41.96	4.54	45.41	4.62	48.13	4.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 100: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	43.16	2.25	45.85	2.33	48.53	2.41	50.46	2.44	53.89	2.49	56.57	2.54
	0	43.14	2.27	45.82	2.35	48.50	2.44	50.43	2.47	53.86	2.51	56.54	2.56
	5	43.11	2.31	45.78	2.39	48.46	2.48	50.39	2.51	53.81	2.55	56.49	2.61
	10	43.07	2.34	45.75	2.43	48.42	2.52	50.35	2.54	53.77	2.59	56.45	2.64
	14	43.04	2.38	45.71	2.46	48.39	2.55	50.32	2.58	53.73	2.63	56.40	2.68
	20	43.01	2.41	45.68	2.50	48.35	2.59	50.28	2.62	53.69	2.67	56.36	2.72
	25	42.97	2.44	45.64	2.53	48.31	2.63	50.24	2.66	53.65	2.71	56.32	2.76
	30	42.94	2.48	45.61	2.57	48.27	2.66	50.20	2.69	53.61	2.74	56.28	2.80
	35	42.91	2.51	45.57	2.60	48.24	2.70	50.16	2.73	53.57	2.78	56.23	2.84
	40	42.88	2.55	45.54	2.64	48.20	2.74	50.12	2.77	53.53	2.82	56.19	2.88
	45	42.84	2.58	45.50	2.67	48.16	2.77	50.09	2.80	53.49	2.86	56.15	2.91
	50	42.81	2.61	45.47	2.71	48.13	2.81	50.05	2.84	53.44	2.89	56.10	2.95
	55	42.78	2.65	45.43	2.75	48.09	2.85	50.01	2.88	53.40	2.93	56.06	2.99
	60	42.74	2.68	45.40	2.78	48.05	2.88	49.97	2.92	53.36	2.97	56.02	3.03
	65	42.71	2.72	45.36	2.82	48.02	2.92	49.93	2.95	53.32	3.01	55.97	3.07
	70	42.68	2.75	45.33	2.85	47.98	2.96	49.89	2.99	53.28	3.05	55.93	3.11
	75	41.65	2.90	44.30	3.01	46.94	3.12	48.85	3.15	52.23	3.21	54.87	3.27
	80	40.62	3.05	43.26	3.16	45.90	3.27	47.80	3.31	51.17	3.37	53.81	3.44
	85	39.61	3.20	42.24	3.31	44.87	3.43	46.77	3.47	50.13	3.54	52.76	3.61
	90	38.59	3.35	41.21	3.47	43.84	3.59	45.73	3.64	49.09	3.70	51.71	3.78
	95	37.48	3.49	40.10	3.62	42.71	3.75	43.90	3.80	47.93	3.87	50.54	3.95
	100	37.04	3.64	39.69	3.78	42.34	3.91	43.71	3.96	47.64	4.03	50.28	4.11
	105	36.60	3.79	39.29	3.93	41.97	4.07	43.52	4.12	47.34	4.20	50.03	4.28
	110	36.16	3.94	38.88	4.08	41.60	4.23	43.33	4.28	47.05	4.36	49.77	4.45
	115	35.72	4.09	38.48	4.24	41.24	4.39	43.14	4.44	46.76	4.53	49.52	4.62
	118	35.45	4.18	38.24	4.33	41.02	4.49	43.03	4.54	46.58	4.62	49.35	4.72
	122	35.36	4.30	38.16	4.45	40.94	4.61	42.99	4.67	46.12	4.72	47.98	4.72
41	-4	44.20	2.31	46.95	2.39	49.69	2.48	51.67	2.51	55.18	2.56	57.93	2.61
	0	44.18	2.33	46.92	2.42	49.66	2.51	51.65	2.54	55.15	2.58	57.90	2.64
	5	44.14	2.37	46.88	2.46	49.62	2.55	51.60	2.58	55.11	2.63	57.85	2.68
	10	44.11	2.41	46.85	2.50	49.59	2.59	51.56	2.62	55.06	2.67	57.80	2.72
	14	44.07	2.44	46.81	2.53	49.55	2.62	51.52	2.65	55.02	2.70	57.76	2.76
	20	44.04	2.48	46.78	2.57	49.51	2.66	51.49	2.69	54.98	2.74	57.72	2.80
	25	44.01	2.51	46.74	2.61	49.47	2.70	51.45	2.73	54.94	2.78	57.67	2.84
	30	43.97	2.55	46.70	2.64	49.43	2.74	51.41	2.77	54.90	2.82	57.63	2.88
	35	43.94	2.58	46.67	2.68	49.40	2.78	51.37	2.81	54.85	2.86	57.58	2.92
	40	43.91	2.62	46.63	2.71	49.36	2.81	51.33	2.85	54.81	2.90	57.54	2.96
	45	43.87	2.65	46.60	2.75	49.32	2.85	51.29	2.88	54.77	2.94	57.50	3.00
	50	43.84	2.69	46.56	2.79	49.28	2.89	51.25	2.92	54.73	2.98	57.45	3.04
	55	43.80	2.72	46.53	2.82	49.25	2.93	51.21	2.96	54.69	3.02	57.41	3.08
	60	43.77	2.76	46.49	2.86	49.21	2.96	51.17	3.00	54.64	3.05	57.36	3.12
	65	43.74	2.79	46.45	2.90	49.17	3.00	51.13	3.04	54.60	3.09	57.32	3.16
	70	43.70	2.83	46.42	2.93	49.13	3.04	51.09	3.07	54.56	3.13	57.27	3.20
	75	42.65	2.98	45.36	3.09	48.07	3.20	50.02	3.24	53.48	3.30	56.19	3.37
	80	41.60	3.13	44.30	3.25	47.00	3.37	48.95	3.41	52.40	3.47	55.10	3.54
	85	40.56	3.29	43.25	3.41	45.95	3.53	47.89	3.57	51.33	3.64	54.03	3.71
	90	39.52	3.44	42.20	3.57	44.89	3.70	46.83	3.74	50.27	3.81	52.95	3.88
	95	38.38	3.59	41.06	3.72	43.73	3.86	44.96	3.90	49.08	3.98	51.75	4.06
	100	37.93	3.75	40.64	3.88	43.36	4.02	44.76	4.07	48.78	4.15	51.49	4.23
	105	37.48	3.90	40.23	4.04	42.98	4.19	44.57	4.24	48.48	4.31	51.23	4.40
	110	37.03	4.05	39.82	4.20	42.60	4.35	44.37	4.40	48.18	4.48	50.97	4.57
	115	36.58	4.20	39.40	4.36	42.23	4.52	44.18	4.57	47.88	4.65	50.38	4.72
	118	36.30	4.29	39.16	4.45	42.00	4.61	44.06	4.67	47.39	4.72	49.18	4.72
	122	36.21	4.42	39.07	4.58	41.74	4.72	43.28	4.72	45.97	4.72	47.76	4.72

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 101: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	45.24	2.37	48.05	2.46	50.86	2.55	52.89	2.58	56.48	2.63	59.29	2.68
	0	45.21	2.40	48.02	2.49	50.83	2.58	52.86	2.61	56.45	2.66	59.25	2.71
	5	45.18	2.44	47.98	2.53	50.79	2.62	52.81	2.65	56.40	2.70	59.20	2.75
	10	45.14	2.47	47.95	2.56	50.75	2.66	52.77	2.69	56.36	2.74	59.16	2.79
	14	45.11	2.51	47.91	2.60	50.71	2.70	52.73	2.73	56.31	2.78	59.11	2.83
	20	45.07	2.55	47.87	2.64	50.67	2.74	52.69	2.77	56.27	2.82	59.07	2.88
	25	45.04	2.58	47.84	2.68	50.63	2.77	52.65	2.81	56.23	2.86	59.02	2.92
	30	45.00	2.62	47.80	2.71	50.59	2.81	52.61	2.85	56.18	2.90	58.98	2.96
	35	44.97	2.65	47.76	2.75	50.56	2.85	52.57	2.88	56.14	2.94	58.93	3.00
	40	44.94	2.69	47.73	2.79	50.52	2.89	52.53	2.92	56.10	2.98	58.89	3.04
	45	44.90	2.73	47.69	2.83	50.48	2.93	52.49	2.96	56.06	3.02	58.84	3.08
	50	44.87	2.76	47.65	2.86	50.44	2.97	52.45	3.00	56.01	3.06	58.80	3.12
	55	44.83	2.80	47.62	2.90	50.40	3.01	52.41	3.04	55.97	3.10	58.75	3.16
	60	44.80	2.83	47.58	2.94	50.36	3.05	52.37	3.08	55.93	3.14	58.71	3.20
	65	44.76	2.87	47.54	2.98	50.32	3.08	52.33	3.12	55.88	3.18	58.66	3.24
	70	44.73	2.91	47.51	3.01	50.28	3.12	52.29	3.16	55.84	3.22	58.62	3.28
	75	43.65	3.06	46.42	3.18	49.19	3.29	51.20	3.33	54.74	3.39	57.51	3.46
	80	42.58	3.22	45.34	3.34	48.10	3.46	50.10	3.50	53.63	3.57	56.40	3.64
	85	41.51	3.38	44.27	3.50	47.02	3.63	49.02	3.67	52.54	3.74	55.30	3.81
	90	40.44	3.53	43.19	3.66	45.94	3.80	47.93	3.84	51.44	3.91	54.20	3.99
	95	39.28	3.69	42.02	3.83	44.76	3.97	46.01	4.01	50.23	4.09	52.97	4.17
	100	38.82	3.85	41.60	3.99	44.37	4.13	45.81	4.18	49.93	4.26	52.70	4.35
	105	38.36	4.00	41.17	4.15	43.99	4.30	45.61	4.35	49.62	4.43	52.43	4.52
	110	37.90	4.16	40.75	4.31	43.60	4.47	45.41	4.52	49.31	4.61	52.16	4.70
	115	37.43	4.32	40.33	4.48	43.22	4.64	45.21	4.69	48.38	4.72	50.18	4.72
	118	37.16	4.41	40.07	4.57	42.80	4.72	44.33	4.72	47.21	4.72	49.02	4.72
	122	37.06	4.54	39.99	4.70	41.49	4.72	43.12	4.72	45.84	4.72	47.63	4.72
43	-4	46.28	2.44	49.15	2.53	52.02	2.62	54.10	2.65	57.77	2.70	60.64	2.75
	0	46.25	2.46	49.12	2.55	51.99	2.65	54.07	2.68	57.74	2.73	60.61	2.78
	5	46.21	2.50	49.08	2.59	51.95	2.69	54.02	2.72	57.69	2.77	60.56	2.83
	10	46.18	2.54	49.04	2.63	51.91	2.73	53.98	2.76	57.65	2.81	60.52	2.87
	14	46.14	2.58	49.01	2.67	51.87	2.77	53.94	2.80	57.60	2.85	60.47	2.91
	20	46.11	2.61	48.97	2.71	51.83	2.81	53.90	2.84	57.56	2.89	60.42	2.95
	25	46.07	2.65	48.93	2.75	51.79	2.85	53.86	2.88	57.52	2.93	60.38	2.99
	30	46.04	2.69	48.90	2.79	51.75	2.89	53.82	2.92	57.47	2.98	60.33	3.04
	35	46.00	2.73	48.86	2.82	51.71	2.93	53.78	2.96	57.43	3.02	60.29	3.08
	40	45.97	2.76	48.82	2.86	51.68	2.97	53.74	3.00	57.38	3.06	60.24	3.12
	45	45.93	2.80	48.78	2.90	51.64	3.01	53.70	3.04	57.34	3.10	60.19	3.16
	50	45.90	2.84	48.75	2.94	51.60	3.05	53.65	3.08	57.30	3.14	60.15	3.20
	55	45.86	2.87	48.71	2.98	51.56	3.09	53.61	3.12	57.25	3.18	60.10	3.24
	60	45.82	2.91	48.67	3.02	51.52	3.13	53.57	3.16	57.21	3.22	60.05	3.29
	65	45.79	2.95	48.63	3.05	51.48	3.17	53.53	3.20	57.16	3.26	60.01	3.33
	70	45.75	2.98	48.60	3.09	51.44	3.21	53.49	3.24	57.12	3.30	59.96	3.37
	75	44.65	3.15	47.49	3.26	50.32	3.38	52.37	3.42	55.99	3.48	58.83	3.55
	80	43.55	3.31	46.38	3.43	49.21	3.55	51.25	3.59	54.86	3.66	57.69	3.73
	85	42.46	3.47	45.28	3.59	48.10	3.72	50.14	3.77	53.74	3.84	56.56	3.92
	90	41.37	3.63	44.18	3.76	47.00	3.90	49.03	3.94	52.62	4.02	55.44	4.10
	95	40.19	3.79	42.99	3.93	45.78	4.07	47.07	4.12	51.38	4.19	54.18	4.28
	100	39.71	3.95	42.55	4.09	45.39	4.24	46.86	4.29	51.07	4.37	53.91	4.46
	105	39.24	4.11	42.12	4.26	45.00	4.42	46.66	4.47	50.76	4.55	53.63	4.64
	110	38.77	4.27	41.69	4.43	44.60	4.59	46.46	4.64	50.32	4.72	52.24	4.72
	115	38.29	4.43	41.25	4.59	43.83	4.72	45.28	4.72	48.18	4.72	50.00	4.72
	118	38.01	4.53	40.99	4.70	42.61	4.72	44.25	4.72	47.04	4.72	48.78	4.72
	122	37.91	4.66	39.97	4.72	41.42	4.72	42.98	4.72	45.62	4.72	47.42	4.72

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 102: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	47.31	2.50	50.25	2.59	53.19	2.68	55.31	2.72	59.07	2.77	62.00	2.82
	0	47.29	2.53	50.22	2.62	53.16	2.71	55.28	2.75	59.03	2.80	61.97	2.85
	5	47.25	2.57	50.18	2.66	53.12	2.76	55.24	2.79	58.98	2.84	61.92	2.90
	10	47.21	2.61	50.14	2.70	53.08	2.80	55.19	2.83	58.94	2.88	61.87	2.94
	14	47.18	2.64	50.11	2.74	53.04	2.84	55.15	2.87	58.89	2.93	61.82	2.99
	20	47.14	2.68	50.07	2.78	52.99	2.88	55.11	2.91	58.85	2.97	61.78	3.03
	25	47.10	2.72	50.03	2.82	52.95	2.92	55.07	2.96	58.81	3.01	61.73	3.07
	30	47.07	2.76	49.99	2.86	52.91	2.96	55.03	3.00	58.76	3.05	61.68	3.11
	35	47.03	2.80	49.95	2.90	52.87	3.00	54.98	3.04	58.72	3.09	61.64	3.16
	40	47.00	2.83	49.91	2.94	52.83	3.04	54.94	3.08	58.67	3.14	61.59	3.20
	45	46.96	2.87	49.88	2.98	52.79	3.08	54.90	3.12	58.63	3.18	61.54	3.24
	50	46.92	2.91	49.84	3.02	52.75	3.13	54.86	3.16	58.58	3.22	61.49	3.29
	55	46.89	2.95	49.80	3.05	52.71	3.17	54.81	3.20	58.54	3.26	61.45	3.33
	60	46.85	2.99	49.76	3.09	52.67	3.21	54.77	3.24	58.49	3.30	61.40	3.37
	65	46.82	3.02	49.72	3.13	52.63	3.25	54.73	3.29	58.45	3.35	61.35	3.41
	70	46.78	3.06	49.69	3.17	52.59	3.29	54.69	3.33	58.40	3.39	61.31	3.46
	75	45.65	3.23	48.55	3.34	51.45	3.47	53.54	3.51	57.25	3.57	60.14	3.64
	80	44.53	3.39	47.42	3.52	50.31	3.64	52.40	3.69	56.09	3.75	58.98	3.83
	85	43.41	3.56	46.30	3.69	49.18	3.82	51.26	3.87	54.95	3.94	57.83	4.02
	90	42.30	3.72	45.17	3.86	48.05	4.00	50.13	4.04	53.80	4.12	56.68	4.20
	95	41.09	3.89	43.95	4.03	46.81	4.18	48.12	4.22	52.54	4.30	55.40	4.39
	100	40.60	4.05	43.51	4.20	46.41	4.35	47.91	4.40	52.21	4.49	55.12	4.58
	105	40.12	4.22	43.06	4.37	46.00	4.53	47.71	4.58	51.89	4.67	54.37	4.72
	110	39.63	4.38	42.62	4.54	45.60	4.71	47.09	4.72	50.18	4.72	52.00	4.72
	115	39.15	4.55	42.18	4.71	43.62	4.72	45.17	4.72	48.08	4.72	49.82	4.72
	118	38.86	4.65	41.03	4.72	42.52	4.72	44.07	4.72	46.88	4.72	48.64	4.72
	122	38.27	4.72	39.87	4.72	41.28	4.72	42.84	4.72	45.50	4.72	47.23	4.72
45	-4	48.35	2.56	51.35	2.66	54.35	2.75	56.52	2.78	60.36	2.84	63.36	2.89
	0	48.32	2.59	51.32	2.69	54.33	2.78	56.49	2.82	60.33	2.87	63.33	2.93
	5	48.28	2.63	51.28	2.73	54.28	2.83	56.45	2.86	60.28	2.91	63.28	2.97
	10	48.25	2.67	51.24	2.77	54.24	2.87	56.40	2.90	60.23	2.96	63.23	3.02
	14	48.21	2.71	51.20	2.81	54.20	2.91	56.36	2.95	60.19	3.00	63.18	3.06
	20	48.17	2.75	51.16	2.85	54.16	2.95	56.32	2.99	60.14	3.04	63.13	3.11
	25	48.14	2.79	51.13	2.89	54.12	3.00	56.27	3.03	60.09	3.09	63.08	3.15
	30	48.10	2.83	51.09	2.93	54.07	3.04	56.23	3.07	60.05	3.13	63.04	3.19
	35	48.06	2.87	51.05	2.97	54.03	3.08	56.19	3.11	60.00	3.17	62.99	3.24
	40	48.03	2.91	51.01	3.01	53.99	3.12	56.15	3.16	59.96	3.22	62.94	3.28
	45	47.99	2.94	50.97	3.05	53.95	3.16	56.10	3.20	59.91	3.26	62.89	3.32
	50	47.95	2.98	50.93	3.09	53.91	3.20	56.06	3.24	59.86	3.30	62.84	3.37
	55	47.92	3.02	50.89	3.13	53.87	3.25	56.02	3.28	59.82	3.35	62.79	3.41
	60	47.88	3.06	50.85	3.17	53.83	3.29	55.97	3.33	59.77	3.39	62.75	3.46
	65	47.84	3.10	50.81	3.21	53.78	3.33	55.93	3.37	59.73	3.43	62.70	3.50
	70	47.81	3.14	50.77	3.25	53.74	3.37	55.89	3.41	59.68	3.47	62.65	3.54
	75	46.65	3.31	49.62	3.43	52.58	3.55	54.72	3.60	58.50	3.66	61.46	3.74
	80	45.50	3.48	48.46	3.60	51.41	3.74	53.55	3.78	57.32	3.85	60.28	3.93
	85	44.36	3.65	47.31	3.78	50.26	3.92	52.39	3.96	56.15	4.04	59.10	4.12
	90	43.22	3.82	46.16	3.96	49.10	4.10	51.23	4.15	54.98	4.22	57.92	4.31
	95	41.99	3.99	44.91	4.13	47.84	4.28	49.18	4.33	53.69	4.41	56.61	4.50
	100	41.49	4.15	44.46	4.31	47.42	4.46	48.96	4.52	53.36	4.60	56.32	4.69
	105	41.00	4.32	44.01	4.48	47.01	4.65	48.75	4.70	52.24	4.72	54.19	4.72
	110	40.50	4.49	43.55	4.66	45.53	4.72	46.94	4.72	50.04	4.72	51.89	4.72
	115	40.01	4.66	42.11	4.72	43.51	4.72	44.97	4.72	47.90	4.72	49.66	4.72
	118	39.37	4.72	40.91	4.72	42.34	4.72	43.91	4.72	46.72	4.72	48.50	4.72
	122	38.15	4.72	39.70	4.72	41.14	4.72	42.71	4.72	45.37	4.72	47.13	4.72

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 103: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	49.39	2.63	52.45	2.72	55.52	2.82	57.74	2.85	61.65	2.91	64.72	2.97
	0	49.36	2.65	52.42	2.75	55.49	2.85	57.70	2.89	61.62	2.94	64.69	3.00
	5	49.32	2.70	52.38	2.80	55.44	2.90	57.66	2.93	61.57	2.99	64.63	3.05
	10	49.28	2.74	52.34	2.84	55.40	2.94	57.61	2.98	61.52	3.03	64.58	3.09
	14	49.24	2.78	52.30	2.88	55.36	2.98	57.57	3.02	61.48	3.08	64.53	3.14
	20	49.21	2.82	52.26	2.92	55.32	3.03	57.52	3.06	61.43	3.12	64.49	3.18
	25	49.17	2.86	52.22	2.96	55.28	3.07	57.48	3.11	61.38	3.16	64.44	3.23
	30	49.13	2.90	52.18	3.00	55.23	3.11	57.44	3.15	61.34	3.21	64.39	3.27
	35	49.09	2.94	52.14	3.04	55.19	3.16	57.39	3.19	61.29	3.25	64.34	3.32
	40	49.06	2.98	52.10	3.09	55.15	3.20	57.35	3.24	61.24	3.30	64.29	3.36
	45	49.02	3.02	52.06	3.13	55.11	3.24	57.31	3.28	61.20	3.34	64.24	3.41
	50	48.98	3.06	52.02	3.17	55.06	3.28	57.26	3.32	61.15	3.38	64.19	3.45
	55	48.94	3.10	51.98	3.21	55.02	3.33	57.22	3.37	61.10	3.43	64.14	3.50
	60	48.91	3.14	51.94	3.25	54.98	3.37	57.17	3.41	61.05	3.47	64.09	3.54
	65	48.87	3.18	51.90	3.29	54.94	3.41	57.13	3.45	61.01	3.52	64.04	3.59
	70	48.83	3.22	51.86	3.33	54.90	3.46	57.09	3.50	60.96	3.56	63.99	3.63
	75	47.66	3.39	50.68	3.51	53.71	3.64	55.89	3.68	59.76	3.75	62.78	3.83
	80	46.48	3.56	49.50	3.69	52.52	3.83	54.70	3.87	58.55	3.95	61.57	4.03
	85	45.32	3.74	48.33	3.87	51.34	4.02	53.51	4.06	57.36	4.14	60.37	4.22
	90	44.15	3.91	47.15	4.05	50.16	4.20	52.33	4.25	56.16	4.33	59.16	4.42
	95	42.89	4.08	45.87	4.23	48.86	4.39	50.23	4.44	54.84	4.52	57.83	4.61
	100	42.38	4.26	45.41	4.41	48.44	4.57	50.01	4.63	54.50	4.71	56.44	4.72
	105	41.88	4.43	44.95	4.59	47.61	4.72	48.76	4.72	52.06	4.72	53.92	4.72
	110	41.37	4.61	44.01	4.72	45.38	4.72	46.79	4.72	49.81	4.72	51.68	4.72
	115	40.35	4.72	41.98	4.72	43.40	4.72	44.88	4.72	47.73	4.72	49.51	4.72
	118	39.22	4.72	40.80	4.72	42.18	4.72	43.75	4.72	46.49	4.72	48.37	4.72
	122	38.03	4.72	39.55	4.72	40.93	4.72	42.51	4.72	45.18	4.72	46.96	4.72
47	-4	50.42	2.69	53.55	2.79	56.69	2.89	58.95	2.92	62.95	2.98	66.08	3.04
	0	50.40	2.72	53.53	2.82	56.66	2.92	58.92	2.96	62.91	3.01	66.04	3.07
	5	50.35	2.76	53.48	2.87	56.61	2.97	58.87	3.00	62.86	3.06	65.99	3.12
	10	50.32	2.80	53.44	2.91	56.57	3.01	58.82	3.05	62.82	3.11	65.94	3.17
	14	50.28	2.85	53.40	2.95	56.52	3.06	58.78	3.09	62.77	3.15	65.89	3.21
	20	50.24	2.89	53.36	2.99	56.48	3.10	58.73	3.14	62.72	3.20	65.84	3.26
	25	50.20	2.93	53.32	3.03	56.44	3.15	58.69	3.18	62.67	3.24	65.79	3.31
	30	50.16	2.97	53.28	3.08	56.39	3.19	58.64	3.23	62.62	3.29	65.74	3.35
	35	50.12	3.01	53.24	3.12	56.35	3.23	58.60	3.27	62.58	3.33	65.69	3.40
	40	50.09	3.05	53.20	3.16	56.31	3.28	58.55	3.31	62.53	3.38	65.64	3.44
	45	50.05	3.09	53.16	3.20	56.26	3.32	58.51	3.36	62.48	3.42	65.59	3.49
	50	50.01	3.13	53.11	3.25	56.22	3.36	58.46	3.40	62.43	3.47	65.54	3.54
	55	49.97	3.17	53.07	3.29	56.18	3.41	58.42	3.45	62.38	3.51	65.49	3.58
	60	49.93	3.21	53.03	3.33	56.13	3.45	58.37	3.49	62.34	3.56	65.44	3.63
	65	49.89	3.25	52.99	3.37	56.09	3.50	58.33	3.54	62.29	3.60	65.39	3.68
	70	49.86	3.30	52.95	3.42	56.05	3.54	58.28	3.58	62.24	3.65	65.34	3.72
	75	48.66	3.47	51.74	3.60	54.83	3.73	57.06	3.77	61.01	3.85	64.10	3.92
	80	47.46	3.65	50.54	3.78	53.62	3.92	55.84	3.97	59.78	4.04	62.86	4.12
	85	46.27	3.83	49.34	3.97	52.41	4.11	54.63	4.16	58.56	4.24	61.63	4.32
	90	45.08	4.01	48.14	4.15	51.21	4.30	53.42	4.35	57.34	4.44	60.41	4.53
	95	43.79	4.18	46.84	4.34	49.89	4.50	51.29	4.55	55.99	4.63	58.90	4.72
	100	43.27	4.36	46.37	4.52	49.46	4.69	50.84	4.72	54.37	4.72	56.23	4.72
	105	42.76	4.54	45.89	4.71	47.41	4.72	48.66	4.72	51.89	4.72	53.76	4.72
	110	42.23	4.72	43.83	4.72	45.24	4.72	46.56	4.72	49.69	4.72	51.48	4.72
	115	40.18	4.72	41.84	4.72	43.22	4.72	44.71	4.72	47.56	4.72	49.36	4.72
	118	39.09	4.72	40.62	4.72	42.10	4.72	43.60	4.72	46.36	4.72	48.16	4.72
	122	37.93	4.72	39.46	4.72	40.82	4.72	42.40	4.72	45.00	4.72	46.78	4.72

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 104: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	51.46	2.76	54.66	2.86	57.85	2.96	60.16	2.99	64.24	3.05	67.44	3.11
	0	51.43	2.79	54.63	2.89	57.82	2.99	60.13	3.03	64.21	3.08	67.40	3.15
	5	51.39	2.83	54.58	2.93	57.77	3.04	60.08	3.08	64.16	3.13	67.35	3.20
	10	51.35	2.87	54.54	2.98	57.73	3.09	60.03	3.12	64.11	3.18	67.30	3.24
	14	51.31	2.91	54.50	3.02	57.68	3.13	59.99	3.17	64.06	3.23	67.24	3.29
	20	51.27	2.96	54.46	3.06	57.64	3.18	59.94	3.21	64.01	3.27	67.19	3.34
	25	51.23	3.00	54.42	3.11	57.60	3.22	59.89	3.26	63.96	3.32	67.14	3.39
	30	51.19	3.04	54.37	3.15	57.55	3.27	59.85	3.30	63.91	3.37	67.09	3.43
	35	51.16	3.08	54.33	3.19	57.51	3.31	59.80	3.35	63.86	3.41	67.04	3.48
	40	51.12	3.12	54.29	3.24	57.46	3.36	59.76	3.39	63.81	3.46	66.99	3.53
	45	51.08	3.17	54.25	3.28	57.42	3.40	59.71	3.44	63.77	3.50	66.94	3.57
	50	51.04	3.21	54.21	3.32	57.38	3.45	59.67	3.49	63.72	3.55	66.89	3.62
	55	51.00	3.25	54.17	3.37	57.33	3.49	59.62	3.53	63.67	3.60	66.83	3.67
	60	50.96	3.29	54.12	3.41	57.29	3.54	59.57	3.58	63.62	3.64	66.78	3.72
	65	50.92	3.33	54.08	3.45	57.24	3.58	59.53	3.62	63.57	3.69	66.73	3.76
	70	50.88	3.37	54.04	3.50	57.20	3.63	59.48	3.67	63.52	3.74	66.68	3.81
	75	49.66	3.56	52.81	3.69	55.96	3.82	58.24	3.87	62.27	3.94	65.42	4.02
	80	48.43	3.74	51.58	3.88	54.72	4.02	56.99	4.06	61.01	4.14	64.15	4.22
	85	47.22	3.92	50.36	4.06	53.49	4.21	55.76	4.26	59.77	4.34	62.90	4.43
	90	46.01	4.10	49.13	4.25	52.26	4.41	54.52	4.46	58.52	4.54	61.65	4.63
	95	44.69	4.29	47.80	4.44	50.91	4.60	52.34	4.66	56.89	4.72	58.74	4.72
	100	44.16	4.47	47.32	4.63	49.63	4.72	50.71	4.72	54.14	4.72	56.02	4.72
	105	43.64	4.65	45.86	4.72	47.23	4.72	48.49	4.72	51.72	4.72	53.61	4.72
	110	42.12	4.72	43.67	4.72	45.10	4.72	46.43	4.72	49.47	4.72	51.29	4.72
	115	40.11	4.72	41.63	4.72	43.04	4.72	44.53	4.72	47.40	4.72	49.22	4.72
	118	38.96	4.72	40.52	4.72	41.96	4.72	43.46	4.72	46.22	4.72	47.96	4.72
	122	37.75	4.72	39.32	4.72	40.70	4.72	42.21	4.72	44.90	4.72	46.63	4.72
49	-4	52.11	2.79	55.34	2.89	58.58	3.00	60.92	3.03	65.05	3.09	68.29	3.15
	0	52.08	2.82	55.31	2.93	58.55	3.03	60.88	3.07	65.01	3.12	68.25	3.19
	5	52.04	2.87	55.27	2.97	58.50	3.08	60.83	3.12	64.96	3.18	68.19	3.24
	10	52.00	2.91	55.22	3.02	55.77	3.13	60.79	3.16	64.91	3.22	68.14	3.29
	14	51.96	2.95	55.18	3.06	58.41	3.17	60.74	3.21	64.86	3.27	68.09	3.34
	20	51.92	3.00	55.14	3.10	58.36	3.22	60.69	3.26	64.81	3.32	68.04	3.38
	25	51.88	3.04	55.10	3.15	58.32	3.26	60.65	3.30	64.76	3.36	67.99	3.43
	30	51.84	3.08	55.06	3.19	58.28	3.31	60.60	3.35	64.71	3.41	67.93	3.48
	35	51.80	3.12	55.01	3.24	58.23	3.36	60.55	3.39	64.66	3.46	67.88	3.53
	40	51.76	3.17	54.97	3.28	58.19	3.40	60.51	3.44	64.62	3.50	67.83	3.57
	45	51.72	3.21	54.93	3.32	58.14	3.45	60.46	3.49	64.57	3.55	67.78	3.62
	50	51.68	3.25	54.89	3.37	58.10	3.49	60.42	3.53	64.52	3.60	67.73	3.67
	55	51.64	3.29	54.85	3.41	58.05	3.54	60.37	3.58	64.47	3.65	67.67	3.72
	60	51.60	3.34	54.80	3.46	58.01	3.58	60.32	3.62	64.42	3.69	67.62	3.77
	65	51.56	3.38	54.76	3.50	57.96	3.63	60.28	3.67	64.37	3.74	67.57	3.81
	70	51.52	3.42	54.72	3.54	57.92	3.67	60.23	3.72	64.32	3.79	67.52	3.86
	75	50.28	3.60	53.47	3.74	56.66	3.87	58.97	3.92	63.05	3.99	66.24	4.07
	80	49.04	3.79	52.22	3.93	55.41	4.07	57.71	4.12	61.78	4.19	64.96	4.28
	85	47.81	3.97	50.99	4.12	54.16	4.27	56.46	4.32	60.52	4.40	63.69	4.49
	90	46.58	4.16	49.75	4.31	52.92	4.47	55.21	4.52	59.26	4.60	62.42	4.70
	95	45.25	4.34	48.40	4.50	51.55	4.67	53.00	4.72	56.78	4.72	58.77	4.72
	100	44.72	4.53	47.91	4.69	49.64	4.72	50.62	4.72	54.18	4.72	56.07	4.72
	105	44.18	4.71	45.87	4.72	47.27	4.72	48.44	4.72	51.68	4.72	53.58	4.72
	110	42.05	4.72	43.70	4.72	45.06	4.72	46.41	4.72	49.46	4.72	51.28	4.72
	115	40.06	4.72	41.60	4.72	43.03	4.72	44.53	4.72	47.41	4.72	49.15	4.72
	118	38.92	4.72	40.50	4.72	41.88	4.72	43.47	4.72	46.16	4.72	48.00	4.72
	122	37.73	4.72	39.31	4.72	40.64	4.72	42.23	4.72	44.85	4.72	46.60	4.72

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 105: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-4	52.11	2.79	55.34	2.89	58.58	3.00	60.92	3.03	65.05	3.09	68.29	3.15
	0	52.08	2.82	55.31	2.93	58.55	3.03	60.88	3.07	65.01	3.12	68.25	3.19
	5	52.04	2.87	55.27	2.97	58.50	3.08	60.83	3.12	64.96	3.18	68.19	3.24
	10	52.00	2.91	55.22	3.02	55.77	3.13	60.79	3.16	64.91	3.22	68.14	3.29
	14	51.96	2.95	55.18	3.06	58.41	3.17	60.74	3.21	64.86	3.27	68.09	3.34
	20	51.92	3.00	55.14	3.10	58.36	3.22	60.69	3.26	64.81	3.32	68.04	3.38
	25	51.88	3.04	55.10	3.15	58.32	3.26	60.65	3.30	64.76	3.36	67.99	3.43
	30	51.84	3.08	55.06	3.19	58.28	3.31	60.60	3.35	64.71	3.41	67.93	3.48
	35	51.80	3.12	55.01	3.24	58.23	3.36	60.55	3.39	64.66	3.46	67.88	3.53
	40	51.76	3.17	54.97	3.28	58.19	3.40	60.51	3.44	64.62	3.50	67.83	3.57
	45	51.72	3.21	54.93	3.32	58.14	3.45	60.46	3.49	64.57	3.55	67.78	3.62
	50	51.68	3.25	54.89	3.37	58.10	3.49	60.42	3.53	64.52	3.60	67.73	3.67
	55	51.64	3.29	54.85	3.41	58.05	3.54	60.37	3.58	64.47	3.65	67.67	3.72
	60	51.60	3.34	54.80	3.46	58.01	3.58	60.32	3.62	64.42	3.69	67.62	3.77
	65	51.56	3.38	54.76	3.50	57.96	3.63	60.28	3.67	64.37	3.74	67.57	3.81
	70	51.52	3.42	54.72	3.54	57.92	3.67	60.23	3.72	64.32	3.79	67.52	3.86
	75	50.28	3.60	53.47	3.74	56.66	3.87	58.97	3.92	63.05	3.99	66.24	4.07
	80	49.04	3.79	52.22	3.93	55.41	4.07	57.71	4.12	61.78	4.19	64.96	4.28
	85	47.81	3.97	50.99	4.12	54.16	4.27	56.46	4.32	60.52	4.40	63.69	4.49
	90	46.58	4.16	49.75	4.31	52.92	4.47	55.21	4.52	59.26	4.60	62.42	4.70
	95	45.25	4.34	48.40	4.50	51.55	4.67	53.00	4.72	56.78	4.72	58.77	4.72
	100	44.72	4.53	47.91	4.69	49.64	4.72	50.62	4.72	54.18	4.72	56.07	4.72
	105	44.18	4.71	45.87	4.72	47.27	4.72	48.44	4.72	51.68	4.72	53.58	4.72
	110	42.05	4.72	43.70	4.72	45.06	4.72	46.41	4.72	49.46	4.72	51.28	4.72
	115	40.06	4.72	41.60	4.72	43.03	4.72	44.53	4.72	47.41	4.72	49.15	4.72
	118	38.92	4.72	40.50	4.72	41.88	4.72	43.47	4.72	46.16	4.72	48.00	4.72
	122	37.73	4.72	39.31	4.72	40.64	4.72	42.23	4.72	44.85	4.72	46.60	4.72
51	-4	52.11	2.79	55.34	2.89	58.58	3.00	60.92	3.03	65.05	3.09	68.29	3.15
	0	52.08	2.82	55.31	2.93	58.55	3.03	60.88	3.07	65.01	3.12	68.25	3.19
	5	52.04	2.87	55.27	2.97	58.50	3.08	60.83	3.12	64.96	3.18	68.19	3.24
	10	52.00	2.91	55.22	3.02	55.77	3.13	60.79	3.16	64.91	3.22	68.14	3.29
	14	51.96	2.95	55.18	3.06	58.41	3.17	60.74	3.21	64.86	3.27	68.09	3.34
	20	51.92	3.00	55.14	3.10	58.36	3.22	60.69	3.26	64.81	3.32	68.04	3.38
	25	51.88	3.04	55.10	3.15	58.32	3.26	60.65	3.30	64.76	3.36	67.99	3.43
	30	51.84	3.08	55.06	3.19	58.28	3.31	60.60	3.35	64.71	3.41	67.93	3.48
	35	51.80	3.12	55.01	3.24	58.23	3.36	60.55	3.39	64.66	3.46	67.88	3.53
	40	51.76	3.17	54.97	3.28	58.19	3.40	60.51	3.44	64.62	3.50	67.83	3.57
	45	51.72	3.21	54.93	3.32	58.14	3.45	60.46	3.49	64.57	3.55	67.78	3.62
	50	51.68	3.25	54.89	3.37	58.10	3.49	60.42	3.53	64.52	3.60	67.73	3.67
	55	51.64	3.29	54.85	3.41	58.05	3.54	60.37	3.58	64.47	3.65	67.67	3.72
	60	51.60	3.34	54.80	3.46	58.01	3.58	60.32	3.62	64.42	3.69	67.62	3.77
	65	51.56	3.38	54.76	3.50	57.96	3.63	60.28	3.67	64.37	3.74	67.57	3.81
	70	51.52	3.42	54.72	3.54	57.92	3.67	60.23	3.72	64.32	3.79	67.52	3.86
	75	50.28	3.60	53.47	3.74	56.66	3.87	58.97	3.92	63.05	3.99	66.24	4.07
	80	49.04	3.79	52.22	3.93	55.41	4.07	57.71	4.12	61.78	4.19	64.96	4.28
	85	47.81	3.97	50.99	4.12	54.16	4.27	56.46	4.32	60.52	4.40	63.69	4.49
	90	46.58	4.16	49.75	4.31	52.92	4.47	55.21	4.52	59.26	4.60	62.42	4.70
	95	45.25	4.34	48.40	4.50	51.55	4.67	53.00	4.72	56.78	4.72	58.77	4.72
	100	44.72	4.53	47.91	4.69	49.64	4.72	50.62	4.72	54.18	4.72	56.07	4.72
	105	44.18	4.71	45.87	4.72	47.27	4.72	48.44	4.72	51.68	4.72	53.58	4.72
	110	42.05	4.72	43.70	4.72	45.06	4.72	46.41	4.72	49.46	4.72	51.28	4.72
	115	40.06	4.72	41.60	4.72	43.03	4.72	44.53	4.72	47.41	4.72	49.15	4.72
	118	38.92	4.72	40.50	4.72	41.88	4.72	43.47	4.72	46.16	4.72	48.00	4.72
	122	37.73	4.72	39.31	4.72	40.64	4.72	42.23	4.72	44.85	4.72	46.60	4.72

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 106: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
52	-4	52.11	2.79	55.34	2.89	58.58	3.00	60.92	3.03	65.05	3.09	68.29	3.15
	0	52.08	2.82	55.31	2.93	58.55	3.03	60.88	3.07	65.01	3.12	68.25	3.19
	5	52.04	2.87	55.27	2.97	58.50	3.08	60.83	3.12	64.96	3.18	68.19	3.24
	10	52.00	2.91	55.22	3.02	55.77	3.13	60.79	3.16	64.91	3.22	68.14	3.29
	14	51.96	2.95	55.18	3.06	58.41	3.17	60.74	3.21	64.86	3.27	68.09	3.34
	20	51.92	3.00	55.14	3.10	58.36	3.22	60.69	3.26	64.81	3.32	68.04	3.38
	25	51.88	3.04	55.10	3.15	58.32	3.26	60.65	3.30	64.76	3.36	67.99	3.43
	30	51.84	3.08	55.06	3.19	58.28	3.31	60.60	3.35	64.71	3.41	67.93	3.48
	35	51.80	3.12	55.01	3.24	58.23	3.36	60.55	3.39	64.66	3.46	67.88	3.53
	40	51.76	3.17	54.97	3.28	58.19	3.40	60.51	3.44	64.62	3.50	67.83	3.57
	45	51.72	3.21	54.93	3.32	58.14	3.45	60.46	3.49	64.57	3.55	67.78	3.62
	50	51.68	3.25	54.89	3.37	58.10	3.49	60.42	3.53	64.52	3.60	67.73	3.67
	55	51.64	3.29	54.85	3.41	58.05	3.54	60.37	3.58	64.47	3.65	67.67	3.72
	60	51.60	3.34	54.80	3.46	58.01	3.58	60.32	3.62	64.42	3.69	67.62	3.77
	65	51.56	3.38	54.76	3.50	57.96	3.63	60.28	3.67	64.37	3.74	67.57	3.81
	70	51.52	3.42	54.72	3.54	57.92	3.67	60.23	3.72	64.32	3.79	67.52	3.86
	75	50.28	3.60	53.47	3.74	56.66	3.87	58.97	3.92	63.05	3.99	66.24	4.07
	80	49.04	3.79	52.22	3.93	55.41	4.07	57.71	4.12	61.78	4.19	64.96	4.28
	85	47.81	3.97	50.99	4.12	54.16	4.27	56.46	4.32	60.52	4.40	63.69	4.49
	90	46.58	4.16	49.75	4.31	52.92	4.47	55.21	4.52	59.26	4.60	62.42	4.70
	95	45.25	4.34	48.40	4.50	51.55	4.67	53.00	4.72	56.78	4.72	58.77	4.72
	100	44.72	4.53	47.91	4.69	49.64	4.72	50.62	4.72	54.18	4.72	56.07	4.72
	105	44.18	4.71	45.87	4.72	47.27	4.72	48.44	4.72	51.68	4.72	53.58	4.72
	110	42.05	4.72	43.70	4.72	45.06	4.72	46.41	4.72	49.46	4.72	51.28	4.72
	115	40.06	4.72	41.60	4.72	43.03	4.72	44.53	4.72	47.41	4.72	49.15	4.72
	118	38.92	4.72	40.50	4.72	41.88	4.72	43.47	4.72	46.16	4.72	48.00	4.72
	122	37.73	4.72	39.31	4.72	40.64	4.72	42.23	4.72	44.85	4.72	46.60	4.72
53	-4	52.11	2.79	55.34	2.89	58.58	3.00	60.92	3.03	65.05	3.09	68.29	3.15
	0	52.08	2.82	55.31	2.93	58.55	3.03	60.88	3.07	65.01	3.12	68.25	3.19
	5	52.04	2.87	55.27	2.97	58.50	3.08	60.83	3.12	64.96	3.18	68.19	3.24
	10	52.00	2.91	55.22	3.02	55.77	3.13	60.79	3.16	64.91	3.22	68.14	3.29
	14	51.96	2.95	55.18	3.06	58.41	3.17	60.74	3.21	64.86	3.27	68.09	3.34
	20	51.92	3.00	55.14	3.10	58.36	3.22	60.69	3.26	64.81	3.32	68.04	3.38
	25	51.88	3.04	55.10	3.15	58.32	3.26	60.65	3.30	64.76	3.36	67.99	3.43
	30	51.84	3.08	55.06	3.19	58.28	3.31	60.60	3.35	64.71	3.41	67.93	3.48
	35	51.80	3.12	55.01	3.24	58.23	3.36	60.55	3.39	64.66	3.46	67.88	3.53
	40	51.76	3.17	54.97	3.28	58.19	3.40	60.51	3.44	64.62	3.50	67.83	3.57
	45	51.72	3.21	54.93	3.32	58.14	3.45	60.46	3.49	64.57	3.55	67.78	3.62
	50	51.68	3.25	54.89	3.37	58.10	3.49	60.42	3.53	64.52	3.60	67.73	3.67
	55	51.64	3.29	54.85	3.41	58.05	3.54	60.37	3.58	64.47	3.65	67.67	3.72
	60	51.60	3.34	54.80	3.46	58.01	3.58	60.32	3.62	64.42	3.69	67.62	3.77
	65	51.56	3.38	54.76	3.50	57.96	3.63	60.28	3.67	64.37	3.74	67.57	3.81
	70	51.52	3.42	54.72	3.54	57.92	3.67	60.23	3.72	64.32	3.79	67.52	3.86
	75	50.28	3.60	53.47	3.74	56.66	3.87	58.97	3.92	63.05	3.99	66.24	4.07
	80	49.04	3.79	52.22	3.93	55.41	4.07	57.71	4.12	61.78	4.19	64.96	4.28
	85	47.81	3.97	50.99	4.12	54.16	4.27	56.46	4.32	60.52	4.40	63.69	4.49
	90	46.58	4.16	49.75	4.31	52.92	4.47	55.21	4.52	59.26	4.60	62.42	4.70
	95	45.25	4.34	48.40	4.50	51.55	4.67	53.00	4.72	56.78	4.72	58.77	4.72
	100	44.72	4.53	47.91	4.69	49.64	4.72	50.62	4.72	54.18	4.72	56.07	4.72
	105	44.18	4.71	45.87	4.72	47.27	4.72	48.44	4.72	51.68	4.72	53.58	4.72
	110	42.05	4.72	43.70	4.72	45.06	4.72	46.41	4.72	49.46	4.72	51.28	4.72
	115	40.06	4.72	41.60	4.72	43.03	4.72	44.53	4.72	47.41	4.72	49.15	4.72
	118	38.92	4.72	40.50	4.72	41.88	4.72	43.47	4.72	46.16	4.72	48.00	4.72
	122	37.73	4.72	39.31	4.72	40.64	4.72	42.23	4.72	44.85	4.72	46.60	4.72

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA421A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 107: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-4	52.11	2.79	55.34	2.89	58.58	3.00	60.92	3.03	65.05	3.09	68.29	3.15
	0	52.08	2.82	55.31	2.93	58.55	3.03	60.88	3.07	65.01	3.12	68.25	3.19
	5	52.04	2.87	55.27	2.97	58.50	3.08	60.83	3.12	64.96	3.18	68.19	3.24
	10	52.00	2.91	55.22	3.02	55.77	3.13	60.79	3.16	64.91	3.22	68.14	3.29
	14	51.96	2.95	55.18	3.06	58.41	3.17	60.74	3.21	64.86	3.27	68.09	3.34
	20	51.92	3.00	55.14	3.10	58.36	3.22	60.69	3.26	64.81	3.32	68.04	3.38
	25	51.88	3.04	55.10	3.15	58.32	3.26	60.65	3.30	64.76	3.36	67.99	3.43
	30	51.84	3.08	55.06	3.19	58.28	3.31	60.60	3.35	64.71	3.41	67.93	3.48
	35	51.80	3.12	55.01	3.24	58.23	3.36	60.55	3.39	64.66	3.46	67.88	3.53
	40	51.76	3.17	54.97	3.28	58.19	3.40	60.51	3.44	64.62	3.50	67.83	3.57
	45	51.72	3.21	54.93	3.32	58.14	3.45	60.46	3.49	64.57	3.55	67.78	3.62
	50	51.68	3.25	54.89	3.37	58.10	3.49	60.42	3.53	64.52	3.60	67.73	3.67
	55	51.64	3.29	54.85	3.41	58.05	3.54	60.37	3.58	64.47	3.65	67.67	3.72
	60	51.60	3.34	54.80	3.46	58.01	3.58	60.32	3.62	64.42	3.69	67.62	3.77
	65	51.56	3.38	54.76	3.50	57.96	3.63	60.28	3.67	64.37	3.74	67.57	3.81
	70	51.52	3.42	54.72	3.54	57.92	3.67	60.23	3.72	64.32	3.79	67.52	3.86
	75	50.28	3.60	53.47	3.74	56.66	3.87	58.97	3.92	63.05	3.99	66.24	4.07
	80	49.04	3.79	52.22	3.93	55.41	4.07	57.71	4.12	61.78	4.19	64.96	4.28
	85	47.81	3.97	50.99	4.12	54.16	4.27	56.46	4.32	60.52	4.40	63.69	4.49
	90	46.58	4.16	49.75	4.31	52.92	4.47	55.21	4.52	59.26	4.60	62.42	4.70
	95	45.25	4.34	48.40	4.50	51.55	4.67	53.00	4.72	56.78	4.72	58.77	4.72
	100	44.72	4.53	47.91	4.69	49.64	4.72	50.62	4.72	54.18	4.72	56.07	4.72
	105	44.18	4.71	45.87	4.72	47.27	4.72	48.44	4.72	51.68	4.72	53.58	4.72
	110	42.05	4.72	43.70	4.72	45.06	4.72	46.41	4.72	49.46	4.72	51.28	4.72
	115	40.06	4.72	41.60	4.72	43.03	4.72	44.53	4.72	47.41	4.72	49.15	4.72
	118	38.92	4.72	40.50	4.72	41.88	4.72	43.47	4.72	46.16	4.72	48.00	4.72
	122	37.73	4.72	39.31	4.72	40.64	4.72	42.23	4.72	44.85	4.72	46.60	4.72
55	-4	52.11	2.79	55.34	2.89	58.58	3.00	60.92	3.03	65.05	3.09	68.29	3.15
	0	52.08	2.82	55.31	2.93	58.55	3.03	60.88	3.07	65.01	3.12	68.25	3.19
	5	52.04	2.87	55.27	2.97	58.50	3.08	60.83	3.12	64.96	3.18	68.19	3.24
	10	52.00	2.91	55.22	3.02	55.77	3.13	60.79	3.16	64.91	3.22	68.14	3.29
	14	51.96	2.95	55.18	3.06	58.41	3.17	60.74	3.21	64.86	3.27	68.09	3.34
	20	51.92	3.00	55.14	3.10	58.36	3.22	60.69	3.26	64.81	3.32	68.04	3.38
	25	51.88	3.04	55.10	3.15	58.32	3.26	60.65	3.30	64.76	3.36	67.99	3.43
	30	51.84	3.08	55.06	3.19	58.28	3.31	60.60	3.35	64.71	3.41	67.93	3.48
	35	51.80	3.12	55.01	3.24	58.23	3.36	60.55	3.39	64.66	3.46	67.88	3.53
	40	51.76	3.17	54.97	3.28	58.19	3.40	60.51	3.44	64.62	3.50	67.83	3.57
	45	51.72	3.21	54.93	3.32	58.14	3.45	60.46	3.49	64.57	3.55	67.78	3.62
	50	51.68	3.25	54.89	3.37	58.10	3.49	60.42	3.53	64.52	3.60	67.73	3.67
	55	51.64	3.29	54.85	3.41	58.05	3.54	60.37	3.58	64.47	3.65	67.67	3.72
	60	51.60	3.34	54.80	3.46	58.01	3.58	60.32	3.62	64.42	3.69	67.62	3.77
	65	51.56	3.38	54.76	3.50	57.96	3.63	60.28	3.67	64.37	3.74	67.57	3.81
	70	51.52	3.42	54.72	3.54	57.92	3.67	60.23	3.72	64.32	3.79	67.52	3.86
	75	50.28	3.60	53.47	3.74	56.66	3.87	58.97	3.92	63.05	3.99	66.24	4.07
	80	49.04	3.79	52.22	3.93	55.41	4.07	57.71	4.12	61.78	4.19	64.96	4.28
	85	47.81	3.97	50.99	4.12	54.16	4.27	56.46	4.32	60.52	4.40	63.69	4.49
	90	46.58	4.16	49.75	4.31	52.92	4.47	55.21	4.52	59.26	4.60	62.42	4.70
	95	45.25	4.34	48.40	4.50	51.55	4.67	53.00	4.72	56.78	4.72	58.77	4.72
	100	44.72	4.53	47.91	4.69	49.64	4.72	50.62	4.72	54.18	4.72	56.07	4.72
	105	44.18	4.71	45.87	4.72	47.27	4.72	48.44	4.72	51.68	4.72	53.58	4.72
	110	42.05	4.72	43.70	4.72	45.06	4.72	46.41	4.72	49.46	4.72	51.28	4.72
	115	40.06	4.72	41.60	4.72	43.03	4.72	44.53	4.72	47.41	4.72	49.15	4.72
	118	38.92	4.72	40.50	4.72	41.88	4.72	43.47	4.72	46.16	4.72	48.00	4.72
	122	37.73	4.72	39.31	4.72	40.64	4.72	42.23	4.72	44.85	4.72	46.60	4.72

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 108: KUMXA421A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
56	-4	52.11	2.79	55.34	2.89	58.58	3.00	60.92	3.03	65.05	3.09	68.29	3.15
	0	52.08	2.82	55.31	2.93	58.55	3.03	60.88	3.07	65.01	3.12	68.25	3.19
	5	52.04	2.87	55.27	2.97	58.50	3.08	60.83	3.12	64.96	3.18	68.19	3.24
	10	52.00	2.91	55.22	3.02	55.77	3.13	60.79	3.16	64.91	3.22	68.14	3.29
	14	51.96	2.95	55.18	3.06	58.41	3.17	60.74	3.21	64.86	3.27	68.09	3.34
	20	51.92	3.00	55.14	3.10	58.36	3.22	60.69	3.26	64.81	3.32	68.04	3.38
	25	51.88	3.04	55.10	3.15	58.32	3.26	60.65	3.30	64.76	3.36	67.99	3.43
	30	51.84	3.08	55.06	3.19	58.28	3.31	60.60	3.35	64.71	3.41	67.93	3.48
	35	51.80	3.12	55.01	3.24	58.23	3.36	60.55	3.39	64.66	3.46	67.88	3.53
	40	51.76	3.17	54.97	3.28	58.19	3.40	60.51	3.44	64.62	3.50	67.83	3.57
	45	51.72	3.21	54.93	3.32	58.14	3.45	60.46	3.49	64.57	3.55	67.78	3.62
	50	51.68	3.25	54.89	3.37	58.10	3.49	60.42	3.53	64.52	3.60	67.73	3.67
	55	51.64	3.29	54.85	3.41	58.05	3.54	60.37	3.58	64.47	3.65	67.67	3.72
	60	51.60	3.34	54.80	3.46	58.01	3.58	60.32	3.62	64.42	3.69	67.62	3.77
	65	51.56	3.38	54.76	3.50	57.96	3.63	60.28	3.67	64.37	3.74	67.57	3.81
	70	51.52	3.42	54.72	3.54	57.92	3.67	60.23	3.72	64.32	3.79	67.52	3.86
	75	50.28	3.60	53.47	3.74	56.66	3.87	58.97	3.92	63.05	3.99	66.24	4.07
	80	49.04	3.79	52.22	3.93	55.41	4.07	57.71	4.12	61.78	4.19	64.96	4.28
	85	47.81	3.97	50.99	4.12	54.16	4.27	56.46	4.32	60.52	4.40	63.69	4.49
	90	46.58	4.16	49.75	4.31	52.92	4.47	55.21	4.52	59.26	4.60	62.42	4.70
	95	45.25	4.34	48.40	4.50	51.55	4.67	53.00	4.72	56.78	4.72	58.77	4.72
	100	44.72	4.53	47.91	4.69	49.64	4.72	50.62	4.72	54.18	4.72	56.07	4.72
	105	44.18	4.71	45.87	4.72	47.27	4.72	48.44	4.72	51.68	4.72	53.58	4.72
	110	42.05	4.72	43.70	4.72	45.06	4.72	46.41	4.72	49.46	4.72	51.28	4.72
	115	40.06	4.72	41.60	4.72	43.03	4.72	44.53	4.72	47.41	4.72	49.15	4.72
	118	38.92	4.72	40.50	4.72	41.88	4.72	43.47	4.72	46.16	4.72	48.00	4.72
	122	37.73	4.72	39.31	4.72	40.64	4.72	42.23	4.72	44.85	4.72	46.60	4.72

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 109: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	20.35	0.96	21.61	0.99	22.88	1.03	23.79	1.04	25.41	1.06	26.67	1.08
	0	20.34	0.97	21.60	1.00	22.87	1.04	23.78	1.05	25.39	1.07	26.66	1.09
	5	20.32	0.98	21.59	1.02	22.85	1.06	23.76	1.07	25.37	1.09	26.63	1.11
	10	20.31	1.00	21.57	1.03	22.83	1.07	23.74	1.08	25.35	1.10	26.61	1.13
	14	20.29	1.01	21.55	1.05	22.81	1.09	23.72	1.10	25.33	1.12	26.59	1.14
	20	20.28	1.03	21.54	1.06	22.80	1.10	23.70	1.12	25.31	1.14	26.57	1.16
	25	20.26	1.04	21.52	1.08	22.78	1.12	23.69	1.13	25.29	1.15	26.55	1.18
	30	20.25	1.06	21.50	1.09	22.76	1.13	23.67	1.15	25.28	1.17	26.53	1.19
	35	20.23	1.07	21.49	1.11	22.74	1.15	23.65	1.16	25.26	1.18	26.51	1.21
	40	20.21	1.08	21.47	1.12	22.73	1.17	23.63	1.18	25.24	1.20	26.49	1.23
	45	20.20	1.10	21.45	1.14	22.71	1.18	23.61	1.19	25.22	1.22	26.47	1.24
	50	20.18	1.11	21.44	1.15	22.69	1.20	23.60	1.21	25.20	1.23	26.45	1.26
	55	20.17	1.13	21.42	1.17	22.67	1.21	23.58	1.23	25.18	1.25	26.43	1.27
	60	20.15	1.14	21.40	1.18	22.66	1.23	23.56	1.24	25.16	1.27	26.41	1.29
	65	20.14	1.16	21.39	1.20	22.64	1.24	23.54	1.26	25.14	1.28	26.39	1.31
	70	20.12	1.17	21.37	1.21	22.62	1.26	23.52	1.27	25.12	1.30	26.37	1.32
	75	19.64	1.24	20.88	1.28	22.13	1.33	23.03	1.34	24.62	1.37	25.87	1.39
	80	19.15	1.30	20.40	1.35	21.64	1.39	22.54	1.41	24.13	1.44	25.37	1.47
	85	18.67	1.36	19.91	1.41	21.15	1.46	22.05	1.48	23.64	1.51	24.88	1.54
	90	18.19	1.42	19.43	1.48	20.67	1.53	21.56	1.55	23.14	1.58	24.38	1.61
	95	17.67	1.49	18.90	1.54	20.14	1.60	20.70	1.62	22.60	1.65	23.83	1.68
	100	17.46	1.55	18.71	1.61	19.96	1.67	20.61	1.69	22.46	1.72	23.71	1.75
	105	17.26	1.61	18.52	1.67	19.79	1.73	20.52	1.75	22.32	1.79	23.59	1.82
	110	17.05	1.68	18.33	1.74	19.62	1.80	20.43	1.82	22.18	1.86	23.47	1.89
	115	16.84	1.74	18.14	1.80	19.44	1.87	20.34	1.89	22.05	1.93	23.35	1.97
	118	16.72	1.78	18.03	1.84	19.34	1.91	20.29	1.93	21.96	1.97	23.27	2.01
	122	16.67	1.83	17.99	1.90	19.30	1.97	20.27	1.99	21.94	2.03	23.25	2.07
19	-4	21.39	1.01	22.72	1.05	24.04	1.08	25.00	1.10	26.70	1.12	28.03	1.14
	0	21.38	1.02	22.70	1.06	24.03	1.10	24.99	1.11	26.69	1.13	28.01	1.15
	5	21.36	1.04	22.69	1.07	24.01	1.11	24.97	1.13	26.66	1.15	27.99	1.17
	10	21.34	1.05	22.67	1.09	23.99	1.13	24.95	1.14	26.64	1.16	27.97	1.19
	14	21.33	1.07	22.65	1.11	23.98	1.15	24.93	1.16	26.62	1.18	27.95	1.21
	20	21.31	1.08	22.63	1.12	23.96	1.16	24.91	1.18	26.60	1.20	27.93	1.22
	25	21.29	1.10	22.62	1.14	23.94	1.18	24.89	1.19	26.58	1.22	27.91	1.24
	30	21.28	1.11	22.60	1.15	23.92	1.20	24.87	1.21	26.56	1.23	27.88	1.26
	35	21.26	1.13	22.58	1.17	23.90	1.21	24.86	1.23	26.54	1.25	27.86	1.27
	40	21.24	1.14	22.56	1.19	23.88	1.23	24.84	1.24	26.52	1.27	27.84	1.29
	45	21.23	1.16	22.55	1.20	23.87	1.25	24.82	1.26	26.50	1.28	27.82	1.31
	50	21.21	1.17	22.53	1.22	23.85	1.26	24.80	1.28	26.48	1.30	27.80	1.33
	55	21.20	1.19	22.51	1.23	23.83	1.28	24.78	1.29	26.46	1.32	27.78	1.34
	60	21.18	1.21	22.50	1.25	23.81	1.29	24.76	1.31	26.44	1.33	27.76	1.36
	65	21.16	1.22	22.48	1.27	23.79	1.31	24.74	1.33	26.42	1.35	27.74	1.38
	70	21.15	1.24	22.46	1.28	23.77	1.33	24.72	1.34	26.40	1.37	27.71	1.40
	75	20.64	1.30	21.95	1.35	23.26	1.40	24.20	1.42	25.88	1.44	27.19	1.47
	80	20.13	1.37	21.44	1.42	22.74	1.47	23.69	1.49	25.36	1.52	26.66	1.55
	85	19.63	1.44	20.93	1.49	22.23	1.54	23.17	1.56	24.84	1.59	26.14	1.62
	90	19.12	1.50	20.42	1.56	21.72	1.61	22.66	1.63	24.32	1.66	25.62	1.70
	95	18.57	1.57	19.87	1.63	21.16	1.69	21.75	1.71	23.75	1.74	25.04	1.77
	100	18.35	1.64	19.67	1.70	20.98	1.76	21.66	1.78	23.60	1.81	24.92	1.85
	105	18.14	1.70	19.47	1.76	20.80	1.83	21.57	1.85	23.46	1.88	24.79	1.92
	110	17.92	1.77	19.27	1.83	20.61	1.90	21.47	1.92	23.31	1.96	24.66	2.00
	115	17.70	1.84	19.07	1.90	20.43	1.97	21.38	2.00	23.17	2.03	24.54	2.07
	118	17.57	1.88	18.95	1.94	20.32	2.02	21.32	2.04	23.08	2.08	24.46	2.12
	122	17.52	1.93	18.91	2.00	20.29	2.07	21.30	2.10	23.05	2.14	24.43	2.18

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 110: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	22.42	1.06	23.82	1.10	25.21	1.14	26.22	1.15	28.00	1.17	29.39	1.20
	0	22.41	1.07	23.80	1.11	25.20	1.15	26.20	1.17	27.98	1.19	29.37	1.21
	5	22.39	1.09	23.79	1.13	25.18	1.17	26.18	1.18	27.96	1.21	29.35	1.23
	10	22.38	1.11	23.77	1.15	25.16	1.19	26.16	1.20	27.94	1.22	29.33	1.25
	14	22.36	1.12	23.75	1.16	25.14	1.21	26.14	1.22	27.91	1.24	29.30	1.27
	20	22.34	1.14	23.73	1.18	25.12	1.22	26.12	1.24	27.89	1.26	29.28	1.29
	25	22.33	1.15	23.71	1.20	25.10	1.24	26.10	1.25	27.87	1.28	29.26	1.30
	30	22.31	1.17	23.69	1.21	25.08	1.26	26.08	1.27	27.85	1.30	29.24	1.32
	35	22.29	1.19	23.68	1.23	25.06	1.28	26.06	1.29	27.83	1.31	29.21	1.34
	40	22.27	1.20	23.66	1.25	25.04	1.29	26.04	1.31	27.81	1.33	29.19	1.36
	45	22.26	1.22	23.64	1.26	25.02	1.31	26.02	1.33	27.79	1.35	29.17	1.38
	50	22.24	1.24	23.62	1.28	25.00	1.33	26.00	1.34	27.77	1.37	29.15	1.40
	55	22.22	1.25	23.60	1.30	24.98	1.34	25.98	1.36	27.74	1.39	29.12	1.41
	60	22.21	1.27	23.59	1.31	24.96	1.36	25.96	1.38	27.72	1.40	29.10	1.43
	65	22.19	1.28	23.57	1.33	24.95	1.38	25.94	1.40	27.70	1.42	29.08	1.45
	70	22.17	1.30	23.55	1.35	24.93	1.40	25.92	1.41	27.68	1.44	29.06	1.47
	75	21.64	1.37	23.01	1.42	24.39	1.47	25.38	1.49	27.13	1.52	28.51	1.55
	80	21.11	1.44	22.48	1.49	23.85	1.55	24.84	1.57	26.59	1.59	27.96	1.63
	85	20.58	1.51	21.94	1.57	23.31	1.62	24.30	1.64	26.04	1.67	27.41	1.71
	90	20.05	1.58	21.41	1.64	22.77	1.70	23.76	1.72	25.50	1.75	26.86	1.78
	95	19.47	1.65	20.83	1.71	22.19	1.77	22.81	1.79	24.90	1.83	26.26	1.86
	100	19.24	1.72	20.62	1.78	22.00	1.85	22.71	1.87	24.75	1.91	26.12	1.94
	105	19.02	1.79	20.41	1.86	21.81	1.92	22.61	1.95	24.60	1.98	25.99	2.02
	110	18.79	1.86	20.20	1.93	21.61	2.00	22.51	2.02	24.44	2.06	25.86	2.10
	115	18.56	1.93	19.99	2.00	21.42	2.07	22.41	2.10	24.29	2.14	25.72	2.18
	118	18.42	1.97	19.86	2.05	21.31	2.12	22.35	2.14	24.20	2.18	25.64	2.23
	122	18.37	2.03	19.82	2.10	21.27	2.18	22.33	2.21	24.17	2.25	25.62	2.29
21	-4	23.46	1.11	24.92	1.15	26.38	1.20	27.43	1.21	29.29	1.23	30.75	1.26
	0	23.45	1.13	24.91	1.17	26.36	1.21	27.41	1.22	29.27	1.25	30.73	1.27
	5	23.43	1.14	24.88	1.19	26.34	1.23	27.39	1.24	29.25	1.27	30.71	1.29
	10	23.41	1.16	24.87	1.20	26.32	1.25	27.37	1.26	29.23	1.29	30.68	1.31
	14	23.39	1.18	24.85	1.22	26.30	1.27	27.35	1.28	29.21	1.30	30.66	1.33
	20	23.38	1.20	24.83	1.24	26.28	1.28	27.33	1.30	29.18	1.32	30.64	1.35
	25	23.36	1.21	24.81	1.26	26.26	1.30	27.31	1.32	29.16	1.34	30.61	1.37
	30	23.34	1.23	24.79	1.27	26.24	1.32	27.29	1.34	29.14	1.36	30.59	1.39
	35	23.32	1.25	24.77	1.29	26.22	1.34	27.27	1.35	29.12	1.38	30.56	1.41
	40	23.30	1.26	24.75	1.31	26.20	1.36	27.24	1.37	29.09	1.40	30.54	1.43
	45	23.29	1.28	24.73	1.33	26.18	1.38	27.22	1.39	29.07	1.42	30.52	1.45
	50	23.27	1.30	24.71	1.34	26.16	1.39	27.20	1.41	29.05	1.44	30.49	1.46
	55	23.25	1.31	24.70	1.36	26.14	1.41	27.18	1.43	29.03	1.45	30.47	1.48
	60	23.23	1.33	24.68	1.38	26.12	1.43	27.16	1.45	29.01	1.47	30.45	1.50
	65	23.22	1.35	24.66	1.40	26.10	1.45	27.14	1.46	28.98	1.49	30.42	1.52
	70	23.20	1.36	24.64	1.41	26.08	1.47	27.12	1.48	28.96	1.51	30.40	1.54
	75	22.64	1.44	24.08	1.49	25.51	1.55	26.55	1.56	28.39	1.59	29.83	1.62
	80	22.08	1.51	23.51	1.57	24.95	1.62	25.98	1.64	27.82	1.67	29.25	1.71
	85	21.53	1.59	22.96	1.64	24.39	1.70	25.42	1.72	27.25	1.76	28.68	1.79
	90	20.97	1.66	22.40	1.72	23.83	1.78	24.86	1.80	26.68	1.84	28.11	1.87
	95	20.37	1.73	21.79	1.80	23.21	1.86	23.86	1.88	26.05	1.92	27.47	1.96
	100	20.13	1.81	21.57	1.87	23.01	1.94	23.76	1.96	25.89	2.00	27.33	2.04
	105	19.89	1.88	21.35	1.95	22.81	2.02	23.66	2.04	25.73	2.08	27.19	2.12
	110	19.65	1.95	21.13	2.02	22.61	2.10	23.55	2.12	25.57	2.16	27.05	2.21
	115	19.41	2.03	20.92	2.10	22.41	2.18	23.45	2.20	25.42	2.24	26.91	2.29
	118	19.27	2.07	20.78	2.15	22.29	2.23	23.39	2.25	25.32	2.29	26.83	2.34
	122	19.22	2.13	20.74	2.21	22.25	2.29	23.37	2.32	25.29	2.36	26.80	2.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 111: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	24.50	1.17	26.02	1.21	27.54	1.25	28.64	1.27	30.58	1.29	32.11	1.32
	0	24.49	1.18	26.01	1.22	27.53	1.27	28.63	1.28	30.57	1.31	32.09	1.33
	5	24.47	1.20	25.98	1.24	27.50	1.29	28.60	1.30	30.54	1.33	32.06	1.35
	10	24.45	1.22	25.96	1.26	27.48	1.31	28.58	1.32	30.52	1.35	32.04	1.37
	14	24.43	1.23	25.95	1.28	27.46	1.33	28.56	1.34	30.50	1.37	32.01	1.39
	20	24.41	1.25	25.93	1.30	27.44	1.35	28.54	1.36	30.47	1.39	31.99	1.41
	25	24.39	1.27	25.91	1.32	27.42	1.36	28.51	1.38	30.45	1.41	31.96	1.43
	30	24.37	1.29	25.89	1.33	27.40	1.38	28.49	1.40	30.43	1.43	31.94	1.45
	35	24.35	1.31	25.87	1.35	27.38	1.40	28.47	1.42	30.40	1.45	31.92	1.47
	40	24.33	1.32	25.85	1.37	27.36	1.42	28.45	1.44	30.38	1.46	31.89	1.49
	45	24.32	1.34	25.83	1.39	27.34	1.44	28.43	1.46	30.36	1.48	31.87	1.51
	50	24.30	1.36	25.81	1.41	27.32	1.46	28.41	1.48	30.33	1.50	31.84	1.53
	55	24.28	1.38	25.79	1.43	27.29	1.48	28.38	1.50	30.31	1.52	31.82	1.55
	60	24.26	1.39	25.77	1.45	27.27	1.50	28.36	1.52	30.29	1.54	31.79	1.57
	65	24.24	1.41	25.75	1.46	27.25	1.52	28.34	1.53	30.26	1.56	31.77	1.59
	70	24.22	1.43	25.73	1.48	27.23	1.54	28.32	1.55	30.24	1.58	31.74	1.61
	75	23.64	1.51	25.14	1.56	26.64	1.62	27.73	1.64	29.64	1.67	31.14	1.70
	80	23.06	1.58	24.55	1.64	26.05	1.70	27.13	1.72	29.05	1.75	30.54	1.79
	85	22.48	1.66	23.97	1.72	25.47	1.78	26.54	1.81	28.45	1.84	29.95	1.88
	90	21.90	1.74	23.39	1.80	24.88	1.87	25.96	1.89	27.86	1.92	29.35	1.96
	95	21.27	1.82	22.76	1.88	24.24	1.95	24.92	1.97	27.20	2.01	28.69	2.05
	100	21.02	1.89	22.53	1.96	24.03	2.03	24.81	2.06	27.04	2.10	28.54	2.14
	105	20.77	1.97	22.30	2.04	23.82	2.12	24.70	2.14	26.87	2.18	28.39	2.22
	110	20.52	2.05	22.07	2.12	23.61	2.20	24.59	2.22	26.70	2.27	28.25	2.31
	115	20.27	2.12	21.84	2.20	23.40	2.28	24.49	2.31	26.54	2.35	28.10	2.40
	118	20.12	2.17	21.70	2.25	23.28	2.33	24.42	2.36	26.44	2.40	28.02	2.45
	122	20.07	2.23	21.66	2.31	23.24	2.40	24.40	2.43	26.41	2.47	27.99	2.52
23	-4	25.54	1.22	27.12	1.27	28.71	1.31	29.85	1.33	31.88	1.35	33.47	1.38
	0	25.52	1.23	27.11	1.28	28.69	1.33	29.84	1.34	31.86	1.37	33.45	1.39
	5	25.50	1.25	27.08	1.30	28.67	1.35	29.81	1.36	31.84	1.39	33.42	1.42
	10	25.48	1.27	27.06	1.32	28.65	1.37	29.79	1.38	31.81	1.41	33.39	1.44
	14	25.46	1.29	27.04	1.34	28.62	1.39	29.77	1.40	31.79	1.43	33.37	1.46
	20	25.44	1.31	27.02	1.36	28.60	1.41	29.74	1.42	31.76	1.45	33.34	1.48
	25	25.42	1.33	27.00	1.38	28.58	1.43	29.72	1.44	31.74	1.47	33.32	1.50
	30	25.40	1.35	26.98	1.40	28.56	1.45	29.70	1.46	31.71	1.49	33.29	1.52
	35	25.38	1.37	26.96	1.42	28.54	1.47	29.68	1.48	31.69	1.51	33.27	1.54
	40	25.36	1.38	26.94	1.43	28.52	1.49	29.65	1.50	31.67	1.53	33.24	1.56
	45	25.35	1.40	26.92	1.45	28.49	1.51	29.63	1.52	31.64	1.55	33.22	1.58
	50	25.33	1.42	26.90	1.47	28.47	1.53	29.61	1.54	31.62	1.57	33.19	1.60
	55	25.31	1.44	26.88	1.49	28.45	1.55	29.59	1.56	31.59	1.59	33.16	1.63
	60	25.29	1.46	26.86	1.51	28.43	1.57	29.56	1.58	31.57	1.61	33.14	1.65
	65	25.27	1.48	26.84	1.53	28.41	1.59	29.54	1.60	31.54	1.63	33.11	1.67
	70	25.25	1.50	26.82	1.55	28.38	1.61	29.52	1.62	31.52	1.66	33.09	1.69
	75	24.64	1.58	26.21	1.63	27.77	1.69	28.90	1.71	30.90	1.74	32.46	1.78
	80	24.03	1.66	25.59	1.72	27.15	1.78	28.28	1.80	30.27	1.83	31.83	1.87
	85	23.43	1.74	24.99	1.80	26.54	1.87	27.67	1.89	29.66	1.92	31.21	1.96
	90	22.83	1.82	24.38	1.88	25.93	1.95	27.06	1.98	29.04	2.01	30.59	2.05
	95	22.18	1.90	23.72	1.97	25.27	2.04	25.97	2.06	28.35	2.10	29.90	2.14
	100	21.91	1.98	23.48	2.05	25.05	2.13	25.86	2.15	28.18	2.19	29.75	2.24
	105	21.65	2.06	23.24	2.14	24.83	2.21	25.75	2.24	28.01	2.28	29.60	2.33
	110	21.39	2.14	23.00	2.22	24.61	2.30	25.64	2.33	27.84	2.37	29.44	2.42
	115	21.13	2.22	22.76	2.30	24.40	2.39	25.52	2.41	27.66	2.46	29.29	2.51
	118	20.97	2.27	22.62	2.35	24.26	2.44	25.45	2.47	27.56	2.51	29.20	2.56
	122	20.92	2.33	22.57	2.42	24.22	2.51	25.43	2.54	27.52	2.58	29.17	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 112: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	26.57	1.27	28.22	1.32	29.87	1.37	31.07	1.39	33.17	1.41	34.82	1.44
	0	26.56	1.29	28.21	1.34	29.86	1.38	31.05	1.40	33.16	1.43	34.81	1.46
	5	26.54	1.31	28.18	1.36	29.83	1.41	31.02	1.42	33.13	1.45	34.78	1.48
	10	26.52	1.33	28.16	1.38	29.81	1.43	31.00	1.44	33.10	1.47	34.75	1.50
	14	26.50	1.35	28.14	1.40	29.79	1.45	30.98	1.47	33.08	1.49	34.72	1.52
	20	26.48	1.37	28.12	1.42	29.76	1.47	30.95	1.49	33.05	1.51	34.70	1.54
	25	26.46	1.39	28.10	1.44	29.74	1.49	30.93	1.51	33.03	1.54	34.67	1.57
	30	26.44	1.41	28.08	1.46	29.72	1.51	30.90	1.53	33.00	1.56	34.64	1.59
	35	26.42	1.43	28.06	1.48	29.70	1.53	30.88	1.55	32.98	1.58	34.62	1.61
	40	26.39	1.44	28.03	1.50	29.67	1.55	30.86	1.57	32.95	1.60	34.59	1.63
	45	26.37	1.46	28.01	1.52	29.65	1.57	30.83	1.59	32.93	1.62	34.56	1.65
	50	26.35	1.48	27.99	1.54	29.63	1.59	30.81	1.61	32.90	1.64	34.54	1.68
	55	26.33	1.50	27.97	1.56	29.61	1.61	30.79	1.63	32.88	1.66	34.51	1.70
	60	26.31	1.52	27.95	1.58	29.58	1.64	30.76	1.65	32.85	1.69	34.49	1.72
	65	26.29	1.54	27.93	1.60	29.56	1.66	30.74	1.68	32.83	1.71	34.46	1.74
	70	26.27	1.56	27.91	1.62	29.54	1.68	30.72	1.70	32.80	1.73	34.43	1.76
	75	25.64	1.65	27.27	1.71	28.90	1.77	30.07	1.79	32.15	1.82	33.78	1.86
	80	25.01	1.73	26.63	1.79	28.26	1.86	29.43	1.88	31.50	1.91	33.13	1.95
	85	24.38	1.81	26.00	1.88	27.62	1.95	28.79	1.97	30.86	2.01	32.48	2.05
	90	23.76	1.90	25.37	1.97	26.99	2.04	28.15	2.06	30.22	2.10	31.83	2.14
	95	23.08	1.98	24.68	2.05	26.29	2.13	27.03	2.15	29.51	2.19	31.11	2.24
	100	22.80	2.07	24.43	2.14	26.06	2.22	26.91	2.25	29.33	2.29	30.96	2.33
	105	22.53	2.15	24.19	2.23	25.84	2.31	26.79	2.34	29.15	2.38	30.80	2.43
	110	22.26	2.23	23.94	2.32	25.61	2.40	26.68	2.43	28.97	2.47	30.64	2.52
	115	21.99	2.32	23.69	2.40	25.39	2.49	26.56	2.52	28.79	2.57	30.48	2.62
	118	21.83	2.37	23.54	2.46	25.25	2.55	26.49	2.58	28.68	2.62	30.39	2.68
	122	21.77	2.44	23.49	2.53	25.20	2.62	26.46	2.65	28.64	2.70	30.36	2.75
25	-4	27.61	1.33	29.32	1.38	31.04	1.43	32.28	1.44	34.47	1.47	36.18	1.50
	0	27.59	1.34	29.31	1.39	31.02	1.44	32.26	1.46	34.45	1.49	36.16	1.52
	5	27.57	1.37	29.28	1.41	31.00	1.47	32.23	1.48	34.42	1.51	36.13	1.54
	10	27.55	1.39	29.26	1.44	30.97	1.49	32.21	1.51	34.40	1.53	36.11	1.56
	14	27.53	1.41	29.24	1.46	30.95	1.51	32.18	1.53	34.37	1.56	36.08	1.59
	20	27.51	1.43	29.22	1.48	30.93	1.53	32.16	1.55	34.34	1.58	36.05	1.61
	25	27.49	1.45	29.20	1.50	30.90	1.55	32.14	1.57	34.32	1.60	36.02	1.63
	30	27.47	1.47	29.17	1.52	30.88	1.58	32.11	1.59	34.29	1.62	36.00	1.66
	35	27.45	1.49	29.15	1.54	30.86	1.60	32.09	1.62	34.26	1.65	35.97	1.68
	40	27.43	1.51	29.13	1.56	30.83	1.62	32.06	1.64	34.24	1.67	35.94	1.70
	45	27.40	1.53	29.11	1.58	30.81	1.64	32.04	1.66	34.21	1.69	35.91	1.72
	50	27.38	1.55	29.08	1.60	30.78	1.66	32.01	1.68	34.19	1.71	35.89	1.75
	55	27.36	1.57	29.06	1.62	30.76	1.68	31.99	1.70	34.16	1.73	35.86	1.77
	60	27.34	1.59	29.04	1.65	30.74	1.71	31.96	1.72	34.13	1.76	35.83	1.79
	65	27.32	1.61	29.02	1.67	30.71	1.73	31.94	1.75	34.11	1.78	35.80	1.82
	70	27.30	1.63	28.99	1.69	30.69	1.75	31.91	1.77	34.08	1.80	35.78	1.84
	75	26.64	1.72	28.33	1.78	30.02	1.84	31.25	1.86	33.41	1.90	35.10	1.94
	80	25.99	1.80	27.67	1.87	29.36	1.94	30.58	1.96	32.73	2.00	34.42	2.04
	85	25.33	1.89	27.02	1.96	28.70	2.03	29.92	2.06	32.07	2.09	33.75	2.14
	90	24.68	1.98	26.36	2.05	28.04	2.13	29.25	2.15	31.40	2.19	33.08	2.23
	95	23.98	2.07	25.65	2.14	27.32	2.22	28.08	2.25	30.66	2.29	32.33	2.33
	100	23.69	2.15	25.39	2.23	27.08	2.31	27.96	2.34	30.47	2.39	32.16	2.43
	105	23.41	2.24	25.13	2.32	26.85	2.41	27.84	2.44	30.28	2.48	32.00	2.53
	110	23.13	2.33	24.87	2.42	26.61	2.50	27.72	2.53	30.10	2.58	31.84	2.63
	115	22.85	2.42	24.61	2.51	26.38	2.60	27.59	2.63	29.91	2.68	31.67	2.73
	118	22.68	2.47	24.46	2.56	26.24	2.65	27.52	2.68	29.80	2.74	31.57	2.79
	122	22.62	2.54	24.41	2.63	26.19	2.73	27.50	2.76	29.76	2.81	31.54	2.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 113: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	28.65	1.38	30.43	1.43	32.20	1.49	33.49	1.50	35.76	1.53	37.54	1.56
	0	28.63	1.40	30.41	1.45	32.19	1.50	33.47	1.52	35.74	1.55	37.52	1.58
	5	28.61	1.42	30.38	1.47	32.16	1.53	33.44	1.54	35.71	1.57	37.49	1.60
	10	28.59	1.44	30.36	1.49	32.14	1.55	33.42	1.57	35.69	1.60	37.46	1.63
	14	28.56	1.46	30.34	1.52	32.11	1.57	33.39	1.59	35.66	1.62	37.43	1.65
	20	28.54	1.48	30.31	1.54	32.09	1.59	33.37	1.61	35.63	1.64	37.41	1.68
	25	28.52	1.51	30.29	1.56	32.06	1.62	33.34	1.64	35.61	1.67	37.38	1.70
	30	28.50	1.53	30.27	1.58	32.04	1.64	33.32	1.66	35.58	1.69	37.35	1.72
	35	28.48	1.55	30.25	1.60	32.01	1.66	33.29	1.68	35.55	1.71	37.32	1.75
	40	28.46	1.57	30.22	1.63	31.99	1.68	33.27	1.70	35.52	1.74	37.29	1.77
	45	28.43	1.59	30.20	1.65	31.96	1.71	33.24	1.73	35.50	1.76	37.26	1.79
	50	28.41	1.61	30.18	1.67	31.94	1.73	33.21	1.75	35.47	1.78	37.23	1.82
	55	28.39	1.63	30.15	1.69	31.92	1.75	33.19	1.77	35.44	1.81	37.21	1.84
	60	28.37	1.65	30.13	1.71	31.89	1.78	33.16	1.80	35.42	1.83	37.18	1.87
	65	28.35	1.67	30.11	1.73	31.87	1.80	33.14	1.82	35.39	1.85	37.15	1.89
	70	28.32	1.69	30.08	1.76	31.84	1.82	33.11	1.84	35.36	1.88	37.12	1.91
	75	27.64	1.79	29.40	1.85	31.15	1.92	32.42	1.94	34.66	1.98	36.42	2.02
	80	26.96	1.88	28.71	1.95	30.46	2.02	31.73	2.04	33.96	2.08	35.71	2.12
	85	26.29	1.97	28.03	2.04	29.78	2.12	31.04	2.14	33.27	2.18	35.02	2.22
	90	25.61	2.06	27.35	2.14	29.09	2.21	30.35	2.24	32.58	2.28	34.32	2.33
	95	24.88	2.15	26.61	2.23	28.34	2.31	29.14	2.34	31.81	2.38	33.54	2.43
	100	24.58	2.24	26.34	2.32	28.10	2.41	29.01	2.44	31.61	2.48	33.37	2.53
	105	24.29	2.33	26.07	2.42	27.86	2.51	28.88	2.54	31.42	2.58	33.20	2.64
	110	24.00	2.43	25.81	2.51	27.61	2.61	28.76	2.64	31.23	2.69	33.03	2.74
	115	23.70	2.52	25.54	2.61	27.37	2.70	28.63	2.74	31.03	2.79	32.86	2.84
	118	23.53	2.57	25.38	2.67	27.22	2.76	28.56	2.80	30.92	2.85	32.76	2.90
	122	23.47	2.65	25.32	2.74	27.17	2.84	28.53	2.87	30.88	2.93	32.73	2.99
27	-4	29.68	1.44	31.53	1.49	33.37	1.55	34.70	1.56	37.06	1.59	38.90	1.62
	0	29.67	1.45	31.51	1.51	33.35	1.56	34.68	1.58	37.04	1.61	38.88	1.64
	5	29.64	1.48	31.48	1.53	33.33	1.59	34.65	1.61	37.01	1.64	38.85	1.67
	10	29.62	1.50	31.46	1.55	33.30	1.61	34.63	1.63	36.98	1.66	38.82	1.69
	14	29.60	1.52	31.44	1.58	33.27	1.63	34.60	1.65	36.95	1.68	38.79	1.72
	20	29.58	1.54	31.41	1.60	33.25	1.66	34.58	1.68	36.92	1.71	38.76	1.74
	25	29.55	1.57	31.39	1.62	33.22	1.68	34.55	1.70	36.89	1.73	38.73	1.77
	30	29.53	1.59	31.36	1.64	33.20	1.70	34.52	1.72	36.87	1.76	38.70	1.79
	35	29.51	1.61	31.34	1.67	33.17	1.73	34.50	1.75	36.84	1.78	38.67	1.82
	40	29.49	1.63	31.32	1.69	33.15	1.75	34.47	1.77	36.81	1.81	38.64	1.84
	45	29.46	1.65	31.29	1.71	33.12	1.78	34.44	1.80	36.78	1.83	38.61	1.87
	50	29.44	1.67	31.27	1.74	33.10	1.80	34.42	1.82	36.75	1.85	38.58	1.89
	55	29.42	1.70	31.24	1.76	33.07	1.82	34.39	1.84	36.73	1.88	38.55	1.92
	60	29.39	1.72	31.22	1.78	33.05	1.85	34.36	1.87	36.70	1.90	38.52	1.94
	65	29.37	1.74	31.20	1.80	33.02	1.87	34.34	1.89	36.67	1.93	38.49	1.96
	70	29.35	1.76	31.17	1.83	33.00	1.89	34.31	1.91	36.64	1.95	38.46	1.99
	75	28.64	1.86	30.46	1.92	32.28	1.99	33.59	2.02	35.92	2.06	37.73	2.10
	80	27.94	1.95	29.75	2.02	31.56	2.10	32.87	2.12	35.19	2.16	37.01	2.20
	85	27.24	2.05	29.05	2.12	30.86	2.20	32.16	2.22	34.47	2.27	36.28	2.31
	90	26.54	2.14	28.34	2.22	30.15	2.30	31.45	2.33	33.76	2.37	35.56	2.42
	95	25.78	2.24	27.57	2.32	29.37	2.40	30.19	2.43	32.96	2.48	34.76	2.53
	100	25.47	2.33	27.30	2.42	29.12	2.51	30.06	2.53	32.76	2.58	34.58	2.63
	105	25.17	2.43	27.02	2.52	28.86	2.61	29.93	2.64	32.56	2.69	34.40	2.74
	110	24.87	2.52	26.74	2.61	28.61	2.71	29.80	2.74	32.36	2.79	34.23	2.85
	115	24.56	2.62	26.46	2.71	28.36	2.81	29.67	2.84	32.16	2.90	34.05	2.96
	118	24.38	2.67	26.29	2.77	28.21	2.87	29.59	2.91	32.03	2.96	33.95	3.02
	122	24.32	2.75	26.24	2.85	28.16	2.95	29.56	2.99	31.99	3.04	33.91	3.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 114: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	30.72	1.49	32.63	1.55	34.54	1.60	35.91	1.62	38.35	1.65	40.26	1.69
	0	30.70	1.51	32.61	1.57	34.52	1.62	35.89	1.64	38.33	1.67	40.24	1.71
	5	30.68	1.53	32.58	1.59	34.49	1.65	35.87	1.67	38.30	1.70	40.21	1.73
	10	30.66	1.56	32.56	1.61	34.46	1.67	35.84	1.69	38.27	1.72	40.17	1.76
	14	30.63	1.58	32.53	1.64	34.44	1.70	35.81	1.72	38.24	1.75	40.14	1.78
	20	30.61	1.60	32.51	1.66	34.41	1.72	35.78	1.74	38.21	1.77	40.11	1.81
	25	30.59	1.63	32.48	1.68	34.38	1.75	35.76	1.77	38.18	1.80	40.08	1.84
	30	30.56	1.65	32.46	1.71	34.36	1.77	35.73	1.79	38.15	1.82	40.05	1.86
	35	30.54	1.67	32.44	1.73	34.33	1.79	35.70	1.82	38.12	1.85	40.02	1.89
	40	30.52	1.69	32.41	1.76	34.31	1.82	35.67	1.84	38.10	1.87	39.99	1.91
	45	30.49	1.72	32.39	1.78	34.28	1.84	35.65	1.86	38.07	1.90	39.96	1.94
	50	30.47	1.74	32.36	1.80	34.25	1.87	35.62	1.89	38.04	1.92	39.93	1.96
	55	30.45	1.76	32.34	1.83	34.23	1.89	35.59	1.91	38.01	1.95	39.90	1.99
	60	30.42	1.78	32.31	1.85	34.20	1.92	35.56	1.94	37.98	1.98	39.87	2.01
	65	30.40	1.81	32.29	1.87	34.17	1.94	35.54	1.96	37.95	2.00	39.84	2.04
	70	30.37	1.83	32.26	1.90	34.15	1.97	35.51	1.99	37.92	2.03	39.81	2.07
	75	29.64	1.93	31.53	2.00	33.41	2.07	34.77	2.10	37.17	2.13	39.05	2.18
	80	28.91	2.03	30.79	2.10	32.67	2.18	34.02	2.20	36.42	2.24	38.30	2.29
	85	28.19	2.13	30.06	2.20	31.93	2.28	33.29	2.31	35.68	2.35	37.55	2.40
	90	27.46	2.22	29.33	2.31	31.20	2.39	32.55	2.42	34.94	2.46	36.80	2.51
	95	26.68	2.32	28.54	2.41	30.39	2.50	31.25	2.52	34.11	2.57	35.97	2.62
	100	26.36	2.42	28.25	2.51	30.13	2.60	31.11	2.63	33.90	2.68	35.79	2.73
	105	26.05	2.52	27.96	2.61	29.87	2.71	30.98	2.74	33.70	2.79	35.61	2.85
	110	25.74	2.62	27.67	2.71	29.61	2.81	30.84	2.85	33.49	2.90	35.42	2.96
29	115	25.42	2.72	27.39	2.82	29.35	2.92	30.70	2.95	33.28	3.01	35.24	3.07
	118	25.23	2.78	27.21	2.88	29.19	2.98	30.62	3.02	33.15	3.07	35.13	3.14
	122	25.17	2.86	27.16	2.96	29.14	3.07	30.60	3.10	33.11	3.16	35.10	3.23
	-4	31.76	1.55	33.73	1.61	35.70	1.66	37.13	1.68	39.65	1.72	41.62	1.75
	0	31.74	1.57	33.71	1.62	35.68	1.68	37.11	1.70	39.63	1.73	41.60	1.77
	5	31.71	1.59	33.68	1.65	35.65	1.71	37.08	1.73	39.59	1.76	41.56	1.80
	10	31.69	1.62	33.66	1.67	35.63	1.74	37.05	1.76	39.56	1.79	41.53	1.82
	14	31.67	1.64	33.63	1.70	35.60	1.76	37.02	1.78	39.53	1.81	41.50	1.85
	20	31.64	1.66	33.61	1.72	35.57	1.79	36.99	1.81	39.50	1.84	41.47	1.88
	25	31.62	1.69	33.58	1.75	35.54	1.81	36.96	1.83	39.47	1.87	41.44	1.90
	30	31.59	1.71	33.56	1.77	35.52	1.84	36.93	1.86	39.44	1.89	41.40	1.93
	35	31.57	1.73	33.53	1.80	35.49	1.86	36.91	1.88	39.41	1.92	41.37	1.96
	40	31.55	1.76	33.50	1.82	35.46	1.89	36.88	1.91	39.38	1.94	41.34	1.98
	45	31.52	1.78	33.48	1.85	35.44	1.91	36.85	1.93	39.35	1.97	41.31	2.01
	50	31.50	1.80	33.45	1.87	35.41	1.94	36.82	1.96	39.32	2.00	41.28	2.04
	55	31.47	1.83	33.43	1.89	35.38	1.96	36.79	1.99	39.29	2.02	41.25	2.06
	60	31.45	1.85	33.40	1.92	35.35	1.99	36.77	2.01	39.26	2.05	41.21	2.09
	65	31.42	1.87	33.38	1.94	35.33	2.01	36.74	2.04	39.23	2.07	41.18	2.12
	70	31.40	1.90	33.35	1.97	35.30	2.04	36.71	2.06	39.20	2.10	41.15	2.14
	75	30.64	2.00	32.59	2.07	34.54	2.15	35.94	2.17	38.43	2.21	40.37	2.26
	80	29.89	2.10	31.83	2.18	33.77	2.26	35.17	2.28	37.65	2.33	39.59	2.37
	85	29.14	2.20	31.08	2.29	33.01	2.37	34.41	2.40	36.88	2.44	38.82	2.49
	90	28.39	2.31	30.32	2.39	32.25	2.48	33.65	2.51	36.11	2.55	38.05	2.61
	95	27.58	2.41	29.50	2.50	31.42	2.59	32.30	2.62	35.26	2.67	37.18	2.72
	100	27.25	2.51	29.20	2.60	31.15	2.70	32.16	2.73	35.05	2.78	37.00	2.84
	105	26.93	2.61	28.91	2.71	30.88	2.81	32.02	2.84	34.83	2.89	36.81	2.95
	110	26.60	2.72	28.61	2.82	30.61	2.92	31.88	2.95	34.62	3.01	36.62	3.07
	115	26.28	2.82	28.31	2.92	30.34	3.03	31.74	3.06	34.40	3.12	36.43	3.18
	118	26.08	2.88	28.13	2.99	30.18	3.09	31.66	3.13	34.27	3.19	36.32	3.25
	122	26.02	2.96	28.07	3.07	30.12	3.18	31.63	3.22	34.23	3.28	36.28	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 115: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	32.79	1.61	34.83	1.66	36.87	1.72	38.34	1.74	40.94	1.78	42.98	1.81
	0	32.78	1.62	34.81	1.68	36.85	1.74	38.32	1.76	40.92	1.80	42.95	1.83
	5	32.75	1.65	34.78	1.71	36.82	1.77	38.29	1.79	40.89	1.83	42.92	1.86
	10	32.72	1.67	34.76	1.73	36.79	1.80	38.26	1.82	40.85	1.85	42.89	1.89
	14	32.70	1.70	34.73	1.76	36.76	1.82	38.23	1.85	40.82	1.88	42.85	1.92
	20	32.67	1.72	34.70	1.79	36.73	1.85	38.20	1.87	40.79	1.91	42.82	1.95
	25	32.65	1.75	34.68	1.81	36.71	1.88	38.17	1.90	40.76	1.93	42.79	1.97
	30	32.63	1.77	34.65	1.84	36.68	1.90	38.14	1.92	40.73	1.96	42.76	2.00
	35	32.60	1.80	34.62	1.86	36.65	1.93	38.11	1.95	40.70	1.99	42.72	2.03
	40	32.58	1.82	34.60	1.89	36.62	1.96	38.08	1.98	40.67	2.01	42.69	2.06
	45	32.55	1.84	34.57	1.91	36.59	1.98	38.05	2.00	40.64	2.04	42.66	2.08
	50	32.53	1.87	34.55	1.94	36.57	2.01	38.02	2.03	40.61	2.07	42.63	2.11
	55	32.50	1.89	34.52	1.96	36.54	2.03	37.99	2.06	40.57	2.10	42.59	2.14
	60	32.48	1.92	34.49	1.99	36.51	2.06	37.97	2.08	40.54	2.12	42.56	2.17
	65	32.45	1.94	34.47	2.01	36.48	2.09	37.94	2.11	40.51	2.15	42.53	2.19
	70	32.43	1.97	34.44	2.04	36.45	2.11	37.91	2.14	40.48	2.18	42.49	2.22
	75	31.65	2.07	33.65	2.15	35.66	2.23	37.11	2.25	39.68	2.29	41.69	2.34
	80	30.86	2.18	32.87	2.26	34.87	2.34	36.32	2.37	38.88	2.41	40.88	2.46
	85	30.09	2.28	32.09	2.37	34.09	2.45	35.53	2.48	38.09	2.53	40.09	2.58
	90	29.32	2.39	31.31	2.48	33.31	2.57	34.75	2.60	37.29	2.65	39.29	2.70
	95	28.48	2.50	30.46	2.59	32.45	2.68	33.36	2.71	36.41	2.76	38.40	2.82
	100	28.14	2.60	30.16	2.70	32.17	2.80	33.21	2.83	36.19	2.88	38.20	2.94
	105	27.81	2.71	29.85	2.81	31.89	2.91	33.07	2.94	35.97	3.00	38.01	3.06
	110	27.47	2.82	29.54	2.92	31.61	3.02	32.92	3.06	35.75	3.12	37.81	3.18
31	115	27.14	2.92	29.23	3.03	31.33	3.14	32.78	3.17	35.53	3.23	37.62	3.30
	118	26.94	2.98	29.05	3.09	31.16	3.21	32.69	3.24	35.39	3.30	37.50	3.37
	122	26.87	3.07	28.99	3.18	31.11	3.30	32.66	3.34	35.35	3.40	37.46	3.47
	-4	33.83	1.66	35.93	1.72	38.03	1.79	39.55	1.81	42.24	1.84	44.34	1.88
	0	33.81	1.68	35.91	1.74	38.01	1.80	39.53	1.83	42.21	1.86	44.31	1.90
	5	33.79	1.71	35.88	1.77	37.98	1.83	39.50	1.86	42.18	1.89	44.28	1.93
	10	33.76	1.73	35.86	1.80	37.95	1.86	39.47	1.88	42.15	1.92	44.24	1.96
	14	33.73	1.76	35.83	1.82	37.92	1.89	39.44	1.91	42.11	1.95	44.21	1.99
	20	33.71	1.78	35.80	1.85	37.90	1.92	39.41	1.94	42.08	1.97	44.18	2.01
	25	33.68	1.81	35.77	1.87	37.87	1.94	39.38	1.97	42.05	2.00	44.14	2.04
	30	33.66	1.83	35.75	1.90	37.84	1.97	39.35	1.99	42.02	2.03	44.11	2.07
	35	33.63	1.86	35.72	1.93	37.81	2.00	39.32	2.02	41.99	2.06	44.07	2.10
	40	33.61	1.88	35.69	1.95	37.78	2.02	39.29	2.05	41.95	2.09	44.04	2.13
	45	33.58	1.91	35.66	1.98	37.75	2.05	39.26	2.07	41.92	2.11	44.01	2.16
	50	33.55	1.93	35.64	2.01	37.72	2.08	39.23	2.10	41.89	2.14	43.97	2.18
	55	33.53	1.96	35.61	2.03	37.69	2.11	39.20	2.13	41.86	2.17	43.94	2.21
	60	33.50	1.99	35.58	2.06	37.66	2.13	39.17	2.16	41.82	2.20	43.91	2.24
	65	33.48	2.01	35.56	2.08	37.63	2.16	39.14	2.18	41.79	2.23	43.87	2.27
	70	33.45	2.04	35.53	2.11	37.61	2.19	39.11	2.21	41.76	2.25	43.84	2.30
	75	32.65	2.15	34.72	2.22	36.79	2.30	38.29	2.33	40.94	2.38	43.01	2.42
	80	31.84	2.26	33.91	2.34	35.98	2.42	37.47	2.45	40.11	2.50	42.18	2.55
	85	31.04	2.37	33.11	2.45	35.17	2.54	36.66	2.57	39.29	2.62	41.35	2.67
	90	30.25	2.47	32.30	2.57	34.36	2.66	35.84	2.69	38.47	2.74	40.53	2.80
	95	29.38	2.58	31.43	2.68	33.47	2.78	34.41	2.81	37.57	2.86	39.61	2.92
	100	29.03	2.69	31.11	2.79	33.18	2.89	34.26	2.93	37.34	2.98	39.41	3.04
	105	28.69	2.80	30.79	2.91	32.90	3.01	34.11	3.05	37.11	3.10	39.21	3.17
	110	28.34	2.91	30.48	3.02	32.61	3.13	33.96	3.17	36.88	3.23	39.01	3.29
	115	28.00	3.02	30.16	3.13	32.32	3.25	33.81	3.29	36.65	3.35	38.81	3.42
	118	27.79	3.09	29.97	3.20	32.15	3.32	33.72	3.36	36.51	3.42	38.69	3.49
	122	27.72	3.18	29.91	3.29	32.09	3.41	33.69	3.45	36.47	3.52	38.65	3.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 116: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	34.87	1.72	37.03	1.78	39.20	1.85	40.76	1.87	43.53	1.90	45.70	1.94
	0	34.85	1.74	37.01	1.80	39.18	1.87	40.74	1.89	43.51	1.92	45.67	1.96
	5	34.82	1.77	36.98	1.83	39.15	1.90	40.71	1.92	43.47	1.95	45.63	1.99
	10	34.79	1.79	36.96	1.86	39.12	1.93	40.68	1.95	43.44	1.98	45.60	2.02
	14	34.77	1.82	36.93	1.88	39.09	1.95	40.65	1.98	43.40	2.01	45.56	2.05
	20	34.74	1.84	36.90	1.91	39.06	1.98	40.61	2.00	43.37	2.04	45.53	2.08
	25	34.71	1.87	36.87	1.94	39.03	2.01	40.58	2.03	43.34	2.07	45.49	2.11
	30	34.69	1.90	36.84	1.97	39.00	2.04	40.55	2.06	43.31	2.10	45.46	2.14
	35	34.66	1.92	36.81	1.99	38.97	2.07	40.52	2.09	43.27	2.13	45.43	2.17
	40	34.64	1.95	36.79	2.02	38.94	2.09	40.49	2.12	43.24	2.16	45.39	2.20
	45	34.61	1.97	36.76	2.05	38.91	2.12	40.46	2.15	43.21	2.19	45.36	2.23
	50	34.58	2.00	36.73	2.07	38.88	2.15	40.43	2.17	43.17	2.22	45.32	2.26
	55	34.56	2.03	36.70	2.10	38.85	2.18	40.40	2.20	43.14	2.24	45.29	2.29
	60	34.53	2.05	36.67	2.13	38.82	2.21	40.37	2.23	43.11	2.27	45.25	2.32
	65	34.50	2.08	36.65	2.16	38.79	2.23	40.34	2.26	43.07	2.30	45.22	2.35
	70	34.48	2.11	36.62	2.18	38.76	2.26	40.30	2.29	43.04	2.33	45.18	2.38
	75	33.65	2.22	35.78	2.30	37.92	2.38	39.46	2.41	42.19	2.46	44.33	2.51
	80	32.82	2.33	34.95	2.42	37.08	2.51	38.62	2.53	41.34	2.58	43.47	2.63
	85	31.99	2.45	34.12	2.54	36.25	2.63	37.78	2.66	40.50	2.71	42.62	2.76
	90	31.17	2.56	33.29	2.65	35.41	2.75	36.94	2.78	39.65	2.83	41.77	2.89
	95	30.28	2.67	32.39	2.77	34.50	2.87	35.47	2.90	38.72	2.96	40.83	3.02
	100	29.92	2.79	32.06	2.89	34.20	2.99	35.31	3.03	38.48	3.09	40.62	3.15
33	105	29.57	2.90	31.74	3.01	33.90	3.12	35.16	3.15	38.24	3.21	40.41	3.28
	110	29.21	3.01	31.41	3.12	33.61	3.24	35.00	3.28	38.01	3.34	40.21	3.40
	115	28.85	3.13	31.08	3.24	33.31	3.36	34.85	3.40	37.77	3.46	40.00	3.53
	118	28.64	3.20	30.89	3.31	33.13	3.43	34.76	3.47	37.63	3.54	39.88	3.61
	122	28.57	3.29	30.82	3.41	33.07	3.53	34.73	3.57	37.58	3.64	39.83	3.71
	-4	35.91	1.78	38.14	1.84	40.37	1.91	41.98	1.93	44.83	1.97	47.06	2.01
	0	35.89	1.80	38.11	1.86	40.34	1.93	41.95	1.95	44.80	1.99	47.03	2.03
	5	35.86	1.82	38.08	1.89	40.31	1.96	41.92	1.98	44.76	2.02	46.99	2.06
	10	35.83	1.85	38.05	1.92	40.28	1.99	41.89	2.01	44.73	2.05	46.95	2.09
	14	35.80	1.88	38.03	1.95	40.25	2.02	41.85	2.04	44.70	2.08	46.92	2.12
	20	35.77	1.91	38.00	1.98	40.22	2.05	41.82	2.07	44.66	2.11	46.88	2.15
	25	35.75	1.93	37.97	2.00	40.19	2.08	41.79	2.10	44.63	2.14	46.85	2.18
	30	35.72	1.96	37.94	2.03	40.16	2.11	41.76	2.13	44.59	2.17	46.81	2.21
	35	35.69	1.99	37.91	2.06	40.13	2.13	41.73	2.16	44.56	2.20	46.78	2.24
	40	35.67	2.01	37.88	2.09	40.10	2.16	41.69	2.19	44.53	2.23	46.74	2.27
	45	35.64	2.04	37.85	2.11	40.06	2.19	41.66	2.22	44.49	2.26	46.70	2.30
	50	35.61	2.07	37.82	2.14	40.03	2.22	41.63	2.25	44.46	2.29	46.67	2.33
	55	35.58	2.09	37.79	2.17	40.00	2.25	41.60	2.28	44.42	2.32	46.63	2.37
	60	35.56	2.12	37.76	2.20	39.97	2.28	41.57	2.31	44.39	2.35	46.60	2.40
	65	35.53	2.15	37.74	2.23	39.94	2.31	41.54	2.33	44.35	2.38	46.56	2.43
	70	35.50	2.18	37.71	2.25	39.91	2.34	41.50	2.36	44.32	2.41	46.53	2.46
	75	34.65	2.29	36.85	2.38	39.05	2.46	40.63	2.49	43.44	2.54	45.64	2.59
	80	33.79	2.41	35.99	2.50	38.18	2.59	39.77	2.62	42.57	2.67	44.76	2.72
	85	32.95	2.53	35.13	2.62	37.32	2.72	38.90	2.75	41.70	2.80	43.89	2.85
	90	32.10	2.64	34.28	2.74	36.47	2.84	38.04	2.87	40.83	2.93	43.01	2.99
	95	31.18	2.76	33.35	2.86	35.52	2.97	36.52	3.00	39.87	3.06	42.04	3.12
	100	30.81	2.88	33.02	2.98	35.22	3.09	36.36	3.13	39.63	3.19	41.83	3.25
	105	30.45	3.00	32.68	3.11	34.91	3.22	36.20	3.26	39.38	3.32	41.62	3.38
	110	30.08	3.11	32.34	3.23	34.61	3.35	36.05	3.38	39.14	3.45	41.40	3.52
	115	29.71	3.23	32.01	3.35	34.30	3.47	35.89	3.51	38.90	3.58	41.19	3.65
	118	29.49	3.30	31.81	3.42	34.12	3.55	35.79	3.59	38.75	3.66	41.06	3.73
	122	29.42	3.40	31.74	3.52	34.06	3.65	35.76	3.69	38.70	3.76	41.02	3.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 117: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	36.94	1.83	39.24	1.90	41.53	1.97	43.19	1.99	46.12	2.03	48.41	2.07
	0	36.92	1.85	39.22	1.92	41.51	1.99	43.16	2.01	46.09	2.05	48.39	2.09
	5	36.89	1.88	39.18	1.95	41.47	2.02	43.13	2.05	46.06	2.09	48.35	2.13
	10	36.86	1.91	39.15	1.98	41.44	2.05	43.10	2.08	46.02	2.12	48.31	2.16
	14	36.84	1.94	39.12	2.01	41.41	2.08	43.06	2.11	45.99	2.15	48.27	2.19
	20	36.81	1.97	39.09	2.04	41.38	2.11	43.03	2.14	45.95	2.18	48.24	2.22
	25	36.78	2.00	39.06	2.07	41.35	2.14	43.00	2.17	45.92	2.21	48.20	2.25
	30	36.75	2.02	39.03	2.10	41.32	2.17	42.96	2.20	45.88	2.24	48.16	2.28
	35	36.72	2.05	39.00	2.13	41.28	2.20	42.93	2.23	45.85	2.27	48.13	2.32
	40	36.70	2.08	38.97	2.15	41.25	2.23	42.90	2.26	45.81	2.30	48.09	2.35
	45	36.67	2.11	38.94	2.18	41.22	2.26	42.87	2.29	45.78	2.33	48.05	2.38
	50	36.64	2.13	38.91	2.21	41.19	2.29	42.83	2.32	45.74	2.36	48.02	2.41
	55	36.61	2.16	38.88	2.24	41.16	2.32	42.80	2.35	45.71	2.39	47.98	2.44
	60	36.58	2.19	38.85	2.27	41.13	2.35	42.77	2.38	45.67	2.42	47.94	2.47
	65	36.55	2.22	38.83	2.30	41.10	2.38	42.73	2.41	45.64	2.46	47.91	2.51
	70	36.53	2.25	38.80	2.33	41.06	2.41	42.70	2.44	45.60	2.49	47.87	2.54
	75	35.65	2.37	37.91	2.45	40.17	2.54	41.81	2.57	44.70	2.62	46.96	2.67
	80	34.77	2.49	37.03	2.58	39.28	2.67	40.91	2.70	43.80	2.75	46.06	2.81
	85	33.90	2.61	36.15	2.70	38.40	2.80	40.03	2.84	42.90	2.89	45.16	2.95
	90	33.03	2.73	35.27	2.83	37.52	2.93	39.14	2.97	42.01	3.02	44.26	3.08
	95	32.08	2.85	34.32	2.96	36.55	3.06	37.58	3.10	41.02	3.16	43.26	3.22
	100	31.70	2.97	33.97	3.08	36.24	3.19	37.41	3.23	40.77	3.29	43.04	3.36
	105	31.33	3.09	33.62	3.21	35.92	3.32	37.25	3.36	40.52	3.43	42.82	3.49
	110	30.95	3.22	33.28	3.33	35.61	3.45	37.09	3.49	40.27	3.56	42.60	3.63
35	115	30.57	3.34	32.93	3.46	35.29	3.58	36.92	3.63	40.02	3.69	42.38	3.77
	118	30.34	3.41	32.73	3.53	35.10	3.66	36.82	3.70	39.87	3.77	42.25	3.85
	122	30.27	3.51	32.66	3.63	35.04	3.77	36.79	3.81	39.82	3.88	42.20	3.96
	-4	37.98	1.89	40.34	1.96	42.70	2.03	44.40	2.06	47.41	2.09	49.77	2.14
	0	37.96	1.91	40.32	1.98	42.67	2.05	44.38	2.08	47.39	2.12	49.75	2.16
	5	37.93	1.94	40.28	2.01	42.64	2.09	44.34	2.11	47.35	2.15	49.70	2.19
	10	37.90	1.97	40.25	2.04	42.61	2.12	44.31	2.14	47.31	2.18	49.67	2.23
	14	37.87	2.00	40.22	2.07	42.57	2.15	44.27	2.17	47.28	2.22	49.63	2.26
	20	37.84	2.03	40.19	2.10	42.54	2.18	44.24	2.21	47.24	2.25	49.59	2.29
	25	37.81	2.06	40.16	2.13	42.51	2.21	44.20	2.24	47.21	2.28	49.55	2.32
	30	37.78	2.09	40.13	2.16	42.48	2.24	44.17	2.27	47.17	2.31	49.52	2.36
	35	37.75	2.12	40.10	2.19	42.44	2.27	44.14	2.30	47.13	2.34	49.48	2.39
	40	37.73	2.14	40.07	2.22	42.41	2.30	44.10	2.33	47.10	2.37	49.44	2.42
	45	37.70	2.17	40.04	2.25	42.38	2.33	44.07	2.36	47.06	2.41	49.40	2.45
	50	37.67	2.20	40.01	2.28	42.35	2.37	44.04	2.39	47.02	2.44	49.36	2.49
	55	37.64	2.23	39.98	2.31	42.31	2.40	44.00	2.42	46.99	2.47	49.33	2.52
	60	37.61	2.26	39.95	2.34	42.28	2.43	43.97	2.46	46.95	2.50	49.29	2.55
	65	37.58	2.29	39.91	2.37	42.25	2.46	43.93	2.49	46.92	2.53	49.25	2.58
	70	37.55	2.32	39.88	2.40	42.22	2.49	43.90	2.52	46.88	2.57	49.21	2.62
	75	36.65	2.44	38.97	2.53	41.30	2.62	42.98	2.65	45.95	2.70	48.28	2.76
	80	35.74	2.57	38.07	2.66	40.39	2.76	42.06	2.79	45.03	2.84	47.35	2.90
	85	34.85	2.69	37.16	2.79	39.48	2.89	41.15	2.93	44.11	2.98	46.42	3.04
	90	33.95	2.82	36.26	2.92	38.57	3.03	40.24	3.06	43.19	3.12	45.50	3.18
	95	32.98	2.94	35.28	3.05	37.58	3.16	38.63	3.20	42.17	3.26	44.47	3.32
	100	32.59	3.07	34.92	3.18	37.25	3.30	38.46	3.33	41.91	3.40	44.24	3.46
	105	32.20	3.19	34.57	3.31	36.93	3.43	38.30	3.47	41.66	3.53	44.02	3.61
	110	31.82	3.32	34.21	3.44	36.61	3.56	38.13	3.60	41.40	3.67	43.79	3.75
	115	31.43	3.44	33.86	3.57	36.28	3.70	37.96	3.74	41.14	3.81	43.57	3.89
	118	31.19	3.52	33.64	3.65	36.09	3.78	37.86	3.82	40.99	3.89	43.43	3.97
	122	31.12	3.62	33.57	3.75	36.02	3.89	37.82	3.93	40.94	4.00	43.39	4.09

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 118: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	39.02	1.95	41.44	2.02	43.86	2.10	45.61	2.12	48.71	2.16	51.13	2.20
	0	39.00	1.97	41.42	2.04	43.84	2.12	45.59	2.14	48.68	2.18	51.10	2.23
	5	38.96	2.00	41.38	2.08	43.80	2.15	45.55	2.18	48.64	2.22	51.06	2.26
	10	38.93	2.03	41.35	2.11	43.77	2.19	45.52	2.21	48.61	2.25	51.02	2.30
	14	38.90	2.06	41.32	2.14	43.74	2.22	45.48	2.24	48.57	2.28	50.98	2.33
	20	38.87	2.09	41.29	2.17	43.70	2.25	45.45	2.27	48.53	2.32	50.95	2.36
	25	38.84	2.12	41.26	2.20	43.67	2.28	45.41	2.31	48.49	2.35	50.91	2.40
	30	38.81	2.15	41.23	2.23	43.64	2.31	45.38	2.34	48.46	2.38	50.87	2.43
	35	38.79	2.18	41.19	2.26	43.60	2.34	45.34	2.37	48.42	2.42	50.83	2.46
	40	38.76	2.21	41.16	2.29	43.57	2.38	45.31	2.40	48.38	2.45	50.79	2.50
	45	38.73	2.24	41.13	2.32	43.54	2.41	45.27	2.44	48.35	2.48	50.75	2.53
	50	38.70	2.27	41.10	2.35	43.50	2.44	45.24	2.47	48.31	2.51	50.71	2.56
	55	38.67	2.30	41.07	2.38	43.47	2.47	45.20	2.50	48.27	2.55	50.67	2.60
	60	38.64	2.33	41.04	2.42	43.44	2.50	45.17	2.53	48.23	2.58	50.63	2.63
	65	38.61	2.36	41.00	2.45	43.40	2.54	45.13	2.56	48.20	2.61	50.60	2.67
	70	38.58	2.39	40.97	2.48	43.37	2.57	45.10	2.60	48.16	2.65	50.56	2.70
	75	37.65	2.52	40.04	2.61	42.43	2.71	44.15	2.74	47.21	2.79	49.60	2.84
	80	36.72	2.65	39.10	2.74	41.49	2.84	43.21	2.88	46.26	2.93	48.64	2.99
	85	35.80	2.78	38.18	2.88	40.56	2.98	42.27	3.02	45.31	3.07	47.69	3.14
	90	34.88	2.91	37.25	3.01	39.62	3.12	41.34	3.16	44.37	3.22	46.74	3.28
	95	33.88	3.03	36.24	3.15	38.60	3.26	39.69	3.30	43.32	3.36	45.68	3.43
	100	33.48	3.16	35.88	3.28	38.27	3.40	39.51	3.44	43.06	3.50	45.45	3.57
	105	33.08	3.29	35.51	3.41	37.94	3.54	39.34	3.58	42.79	3.64	45.22	3.72
	110	32.68	3.42	35.15	3.55	37.61	3.68	39.17	3.72	42.53	3.79	44.99	3.86
	115	32.29	3.55	34.78	3.68	37.27	3.81	39.00	3.86	42.27	3.93	44.76	4.01
	118	32.05	3.63	34.56	3.76	37.07	3.90	38.89	3.94	42.11	4.02	44.62	4.10
	122	31.97	3.73	34.49	3.87	37.01	4.01	38.86	4.05	42.05	4.13	44.57	4.21
37	-4	40.05	2.01	42.54	2.09	45.03	2.16	46.83	2.19	50.00	2.23	52.49	2.28
	0	40.03	2.04	42.52	2.11	45.00	2.19	46.80	2.21	49.98	2.25	52.46	2.30
	5	40.00	2.07	42.48	2.15	44.97	2.22	46.76	2.25	49.94	2.29	52.42	2.34
	10	39.97	2.10	42.45	2.18	44.93	2.26	46.73	2.28	49.90	2.33	52.38	2.37
	14	39.94	2.13	42.42	2.21	44.90	2.29	46.69	2.32	49.86	2.36	52.34	2.41
	20	39.91	2.16	42.39	2.24	44.86	2.32	46.65	2.35	49.82	2.39	52.30	2.44
	25	39.88	2.19	42.35	2.27	44.83	2.36	46.62	2.38	49.78	2.43	52.26	2.48
	30	39.85	2.22	42.32	2.30	44.80	2.39	46.58	2.42	49.74	2.46	52.22	2.51
	35	39.82	2.25	42.29	2.34	44.76	2.42	46.55	2.45	49.71	2.49	52.18	2.54
	40	39.79	2.28	42.26	2.37	44.73	2.45	46.51	2.48	49.67	2.53	52.14	2.58
	45	39.76	2.31	42.22	2.40	44.69	2.49	46.48	2.52	49.63	2.56	52.10	2.61
	50	39.72	2.35	42.19	2.43	44.66	2.52	46.44	2.55	49.59	2.60	52.06	2.65
	55	39.69	2.38	42.16	2.46	44.62	2.55	46.40	2.58	49.55	2.63	52.02	2.68
	60	39.66	2.41	42.13	2.49	44.59	2.59	46.37	2.62	49.52	2.66	51.98	2.72
	65	39.63	2.44	42.09	2.53	44.56	2.62	46.33	2.65	49.48	2.70	51.94	2.75
	70	39.60	2.47	42.06	2.56	44.52	2.65	46.30	2.68	49.44	2.73	51.90	2.79
	75	38.65	2.60	41.10	2.70	43.56	2.79	45.33	2.83	48.46	2.88	50.92	2.94
	80	37.70	2.73	40.14	2.83	42.59	2.94	44.36	2.97	47.49	3.03	49.93	3.09
	85	36.75	2.87	39.19	2.97	41.63	3.08	43.40	3.12	46.52	3.17	48.96	3.24
	90	35.81	3.00	38.24	3.11	40.68	3.22	42.44	3.26	45.55	3.32	47.98	3.39
	95	34.78	3.13	37.21	3.25	39.63	3.37	40.74	3.40	44.48	3.47	46.90	3.54
	100	34.37	3.27	36.83	3.39	39.29	3.51	40.56	3.55	44.20	3.62	46.66	3.69
	105	33.96	3.40	36.46	3.52	38.95	3.65	40.39	3.69	43.93	3.76	46.42	3.84
	110	33.55	3.53	36.08	3.66	38.61	3.80	40.21	3.84	43.66	3.91	46.18	3.99
	115	33.14	3.67	35.71	3.80	38.26	3.94	40.03	3.98	43.39	4.06	45.95	4.14
	118	32.90	3.75	35.48	3.88	38.06	4.02	39.93	4.07	43.23	4.15	45.80	4.23
	122	32.82	3.85	35.41	3.99	37.99	4.14	39.89	4.19	43.17	4.26	45.76	4.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 119: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	41.09	2.08	43.64	2.16	46.19	2.23	48.04	2.26	51.30	2.30	53.85	2.35
	0	41.07	2.10	43.62	2.18	46.17	2.26	48.01	2.28	51.27	2.33	53.82	2.37
	5	41.03	2.14	43.58	2.21	46.13	2.30	47.97	2.32	51.23	2.37	53.78	2.41
	10	41.00	2.17	43.55	2.25	46.10	2.33	47.94	2.36	51.19	2.40	53.74	2.45
	14	40.97	2.20	43.52	2.28	46.06	2.36	47.90	2.39	51.15	2.44	53.69	2.48
	20	40.94	2.23	43.48	2.31	46.03	2.40	47.86	2.42	51.11	2.47	53.65	2.52
	25	40.91	2.26	43.45	2.35	45.99	2.43	47.83	2.46	51.07	2.51	53.61	2.56
	30	40.88	2.29	43.42	2.38	45.96	2.47	47.79	2.49	51.03	2.54	53.57	2.59
	35	40.85	2.33	43.38	2.41	45.92	2.50	47.75	2.53	50.99	2.58	53.53	2.63
	40	40.82	2.36	43.35	2.44	45.89	2.53	47.72	2.56	50.95	2.61	53.49	2.66
	45	40.78	2.39	43.32	2.48	45.85	2.57	47.68	2.60	50.92	2.65	53.45	2.70
	50	40.75	2.42	43.28	2.51	45.81	2.60	47.64	2.63	50.88	2.68	53.41	2.73
	55	40.72	2.45	43.25	2.54	45.78	2.63	47.61	2.67	50.84	2.72	53.37	2.77
	60	40.69	2.48	43.22	2.57	45.74	2.67	47.57	2.70	50.80	2.75	53.33	2.81
	65	40.66	2.52	43.18	2.61	45.71	2.70	47.53	2.73	50.76	2.79	53.28	2.84
	70	40.63	2.55	43.15	2.64	45.67	2.74	47.50	2.77	50.72	2.82	53.24	2.88
	75	39.65	2.68	42.17	2.78	44.68	2.88	46.50	2.92	49.72	2.97	52.24	3.03
	80	38.67	2.82	41.18	2.93	43.69	3.03	45.51	3.07	48.72	3.12	51.23	3.19
	85	37.70	2.96	40.21	3.07	42.71	3.18	44.52	3.22	47.72	3.28	50.23	3.34
	90	36.73	3.10	39.23	3.21	41.73	3.33	43.54	3.37	46.73	3.43	49.23	3.50
	95	35.68	3.23	38.17	3.35	40.65	3.48	41.80	3.52	45.63	3.58	48.11	3.65
	100	35.26	3.37	37.78	3.50	40.30	3.62	41.61	3.66	45.35	3.73	47.87	3.81
	105	34.84	3.51	37.40	3.64	39.95	3.77	41.43	3.81	45.07	3.89	47.62	3.96
	110	34.42	3.65	37.01	3.78	39.60	3.92	41.25	3.96	44.79	4.04	47.38	4.12
	115	34.00	3.78	36.63	3.92	39.26	4.07	41.07	4.11	44.51	4.19	47.14	4.27
	118	33.75	3.87	36.40	4.01	39.05	4.15	40.96	4.20	44.34	4.28	46.99	4.37
	122	33.67	3.98	36.32	4.12	38.98	4.27	40.92	4.32	44.29	4.40	46.94	4.49
39	-4	42.13	2.15	44.74	2.22	47.36	2.31	49.25	2.33	52.59	2.38	55.21	2.42
	0	42.10	2.17	44.72	2.25	47.33	2.33	49.22	2.36	52.56	2.40	55.18	2.45
	5	42.07	2.20	44.68	2.28	47.30	2.37	49.18	2.40	52.52	2.44	55.13	2.49
	10	42.04	2.24	44.65	2.32	47.26	2.40	49.14	2.43	52.48	2.48	55.09	2.53
	14	42.01	2.27	44.61	2.35	47.22	2.44	49.11	2.47	52.44	2.51	55.05	2.56
	20	41.97	2.30	44.58	2.39	47.19	2.47	49.07	2.50	52.40	2.55	55.01	2.60
	25	41.94	2.33	44.55	2.42	47.15	2.51	49.03	2.54	52.36	2.58	54.97	2.64
	30	41.91	2.37	44.51	2.45	47.12	2.54	48.99	2.57	52.32	2.62	54.92	2.67
	35	41.88	2.40	44.48	2.49	47.08	2.58	48.96	2.61	52.28	2.66	54.88	2.71
	40	41.85	2.43	44.44	2.52	47.04	2.61	48.92	2.64	52.24	2.69	54.84	2.75
	45	41.81	2.47	44.41	2.56	47.01	2.65	48.88	2.68	52.20	2.73	54.80	2.78
	50	41.78	2.50	44.38	2.59	46.97	2.68	48.85	2.71	52.16	2.77	54.76	2.82
	55	41.75	2.53	44.34	2.62	46.94	2.72	48.81	2.75	52.12	2.80	54.71	2.86
	60	41.72	2.56	44.31	2.66	46.90	2.75	48.77	2.79	52.08	2.84	54.67	2.89
	65	41.69	2.60	44.27	2.69	46.86	2.79	48.73	2.82	52.04	2.87	54.63	2.93
	70	41.65	2.63	44.24	2.72	46.83	2.82	48.70	2.86	52.00	2.91	54.59	2.97
	75	40.65	2.77	43.23	2.87	45.81	2.98	47.68	3.01	50.97	3.07	53.55	3.13
	80	39.65	2.91	42.22	3.02	44.80	3.13	46.66	3.16	49.95	3.22	52.52	3.29
	85	38.66	3.05	41.22	3.17	43.79	3.28	45.65	3.32	48.93	3.38	51.49	3.45
	90	37.66	3.20	40.22	3.31	42.78	3.43	44.63	3.47	47.91	3.54	50.47	3.61
	95	36.58	3.34	39.13	3.46	41.68	3.59	42.85	3.63	46.78	3.69	49.33	3.77
	100	36.15	3.48	38.74	3.61	41.32	3.74	42.66	3.78	46.49	3.85	49.08	3.93
	105	35.72	3.62	38.34	3.75	40.96	3.89	42.48	3.93	46.21	4.01	48.83	4.09
	110	35.29	3.76	37.95	3.90	40.60	4.04	42.29	4.09	45.92	4.17	48.58	4.25
	115	34.86	3.90	37.55	4.05	40.25	4.19	42.10	4.24	45.64	4.32	48.33	4.41
	118	34.60	3.99	37.32	4.14	40.03	4.29	41.99	4.34	45.46	4.42	48.18	4.51
	122	34.52	4.10	37.24	4.25	39.96	4.41	41.96	4.46	45.41	4.54	48.13	4.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 120: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	43.16	2.21	45.85	2.29	48.53	2.38	50.46	2.40	53.89	2.45	56.57	2.50
	0	43.14	2.24	45.82	2.32	48.50	2.40	50.43	2.43	53.86	2.48	56.54	2.53
	5	43.11	2.27	45.78	2.36	48.46	2.44	50.39	2.47	53.81	2.52	56.49	2.57
	10	43.07	2.31	45.75	2.39	48.42	2.48	50.35	2.51	53.77	2.55	56.45	2.61
	14	43.04	2.34	45.71	2.43	48.39	2.51	50.32	2.54	53.73	2.59	56.40	2.64
	20	43.01	2.37	45.68	2.46	48.35	2.55	50.28	2.58	53.69	2.63	56.36	2.68
	25	42.97	2.41	45.64	2.50	48.31	2.59	50.24	2.62	53.65	2.67	56.32	2.72
	30	42.94	2.44	45.61	2.53	48.27	2.62	50.20	2.65	53.61	2.70	56.28	2.76
	35	42.91	2.47	45.57	2.57	48.24	2.66	50.16	2.69	53.57	2.74	56.23	2.79
	40	42.88	2.51	45.54	2.60	48.20	2.69	50.12	2.73	53.53	2.78	56.19	2.83
	45	42.84	2.54	45.50	2.63	48.16	2.73	50.09	2.76	53.49	2.81	56.15	2.87
	50	42.81	2.58	45.47	2.67	48.13	2.77	50.05	2.80	53.44	2.85	56.10	2.91
	55	42.78	2.61	45.43	2.70	48.09	2.80	50.01	2.84	53.40	2.89	56.06	2.95
	60	42.74	2.64	45.40	2.74	48.05	2.84	49.97	2.87	53.36	2.93	56.02	2.98
	65	42.71	2.68	45.36	2.77	48.02	2.88	49.93	2.91	53.32	2.96	55.97	3.02
	70	42.68	2.71	45.33	2.81	47.98	2.91	49.89	2.95	53.28	3.00	55.93	3.06
	75	41.65	2.86	44.30	2.96	46.94	3.07	48.85	3.10	52.23	3.16	54.87	3.23
	80	40.62	3.00	43.26	3.11	45.90	3.23	47.80	3.26	51.17	3.32	53.81	3.39
	85	39.61	3.15	42.24	3.26	44.87	3.38	46.77	3.42	50.13	3.49	52.76	3.56
	90	38.59	3.30	41.21	3.42	43.84	3.54	45.73	3.58	49.09	3.65	51.71	3.72
	95	37.48	3.44	40.10	3.57	42.71	3.70	43.90	3.74	47.93	3.81	50.54	3.89
	100	37.04	3.59	39.69	3.72	42.34	3.85	43.71	3.90	47.64	3.97	50.28	4.05
	105	36.60	3.73	39.29	3.87	41.97	4.01	43.52	4.06	47.34	4.13	50.03	4.22
	110	36.16	3.88	38.88	4.02	41.60	4.17	43.33	4.22	47.05	4.30	49.77	4.38
	115	35.72	4.03	38.48	4.17	41.24	4.33	43.14	4.38	46.76	4.46	49.52	4.55
	118	35.45	4.11	38.24	4.26	41.02	4.42	43.03	4.47	46.58	4.55	49.36	4.65
	122	35.36	4.23	38.16	4.39	40.94	4.55	42.99	4.60	46.52	4.68	49.31	4.78
41	-4	44.20	2.28	46.95	2.36	49.69	2.45	51.67	2.48	55.18	2.52	57.93	2.58
	0	44.18	2.31	46.92	2.39	49.66	2.48	51.65	2.51	55.15	2.55	57.90	2.60
	5	44.14	2.34	46.88	2.43	49.62	2.52	51.60	2.55	55.11	2.59	57.85	2.65
	10	44.11	2.38	46.85	2.46	49.59	2.55	51.56	2.58	55.06	2.63	57.80	2.68
	14	44.07	2.41	46.81	2.50	49.55	2.59	51.52	2.62	55.02	2.67	57.76	2.72
	20	44.04	2.45	46.78	2.54	49.51	2.63	51.49	2.66	54.98	2.71	57.72	2.76
	25	44.01	2.48	46.74	2.57	49.47	2.67	51.45	2.70	54.94	2.75	57.67	2.80
	30	43.97	2.52	46.70	2.61	49.43	2.70	51.41	2.73	54.90	2.79	57.63	2.84
	35	43.94	2.55	46.67	2.64	49.40	2.74	51.37	2.77	54.85	2.82	57.58	2.88
	40	43.91	2.59	46.63	2.68	49.36	2.78	51.33	2.81	54.81	2.86	57.54	2.92
	45	43.87	2.62	46.60	2.72	49.32	2.81	51.29	2.85	54.77	2.90	57.50	2.96
	50	43.84	2.65	46.56	2.75	49.28	2.85	51.25	2.88	54.73	2.94	57.45	3.00
	55	43.80	2.69	46.53	2.79	49.25	2.89	51.21	2.92	54.69	2.98	57.41	3.04
	60	43.77	2.72	46.49	2.82	49.21	2.93	51.17	2.96	54.64	3.02	57.36	3.08
	65	43.74	2.76	46.45	2.86	49.17	2.96	51.13	3.00	54.60	3.05	57.32	3.12
	70	43.70	2.79	46.42	2.90	49.13	3.00	51.09	3.04	54.56	3.09	57.27	3.15
	75	42.65	2.94	45.36	3.05	48.07	3.16	50.02	3.20	53.48	3.26	56.19	3.32
	80	41.60	3.09	44.30	3.21	47.00	3.32	48.95	3.36	52.40	3.43	55.10	3.49
	85	40.56	3.25	43.25	3.36	45.95	3.49	47.89	3.53	51.33	3.59	54.03	3.67
	90	39.52	3.40	42.20	3.52	44.89	3.65	46.83	3.69	50.27	3.76	52.95	3.84
	95	38.38	3.55	41.06	3.68	43.73	3.81	44.96	3.85	49.08	3.93	51.75	4.01
	100	37.93	3.70	40.64	3.83	43.36	3.97	44.76	4.02	48.78	4.09	51.49	4.18
	105	37.48	3.85	40.23	3.99	42.98	4.13	44.57	4.18	48.48	4.26	51.23	4.35
	110	37.03	4.00	39.82	4.14	42.60	4.30	44.37	4.35	48.18	4.43	50.97	4.52
	115	36.58	4.15	39.40	4.30	42.23	4.46	44.18	4.51	47.88	4.59	50.71	4.69
	118	36.30	4.24	39.16	4.39	42.00	4.56	44.06	4.61	47.70	4.69	50.55	4.79
	122	36.21	4.36	39.07	4.52	41.93	4.68	44.02	4.74	47.64	4.83	50.50	4.92

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 121: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	45.24	2.35	48.05	2.43	50.86	2.52	52.89	2.55	56.48	2.60	59.29	2.65
	0	45.21	2.37	48.02	2.46	50.83	2.55	52.86	2.58	56.45	2.63	59.25	2.68
	5	45.18	2.41	47.98	2.50	50.79	2.59	52.81	2.62	56.40	2.67	59.20	2.72
	10	45.14	2.45	47.95	2.54	50.75	2.63	52.77	2.66	56.36	2.71	59.16	2.77
	14	45.11	2.48	47.91	2.57	50.71	2.67	52.73	2.70	56.31	2.75	59.11	2.81
	20	45.07	2.52	47.87	2.61	50.67	2.71	52.69	2.74	56.27	2.79	59.07	2.85
	25	45.04	2.56	47.84	2.65	50.63	2.75	52.65	2.78	56.23	2.83	59.02	2.89
	30	45.00	2.59	47.80	2.69	50.59	2.78	52.61	2.82	56.18	2.87	58.98	2.93
	35	44.97	2.63	47.76	2.72	50.56	2.82	52.57	2.85	56.14	2.91	58.93	2.97
	40	44.94	2.66	47.73	2.76	50.52	2.86	52.53	2.89	56.10	2.95	58.89	3.01
	45	44.90	2.70	47.69	2.80	50.48	2.90	52.49	2.93	56.06	2.99	58.84	3.05
	50	44.87	2.73	47.65	2.83	50.44	2.94	52.45	2.97	56.01	3.03	58.80	3.09
	55	44.83	2.77	47.62	2.87	50.40	2.98	52.41	3.01	55.97	3.07	58.75	3.13
	60	44.80	2.81	47.58	2.91	50.36	3.01	52.37	3.05	55.93	3.11	58.71	3.17
	65	44.76	2.84	47.54	2.94	50.32	3.05	52.33	3.09	55.88	3.15	58.66	3.21
	70	44.73	2.88	47.51	2.98	50.28	3.09	52.29	3.13	55.84	3.18	58.62	3.25
	75	43.65	3.03	46.42	3.14	49.19	3.26	51.20	3.29	54.74	3.36	57.51	3.42
	80	42.58	3.19	45.34	3.30	48.10	3.42	50.10	3.46	53.63	3.53	56.40	3.60
	85	41.51	3.34	44.27	3.46	47.02	3.59	49.02	3.63	52.54	3.70	55.30	3.77
	90	40.44	3.50	43.19	3.63	45.94	3.76	47.93	3.80	51.44	3.87	54.20	3.95
	95	39.28	3.65	42.02	3.79	44.76	3.92	46.01	3.97	50.23	4.04	52.97	4.13
	100	38.82	3.81	41.60	3.95	44.37	4.09	45.81	4.14	49.93	4.22	52.70	4.30
	105	38.36	3.96	41.17	4.11	43.99	4.26	45.61	4.31	49.62	4.39	52.43	4.48
	110	37.90	4.12	40.75	4.27	43.60	4.42	45.41	4.48	49.31	4.56	52.16	4.65
	115	37.43	4.27	40.33	4.43	43.22	4.59	45.21	4.64	49.01	4.73	51.89	4.83
	118	37.16	4.37	40.07	4.53	42.99	4.69	45.09	4.75	48.82	4.83	51.73	4.93
	122	37.06	4.49	39.99	4.65	42.91	4.82	45.05	4.88	48.76	4.97	51.68	5.07
43	-4	46.28	2.41	49.15	2.50	52.02	2.59	54.10	2.62	57.77	2.67	60.64	2.73
	0	46.25	2.44	49.12	2.53	51.99	2.62	54.07	2.65	57.74	2.70	60.61	2.76
	5	46.21	2.48	49.08	2.57	51.95	2.66	54.02	2.69	57.69	2.75	60.56	2.80
	10	46.18	2.52	49.04	2.61	51.91	2.70	53.98	2.73	57.65	2.79	60.52	2.84
	14	46.14	2.55	49.01	2.65	51.87	2.74	53.94	2.77	57.60	2.83	60.47	2.88
	20	46.11	2.59	48.97	2.68	51.83	2.78	53.90	2.81	57.56	2.87	60.42	2.92
	25	46.07	2.63	48.93	2.72	51.79	2.82	53.86	2.85	57.52	2.91	60.38	2.97
	30	46.04	2.66	48.90	2.76	51.75	2.86	53.82	2.89	57.47	2.95	60.33	3.01
	35	46.00	2.70	48.86	2.80	51.71	2.90	53.78	2.93	57.43	2.99	60.29	3.05
	40	45.97	2.74	48.82	2.84	51.68	2.94	53.74	2.97	57.38	3.03	60.24	3.09
	45	45.93	2.77	48.78	2.87	51.64	2.98	53.70	3.01	57.34	3.07	60.19	3.13
	50	45.90	2.81	48.75	2.91	51.60	3.02	53.65	3.05	57.30	3.11	60.15	3.17
	55	45.86	2.85	48.71	2.95	51.56	3.06	53.61	3.09	57.25	3.15	60.10	3.21
	60	45.82	2.88	48.67	2.99	51.52	3.10	53.57	3.13	57.21	3.19	60.05	3.26
	65	45.79	2.92	48.63	3.03	51.48	3.14	53.53	3.17	57.16	3.23	60.01	3.30
	70	45.75	2.96	48.60	3.06	51.44	3.18	53.49	3.21	57.12	3.27	59.96	3.34
	75	44.65	3.12	47.49	3.23	50.32	3.35	52.37	3.39	55.99	3.45	58.83	3.52
	80	43.55	3.28	46.38	3.40	49.21	3.52	51.25	3.56	54.86	3.63	57.69	3.70
	85	42.46	3.44	45.28	3.56	48.10	3.69	50.14	3.73	53.74	3.80	56.56	3.88
	90	41.37	3.59	44.18	3.73	47.00	3.86	49.03	3.91	52.62	3.98	55.44	4.06
	95	40.19	3.75	42.99	3.89	45.78	4.03	47.07	4.08	51.38	4.16	54.18	4.24
	100	39.71	3.91	42.55	4.06	45.39	4.20	46.86	4.25	51.07	4.33	53.91	4.42
	105	39.24	4.07	42.12	4.22	45.00	4.38	46.66	4.43	50.76	4.51	53.63	4.60
	110	38.77	4.23	41.69	4.39	44.60	4.55	46.46	4.60	50.44	4.69	53.36	4.78
	115	38.29	4.39	41.25	4.55	44.21	4.72	46.25	4.77	50.13	4.86	53.08	4.96
	118	38.01	4.49	40.99	4.65	43.97	4.82	46.13	4.88	49.94	4.97	52.92	5.07
	122	37.91	4.62	40.91	4.78	43.89	4.96	46.09	5.02	49.88	5.11	52.40	5.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 122: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	47.31	2.48	50.25	2.57	53.19	2.66	55.31	2.69	59.07	2.74	62.00	2.80
	0	47.29	2.51	50.22	2.60	53.16	2.69	55.28	2.72	59.03	2.77	61.97	2.83
	5	47.25	2.55	50.18	2.64	53.12	2.74	55.24	2.77	58.98	2.82	61.92	2.88
	10	47.21	2.58	50.14	2.68	53.08	2.78	55.19	2.81	58.94	2.86	61.87	2.92
	14	47.18	2.62	50.11	2.72	53.04	2.82	55.15	2.85	58.89	2.90	61.82	2.96
	20	47.14	2.66	50.07	2.76	52.99	2.86	55.11	2.89	58.85	2.95	61.78	3.00
	25	47.10	2.70	50.03	2.80	52.95	2.90	55.07	2.93	58.81	2.99	61.73	3.05
	30	47.07	2.74	49.99	2.84	52.91	2.94	55.03	2.97	58.76	3.03	61.68	3.09
	35	47.03	2.77	49.95	2.87	52.87	2.98	54.98	3.01	58.72	3.07	61.64	3.13
	40	47.00	2.81	49.91	2.91	52.83	3.02	54.94	3.05	58.67	3.11	61.59	3.17
	45	46.96	2.85	49.88	2.95	52.79	3.06	54.90	3.10	58.63	3.15	61.54	3.22
	50	46.92	2.89	49.84	2.99	52.75	3.10	54.86	3.14	58.58	3.20	61.49	3.26
	55	46.89	2.92	49.80	3.03	52.71	3.14	54.81	3.18	58.54	3.24	61.45	3.30
	60	46.85	2.96	49.76	3.07	52.67	3.18	54.77	3.22	58.49	3.28	61.40	3.34
	65	46.82	3.00	49.72	3.11	52.63	3.22	54.73	3.26	58.45	3.32	61.35	3.39
	70	46.78	3.04	49.69	3.15	52.59	3.26	54.69	3.30	58.40	3.36	61.31	3.43
	75	45.65	3.20	48.55	3.32	51.45	3.44	53.54	3.48	57.25	3.54	60.14	3.61
	80	44.53	3.36	47.42	3.49	50.31	3.61	52.40	3.66	56.09	3.73	58.98	3.80
	85	43.41	3.53	46.30	3.66	49.18	3.79	51.26	3.83	54.95	3.91	57.83	3.99
	90	42.30	3.69	45.17	3.83	48.05	3.97	50.13	4.01	53.80	4.09	56.68	4.17
	95	41.09	3.86	43.95	4.00	46.81	4.14	48.12	4.19	52.54	4.27	55.40	4.36
	100	40.60	4.02	43.51	4.17	46.41	4.32	47.91	4.37	52.21	4.45	55.12	4.54
	105	40.12	4.18	43.06	4.34	46.00	4.50	47.71	4.55	51.89	4.63	54.84	4.73
	110	39.63	4.35	42.62	4.51	45.60	4.67	47.50	4.72	51.57	4.81	54.55	4.91
45	115	39.15	4.51	42.18	4.68	45.20	4.85	47.29	4.90	51.25	4.99	54.27	5.10
	118	38.86	4.61	41.91	4.78	44.96	4.95	47.16	5.01	51.06	5.10	53.64	5.17
	122	38.76	4.74	41.82	4.91	44.88	5.09	47.12	5.15	50.17	5.17	52.18	5.17
	-4	48.35	2.55	51.35	2.64	54.35	2.73	56.52	2.77	60.36	2.82	63.36	2.87
	0	48.32	2.57	51.32	2.67	54.33	2.76	56.49	2.80	60.33	2.85	63.33	2.91
	5	48.28	2.62	51.28	2.71	54.28	2.81	56.45	2.84	60.28	2.90	63.28	2.95
	10	48.25	2.65	51.24	2.75	54.24	2.85	56.40	2.88	60.23	2.94	63.23	3.00
	14	48.21	2.69	51.20	2.79	54.20	2.89	56.36	2.93	60.19	2.98	63.18	3.04
	20	48.17	2.73	51.16	2.83	54.16	2.93	56.32	2.97	60.14	3.02	63.13	3.08
	25	48.14	2.77	51.13	2.87	54.12	2.98	56.27	3.01	60.09	3.07	63.08	3.13
	30	48.10	2.81	51.09	2.91	54.07	3.02	56.23	3.05	60.05	3.11	63.04	3.17
	35	48.06	2.85	51.05	2.95	54.03	3.06	56.19	3.09	60.00	3.15	62.99	3.22
	40	48.03	2.89	51.01	2.99	53.99	3.10	56.15	3.14	59.96	3.20	62.94	3.26
	45	47.99	2.92	50.97	3.03	53.95	3.14	56.10	3.18	59.91	3.24	62.89	3.30
	50	47.95	2.96	50.93	3.07	53.91	3.18	56.06	3.22	59.86	3.28	62.84	3.35
	55	47.92	3.00	50.89	3.11	53.87	3.23	56.02	3.26	59.82	3.32	62.79	3.39
	60	47.88	3.04	50.85	3.15	53.83	3.27	55.97	3.30	59.77	3.37	62.75	3.43
	65	47.84	3.08	50.81	3.19	53.78	3.31	55.93	3.35	59.73	3.41	62.70	3.48
	70	47.81	3.12	50.77	3.23	53.74	3.35	55.89	3.39	59.68	3.45	62.65	3.52
	75	46.65	3.29	49.62	3.41	52.58	3.53	54.72	3.57	58.50	3.64	61.46	3.71
	80	45.50	3.45	48.46	3.58	51.41	3.71	53.55	3.75	57.32	3.82	60.28	3.90
	85	44.36	3.62	47.31	3.76	50.26	3.89	52.39	3.94	56.15	4.01	59.10	4.09
	90	43.22	3.79	46.16	3.93	49.10	4.07	51.23	4.12	54.98	4.20	57.92	4.28
	95	41.99	3.96	44.91	4.10	47.84	4.25	49.18	4.30	53.69	4.38	56.61	4.47
	100	41.49	4.13	44.46	4.28	47.42	4.43	48.96	4.49	53.36	4.57	56.32	4.66
	105	41.00	4.30	44.01	4.45	47.01	4.62	48.75	4.67	53.03	4.76	56.04	4.85
	110	40.50	4.46	43.55	4.63	46.60	4.80	48.54	4.85	52.70	4.94	55.75	5.04
	115	40.01	4.63	43.10	4.80	46.19	4.98	48.32	5.03	52.38	5.13	54.77	5.17
	118	39.71	4.73	42.83	4.91	45.94	5.08	48.20	5.14	51.43	5.17	53.38	5.17
	122	39.61	4.87	42.74	5.05	45.29	5.17	47.01	5.17	49.93	5.17	51.87	5.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 123: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	49.39	2.61	52.45	2.71	55.52	2.81	57.74	2.84	61.65	2.89	64.72	2.95
	0	49.36	2.64	52.42	2.74	55.49	2.84	57.70	2.87	61.62	2.92	64.69	2.98
	5	49.32	2.68	52.38	2.78	55.44	2.88	57.66	2.92	61.57	2.97	64.63	3.03
	10	49.28	2.72	52.34	2.82	55.40	2.93	57.61	2.96	61.52	3.02	64.58	3.08
	14	49.24	2.76	52.30	2.86	55.36	2.97	57.57	3.00	61.48	3.06	64.53	3.12
	20	49.21	2.80	52.26	2.91	55.32	3.01	57.52	3.05	61.43	3.10	64.49	3.17
	25	49.17	2.84	52.22	2.95	55.28	3.05	57.48	3.09	61.38	3.15	64.44	3.21
	30	49.13	2.88	52.18	2.99	55.23	3.10	57.44	3.13	61.34	3.19	64.39	3.26
	35	49.09	2.92	52.14	3.03	55.19	3.14	57.39	3.18	61.29	3.23	64.34	3.30
	40	49.06	2.96	52.10	3.07	55.15	3.18	57.35	3.22	61.24	3.28	64.29	3.34
	45	49.02	3.00	52.06	3.11	55.11	3.22	57.31	3.26	61.20	3.32	64.24	3.39
	50	48.98	3.04	52.02	3.15	55.06	3.27	57.26	3.30	61.15	3.37	64.19	3.43
	55	48.94	3.08	51.98	3.19	55.02	3.31	57.22	3.35	61.10	3.41	64.14	3.48
	60	48.91	3.12	51.94	3.23	54.98	3.35	57.17	3.39	61.05	3.45	64.09	3.52
	65	48.87	3.16	51.90	3.28	54.94	3.40	57.13	3.43	61.01	3.50	64.04	3.57
	70	48.83	3.20	51.86	3.32	54.90	3.44	57.09	3.48	60.96	3.54	63.99	3.61
	75	47.66	3.37	50.68	3.50	53.71	3.62	55.89	3.67	59.76	3.73	62.78	3.81
	80	46.48	3.55	49.50	3.67	52.52	3.81	54.70	3.85	58.55	3.92	61.57	4.00
	85	45.32	3.72	48.33	3.85	51.34	3.99	53.51	4.04	57.36	4.12	60.37	4.20
	90	44.15	3.89	47.15	4.03	50.16	4.18	52.33	4.23	56.16	4.31	59.16	4.39
	95	42.89	4.06	45.87	4.21	48.86	4.37	50.23	4.42	54.84	4.50	57.83	4.59
	100	42.38	4.24	45.41	4.39	48.44	4.55	50.01	4.60	54.50	4.69	57.53	4.78
	105	41.88	4.41	44.95	4.57	48.02	4.74	49.80	4.79	54.17	4.88	57.24	4.98
	110	41.37	4.58	44.49	4.75	47.60	4.92	49.58	4.98	53.83	5.07	56.89	5.17
	115	40.87	4.75	44.03	4.93	47.18	5.11	49.31	5.17	52.53	5.17	54.49	5.17
	118	40.56	4.86	43.75	5.03	46.44	5.17	48.16	5.17	51.17	5.17	53.14	5.17
	122	40.46	5.00	43.53	5.17	45.05	5.17	46.78	5.17	49.72	5.17	51.67	5.17
47	-4	50.42	2.68	53.55	2.78	56.69	2.88	58.95	2.91	62.95	2.97	66.08	3.03
	0	50.40	2.71	53.53	2.81	56.66	2.91	58.92	2.94	62.91	3.00	66.04	3.06
	5	50.35	2.75	53.48	2.85	56.61	2.96	58.87	2.99	62.86	3.05	65.99	3.11
	10	50.32	2.79	53.44	2.90	56.57	3.00	58.82	3.04	62.82	3.09	65.94	3.16
	14	50.28	2.83	53.40	2.94	56.52	3.05	58.78	3.08	62.77	3.14	65.89	3.20
	20	50.24	2.88	53.36	2.98	56.48	3.09	58.73	3.12	62.72	3.18	65.84	3.25
	25	50.20	2.92	53.32	3.02	56.44	3.13	58.69	3.17	62.67	3.23	65.79	3.29
	30	50.16	2.96	53.28	3.06	56.39	3.18	58.64	3.21	62.62	3.27	65.74	3.34
	35	50.12	3.00	53.24	3.11	56.35	3.22	58.60	3.26	62.58	3.32	65.69	3.39
	40	50.09	3.04	53.20	3.15	56.31	3.26	58.55	3.30	62.53	3.36	65.64	3.43
	45	50.05	3.08	53.16	3.19	56.26	3.31	58.51	3.35	62.48	3.41	65.59	3.48
	50	50.01	3.12	53.11	3.23	56.22	3.35	58.46	3.39	62.43	3.45	65.54	3.52
	55	49.97	3.16	53.07	3.28	56.18	3.40	58.42	3.43	62.38	3.50	65.49	3.57
	60	49.93	3.20	53.03	3.32	56.13	3.44	58.37	3.48	62.34	3.54	65.44	3.62
	65	49.89	3.24	52.99	3.36	56.09	3.48	58.33	3.52	62.29	3.59	65.39	3.66
	70	49.86	3.28	52.95	3.40	56.05	3.53	58.28	3.57	62.24	3.63	65.34	3.71
	75	48.66	3.46	51.74	3.59	54.83	3.72	57.06	3.76	61.01	3.83	64.10	3.91
	80	47.46	3.64	50.54	3.77	53.62	3.91	55.84	3.95	59.78	4.03	62.86	4.11
	85	46.27	3.81	49.34	3.95	52.41	4.10	54.63	4.14	58.56	4.22	61.63	4.31
	90	45.08	3.99	48.14	4.14	51.21	4.29	53.42	4.34	57.34	4.42	60.41	4.51
	95	43.79	4.17	46.84	4.32	49.89	4.48	51.29	4.53	55.99	4.61	59.04	4.71
	100	43.27	4.35	46.37	4.50	49.46	4.67	51.07	4.72	55.65	4.81	58.74	4.91
	105	42.76	4.52	45.89	4.69	49.03	4.86	50.84	4.91	55.31	5.01	58.44	5.11
	110	42.24	4.70	45.42	4.87	48.60	5.05	50.62	5.11	54.59	5.17	56.55	5.17
	115	41.72	4.88	44.95	5.05	47.48	5.17	49.12	5.17	52.24	5.17	54.22	5.17
	118	41.42	4.98	44.67	5.16	46.25	5.17	47.98	5.17	50.92	5.17	52.90	5.17
	122	41.31	5.12	43.35	5.17	44.84	5.17	46.57	5.17	49.51	5.17	51.38	5.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 124: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	51.46	2.75	54.66	2.85	57.85	2.95	60.16	2.99	64.24	3.04	67.44	3.10
	0	51.43	2.78	54.63	2.88	57.82	2.99	60.13	3.02	64.21	3.08	67.40	3.14
	5	51.39	2.82	54.58	2.93	57.77	3.03	60.08	3.07	64.16	3.13	67.35	3.19
	10	51.35	2.87	54.54	2.97	57.73	3.08	60.03	3.11	64.11	3.17	67.30	3.24
	14	51.31	2.91	54.50	3.01	57.68	3.12	59.99	3.16	64.06	3.22	67.24	3.28
	20	51.27	2.95	54.46	3.06	57.64	3.17	59.94	3.21	64.01	3.27	67.19	3.33
	25	51.23	2.99	54.42	3.10	57.60	3.21	59.89	3.25	63.96	3.31	67.14	3.38
	30	51.19	3.03	54.37	3.14	57.55	3.26	59.85	3.30	63.91	3.36	67.09	3.43
	35	51.16	3.07	54.33	3.19	57.51	3.30	59.80	3.34	63.86	3.40	67.04	3.47
	40	51.12	3.12	54.29	3.23	57.46	3.35	59.76	3.39	63.81	3.45	66.99	3.52
	45	51.08	3.16	54.25	3.27	57.42	3.39	59.71	3.43	63.77	3.50	66.94	3.57
	50	51.04	3.20	54.21	3.32	57.38	3.44	59.67	3.48	63.72	3.54	66.89	3.61
	55	51.00	3.24	54.17	3.36	57.33	3.48	59.62	3.52	63.67	3.59	66.83	3.66
	60	50.96	3.28	54.12	3.40	57.29	3.53	59.57	3.57	63.62	3.64	66.78	3.71
	65	50.92	3.33	54.08	3.45	57.24	3.57	59.53	3.61	63.57	3.68	66.73	3.76
	70	50.88	3.37	54.04	3.49	57.20	3.62	59.48	3.66	63.52	3.73	66.68	3.80
	75	49.66	3.55	52.81	3.68	55.96	3.81	58.24	3.86	62.27	3.93	65.42	4.01
	80	48.43	3.73	51.58	3.87	54.72	4.01	56.99	4.05	61.01	4.13	64.15	4.21
	85	47.22	3.91	50.36	4.05	53.49	4.20	55.76	4.25	59.77	4.33	62.90	4.42
	90	46.01	4.09	49.13	4.24	52.26	4.40	54.52	4.45	58.52	4.53	61.65	4.62
	95	44.69	4.28	47.80	4.43	50.91	4.59	52.34	4.65	57.14	4.73	60.25	4.83
	100	44.16	4.46	47.32	4.62	50.48	4.79	52.12	4.84	56.79	4.93	59.95	5.03
	105	43.64	4.64	46.84	4.81	50.04	4.98	51.89	5.04	56.44	5.14	58.79	5.17
	110	43.11	4.82	46.36	5.00	49.46	5.17	50.92	5.17	54.25	5.17	56.34	5.17
49	115	42.58	5.00	45.74	5.17	47.28	5.17	48.83	5.17	51.98	5.17	53.96	5.17
	118	42.27	5.11	44.43	5.17	46.01	5.17	47.74	5.17	50.68	5.17	52.68	5.17
	122	41.40	5.17	43.11	5.17	44.62	5.17	46.36	5.17	49.23	5.17	51.12	5.17
	-4	52.39	2.80	55.64	2.90	58.89	3.01	61.24	3.04	65.40	3.10	68.65	3.16
	0	52.36	2.83	55.61	2.93	58.86	3.04	61.21	3.07	65.37	3.13	68.62	3.20
	5	52.32	2.88	55.56	2.98	58.81	3.09	61.16	3.12	65.31	3.18	68.56	3.25
	10	52.28	2.92	55.52	3.02	58.77	3.14	61.11	3.17	65.26	3.23	68.51	3.30
	14	52.24	2.96	55.48	3.07	58.72	3.18	61.07	3.22	65.21	3.28	68.46	3.34
	20	52.20	3.00	55.44	3.11	58.68	3.23	61.02	3.26	65.16	3.32	68.40	3.39
	25	52.16	3.05	55.40	3.16	58.63	3.27	60.97	3.31	65.11	3.37	68.35	3.44
	30	52.12	3.09	55.35	3.20	58.59	3.32	60.93	3.36	65.06	3.42	68.30	3.49
	35	52.08	3.13	55.31	3.25	58.54	3.36	60.88	3.40	65.01	3.47	68.25	3.54
	40	52.04	3.17	55.27	3.29	58.50	3.41	60.83	3.45	64.96	3.51	68.20	3.58
	45	52.00	3.22	55.23	3.33	58.46	3.45	60.79	3.49	64.91	3.56	68.14	3.63
	50	51.96	3.26	55.18	3.38	58.41	3.50	60.74	3.54	64.86	3.61	68.09	3.68
	55	51.92	3.30	55.14	3.42	58.37	3.55	60.69	3.59	64.81	3.65	68.04	3.73
	60	51.88	3.34	55.10	3.47	58.32	3.59	60.65	3.63	64.76	3.70	67.99	3.78
	65	51.84	3.39	55.06	3.51	58.28	3.64	60.60	3.68	64.71	3.75	67.93	3.82
	70	51.80	3.43	55.01	3.55	58.23	3.68	60.55	3.73	64.67	3.80	67.88	3.87
	75	50.55	3.61	53.76	3.75	56.97	3.88	59.29	3.93	63.39	4.00	66.60	4.08
	80	49.30	3.80	52.51	3.94	55.71	4.08	58.02	4.13	62.11	4.21	65.31	4.29
	85	48.07	3.98	51.26	4.13	54.46	4.28	56.76	4.33	60.84	4.41	64.03	4.50
	90	46.83	4.17	50.02	4.32	53.20	4.48	55.50	4.53	59.57	4.61	62.76	4.71
	95	45.49	4.35	48.66	4.51	51.83	4.68	53.29	4.73	58.17	4.82	61.34	4.92
	100	44.96	4.54	48.17	4.70	51.39	4.88	53.05	4.93	57.82	5.02	61.03	5.13
	105	44.42	4.72	47.68	4.90	50.94	5.07	52.82	5.13	56.75	5.17	58.84	5.17
	110	43.89	4.91	47.19	5.09	49.48	5.17	50.96	5.17	54.31	5.17	56.32	5.17
	115	43.35	5.09	45.68	5.17	47.26	5.17	48.90	5.17	51.97	5.17	53.99	5.17
	118	42.74	5.17	44.47	5.17	46.00	5.17	47.65	5.17	50.70	5.17	52.63	5.17
	122	41.44	5.17	43.10	5.17	44.63	5.17	46.30	5.17	49.19	5.17	51.18	5.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 125: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-4	53.31	2.85	56.63	2.95	59.94	3.06	62.33	3.10	66.56	3.16	69.87	3.22
	0	53.29	2.88	56.59	2.99	59.90	3.10	62.29	3.13	66.52	3.19	69.83	3.25
	5	53.24	2.93	56.55	3.04	59.85	3.15	62.24	3.18	66.47	3.24	69.77	3.31
	10	53.20	2.97	56.50	3.08	59.81	3.19	62.20	3.23	66.42	3.29	69.72	3.36
	14	53.16	3.01	56.46	3.12	59.76	3.24	62.15	3.28	66.37	3.34	69.67	3.40
	20	53.12	3.06	56.42	3.17	59.72	3.29	62.10	3.32	66.32	3.39	69.61	3.45
	25	53.08	3.10	56.38	3.21	59.67	3.33	62.05	3.37	66.26	3.43	69.56	3.50
	30	53.04	3.14	56.33	3.26	59.63	3.38	62.01	3.42	66.21	3.48	69.51	3.55
	35	53.00	3.19	56.29	3.30	59.58	3.43	61.96	3.46	66.16	3.53	69.46	3.60
	40	52.96	3.23	56.25	3.35	59.54	3.47	61.91	3.51	66.11	3.58	69.40	3.65
	45	52.92	3.27	56.20	3.39	59.49	3.52	61.86	3.56	66.06	3.63	69.35	3.70
	50	52.88	3.32	56.16	3.44	59.44	3.56	61.82	3.61	66.01	3.67	69.30	3.75
	55	52.84	3.36	56.12	3.48	59.40	3.61	61.77	3.65	65.96	3.72	69.24	3.80
	60	52.80	3.40	56.07	3.53	59.35	3.66	61.72	3.70	65.91	3.77	69.19	3.85
	65	52.75	3.45	56.03	3.57	59.31	3.70	61.67	3.75	65.86	3.82	69.14	3.89
	70	52.71	3.49	55.99	3.62	59.26	3.75	61.63	3.79	65.81	3.87	69.08	3.94
	75	51.45	3.68	54.71	3.81	57.98	3.95	60.34	4.00	64.51	4.07	67.77	4.16
	80	50.18	3.87	53.43	4.01	56.69	4.16	59.05	4.20	63.21	4.28	66.47	4.37
	85	48.92	4.06	52.17	4.20	55.42	4.36	57.77	4.41	61.92	4.49	65.17	4.58
	90	47.66	4.24	50.90	4.40	54.15	4.56	56.49	4.61	60.63	4.70	63.87	4.79
	95	46.30	4.43	49.52	4.59	52.75	4.76	54.23	4.82	59.20	4.91	62.43	5.01
	100	45.75	4.62	49.02	4.79	52.29	4.96	53.99	5.02	58.84	5.12	61.46	5.17
51	105	45.21	4.81	48.53	4.99	51.79	5.17	53.09	5.17	56.78	5.17	58.77	5.17
	110	44.66	5.00	47.89	5.17	49.43	5.17	50.91	5.17	54.28	5.17	56.30	5.17
	115	43.91	5.17	45.63	5.17	47.23	5.17	48.80	5.17	51.96	5.17	53.91	5.17
	118	42.67	5.17	44.43	5.17	45.99	5.17	47.65	5.17	50.63	5.17	52.66	5.17
	122	41.40	5.17	43.08	5.17	44.57	5.17	46.33	5.17	49.22	5.17	51.07	5.17
	-4	54.24	2.90	57.61	3.01	60.98	3.12	63.41	3.15	67.72	3.21	71.08	3.28
	0	54.21	2.93	57.58	3.04	60.95	3.15	63.38	3.19	67.68	3.25	71.05	3.31
	5	54.17	2.98	57.53	3.09	60.90	3.20	63.32	3.24	67.62	3.30	70.99	3.37
	10	54.13	3.02	57.49	3.14	60.85	3.25	63.28	3.29	67.57	3.35	70.93	3.42
	14	54.08	3.07	57.44	3.18	60.80	3.30	63.23	3.34	67.52	3.40	70.88	3.47
	20	54.04	3.11	57.40	3.23	60.76	3.34	63.18	3.38	67.47	3.45	70.82	3.52
	25	54.00	3.16	57.36	3.27	60.71	3.39	63.13	3.43	67.42	3.50	70.77	3.57
	30	53.96	3.20	57.31	3.32	60.66	3.44	63.08	3.48	67.37	3.54	70.72	3.62
	35	53.92	3.25	57.27	3.36	60.62	3.49	63.04	3.53	67.31	3.59	70.66	3.67
	40	53.88	3.29	57.22	3.41	60.57	3.53	62.99	3.57	67.26	3.64	70.61	3.71
	45	53.84	3.33	57.18	3.46	60.52	3.58	62.94	3.62	67.21	3.69	70.55	3.76
	50	53.80	3.38	57.14	3.50	60.48	3.63	62.89	3.67	67.16	3.74	70.50	3.81
	55	53.75	3.42	57.09	3.55	60.43	3.68	62.84	3.72	67.11	3.79	70.45	3.86
	60	53.71	3.47	57.05	3.59	60.38	3.72	62.79	3.77	67.06	3.84	70.39	3.91
	65	53.67	3.51	57.01	3.64	60.34	3.77	62.75	3.81	67.01	3.89	70.34	3.96
	70	53.63	3.55	56.96	3.68	60.29	3.82	62.70	3.86	66.95	3.93	70.28	4.01
	75	52.34	3.75	55.66	3.88	58.99	4.02	61.38	4.07	65.63	4.15	68.95	4.23
	80	51.05	3.94	54.36	4.08	57.68	4.23	60.07	4.28	64.31	4.36	67.62	4.45
	85	49.77	4.13	53.08	4.28	56.38	4.44	58.77	4.49	62.99	4.57	66.30	4.66
	90	48.49	4.32	51.79	4.48	55.09	4.64	57.47	4.70	61.68	4.78	64.98	4.88
	95	47.10	4.51	50.38	4.68	53.67	4.85	55.17	4.90	60.23	5.00	63.51	5.10
	100	46.55	4.70	49.88	4.88	53.20	5.05	54.93	5.11	59.34	5.17	61.46	5.17
	105	45.99	4.90	49.37	5.07	51.79	5.17	53.10	5.17	56.69	5.17	58.72	5.17
	110	45.44	5.09	47.89	5.17	49.36	5.17	50.86	5.17	54.25	5.17	56.18	5.17
	115	43.90	5.17	45.65	5.17	47.20	5.17	48.78	5.17	51.88	5.17	53.92	5.17
	118	42.69	5.17	44.40	5.17	45.90	5.17	47.66	5.17	50.65	5.17	52.61	5.17
	122	41.36	5.17	43.07	5.17	44.59	5.17	46.27	5.17	49.18	5.17	51.04	5.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 126: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
52	-4	55.17	2.95	58.59	3.06	62.02	3.17	64.50	3.21	68.87	3.27	72.30	3.33
	0	55.14	2.99	58.56	3.09	61.99	3.21	64.46	3.24	68.84	3.30	72.26	3.37
	5	55.09	3.03	58.51	3.14	61.94	3.26	64.41	3.30	68.78	3.36	72.20	3.43
	10	55.05	3.08	58.47	3.19	61.89	3.31	64.36	3.35	68.73	3.41	72.15	3.48
	14	55.01	3.12	58.43	3.24	61.84	3.36	64.31	3.39	68.67	3.46	72.09	3.53
	20	54.97	3.17	58.38	3.28	61.79	3.40	64.26	3.44	68.62	3.51	72.04	3.58
	25	54.92	3.21	58.34	3.33	61.75	3.45	64.21	3.49	68.57	3.56	71.98	3.63
	30	54.88	3.26	58.29	3.38	61.70	3.50	64.16	3.54	68.52	3.61	71.93	3.68
	35	54.84	3.30	58.25	3.42	61.65	3.55	64.11	3.59	68.46	3.66	71.87	3.73
	40	54.80	3.35	58.20	3.47	61.61	3.60	64.06	3.64	68.41	3.71	71.82	3.78
	45	54.76	3.39	58.16	3.52	61.56	3.64	64.01	3.69	68.36	3.76	71.76	3.83
	50	54.72	3.44	58.11	3.56	61.51	3.69	63.97	3.74	68.31	3.81	71.71	3.88
	55	54.67	3.48	58.07	3.61	61.46	3.74	63.92	3.78	68.25	3.86	71.65	3.93
	60	54.63	3.53	58.02	3.66	61.42	3.79	63.87	3.83	68.20	3.90	71.60	3.98
	65	54.59	3.57	57.98	3.70	61.37	3.84	63.82	3.88	68.15	3.95	71.54	4.03
	70	54.55	3.62	57.93	3.75	61.32	3.89	63.77	3.93	68.10	4.00	71.49	4.08
	75	53.23	3.81	56.61	3.95	59.99	4.10	62.43	4.14	66.75	4.22	70.13	4.31
	80	51.92	4.01	55.29	4.15	58.66	4.31	61.10	4.35	65.41	4.44	68.78	4.53
	85	50.62	4.20	53.98	4.36	57.35	4.51	59.77	4.57	64.07	4.65	67.43	4.75
	90	49.32	4.40	52.67	4.56	56.03	4.72	58.45	4.78	62.74	4.87	66.09	4.97
	95	47.91	4.59	51.25	4.76	54.58	4.93	56.11	4.99	61.26	5.08	64.29	5.17
	100	47.34	4.79	50.73	4.96	54.11	5.14	55.49	5.17	59.33	5.17	61.36	5.17
53	105	46.78	4.98	50.21	5.16	51.79	5.17	53.01	5.17	56.62	5.17	58.66	5.17
	110	46.09	5.17	47.80	5.17	49.39	5.17	50.81	5.17	54.21	5.17	56.16	5.17
	115	43.91	5.17	45.60	5.17	47.17	5.17	48.77	5.17	51.88	5.17	53.85	5.17
	118	42.63	5.17	44.36	5.17	45.89	5.17	47.58	5.17	50.58	5.17	52.56	5.17
	122	41.32	5.17	43.06	5.17	44.53	5.17	46.22	5.17	49.14	5.17	51.02	5.17
	-4	56.10	3.00	59.58	3.11	63.06	3.23	65.58	3.26	70.03	3.33	73.51	3.39
	0	56.06	3.04	59.55	3.15	63.03	3.26	65.54	3.30	69.99	3.36	73.47	3.43
	5	56.02	3.09	59.50	3.20	62.98	3.32	65.49	3.35	69.93	3.42	73.41	3.49
	10	55.98	3.13	59.45	3.25	62.93	3.36	65.44	3.40	69.88	3.47	73.36	3.54
	14	55.93	3.18	59.41	3.29	62.88	3.41	65.39	3.45	69.83	3.52	73.30	3.59
	20	55.89	3.22	59.36	3.34	62.83	3.46	65.34	3.50	69.77	3.57	73.25	3.64
	25	55.85	3.27	59.32	3.39	62.78	3.51	65.29	3.55	69.72	3.62	73.19	3.69
	30	55.81	3.31	59.27	3.44	62.74	3.56	65.24	3.60	69.67	3.67	73.13	3.74
	35	55.76	3.36	59.23	3.48	62.69	3.61	65.19	3.65	69.61	3.72	73.08	3.79
	40	55.72	3.41	59.18	3.53	62.64	3.66	65.14	3.70	69.56	3.77	73.02	3.85
	45	55.68	3.45	59.13	3.58	62.59	3.71	65.09	3.75	69.51	3.82	72.97	3.90
	50	55.63	3.50	59.09	3.62	62.54	3.76	65.04	3.80	69.45	3.87	72.91	3.95
	55	55.59	3.54	59.04	3.67	62.50	3.81	64.99	3.85	69.40	3.92	72.85	4.00
	60	55.55	3.59	59.00	3.72	62.45	3.86	64.94	3.90	69.35	3.97	72.80	4.05
	65	55.51	3.63	58.95	3.77	62.40	3.90	64.89	3.95	69.30	4.02	72.74	4.10
	70	55.46	3.68	58.91	3.81	62.35	3.95	64.84	4.00	69.24	4.07	72.69	4.16
	75	54.13	3.88	57.57	4.02	61.00	4.17	63.48	4.21	67.87	4.29	71.31	4.38
	80	52.79	4.08	56.22	4.23	59.65	4.38	62.12	4.43	66.50	4.51	69.93	4.60
	85	51.47	4.28	54.89	4.43	58.31	4.59	60.78	4.65	65.15	4.73	68.57	4.83
	90	50.15	4.47	53.56	4.64	56.97	4.81	59.43	4.86	63.79	4.95	67.20	5.05
	95	48.71	4.67	52.11	4.84	55.50	5.02	57.06	5.08	62.23	5.17	64.25	5.17
	100	48.14	4.87	51.58	5.05	54.34	5.17	55.47	5.17	59.33	5.17	61.37	5.17
	105	47.57	5.07	50.23	5.17	51.69	5.17	53.02	5.17	56.65	5.17	58.61	5.17
	110	46.05	5.17	47.80	5.17	49.34	5.17	50.76	5.17	54.17	5.17	56.15	5.17
	115	43.83	5.17	45.56	5.17	47.15	5.17	48.75	5.17	51.88	5.17	53.87	5.17
	118	42.57	5.17	44.33	5.17	45.88	5.17	47.58	5.17	50.60	5.17	52.51	5.17
	122	41.36	5.17	43.05	5.17	44.54	5.17	46.24	5.17	49.10	5.17	51.00	5.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 127: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-4	57.02	3.06	60.56	3.17	64.10	3.28	66.66	3.32	71.19	3.38	74.73	3.45
	0	56.99	3.09	60.53	3.20	64.07	3.32	66.63	3.36	71.15	3.42	74.69	3.49
	5	56.94	3.14	60.48	3.25	64.02	3.37	66.57	3.41	71.09	3.48	74.63	3.55
	10	56.90	3.19	60.43	3.30	63.97	3.42	66.52	3.46	71.04	3.53	74.57	3.60
	14	56.86	3.23	60.39	3.35	63.92	3.47	66.47	3.51	70.98	3.58	74.51	3.65
	20	56.81	3.28	60.34	3.40	63.87	3.52	66.42	3.56	70.93	3.63	74.46	3.70
	25	56.77	3.32	60.30	3.45	63.82	3.57	66.37	3.61	70.87	3.68	74.40	3.76
	30	56.73	3.37	60.25	3.49	63.77	3.62	66.32	3.66	70.82	3.73	74.34	3.81
	35	56.68	3.42	60.20	3.54	63.72	3.67	66.27	3.71	70.77	3.78	74.29	3.86
	40	56.64	3.46	60.16	3.59	63.68	3.72	66.22	3.76	70.71	3.84	74.23	3.91
	45	56.60	3.51	60.11	3.64	63.63	3.77	66.17	3.82	70.66	3.89	74.17	3.96
	50	56.55	3.56	60.07	3.69	63.58	3.82	66.11	3.87	70.60	3.94	74.11	4.02
	55	56.51	3.60	60.02	3.74	63.53	3.87	66.06	3.92	70.55	3.99	74.06	4.07
	60	56.47	3.65	59.97	3.78	63.48	3.92	66.01	3.97	70.49	4.04	74.00	4.12
	65	56.42	3.70	59.93	3.83	63.43	3.97	65.96	4.02	70.44	4.09	73.94	4.17
	70	56.38	3.74	59.88	3.88	63.38	4.02	65.91	4.07	70.39	4.14	73.89	4.23
	75	55.02	3.94	58.52	4.09	62.01	4.24	64.53	4.29	68.99	4.37	72.49	4.46
	80	53.67	4.15	57.15	4.30	60.64	4.46	63.15	4.51	67.60	4.59	71.09	4.68
	85	52.32	4.35	55.80	4.51	59.27	4.67	61.78	4.73	66.22	4.81	69.70	4.91
	90	50.98	4.55	54.44	4.72	57.91	4.89	60.42	4.95	64.85	5.04	68.31	5.14
	95	49.52	4.75	52.97	4.93	56.42	5.11	58.00	5.16	62.18	5.17	64.22	5.17
	100	48.93	4.95	52.43	5.14	54.30	5.17	55.44	5.17	59.20	5.17	61.27	5.17
	105	48.35	5.16	50.20	5.17	51.70	5.17	53.03	5.17	56.57	5.17	58.65	5.17
	110	46.03	5.17	47.81	5.17	49.28	5.17	50.80	5.17	54.14	5.17	56.13	5.17
55	115	43.83	5.17	45.58	5.17	47.13	5.17	48.73	5.17	51.79	5.17	53.80	5.17
	118	42.59	5.17	44.29	5.17	45.88	5.17	47.58	5.17	50.53	5.17	52.46	5.17
	122	41.32	5.17	42.96	5.17	44.49	5.17	46.19	5.17	49.06	5.17	50.98	5.17
	-4	57.02	3.06	60.56	3.17	64.10	3.28	66.66	3.32	71.19	3.38	74.73	3.45
	0	56.99	3.09	60.53	3.20	64.07	3.32	66.63	3.36	71.15	3.42	74.69	3.49
	5	56.94	3.14	60.48	3.25	64.02	3.37	66.57	3.41	71.09	3.48	74.63	3.55
	10	56.90	3.19	60.43	3.30	63.97	3.42	66.52	3.46	71.04	3.53	74.57	3.60
	14	56.86	3.23	60.39	3.35	63.92	3.47	66.47	3.51	70.98	3.58	74.51	3.65
	20	56.81	3.28	60.34	3.40	63.87	3.52	66.42	3.56	70.93	3.63	74.46	3.70
	25	56.77	3.32	60.30	3.45	63.82	3.57	66.37	3.61	70.87	3.68	74.40	3.76
	30	56.73	3.37	60.25	3.49	63.77	3.62	66.32	3.66	70.82	3.73	74.34	3.81
	35	56.68	3.42	60.20	3.54	63.72	3.67	66.27	3.71	70.77	3.78	74.29	3.86
	40	56.64	3.46	60.16	3.59	63.68	3.72	66.22	3.76	70.71	3.84	74.23	3.91
	45	56.60	3.51	60.11	3.64	63.63	3.77	66.17	3.82	70.66	3.89	74.17	3.96
	50	56.55	3.56	60.07	3.69	63.58	3.82	66.11	3.87	70.60	3.94	74.11	4.02
	55	56.51	3.60	60.02	3.74	63.53	3.87	66.06	3.92	70.55	3.99	74.06	4.07
	60	56.47	3.65	59.97	3.78	63.48	3.92	66.01	3.97	70.49	4.04	74.00	4.12
	65	56.42	3.70	59.93	3.83	63.43	3.97	65.96	4.02	70.44	4.09	73.94	4.17
	70	56.38	3.74	59.88	3.88	63.38	4.02	65.91	4.07	70.39	4.14	73.89	4.23
	75	55.02	3.94	58.52	4.09	62.01	4.24	64.53	4.29	68.99	4.37	72.49	4.46
	80	53.67	4.15	57.15	4.30	60.64	4.46	63.15	4.51	67.60	4.59	71.09	4.68
	85	52.32	4.35	55.80	4.51	59.27	4.67	61.78	4.73	66.22	4.81	69.70	4.91
	90	50.98	4.55	54.44	4.72	57.91	4.89	60.42	4.95	64.85	5.04	68.31	5.14
	95	49.52	4.75	52.97	4.93	56.42	5.11	58.00	5.16	62.18	5.17	64.22	5.17
	100	48.93	4.95	52.43	5.14	54.30	5.17	55.44	5.17	59.20	5.17	61.27	5.17
	105	48.35	5.16	50.20	5.17	51.70	5.17	53.03	5.17	56.57	5.17	58.65	5.17
	110	46.03	5.17	47.81	5.17	49.28	5.17	50.80	5.17	54.14	5.17	56.13	5.17
	115	43.83	5.17	45.58	5.17	47.13	5.17	48.73	5.17	51.79	5.17	53.80	5.17
	118	42.59	5.17	44.29	5.17	45.88	5.17	47.58	5.17	50.53	5.17	52.46	5.17
	122	41.32	5.17	42.96	5.17	44.49	5.17	46.19	5.17	49.06	5.17	50.98	5.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 128: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
56	-4	57.02	3.06	60.56	3.17	64.10	3.28	66.66	3.32	71.19	3.38	74.73	3.45
	0	56.99	3.09	60.53	3.20	64.07	3.32	66.63	3.36	71.15	3.42	74.69	3.49
	5	56.94	3.14	60.48	3.25	64.02	3.37	66.57	3.41	71.09	3.48	74.63	3.55
	10	56.90	3.19	60.43	3.30	63.97	3.42	66.52	3.46	71.04	3.53	74.57	3.60
	14	56.86	3.23	60.39	3.35	63.92	3.47	66.47	3.51	70.98	3.58	74.51	3.65
	20	56.81	3.28	60.34	3.40	63.87	3.52	66.42	3.56	70.93	3.63	74.46	3.70
	25	56.77	3.32	60.30	3.45	63.82	3.57	66.37	3.61	70.87	3.68	74.40	3.76
	30	56.73	3.37	60.25	3.49	63.77	3.62	66.32	3.66	70.82	3.73	74.34	3.81
	35	56.68	3.42	60.20	3.54	63.72	3.67	66.27	3.71	70.77	3.78	74.29	3.86
	40	56.64	3.46	60.16	3.59	63.68	3.72	66.22	3.76	70.71	3.84	74.23	3.91
	45	56.60	3.51	60.11	3.64	63.63	3.77	66.17	3.82	70.66	3.89	74.17	3.96
	50	56.55	3.56	60.07	3.69	63.58	3.82	66.11	3.87	70.60	3.94	74.11	4.02
	55	56.51	3.60	60.02	3.74	63.53	3.87	66.06	3.92	70.55	3.99	74.06	4.07
	60	56.47	3.65	59.97	3.78	63.48	3.92	66.01	3.97	70.49	4.04	74.00	4.12
	65	56.42	3.70	59.93	3.83	63.43	3.97	65.96	4.02	70.44	4.09	73.94	4.17
	70	56.38	3.74	59.88	3.88	63.38	4.02	65.91	4.07	70.39	4.14	73.89	4.23
	75	55.02	3.94	58.52	4.09	62.01	4.24	64.53	4.29	68.99	4.37	72.49	4.46
	80	53.67	4.15	57.15	4.30	60.64	4.46	63.15	4.51	67.60	4.59	71.09	4.68
	85	52.32	4.35	55.80	4.51	59.27	4.67	61.78	4.73	66.22	4.81	69.70	4.91
	90	50.98	4.55	54.44	4.72	57.91	4.89	60.42	4.95	64.85	5.04	68.31	5.14
	95	49.52	4.75	52.97	4.93	56.42	5.11	58.00	5.16	62.18	5.17	64.22	5.17
	100	48.93	4.95	52.43	5.14	54.30	5.17	55.44	5.17	59.20	5.17	61.27	5.17
	105	48.35	5.16	50.20	5.17	51.70	5.17	53.03	5.17	56.57	5.17	58.65	5.17
	110	46.03	5.17	47.81	5.17	49.28	5.17	50.80	5.17	54.14	5.17	56.13	5.17
57	115	43.83	5.17	45.58	5.17	47.13	5.17	48.73	5.17	51.79	5.17	53.80	5.17
	118	42.59	5.17	44.29	5.17	45.88	5.17	47.58	5.17	50.53	5.17	52.46	5.17
	122	41.32	5.17	42.96	5.17	44.49	5.17	46.19	5.17	49.06	5.17	50.98	5.17
	-4	57.02	3.06	60.56	3.17	64.10	3.28	66.66	3.32	71.19	3.38	74.73	3.45
	0	56.99	3.09	60.53	3.20	64.07	3.32	66.63	3.36	71.15	3.42	74.69	3.49
	5	56.94	3.14	60.48	3.25	64.02	3.37	66.57	3.41	71.09	3.48	74.63	3.55
	10	56.90	3.19	60.43	3.30	63.97	3.42	66.52	3.46	71.04	3.53	74.57	3.60
	14	56.86	3.23	60.39	3.35	63.92	3.47	66.47	3.51	70.98	3.58	74.51	3.65
	20	56.81	3.28	60.34	3.40	63.87	3.52	66.42	3.56	70.93	3.63	74.46	3.70
	25	56.77	3.32	60.30	3.45	63.82	3.57	66.37	3.61	70.87	3.68	74.40	3.76
	30	56.73	3.37	60.25	3.49	63.77	3.62	66.32	3.66	70.82	3.73	74.34	3.81
	35	56.68	3.42	60.20	3.54	63.72	3.67	66.27	3.71	70.77	3.78	74.29	3.86
	40	56.64	3.46	60.16	3.59	63.68	3.72	66.22	3.76	70.71	3.84	74.23	3.91
	45	56.60	3.51	60.11	3.64	63.63	3.77	66.17	3.82	70.66	3.89	74.17	3.96
	50	56.55	3.56	60.07	3.69	63.58	3.82	66.11	3.87	70.60	3.94	74.11	4.02
	55	56.51	3.60	60.02	3.74	63.53	3.87	66.06	3.92	70.55	3.99	74.06	4.07
	60	56.47	3.65	59.97	3.78	63.48	3.92	66.01	3.97	70.49	4.04	74.00	4.12
	65	56.42	3.70	59.93	3.83	63.43	3.97	65.96	4.02	70.44	4.09	73.94	4.17
	70	56.38	3.74	59.88	3.88	63.38	4.02	65.91	4.07	70.39	4.14	73.89	4.23
	75	55.02	3.94	58.52	4.09	62.01	4.24	64.53	4.29	68.99	4.37	72.49	4.46
	80	53.67	4.15	57.15	4.30	60.64	4.46	63.15	4.51	67.60	4.59	71.09	4.68
	85	52.32	4.35	55.80	4.51	59.27	4.67	61.78	4.73	66.22	4.81	69.70	4.91
	90	50.98	4.55	54.44	4.72	57.91	4.89	60.42	4.95	64.85	5.04	68.31	5.14
	95	49.52	4.75	52.97	4.93	56.42	5.11	58.00	5.16	62.18	5.17	64.22	5.17
	100	48.93	4.95	52.43	5.14	54.30	5.17	55.44	5.17	59.20	5.17	61.27	5.17
	105	48.35	5.16	50.20	5.17	51.70	5.17	53.03	5.17	56.57	5.17	58.65	5.17
	110	46.03	5.17	47.81	5.17	49.28	5.17	50.80	5.17	54.14	5.17	56.13	5.17
	115	43.83	5.17	45.58	5.17	47.13	5.17	48.73	5.17	51.79	5.17	53.80	5.17
	118	42.59	5.17	44.29	5.17	45.88	5.17	47.58	5.17	50.53	5.17	52.46	5.17
	122	41.32	5.17	42.96	5.17	44.49	5.17	46.19	5.17	49.06	5.17	50.98	5.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 129: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
58	-4	57.02	3.06	60.56	3.17	64.10	3.28	66.66	3.32	71.19	3.38	74.73	3.45
	0	56.99	3.09	60.53	3.20	64.07	3.32	66.63	3.36	71.15	3.42	74.69	3.49
	5	56.94	3.14	60.48	3.25	64.02	3.37	66.57	3.41	71.09	3.48	74.63	3.55
	10	56.90	3.19	60.43	3.30	63.97	3.42	66.52	3.46	71.04	3.53	74.57	3.60
	14	56.86	3.23	60.39	3.35	63.92	3.47	66.47	3.51	70.98	3.58	74.51	3.65
	20	56.81	3.28	60.34	3.40	63.87	3.52	66.42	3.56	70.93	3.63	74.46	3.70
	25	56.77	3.32	60.30	3.45	63.82	3.57	66.37	3.61	70.87	3.68	74.40	3.76
	30	56.73	3.37	60.25	3.49	63.77	3.62	66.32	3.66	70.82	3.73	74.34	3.81
	35	56.68	3.42	60.20	3.54	63.72	3.67	66.27	3.71	70.77	3.78	74.29	3.86
	40	56.64	3.46	60.16	3.59	63.68	3.72	66.22	3.76	70.71	3.84	74.23	3.91
	45	56.60	3.51	60.11	3.64	63.63	3.77	66.17	3.82	70.66	3.89	74.17	3.96
	50	56.55	3.56	60.07	3.69	63.58	3.82	66.11	3.87	70.60	3.94	74.11	4.02
	55	56.51	3.60	60.02	3.74	63.53	3.87	66.06	3.92	70.55	3.99	74.06	4.07
	60	56.47	3.65	59.97	3.78	63.48	3.92	66.01	3.97	70.49	4.04	74.00	4.12
	65	56.42	3.70	59.93	3.83	63.43	3.97	65.96	4.02	70.44	4.09	73.94	4.17
	70	56.38	3.74	59.88	3.88	63.38	4.02	65.91	4.07	70.39	4.14	73.89	4.23
	75	55.02	3.94	58.52	4.09	62.01	4.24	64.53	4.29	68.99	4.37	72.49	4.46
	80	53.67	4.15	57.15	4.30	60.64	4.46	63.15	4.51	67.60	4.59	71.09	4.68
	85	52.32	4.35	55.80	4.51	59.27	4.67	61.78	4.73	66.22	4.81	69.70	4.91
	90	50.98	4.55	54.44	4.72	57.91	4.89	60.42	4.95	64.85	5.04	68.31	5.14
	95	49.52	4.75	52.97	4.93	56.42	5.11	58.00	5.16	62.18	5.17	64.22	5.17
	100	48.93	4.95	52.43	5.14	54.30	5.17	55.44	5.17	59.20	5.17	61.27	5.17
	105	48.35	5.16	50.20	5.17	51.70	5.17	53.03	5.17	56.57	5.17	58.65	5.17
	110	46.03	5.17	47.81	5.17	49.28	5.17	50.80	5.17	54.14	5.17	56.13	5.17
	115	43.83	5.17	45.58	5.17	47.13	5.17	48.73	5.17	51.79	5.17	53.80	5.17
	118	42.59	5.17	44.29	5.17	45.88	5.17	47.58	5.17	50.53	5.17	52.46	5.17
	122	41.32	5.17	42.96	5.17	44.49	5.17	46.19	5.17	49.06	5.17	50.98	5.17
59	-4	57.02	3.06	60.56	3.17	64.10	3.28	66.66	3.32	71.19	3.38	74.73	3.45
	0	56.99	3.09	60.53	3.20	64.07	3.32	66.63	3.36	71.15	3.42	74.69	3.49
	5	56.94	3.14	60.48	3.25	64.02	3.37	66.57	3.41	71.09	3.48	74.63	3.55
	10	56.90	3.19	60.43	3.30	63.97	3.42	66.52	3.46	71.04	3.53	74.57	3.60
	14	56.86	3.23	60.39	3.35	63.92	3.47	66.47	3.51	70.98	3.58	74.51	3.65
	20	56.81	3.28	60.34	3.40	63.87	3.52	66.42	3.56	70.93	3.63	74.46	3.70
	25	56.77	3.32	60.30	3.45	63.82	3.57	66.37	3.61	70.87	3.68	74.40	3.76
	30	56.73	3.37	60.25	3.49	63.77	3.62	66.32	3.66	70.82	3.73	74.34	3.81
	35	56.68	3.42	60.20	3.54	63.72	3.67	66.27	3.71	70.77	3.78	74.29	3.86
	40	56.64	3.46	60.16	3.59	63.68	3.72	66.22	3.76	70.71	3.84	74.23	3.91
	45	56.60	3.51	60.11	3.64	63.63	3.77	66.17	3.82	70.66	3.89	74.17	3.96
	50	56.55	3.56	60.07	3.69	63.58	3.82	66.11	3.87	70.60	3.94	74.11	4.02
	55	56.51	3.60	60.02	3.74	63.53	3.87	66.06	3.92	70.55	3.99	74.06	4.07
	60	56.47	3.65	59.97	3.78	63.48	3.92	66.01	3.97	70.49	4.04	74.00	4.12
	65	56.42	3.70	59.93	3.83	63.43	3.97	65.96	4.02	70.44	4.09	73.94	4.17
	70	56.38	3.74	59.88	3.88	63.38	4.02	65.91	4.07	70.39	4.14	73.89	4.23
	75	55.02	3.94	58.52	4.09	62.01	4.24	64.53	4.29	68.99	4.37	72.49	4.46
	80	53.67	4.15	57.15	4.30	60.64	4.46	63.15	4.51	67.60	4.59	71.09	4.68
	85	52.32	4.35	55.80	4.51	59.27	4.67	61.78	4.73	66.22	4.81	69.70	4.91
	90	50.98	4.55	54.44	4.72	57.91	4.89	60.42	4.95	64.85	5.04	68.31	5.14
	95	49.52	4.75	52.97	4.93	56.42	5.11	58.00	5.16	62.18	5.17	64.22	5.17
	100	48.93	4.95	52.43	5.14	54.30	5.17	55.44	5.17	59.20	5.17	61.27	5.17
	105	48.35	5.16	50.20	5.17	51.70	5.17	53.03	5.17	56.57	5.17	58.65	5.17
	110	46.03	5.17	47.81	5.17	49.28	5.17	50.80	5.17	54.14	5.17	56.13	5.17
	115	43.83	5.17	45.58	5.17	47.13	5.17	48.73	5.17	51.79	5.17	53.80	5.17
	118	42.59	5.17	44.29	5.17	45.88	5.17	47.58	5.17	50.53	5.17	52.46	5.17
	122	41.32	5.17	42.96	5.17	44.49	5.17	46.19	5.17	49.06	5.17	50.98	5.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 130: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	-4	57.02	3.06	60.56	3.17	64.10	3.28	66.66	3.32	71.19	3.38	74.73	3.45
	0	56.99	3.09	60.53	3.20	64.07	3.32	66.63	3.36	71.15	3.42	74.69	3.49
	5	56.94	3.14	60.48	3.25	64.02	3.37	66.57	3.41	71.09	3.48	74.63	3.55
	10	56.90	3.19	60.43	3.30	63.97	3.42	66.52	3.46	71.04	3.53	74.57	3.60
	14	56.86	3.23	60.39	3.35	63.92	3.47	66.47	3.51	70.98	3.58	74.51	3.65
	20	56.81	3.28	60.34	3.40	63.87	3.52	66.42	3.56	70.93	3.63	74.46	3.70
	25	56.77	3.32	60.30	3.45	63.82	3.57	66.37	3.61	70.87	3.68	74.40	3.76
	30	56.73	3.37	60.25	3.49	63.77	3.62	66.32	3.66	70.82	3.73	74.34	3.81
	35	56.68	3.42	60.20	3.54	63.72	3.67	66.27	3.71	70.77	3.78	74.29	3.86
	40	56.64	3.46	60.16	3.59	63.68	3.72	66.22	3.76	70.71	3.84	74.23	3.91
	45	56.60	3.51	60.11	3.64	63.63	3.77	66.17	3.82	70.66	3.89	74.17	3.96
	50	56.55	3.56	60.07	3.69	63.58	3.82	66.11	3.87	70.60	3.94	74.11	4.02
	55	56.51	3.60	60.02	3.74	63.53	3.87	66.06	3.92	70.55	3.99	74.06	4.07
	60	56.47	3.65	59.97	3.78	63.48	3.92	66.01	3.97	70.49	4.04	74.00	4.12
	65	56.42	3.70	59.93	3.83	63.43	3.97	65.96	4.02	70.44	4.09	73.94	4.17
	70	56.38	3.74	59.88	3.88	63.38	4.02	65.91	4.07	70.39	4.14	73.89	4.23
	75	55.02	3.94	58.52	4.09	62.01	4.24	64.53	4.29	68.99	4.37	72.49	4.46
	80	53.67	4.15	57.15	4.30	60.64	4.46	63.15	4.51	67.60	4.59	71.09	4.68
	85	52.32	4.35	55.80	4.51	59.27	4.67	61.78	4.73	66.22	4.81	69.70	4.91
	90	50.98	4.55	54.44	4.72	57.91	4.89	60.42	4.95	64.85	5.04	68.31	5.14
	95	49.52	4.75	52.97	4.93	56.42	5.11	58.00	5.16	62.18	5.17	64.22	5.17
	100	48.93	4.95	52.43	5.14	54.30	5.17	55.44	5.17	59.20	5.17	61.27	5.17
61	105	48.35	5.16	50.20	5.17	51.70	5.17	53.03	5.17	56.57	5.17	58.65	5.17
	110	46.03	5.17	47.81	5.17	49.28	5.17	50.80	5.17	54.14	5.17	56.13	5.17
	115	43.83	5.17	45.58	5.17	47.13	5.17	48.73	5.17	51.79	5.17	53.80	5.17
	118	42.59	5.17	44.29	5.17	45.88	5.17	47.58	5.17	50.53	5.17	52.46	5.17
	122	41.32	5.17	42.96	5.17	44.49	5.17	46.19	5.17	49.06	5.17	50.98	5.17
	-4	57.02	3.06	60.56	3.17	64.10	3.28	66.66	3.32	71.19	3.38	74.73	3.45
	0	56.99	3.09	60.53	3.20	64.07	3.32	66.63	3.36	71.15	3.42	74.69	3.49
	5	56.94	3.14	60.48	3.25	64.02	3.37	66.57	3.41	71.09	3.48	74.63	3.55
	10	56.90	3.19	60.43	3.30	63.97	3.42	66.52	3.46	71.04	3.53	74.57	3.60
	14	56.86	3.23	60.39	3.35	63.92	3.47	66.47	3.51	70.98	3.58	74.51	3.65
	20	56.81	3.28	60.34	3.40	63.87	3.52	66.42	3.56	70.93	3.63	74.46	3.70
	25	56.77	3.32	60.30	3.45	63.82	3.57	66.37	3.61	70.87	3.68	74.40	3.76
	30	56.73	3.37	60.25	3.49	63.77	3.62	66.32	3.66	70.82	3.73	74.34	3.81
	35	56.68	3.42	60.20	3.54	63.72	3.67	66.27	3.71	70.77	3.78	74.29	3.86
	40	56.64	3.46	60.16	3.59	63.68	3.72	66.22	3.76	70.71	3.84	74.23	3.91
	45	56.60	3.51	60.11	3.64	63.63	3.77	66.17	3.82	70.66	3.89	74.17	3.96
	50	56.55	3.56	60.07	3.69	63.58	3.82	66.11	3.87	70.60	3.94	74.11	4.02
	55	56.51	3.60	60.02	3.74	63.53	3.87	66.06	3.92	70.55	3.99	74.06	4.07
	60	56.47	3.65	59.97	3.78	63.48	3.92	66.01	3.97	70.49	4.04	74.00	4.12
	65	56.42	3.70	59.93	3.83	63.43	3.97	65.96	4.02	70.44	4.09	73.94	4.17
	70	56.38	3.74	59.88	3.88	63.38	4.02	65.91	4.07	70.39	4.14	73.89	4.23
	75	55.02	3.94	58.52	4.09	62.01	4.24	64.53	4.29	68.99	4.37	72.49	4.46
	80	53.67	4.15	57.15	4.30	60.64	4.46	63.15	4.51	67.60	4.59	71.09	4.68
	85	52.32	4.35	55.80	4.51	59.27	4.67	61.78	4.73	66.22	4.81	69.70	4.91
	90	50.98	4.55	54.44	4.72	57.91	4.89	60.42	4.95	64.85	5.04	68.31	5.14
	95	49.52	4.75	52.97	4.93	56.42	5.11	58.00	5.16	62.18	5.17	64.22	5.17
	100	48.93	4.95	52.43	5.14	54.30	5.17	55.44	5.17	59.20	5.17	61.27	5.17
	105	48.35	5.16	50.20	5.17	51.70	5.17	53.03	5.17	56.57	5.17	58.65	5.17
	110	46.03	5.17	47.81	5.17	49.28	5.17	50.80	5.17	54.14	5.17	56.13	5.17
	115	43.83	5.17	45.58	5.17	47.13	5.17	48.73	5.17	51.79	5.17	53.80	5.17
	118	42.59	5.17	44.29	5.17	45.88	5.17	47.58	5.17	50.53	5.17	52.46	5.17
	122	41.32	5.17	42.96	5.17	44.49	5.17	46.19	5.17	49.06	5.17	50.98	5.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 131: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
62	-4	57.02	3.06	60.56	3.17	64.10	3.28	66.66	3.32	71.19	3.38	74.73	3.45
	0	56.99	3.09	60.53	3.20	64.07	3.32	66.63	3.36	71.15	3.42	74.69	3.49
	5	56.94	3.14	60.48	3.25	64.02	3.37	66.57	3.41	71.09	3.48	74.63	3.55
	10	56.90	3.19	60.43	3.30	63.97	3.42	66.52	3.46	71.04	3.53	74.57	3.60
	14	56.86	3.23	60.39	3.35	63.92	3.47	66.47	3.51	70.98	3.58	74.51	3.65
	20	56.81	3.28	60.34	3.40	63.87	3.52	66.42	3.56	70.93	3.63	74.46	3.70
	25	56.77	3.32	60.30	3.45	63.82	3.57	66.37	3.61	70.87	3.68	74.40	3.76
	30	56.73	3.37	60.25	3.49	63.77	3.62	66.32	3.66	70.82	3.73	74.34	3.81
	35	56.68	3.42	60.20	3.54	63.72	3.67	66.27	3.71	70.77	3.78	74.29	3.86
	40	56.64	3.46	60.16	3.59	63.68	3.72	66.22	3.76	70.71	3.84	74.23	3.91
	45	56.60	3.51	60.11	3.64	63.63	3.77	66.17	3.82	70.66	3.89	74.17	3.96
	50	56.55	3.56	60.07	3.69	63.58	3.82	66.11	3.87	70.60	3.94	74.11	4.02
	55	56.51	3.60	60.02	3.74	63.53	3.87	66.06	3.92	70.55	3.99	74.06	4.07
	60	56.47	3.65	59.97	3.78	63.48	3.92	66.01	3.97	70.49	4.04	74.00	4.12
	65	56.42	3.70	59.93	3.83	63.43	3.97	65.96	4.02	70.44	4.09	73.94	4.17
	70	56.38	3.74	59.88	3.88	63.38	4.02	65.91	4.07	70.39	4.14	73.89	4.23
	75	55.02	3.94	58.52	4.09	62.01	4.24	64.53	4.29	68.99	4.37	72.49	4.46
	80	53.67	4.15	57.15	4.30	60.64	4.46	63.15	4.51	67.60	4.59	71.09	4.68
	85	52.32	4.35	55.80	4.51	59.27	4.67	61.78	4.73	66.22	4.81	69.70	4.91
	90	50.98	4.55	54.44	4.72	57.91	4.89	60.42	4.95	64.85	5.04	68.31	5.14
	95	49.52	4.75	52.97	4.93	56.42	5.11	58.00	5.16	62.18	5.17	64.22	5.17
	100	48.93	4.95	52.43	5.14	54.30	5.17	55.44	5.17	59.20	5.17	61.27	5.17
	105	48.35	5.16	50.20	5.17	51.70	5.17	53.03	5.17	56.57	5.17	58.65	5.17
	110	46.03	5.17	47.81	5.17	49.28	5.17	50.80	5.17	54.14	5.17	56.13	5.17
	115	43.83	5.17	45.58	5.17	47.13	5.17	48.73	5.17	51.79	5.17	53.80	5.17
	118	42.59	5.17	44.29	5.17	45.88	5.17	47.58	5.17	50.53	5.17	52.46	5.17
	122	41.32	5.17	42.96	5.17	44.49	5.17	46.19	5.17	49.06	5.17	50.98	5.17
63	-4	57.02	3.06	60.56	3.17	64.10	3.28	66.66	3.32	71.19	3.38	74.73	3.45
	0	56.99	3.09	60.53	3.20	64.07	3.32	66.63	3.36	71.15	3.42	74.69	3.49
	5	56.94	3.14	60.48	3.25	64.02	3.37	66.57	3.41	71.09	3.48	74.63	3.55
	10	56.90	3.19	60.43	3.30	63.97	3.42	66.52	3.46	71.04	3.53	74.57	3.60
	14	56.86	3.23	60.39	3.35	63.92	3.47	66.47	3.51	70.98	3.58	74.51	3.65
	20	56.81	3.28	60.34	3.40	63.87	3.52	66.42	3.56	70.93	3.63	74.46	3.70
	25	56.77	3.32	60.30	3.45	63.82	3.57	66.37	3.61	70.87	3.68	74.40	3.76
	30	56.73	3.37	60.25	3.49	63.77	3.62	66.32	3.66	70.82	3.73	74.34	3.81
	35	56.68	3.42	60.20	3.54	63.72	3.67	66.27	3.71	70.77	3.78	74.29	3.86
	40	56.64	3.46	60.16	3.59	63.68	3.72	66.22	3.76	70.71	3.84	74.23	3.91
	45	56.60	3.51	60.11	3.64	63.63	3.77	66.17	3.82	70.66	3.89	74.17	3.96
	50	56.55	3.56	60.07	3.69	63.58	3.82	66.11	3.87	70.60	3.94	74.11	4.02
	55	56.51	3.60	60.02	3.74	63.53	3.87	66.06	3.92	70.55	3.99	74.06	4.07
	60	56.47	3.65	59.97	3.78	63.48	3.92	66.01	3.97	70.49	4.04	74.00	4.12
	65	56.42	3.70	59.93	3.83	63.43	3.97	65.96	4.02	70.44	4.09	73.94	4.17
	70	56.38	3.74	59.88	3.88	63.38	4.02	65.91	4.07	70.39	4.14	73.89	4.23
	75	55.02	3.94	58.52	4.09	62.01	4.24	64.53	4.29	68.99	4.37	72.49	4.46
	80	53.67	4.15	57.15	4.30	60.64	4.46	63.15	4.51	67.60	4.59	71.09	4.68
	85	52.32	4.35	55.80	4.51	59.27	4.67	61.78	4.73	66.22	4.81	69.70	4.91
	90	50.98	4.55	54.44	4.72	57.91	4.89	60.42	4.95	64.85	5.04	68.31	5.14
	95	49.52	4.75	52.97	4.93	56.42	5.11	58.00	5.16	62.18	5.17	64.22	5.17
	100	48.93	4.95	52.43	5.14	54.30	5.17	55.44	5.17	59.20	5.17	61.27	5.17
	105	48.35	5.16	50.20	5.17	51.70	5.17	53.03	5.17	56.57	5.17	58.65	5.17
	110	46.03	5.17	47.81	5.17	49.28	5.17	50.80	5.17	54.14	5.17	56.13	5.17
	115	43.83	5.17	45.58	5.17	47.13	5.17	48.73	5.17	51.79	5.17	53.80	5.17
	118	42.59	5.17	44.29	5.17	45.88	5.17	47.58	5.17	50.53	5.17	52.46	5.17
	122	41.32	5.17	42.96	5.17	44.49	5.17	46.19	5.17	49.06	5.17	50.98	5.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

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KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 132: KUMXA481A Maximum Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
64	-4	57.02	3.06	60.56	3.17	64.10	3.28	66.66	3.32	71.19	3.38	74.73	3.45
	0	56.99	3.09	60.53	3.20	64.07	3.32	66.63	3.36	71.15	3.42	74.69	3.49
	5	56.94	3.14	60.48	3.25	64.02	3.37	66.57	3.41	71.09	3.48	74.63	3.55
	10	56.90	3.19	60.43	3.30	63.97	3.42	66.52	3.46	71.04	3.53	74.57	3.60
	14	56.86	3.23	60.39	3.35	63.92	3.47	66.47	3.51	70.98	3.58	74.51	3.65
	20	56.81	3.28	60.34	3.40	63.87	3.52	66.42	3.56	70.93	3.63	74.46	3.70
	25	56.77	3.32	60.30	3.45	63.82	3.57	66.37	3.61	70.87	3.68	74.40	3.76
	30	56.73	3.37	60.25	3.49	63.77	3.62	66.32	3.66	70.82	3.73	74.34	3.81
	35	56.68	3.42	60.20	3.54	63.72	3.67	66.27	3.71	70.77	3.78	74.29	3.86
	40	56.64	3.46	60.16	3.59	63.68	3.72	66.22	3.76	70.71	3.84	74.23	3.91
	45	56.60	3.51	60.11	3.64	63.63	3.77	66.17	3.82	70.66	3.89	74.17	3.96
	50	56.55	3.56	60.07	3.69	63.58	3.82	66.11	3.87	70.60	3.94	74.11	4.02
	55	56.51	3.60	60.02	3.74	63.53	3.87	66.06	3.92	70.55	3.99	74.06	4.07
	60	56.47	3.65	59.97	3.78	63.48	3.92	66.01	3.97	70.49	4.04	74.00	4.12
	65	56.42	3.70	59.93	3.83	63.43	3.97	65.96	4.02	70.44	4.09	73.94	4.17
	70	56.38	3.74	59.88	3.88	63.38	4.02	65.91	4.07	70.39	4.14	73.89	4.23
	75	55.02	3.94	58.52	4.09	62.01	4.24	64.53	4.29	68.99	4.37	72.49	4.46
	80	53.67	4.15	57.15	4.30	60.64	4.46	63.15	4.51	67.60	4.59	71.09	4.68
	85	52.32	4.35	55.80	4.51	59.27	4.67	61.78	4.73	66.22	4.81	69.70	4.91
	90	50.98	4.55	54.44	4.72	57.91	4.89	60.42	4.95	64.85	5.04	68.31	5.14
	95	49.52	4.75	52.97	4.93	56.42	5.11	58.00	5.16	62.18	5.17	64.22	5.17
	100	48.93	4.95	52.43	5.14	54.30	5.17	55.44	5.17	59.20	5.17	61.27	5.17
65	105	48.35	5.16	50.20	5.17	51.70	5.17	53.03	5.17	56.57	5.17	58.65	5.17
	110	46.03	5.17	47.81	5.17	49.28	5.17	50.80	5.17	54.14	5.17	56.13	5.17
	115	43.83	5.17	45.58	5.17	47.13	5.17	48.73	5.17	51.79	5.17	53.80	5.17
	118	42.59	5.17	44.29	5.17	45.88	5.17	47.58	5.17	50.53	5.17	52.46	5.17
	122	41.32	5.17	42.96	5.17	44.49	5.17	46.19	5.17	49.06	5.17	50.98	5.17
	-4	57.02	3.06	60.56	3.17	64.10	3.28	66.66	3.32	71.19	3.38	74.73	3.45
	0	56.99	3.09	60.53	3.20	64.07	3.32	66.63	3.36	71.15	3.42	74.69	3.49
	5	56.94	3.14	60.48	3.25	64.02	3.37	66.57	3.41	71.09	3.48	74.63	3.55
	10	56.90	3.19	60.43	3.30	63.97	3.42	66.52	3.46	71.04	3.53	74.57	3.60
	14	56.86	3.23	60.39	3.35	63.92	3.47	66.47	3.51	70.98	3.58	74.51	3.65
	20	56.81	3.28	60.34	3.40	63.87	3.52	66.42	3.56	70.93	3.63	74.46	3.70
	25	56.77	3.32	60.30	3.45	63.82	3.57	66.37	3.61	70.87	3.68	74.40	3.76
	30	56.73	3.37	60.25	3.49	63.77	3.62	66.32	3.66	70.82	3.73	74.34	3.81
	35	56.68	3.42	60.20	3.54	63.72	3.67	66.27	3.71	70.77	3.78	74.29	3.86
	40	56.64	3.46	60.16	3.59	63.68	3.72	66.22	3.76	70.71	3.84	74.23	3.91
	45	56.60	3.51	60.11	3.64	63.63	3.77	66.17	3.82	70.66	3.89	74.17	3.96
	50	56.55	3.56	60.07	3.69	63.58	3.82	66.11	3.87	70.60	3.94	74.11	4.02
	55	56.51	3.60	60.02	3.74	63.53	3.87	66.06	3.92	70.55	3.99	74.06	4.07
	60	56.47	3.65	59.97	3.78	63.48	3.92	66.01	3.97	70.49	4.04	74.00	4.12
	65	56.42	3.70	59.93	3.83	63.43	3.97	65.96	4.02	70.44	4.09	73.94	4.17
	70	56.38	3.74	59.88	3.88	63.38	4.02	65.91	4.07	70.39	4.14	73.89	4.23
	75	55.02	3.94	58.52	4.09	62.01	4.24	64.53	4.29	68.99	4.37	72.49	4.46
	80	53.67	4.15	57.15	4.30	60.64	4.46	63.15	4.51	67.60	4.59	71.09	4.68
	85	52.32	4.35	55.80	4.51	59.27	4.67	61.78	4.73	66.22	4.81	69.70	4.91
	90	50.98	4.55	54.44	4.72	57.91	4.89	60.42	4.95	64.85	5.04	68.31	5.14
	95	49.52	4.75	52.97	4.93	56.42	5.11	58.00	5.16	62.18	5.17	64.22	5.17
	100	48.93	4.95	52.43	5.14	54.30	5.17	55.44	5.17	59.20	5.17	61.27	5.17
	105	48.35	5.16	50.20	5.17	51.70	5.17	53.03	5.17	56.57	5.17	58.65	5.17
	110	46.03	5.17	47.81	5.17	49.28	5.17	50.80	5.17	54.14	5.17	56.13	5.17
	115	43.83	5.17	45.58	5.17	47.13	5.17	48.73	5.17	51.79	5.17	53.80	5.17
	118	42.59	5.17	44.29	5.17	45.88	5.17	47.58	5.17	50.53	5.17	52.46	5.17
	122	41.32	5.17	42.98	5.17	44.49	5.17	46.19	5.17	49.10	5.17	50.95	5.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 133: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	20.35	1.03	21.61	1.07	22.88	1.11	23.79	1.12	25.41	1.15	26.67	1.17
	0	20.34	1.05	21.60	1.08	22.87	1.12	23.78	1.14	25.39	1.16	26.66	1.18
	5	20.32	1.06	21.59	1.10	22.85	1.14	23.76	1.15	25.37	1.18	26.63	1.20
	10	20.31	1.08	21.57	1.12	22.83	1.16	23.74	1.17	25.35	1.19	26.61	1.22
	14	20.29	1.09	21.55	1.13	22.81	1.18	23.72	1.19	25.33	1.21	26.59	1.24
	20	20.28	1.11	21.54	1.15	22.80	1.19	23.70	1.21	25.31	1.23	26.57	1.25
	25	20.26	1.13	21.52	1.17	22.78	1.21	23.69	1.22	25.29	1.25	26.55	1.27
	30	20.25	1.14	21.50	1.18	22.76	1.23	23.67	1.24	25.28	1.26	26.53	1.29
	35	20.23	1.16	21.49	1.20	22.74	1.24	23.65	1.26	25.26	1.28	26.51	1.31
	40	20.21	1.17	21.47	1.22	22.73	1.26	23.63	1.27	25.24	1.30	26.49	1.32
	45	20.20	1.19	21.45	1.23	22.71	1.28	23.61	1.29	25.22	1.32	26.47	1.34
	50	20.18	1.20	21.44	1.25	22.69	1.29	23.60	1.31	25.20	1.33	26.45	1.36
	55	20.17	1.22	21.42	1.26	22.67	1.31	23.58	1.33	25.18	1.35	26.43	1.38
	60	20.15	1.24	21.40	1.28	22.66	1.33	23.56	1.34	25.16	1.37	26.41	1.40
	65	20.14	1.25	21.39	1.30	22.64	1.34	23.54	1.36	25.14	1.39	26.39	1.41
	70	20.12	1.27	21.37	1.31	22.62	1.36	23.52	1.38	25.12	1.40	26.37	1.43
	75	19.64	1.34	20.88	1.38	22.13	1.43	23.03	1.45	24.62	1.48	25.87	1.51
	80	19.15	1.40	20.40	1.45	21.64	1.51	22.54	1.53	24.13	1.55	25.37	1.59
	85	18.67	1.47	19.91	1.53	21.15	1.58	22.05	1.60	23.64	1.63	24.88	1.66
	90	18.19	1.54	19.43	1.60	20.67	1.65	21.56	1.67	23.14	1.71	24.38	1.74
	95	17.67	1.61	18.90	1.67	20.14	1.73	20.70	1.75	22.60	1.78	23.83	1.82
	100	17.46	1.68	18.71	1.74	19.96	1.80	20.61	1.82	22.46	1.86	23.71	1.89
	105	17.26	1.75	18.52	1.81	19.79	1.88	20.52	1.90	22.32	1.93	23.59	1.97
	110	17.05	1.81	18.33	1.88	19.62	1.95	20.43	1.97	22.18	2.01	23.47	2.05
	115	16.84	1.88	18.14	1.95	19.44	2.02	20.34	2.05	22.05	2.08	23.35	2.13
	118	16.72	1.92	18.03	1.99	19.34	2.07	20.29	2.09	21.96	2.13	23.27	2.17
	122	16.67	1.98	17.99	2.05	19.30	2.12	20.27	2.15	21.94	2.19	23.25	2.23
19	-4	21.39	1.09	22.72	1.13	24.04	1.17	25.00	1.18	26.70	1.21	28.03	1.23
	0	21.38	1.10	22.70	1.14	24.03	1.18	24.99	1.20	26.69	1.22	28.01	1.24
	5	21.36	1.12	22.69	1.16	24.01	1.20	24.97	1.22	26.66	1.24	27.99	1.26
	10	21.34	1.14	22.67	1.18	23.99	1.22	24.95	1.23	26.64	1.26	27.97	1.28
	14	21.33	1.15	22.65	1.19	23.98	1.24	24.93	1.25	26.62	1.28	27.95	1.30
	20	21.31	1.17	22.63	1.21	23.96	1.26	24.91	1.27	26.60	1.29	27.93	1.32
	25	21.29	1.18	22.62	1.23	23.94	1.27	24.89	1.29	26.58	1.31	27.91	1.34
	30	21.28	1.20	22.60	1.25	23.92	1.29	24.87	1.31	26.56	1.33	27.88	1.36
	35	21.26	1.22	22.58	1.26	23.90	1.31	24.86	1.32	26.54	1.35	27.86	1.38
	40	21.24	1.23	22.56	1.28	23.88	1.33	24.84	1.34	26.52	1.37	27.84	1.39
	45	21.23	1.25	22.55	1.30	23.87	1.34	24.82	1.36	26.50	1.39	27.82	1.41
	50	21.21	1.27	22.53	1.31	23.85	1.36	24.80	1.38	26.48	1.40	27.80	1.43
	55	21.20	1.28	22.51	1.33	23.83	1.38	24.78	1.40	26.46	1.42	27.78	1.45
	60	21.18	1.30	22.50	1.35	23.81	1.40	24.76	1.41	26.44	1.44	27.76	1.47
	65	21.16	1.32	22.48	1.37	23.79	1.42	24.74	1.43	26.42	1.46	27.74	1.49
	70	21.15	1.33	22.46	1.38	23.77	1.43	24.72	1.45	26.40	1.48	27.71	1.51
	75	20.64	1.41	21.95	1.46	23.26	1.51	24.20	1.53	25.88	1.56	27.19	1.59
	80	20.13	1.48	21.44	1.53	22.74	1.59	23.69	1.61	25.36	1.64	26.66	1.67
	85	19.63	1.55	20.93	1.61	22.23	1.66	23.17	1.68	24.84	1.72	26.14	1.75
	90	19.12	1.62	20.42	1.68	21.72	1.74	22.66	1.76	24.32	1.80	25.62	1.83
	95	18.57	1.69	19.87	1.76	21.16	1.82	21.75	1.84	23.75	1.87	25.04	1.91
	100	18.35	1.77	19.67	1.83	20.98	1.90	21.66	1.92	23.60	1.95	24.92	1.99
	105	18.14	1.84	19.47	1.90	20.80	1.97	21.57	2.00	23.46	2.03	24.79	2.08
	110	17.92	1.91	19.27	1.98	20.61	2.05	21.47	2.08	23.31	2.11	24.66	2.16
	115	17.70	1.98	19.07	2.05	20.43	2.13	21.38	2.15	23.17	2.19	24.54	2.24
	118	17.57	2.02	18.95	2.10	20.32	2.18	21.32	2.20	23.08	2.24	24.46	2.29
	122	17.52	2.08	18.91	2.16	20.29	2.24	21.30	2.26	23.05	2.31	24.43	2.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 134: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	22.42	1.14	23.82	1.19	25.21	1.23	26.22	1.24	28.00	1.27	29.39	1.29
	0	22.41	1.16	23.80	1.20	25.20	1.24	26.20	1.26	27.98	1.28	29.37	1.31
	5	22.39	1.17	23.79	1.22	25.18	1.26	26.18	1.28	27.96	1.30	29.35	1.33
	10	22.38	1.19	23.77	1.24	25.16	1.28	26.16	1.30	27.94	1.32	29.33	1.35
	14	22.36	1.21	23.75	1.25	25.14	1.30	26.14	1.31	27.91	1.34	29.30	1.37
	20	22.34	1.23	23.73	1.27	25.12	1.32	26.12	1.33	27.89	1.36	29.28	1.39
	25	22.33	1.24	23.71	1.29	25.10	1.34	26.10	1.35	27.87	1.38	29.26	1.41
	30	22.31	1.26	23.69	1.31	25.08	1.36	26.08	1.37	27.85	1.40	29.24	1.43
	35	22.29	1.28	23.68	1.33	25.06	1.37	26.06	1.39	27.83	1.42	29.21	1.44
	40	22.27	1.30	23.66	1.34	25.04	1.39	26.04	1.41	27.81	1.44	29.19	1.46
	45	22.26	1.31	23.64	1.36	25.02	1.41	26.02	1.43	27.79	1.45	29.17	1.48
	50	22.24	1.33	23.62	1.38	25.00	1.43	26.00	1.45	27.77	1.47	29.15	1.50
	55	22.22	1.35	23.60	1.40	24.98	1.45	25.98	1.47	27.74	1.49	29.12	1.52
	60	22.21	1.37	23.59	1.42	24.96	1.47	25.96	1.48	27.72	1.51	29.10	1.54
	65	22.19	1.38	23.57	1.43	24.95	1.49	25.94	1.50	27.70	1.53	29.08	1.56
	70	22.17	1.40	23.55	1.45	24.93	1.51	25.92	1.52	27.68	1.55	29.06	1.58
	75	21.64	1.48	23.01	1.53	24.39	1.59	25.38	1.60	27.13	1.63	28.51	1.67
	80	21.11	1.55	22.48	1.61	23.85	1.67	24.84	1.69	26.59	1.72	27.96	1.75
	85	20.58	1.63	21.94	1.69	23.31	1.75	24.30	1.77	26.04	1.80	27.41	1.84
	90	20.05	1.70	21.41	1.77	22.77	1.83	23.76	1.85	25.50	1.89	26.86	1.92
	95	19.47	1.78	20.83	1.84	22.19	1.91	22.81	1.93	24.90	1.97	26.26	2.01
	100	19.24	1.85	20.62	1.92	22.00	1.99	22.71	2.02	24.75	2.05	26.12	2.09
	105	19.02	1.93	20.41	2.00	21.81	2.07	22.61	2.10	24.60	2.14	25.99	2.18
	110	18.79	2.01	20.20	2.08	21.61	2.15	22.51	2.18	24.44	2.22	25.86	2.26
21	115	18.56	2.08	19.99	2.16	21.42	2.24	22.41	2.26	24.29	2.30	25.72	2.35
	118	18.42	2.13	19.86	2.20	21.31	2.28	22.35	2.31	24.20	2.35	25.64	2.40
	122	18.37	2.19	19.82	2.27	21.27	2.35	22.33	2.38	24.17	2.42	25.62	2.47
	-4	23.46	1.20	24.92	1.24	26.38	1.29	27.43	1.30	29.29	1.33	30.75	1.35
	0	23.45	1.21	24.91	1.26	26.36	1.30	27.41	1.32	29.27	1.34	30.73	1.37
	5	23.43	1.23	24.88	1.28	26.34	1.32	27.39	1.34	29.25	1.36	30.71	1.39
	10	23.41	1.25	24.87	1.30	26.32	1.34	27.37	1.36	29.23	1.38	30.68	1.41
	14	23.39	1.27	24.85	1.31	26.30	1.36	27.35	1.38	29.21	1.40	30.66	1.43
	20	23.38	1.29	24.83	1.33	26.28	1.38	27.33	1.40	29.18	1.42	30.64	1.45
	25	23.36	1.30	24.81	1.35	26.26	1.40	27.31	1.42	29.16	1.44	30.61	1.47
	30	23.34	1.32	24.79	1.37	26.24	1.42	27.29	1.44	29.14	1.46	30.59	1.49
	35	23.32	1.34	24.77	1.39	26.22	1.44	27.27	1.46	29.12	1.48	30.56	1.51
	40	23.30	1.36	24.75	1.41	26.20	1.46	27.24	1.48	29.09	1.50	30.54	1.53
	45	23.29	1.38	24.73	1.43	26.18	1.48	27.22	1.50	29.07	1.52	30.52	1.56
	50	23.27	1.40	24.71	1.45	26.16	1.50	27.20	1.52	29.05	1.54	30.49	1.58
	55	23.25	1.41	24.70	1.47	26.14	1.52	27.18	1.54	29.03	1.56	30.47	1.60
	60	23.23	1.43	24.68	1.48	26.12	1.54	27.16	1.56	29.01	1.59	30.45	1.62
	65	23.22	1.45	24.66	1.50	26.10	1.56	27.14	1.58	28.98	1.61	30.42	1.64
	70	23.20	1.47	24.64	1.52	26.08	1.58	27.12	1.60	28.96	1.63	30.40	1.66
	75	22.64	1.55	24.08	1.60	25.51	1.66	26.55	1.68	28.39	1.71	29.83	1.75
	80	22.08	1.63	23.51	1.69	24.95	1.75	25.98	1.77	27.82	1.80	29.25	1.84
	85	21.53	1.71	22.96	1.77	24.39	1.83	25.42	1.85	27.25	1.89	28.68	1.93
	90	20.97	1.78	22.40	1.85	23.83	1.92	24.86	1.94	26.68	1.98	28.11	2.02
	95	20.37	1.86	21.79	1.93	23.21	2.00	23.86	2.03	26.05	2.06	27.47	2.11
	100	20.13	1.94	21.57	2.01	23.01	2.09	23.76	2.11	25.89	2.15	27.33	2.19
	105	19.89	2.02	21.35	2.10	22.81	2.17	23.66	2.20	25.73	2.24	27.19	2.28
	110	19.65	2.10	21.13	2.18	22.61	2.26	23.55	2.28	25.57	2.33	27.05	2.37
	115	19.41	2.18	20.92	2.26	22.41	2.34	23.45	2.37	25.42	2.41	26.91	2.46
	118	19.27	2.23	20.78	2.31	22.29	2.39	23.39	2.42	25.32	2.47	26.83	2.52
	122	19.22	2.29	20.74	2.38	22.25	2.46	23.37	2.49	25.29	2.54	26.80	2.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 135: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	24.50	1.25	26.02	1.30	27.54	1.35	28.64	1.36	30.58	1.39	32.11	1.42
	0	24.49	1.27	26.01	1.31	27.53	1.36	28.63	1.38	30.57	1.40	32.09	1.43
	5	24.47	1.29	25.98	1.33	27.50	1.38	28.60	1.40	30.54	1.43	32.06	1.45
	10	24.45	1.31	25.96	1.35	27.48	1.40	28.58	1.42	30.52	1.45	32.04	1.48
	14	24.43	1.33	25.95	1.37	27.46	1.42	28.56	1.44	30.50	1.47	32.01	1.50
	20	24.41	1.35	25.93	1.39	27.44	1.45	28.54	1.46	30.47	1.49	31.99	1.52
	25	24.39	1.36	25.91	1.41	27.42	1.47	28.51	1.48	30.45	1.51	31.96	1.54
	30	24.37	1.38	25.89	1.43	27.40	1.49	28.49	1.50	30.43	1.53	31.94	1.56
	35	24.35	1.40	25.87	1.45	27.38	1.51	28.47	1.52	30.40	1.55	31.92	1.58
	40	24.33	1.42	25.85	1.47	27.36	1.53	28.45	1.54	30.38	1.57	31.89	1.61
	45	24.32	1.44	25.83	1.49	27.34	1.55	28.43	1.57	30.36	1.59	31.87	1.63
	50	24.30	1.46	25.81	1.51	27.32	1.57	28.41	1.59	30.33	1.62	31.84	1.65
	55	24.28	1.48	25.79	1.53	27.29	1.59	28.38	1.61	30.31	1.64	31.82	1.67
	60	24.26	1.50	25.77	1.55	27.27	1.61	28.36	1.63	30.29	1.66	31.79	1.69
	65	24.24	1.52	25.75	1.57	27.25	1.63	28.34	1.65	30.26	1.68	31.77	1.71
	70	24.22	1.54	25.73	1.59	27.23	1.65	28.32	1.67	30.24	1.70	31.74	1.73
	75	23.64	1.62	25.14	1.68	26.64	1.74	27.73	1.76	29.64	1.79	31.14	1.83
	80	23.06	1.70	24.55	1.76	26.05	1.83	27.13	1.85	29.05	1.88	30.54	1.92
	85	22.48	1.78	23.97	1.85	25.47	1.92	26.54	1.94	28.45	1.98	29.95	2.01
	90	21.90	1.87	23.39	1.94	24.88	2.01	25.96	2.03	27.86	2.07	29.35	2.11
	95	21.27	1.95	22.76	2.02	24.24	2.09	24.92	2.12	27.20	2.16	28.69	2.20
	100	21.02	2.03	22.53	2.11	24.03	2.18	24.81	2.21	27.04	2.25	28.54	2.30
	105	20.77	2.12	22.30	2.19	23.82	2.27	24.70	2.30	26.87	2.34	28.39	2.39
	110	20.52	2.20	22.07	2.28	23.61	2.36	24.59	2.39	26.70	2.43	28.25	2.48
	115	20.27	2.28	21.84	2.36	23.40	2.45	24.49	2.48	26.54	2.53	28.10	2.58
	118	20.12	2.33	21.70	2.42	23.28	2.50	24.42	2.53	26.44	2.58	28.02	2.63
	122	20.07	2.40	21.66	2.48	23.24	2.58	24.40	2.61	26.41	2.65	27.99	2.71
23	-4	25.54	1.31	27.12	1.36	28.71	1.41	29.85	1.42	31.88	1.45	33.47	1.48
	0	25.52	1.32	27.11	1.37	28.69	1.42	29.84	1.44	31.86	1.46	33.45	1.49
	5	25.50	1.34	27.08	1.39	28.67	1.44	29.81	1.46	31.84	1.49	33.42	1.52
	10	25.48	1.36	27.06	1.41	28.65	1.47	29.79	1.48	31.81	1.51	33.39	1.54
	14	25.46	1.38	27.04	1.44	28.62	1.49	29.77	1.50	31.79	1.53	33.37	1.56
	20	25.44	1.40	27.02	1.46	28.60	1.51	29.74	1.53	31.76	1.55	33.34	1.59
	25	25.42	1.42	27.00	1.48	28.58	1.53	29.72	1.55	31.74	1.58	33.32	1.61
	30	25.40	1.44	26.98	1.50	28.56	1.55	29.70	1.57	31.71	1.60	33.29	1.63
	35	25.38	1.46	26.96	1.52	28.54	1.57	29.68	1.59	31.69	1.62	33.27	1.65
	40	25.36	1.48	26.94	1.54	28.52	1.59	29.65	1.61	31.67	1.64	33.24	1.68
	45	25.35	1.50	26.92	1.56	28.49	1.62	29.63	1.63	31.64	1.66	33.22	1.70
	50	25.33	1.52	26.90	1.58	28.47	1.64	29.61	1.66	31.62	1.69	33.19	1.72
	55	25.31	1.54	26.88	1.60	28.45	1.66	29.59	1.68	31.59	1.71	33.16	1.74
	60	25.29	1.56	26.86	1.62	28.43	1.68	29.56	1.70	31.57	1.73	33.14	1.77
	65	25.27	1.58	26.84	1.64	28.41	1.70	29.54	1.72	31.54	1.75	33.11	1.79
	70	25.25	1.60	26.82	1.66	28.38	1.72	29.52	1.74	31.52	1.78	33.09	1.81
	75	24.64	1.69	26.21	1.75	27.77	1.82	28.90	1.84	30.90	1.87	32.46	1.91
	80	24.03	1.78	25.59	1.84	27.15	1.91	28.28	1.93	30.27	1.97	31.83	2.01
	85	23.43	1.86	24.99	1.93	26.54	2.00	27.67	2.02	29.66	2.06	31.21	2.10
	90	22.83	1.95	24.38	2.02	25.93	2.09	27.06	2.12	29.04	2.16	30.59	2.20
	95	22.18	2.04	23.72	2.11	25.27	2.19	25.97	2.21	28.35	2.25	29.90	2.30
	100	21.91	2.12	23.48	2.20	25.05	2.28	25.86	2.31	28.18	2.35	29.75	2.40
	105	21.65	2.21	23.24	2.29	24.83	2.37	25.75	2.40	28.01	2.45	29.60	2.49
	110	21.39	2.30	23.00	2.38	24.61	2.47	25.64	2.49	27.84	2.54	29.44	2.59
	115	21.13	2.38	22.76	2.47	24.40	2.56	25.52	2.59	27.66	2.64	29.29	2.69
	118	20.97	2.43	22.62	2.52	24.26	2.61	25.45	2.64	27.56	2.69	29.20	2.75
	122	20.92	2.50	22.57	2.59	24.22	2.69	25.43	2.72	27.52	2.77	29.17	2.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 136: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	26.57	1.36	28.22	1.41	29.87	1.47	31.07	1.48	33.17	1.51	34.82	1.54
	0	26.56	1.38	28.21	1.43	29.86	1.48	31.05	1.50	33.16	1.53	34.81	1.56
	5	26.54	1.40	28.18	1.45	29.83	1.51	31.02	1.52	33.13	1.55	34.78	1.58
	10	26.52	1.42	28.16	1.47	29.81	1.53	31.00	1.55	33.10	1.57	34.75	1.61
	14	26.50	1.44	28.14	1.50	29.79	1.55	30.98	1.57	33.08	1.60	34.72	1.63
	20	26.48	1.46	28.12	1.52	29.76	1.57	30.95	1.59	33.05	1.62	34.70	1.65
	25	26.46	1.48	28.10	1.54	29.74	1.60	30.93	1.61	33.03	1.64	34.67	1.68
	30	26.44	1.51	28.08	1.56	29.72	1.62	30.90	1.64	33.00	1.67	34.64	1.70
	35	26.42	1.53	28.06	1.58	29.70	1.64	30.88	1.66	32.98	1.69	34.62	1.72
	40	26.39	1.55	28.03	1.60	29.67	1.66	30.86	1.68	32.95	1.71	34.59	1.75
	45	26.37	1.57	28.01	1.62	29.65	1.68	30.83	1.70	32.93	1.74	34.56	1.77
	50	26.35	1.59	27.99	1.65	29.63	1.71	30.81	1.73	32.90	1.76	34.54	1.79
	55	26.33	1.61	27.97	1.67	29.61	1.73	30.79	1.75	32.88	1.78	34.51	1.82
	60	26.31	1.63	27.95	1.69	29.58	1.75	30.76	1.77	32.85	1.80	34.49	1.84
	65	26.29	1.65	27.93	1.71	29.56	1.77	30.74	1.79	32.83	1.83	34.46	1.86
	70	26.27	1.67	27.91	1.73	29.54	1.80	30.72	1.82	32.80	1.85	34.43	1.89
	75	25.64	1.76	27.27	1.83	28.90	1.89	30.07	1.91	32.15	1.95	33.78	1.99
	80	25.01	1.85	26.63	1.92	28.26	1.99	29.43	2.01	31.50	2.05	33.13	2.09
	85	24.38	1.94	26.00	2.01	27.62	2.09	28.79	2.11	30.86	2.15	32.48	2.19
	90	23.76	2.03	25.37	2.11	26.99	2.18	28.15	2.21	30.22	2.25	31.83	2.29
	95	23.08	2.12	24.68	2.20	26.29	2.28	27.03	2.31	29.51	2.35	31.11	2.40
	100	22.80	2.21	24.43	2.29	26.06	2.38	26.91	2.40	29.33	2.45	30.96	2.50
	105	22.53	2.30	24.19	2.39	25.84	2.47	26.79	2.50	29.15	2.55	30.80	2.60
	110	22.26	2.39	23.94	2.48	25.61	2.57	26.68	2.60	28.97	2.65	30.64	2.70
	115	21.99	2.48	23.69	2.57	25.39	2.67	26.56	2.70	28.79	2.75	30.48	2.80
	118	21.83	2.54	23.54	2.63	25.25	2.73	26.49	2.76	28.68	2.81	30.39	2.87
	122	21.77	2.61	23.49	2.70	25.20	2.80	26.46	2.84	28.64	2.89	30.36	2.95
25	-4	27.61	1.42	29.32	1.47	31.04	1.53	32.28	1.54	34.47	1.57	36.18	1.60
	0	27.59	1.44	29.31	1.49	31.02	1.54	32.26	1.56	34.45	1.59	36.16	1.62
	5	27.57	1.46	29.28	1.51	31.00	1.57	32.23	1.59	34.42	1.62	36.13	1.65
	10	27.55	1.48	29.26	1.53	30.97	1.59	32.21	1.61	34.40	1.64	36.11	1.67
	14	27.53	1.50	29.24	1.56	30.95	1.61	32.18	1.63	34.37	1.66	36.08	1.70
	20	27.51	1.52	29.22	1.58	30.93	1.64	32.16	1.66	34.34	1.69	36.05	1.72
	25	27.49	1.55	29.20	1.60	30.90	1.66	32.14	1.68	34.32	1.71	36.02	1.75
	30	27.47	1.57	29.17	1.62	30.88	1.68	32.11	1.70	34.29	1.73	36.00	1.77
	35	27.45	1.59	29.15	1.65	30.86	1.71	32.09	1.73	34.26	1.76	35.97	1.79
	40	27.43	1.61	29.13	1.67	30.83	1.73	32.06	1.75	34.24	1.78	35.94	1.82
	45	27.40	1.63	29.11	1.69	30.81	1.75	32.04	1.77	34.21	1.81	35.91	1.84
	50	27.38	1.65	29.08	1.71	30.78	1.78	32.01	1.80	34.19	1.83	35.89	1.87
	55	27.36	1.67	29.06	1.74	30.76	1.80	31.99	1.82	34.16	1.85	35.86	1.89
	60	27.34	1.70	29.04	1.76	30.74	1.82	31.96	1.84	34.13	1.88	35.83	1.92
	65	27.32	1.72	29.02	1.78	30.71	1.85	31.94	1.87	34.11	1.90	35.80	1.94
	70	27.30	1.74	28.99	1.80	30.69	1.87	31.91	1.89	34.08	1.93	35.78	1.96
	75	26.64	1.83	28.33	1.90	30.02	1.97	31.25	1.99	33.41	2.03	35.10	2.07
	80	25.99	1.93	27.67	2.00	29.36	2.07	30.58	2.09	32.73	2.13	34.42	2.18
	85	25.33	2.02	27.02	2.09	28.70	2.17	29.92	2.20	32.07	2.24	33.75	2.28
	90	24.68	2.11	26.36	2.19	28.04	2.27	29.25	2.30	31.40	2.34	33.08	2.39
	95	23.98	2.21	25.65	2.29	27.32	2.37	28.08	2.40	30.66	2.45	32.33	2.49
	100	23.69	2.30	25.39	2.39	27.08	2.47	27.96	2.50	30.47	2.55	32.16	2.60
	105	23.41	2.40	25.13	2.48	26.85	2.57	27.84	2.60	30.28	2.65	32.00	2.71
	110	23.13	2.49	24.87	2.58	26.61	2.68	27.72	2.71	30.10	2.76	31.84	2.81
	115	22.85	2.58	24.61	2.68	26.38	2.78	27.59	2.81	29.91	2.86	31.67	2.92
	118	22.68	2.64	24.46	2.74	26.24	2.84	27.52	2.87	29.80	2.92	31.57	2.98
	122	22.62	2.72	24.41	2.81	26.19	2.92	27.50	2.95	29.76	3.01	31.54	3.07

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 137: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	28.65	1.48	30.43	1.53	32.20	1.59	33.49	1.60	35.76	1.63	37.54	1.67
	0	28.63	1.49	30.41	1.55	32.19	1.60	33.47	1.62	35.74	1.65	37.52	1.69
	5	28.61	1.52	30.38	1.57	32.16	1.63	33.44	1.65	35.71	1.68	37.49	1.71
	10	28.59	1.54	30.36	1.59	32.14	1.65	33.42	1.67	35.69	1.70	37.46	1.74
	14	28.56	1.56	30.34	1.62	32.11	1.68	33.39	1.70	35.66	1.73	37.43	1.76
	20	28.54	1.58	30.31	1.64	32.09	1.70	33.37	1.72	35.63	1.75	37.41	1.79
	25	28.52	1.61	30.29	1.66	32.06	1.73	33.34	1.75	35.61	1.78	37.38	1.81
	30	28.50	1.63	30.27	1.69	32.04	1.75	33.32	1.77	35.58	1.80	37.35	1.84
	35	28.48	1.65	30.25	1.71	32.01	1.77	33.29	1.79	35.55	1.83	37.32	1.86
	40	28.46	1.67	30.22	1.73	31.99	1.80	33.27	1.82	35.52	1.85	37.29	1.89
	45	28.43	1.70	30.20	1.76	31.96	1.82	33.24	1.84	35.50	1.88	37.26	1.92
	50	28.41	1.72	30.18	1.78	31.94	1.85	33.21	1.87	35.47	1.90	37.23	1.94
	55	28.39	1.74	30.15	1.80	31.92	1.87	33.19	1.89	35.44	1.93	37.21	1.97
	60	28.37	1.76	30.13	1.83	31.89	1.89	33.16	1.92	35.42	1.95	37.18	1.99
	65	28.35	1.79	30.11	1.85	31.87	1.92	33.14	1.94	35.39	1.98	37.15	2.02
	70	28.32	1.81	30.08	1.87	31.84	1.94	33.11	1.96	35.36	2.00	37.12	2.04
	75	27.64	1.91	29.40	1.98	31.15	2.05	32.42	2.07	34.66	2.11	36.42	2.15
	80	26.96	2.00	28.71	2.08	30.46	2.15	31.73	2.18	33.96	2.22	35.71	2.26
	85	26.29	2.10	28.03	2.18	29.78	2.26	31.04	2.28	33.27	2.33	35.02	2.37
	90	25.61	2.20	27.35	2.28	29.09	2.36	30.35	2.39	32.58	2.43	34.32	2.48
	95	24.88	2.30	26.61	2.38	28.34	2.47	29.14	2.49	31.81	2.54	33.54	2.59
	100	24.58	2.39	26.34	2.48	28.10	2.57	29.01	2.60	31.61	2.65	33.37	2.70
27	105	24.29	2.49	26.07	2.58	27.86	2.68	28.88	2.71	31.42	2.76	33.20	2.81
	110	24.00	2.59	25.81	2.68	27.61	2.78	28.76	2.81	31.23	2.87	33.03	2.92
	115	23.70	2.69	25.54	2.78	27.37	2.89	28.63	2.92	31.03	2.97	32.86	3.03
	118	23.53	2.74	25.38	2.84	27.22	2.95	28.56	2.98	30.92	3.04	32.76	3.10
	122	23.47	2.82	25.32	2.93	27.17	3.03	28.53	3.07	30.88	3.12	32.73	3.19
	-4	29.68	1.53	31.53	1.59	33.37	1.65	34.70	1.66	37.06	1.70	38.90	1.73
	0	29.67	1.55	31.51	1.61	33.35	1.66	34.68	1.68	37.04	1.71	38.88	1.75
	5	29.64	1.57	31.48	1.63	33.33	1.69	34.65	1.71	37.01	1.74	38.85	1.78
	10	29.62	1.60	31.46	1.66	33.30	1.72	34.63	1.74	36.98	1.77	38.82	1.80
	14	29.60	1.62	31.44	1.68	33.27	1.74	34.60	1.76	36.95	1.79	38.79	1.83
	20	29.58	1.64	31.41	1.70	33.25	1.77	34.58	1.79	36.92	1.82	38.76	1.86
	25	29.55	1.67	31.39	1.73	33.22	1.79	34.55	1.81	36.89	1.85	38.73	1.88
	30	29.53	1.69	31.36	1.75	33.20	1.82	34.52	1.84	36.87	1.87	38.70	1.91
	35	29.51	1.71	31.34	1.78	33.17	1.84	34.50	1.86	36.84	1.90	38.67	1.94
	40	29.49	1.74	31.32	1.80	33.15	1.87	34.47	1.89	36.81	1.92	38.64	1.96
	45	29.46	1.76	31.29	1.82	33.12	1.89	34.44	1.91	36.78	1.95	38.61	1.99
	50	29.44	1.78	31.27	1.85	33.10	1.92	34.42	1.94	36.75	1.97	38.58	2.01
	55	29.42	1.81	31.24	1.87	33.07	1.94	34.39	1.96	36.73	2.00	38.55	2.04
	60	29.39	1.83	31.22	1.90	33.05	1.97	34.36	1.99	36.70	2.03	38.52	2.07
	65	29.37	1.85	31.20	1.92	33.02	1.99	34.34	2.01	36.67	2.05	38.49	2.09
	70	29.35	1.88	31.17	1.95	33.00	2.02	34.31	2.04	36.64	2.08	38.46	2.12
	75	28.64	1.98	30.46	2.05	32.28	2.12	33.59	2.15	35.92	2.19	37.73	2.23
	80	27.94	2.08	29.75	2.15	31.56	2.23	32.87	2.26	35.19	2.30	37.01	2.35
	85	27.24	2.18	29.05	2.26	30.86	2.34	32.16	2.37	34.47	2.41	36.28	2.46
	90	26.54	2.28	28.34	2.36	30.15	2.45	31.45	2.48	33.76	2.53	35.56	2.58
	95	25.78	2.38	27.57	2.47	29.37	2.56	30.19	2.59	32.96	2.64	34.76	2.69
	100	25.47	2.48	27.30	2.57	29.12	2.67	30.06	2.70	32.76	2.75	34.58	2.81
	105	25.17	2.59	27.02	2.68	28.86	2.78	29.93	2.81	32.56	2.86	34.40	2.92
	110	24.87	2.69	26.74	2.78	28.61	2.89	29.80	2.92	32.36	2.97	34.23	3.03
	115	24.56	2.79	26.46	2.89	28.36	3.00	29.67	3.03	32.16	3.09	34.05	3.15
	118	24.38	2.85	26.29	2.95	28.21	3.06	29.59	3.10	32.03	3.15	33.95	3.22
	122	24.32	2.93	26.24	3.04	28.16	3.15	29.56	3.18	31.99	3.24	33.91	3.31

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 138: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	30.72	1.59	32.63	1.65	34.54	1.71	35.91	1.73	38.35	1.76	40.26	1.79
	0	30.70	1.61	32.61	1.66	34.52	1.72	35.89	1.74	38.33	1.78	40.24	1.81
	5	30.68	1.63	32.58	1.69	34.49	1.75	35.87	1.77	38.30	1.81	40.21	1.84
	10	30.66	1.66	32.56	1.72	34.46	1.78	35.84	1.80	38.27	1.83	40.17	1.87
	14	30.63	1.68	32.53	1.74	34.44	1.80	35.81	1.83	38.24	1.86	40.14	1.90
	20	30.61	1.70	32.51	1.77	34.41	1.83	35.78	1.85	38.21	1.89	40.11	1.92
	25	30.59	1.73	32.48	1.79	34.38	1.86	35.76	1.88	38.18	1.91	40.08	1.95
	30	30.56	1.75	32.46	1.82	34.36	1.88	35.73	1.90	38.15	1.94	40.05	1.98
	35	30.54	1.78	32.44	1.84	34.33	1.91	35.70	1.93	38.12	1.97	40.02	2.01
	40	30.52	1.80	32.41	1.87	34.31	1.93	35.67	1.96	38.10	1.99	39.99	2.03
	45	30.49	1.82	32.39	1.89	34.28	1.96	35.65	1.98	38.07	2.02	39.96	2.06
	50	30.47	1.85	32.36	1.92	34.25	1.99	35.62	2.01	38.04	2.05	39.93	2.09
	55	30.45	1.87	32.34	1.94	34.23	2.01	35.59	2.04	38.01	2.07	39.90	2.12
	60	30.42	1.90	32.31	1.97	34.20	2.04	35.56	2.06	37.98	2.10	39.87	2.14
	65	30.40	1.92	32.29	1.99	34.17	2.06	35.54	2.09	37.95	2.13	39.84	2.17
	70	30.37	1.95	32.26	2.02	34.15	2.09	35.51	2.11	37.92	2.15	39.81	2.20
	75	29.64	2.05	31.53	2.13	33.41	2.20	34.77	2.23	37.17	2.27	39.05	2.32
	80	28.91	2.16	30.79	2.23	32.67	2.32	34.02	2.34	36.42	2.39	38.30	2.43
	85	28.19	2.26	30.06	2.34	31.93	2.43	33.29	2.46	35.68	2.50	37.55	2.55
	90	27.46	2.37	29.33	2.45	31.20	2.54	32.55	2.57	34.94	2.62	36.80	2.67
	95	26.68	2.47	28.54	2.56	30.39	2.65	31.25	2.68	34.11	2.73	35.97	2.79
	100	26.36	2.58	28.25	2.67	30.13	2.77	31.11	2.80	33.90	2.85	35.79	2.91
29	105	26.05	2.68	27.96	2.78	29.87	2.88	30.98	2.91	33.70	2.97	35.61	3.03
	110	25.74	2.79	27.67	2.89	29.61	2.99	30.84	3.03	33.49	3.08	35.42	3.15
	115	25.42	2.89	27.39	3.00	29.35	3.10	30.70	3.14	33.28	3.20	35.24	3.26
	118	25.23	2.95	27.21	3.06	29.19	3.17	30.62	3.21	33.15	3.27	35.13	3.34
	122	25.17	3.04	27.16	3.15	29.14	3.26	30.60	3.30	33.11	3.36	35.10	3.43
	-4	31.76	1.64	33.73	1.70	35.70	1.77	37.13	1.79	39.65	1.82	41.62	1.86
	0	31.74	1.66	33.71	1.72	35.68	1.79	37.11	1.81	39.63	1.84	41.60	1.88
	5	31.71	1.69	33.68	1.75	35.65	1.82	37.08	1.84	39.59	1.87	41.56	1.91
	10	31.69	1.71	33.66	1.78	35.63	1.84	37.05	1.86	39.56	1.90	41.53	1.94
	14	31.67	1.74	33.63	1.80	35.60	1.87	37.02	1.89	39.53	1.93	41.50	1.96
	20	31.64	1.76	33.61	1.83	35.57	1.90	36.99	1.92	39.50	1.95	41.47	1.99
	25	31.62	1.79	33.58	1.85	35.54	1.92	36.96	1.94	39.47	1.98	41.44	2.02
	30	31.59	1.81	33.56	1.88	35.52	1.95	36.93	1.97	39.44	2.01	41.40	2.05
	35	31.57	1.84	33.53	1.91	35.49	1.98	36.91	2.00	39.41	2.04	41.37	2.08
	40	31.55	1.86	33.50	1.93	35.46	2.00	36.88	2.03	39.38	2.06	41.34	2.11
	45	31.52	1.89	33.48	1.96	35.44	2.03	36.85	2.05	39.35	2.09	41.31	2.13
	50	31.50	1.91	33.45	1.98	35.41	2.06	36.82	2.08	39.32	2.12	41.28	2.16
	55	31.47	1.94	33.43	2.01	35.38	2.08	36.79	2.11	39.29	2.15	41.25	2.19
	60	31.45	1.96	33.40	2.04	35.35	2.11	36.77	2.14	39.26	2.17	41.21	2.22
	65	31.42	1.99	33.38	2.06	35.33	2.14	36.74	2.16	39.23	2.20	41.18	2.25
	70	31.40	2.01	33.35	2.09	35.30	2.16	36.71	2.19	39.20	2.23	41.15	2.28
	75	30.64	2.12	32.59	2.20	34.54	2.28	35.94	2.31	38.43	2.35	40.37	2.40
	80	29.89	2.23	31.83	2.31	33.77	2.40	35.17	2.43	37.65	2.47	39.59	2.52
	85	29.14	2.34	31.08	2.43	33.01	2.51	34.41	2.54	36.88	2.59	38.82	2.64
	90	28.39	2.45	30.32	2.54	32.25	2.63	33.65	2.66	36.11	2.71	38.05	2.77
	95	27.58	2.56	29.50	2.65	31.42	2.75	32.30	2.78	35.26	2.83	37.18	2.89
	100	27.25	2.67	29.20	2.76	31.15	2.86	32.16	2.90	35.05	2.95	37.00	3.01
	105	26.93	2.78	28.91	2.88	30.88	2.98	32.02	3.02	34.83	3.07	36.81	3.13
	110	26.60	2.88	28.61	2.99	30.61	3.10	31.88	3.13	34.62	3.19	36.62	3.26
	115	26.28	2.99	28.31	3.10	30.34	3.22	31.74	3.25	34.40	3.31	36.43	3.38
	118	26.08	3.06	28.13	3.17	30.18	3.29	31.66	3.32	34.27	3.39	36.32	3.45
	122	26.02	3.14	28.07	3.26	30.12	3.38	31.63	3.42	34.23	3.48	36.28	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 139: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	32.79	1.70	34.83	1.76	36.87	1.83	38.34	1.85	40.94	1.88	42.98	1.92
	0	32.78	1.72	34.81	1.78	36.85	1.85	38.32	1.87	40.92	1.90	42.95	1.94
	5	32.75	1.75	34.78	1.81	36.82	1.88	38.29	1.90	40.89	1.94	42.92	1.97
	10	32.72	1.77	34.76	1.84	36.79	1.91	38.26	1.93	40.85	1.96	42.89	2.00
	14	32.70	1.80	34.73	1.87	36.76	1.93	38.23	1.96	40.82	1.99	42.85	2.03
	20	32.67	1.83	34.70	1.89	36.73	1.96	38.20	1.98	40.79	2.02	42.82	2.06
	25	32.65	1.85	34.68	1.92	36.71	1.99	38.17	2.01	40.76	2.05	42.79	2.09
	30	32.63	1.88	34.65	1.95	36.68	2.02	38.14	2.04	40.73	2.08	42.76	2.12
	35	32.60	1.90	34.62	1.97	36.65	2.04	38.11	2.07	40.70	2.11	42.72	2.15
	40	32.58	1.93	34.60	2.00	36.62	2.07	38.08	2.10	40.67	2.14	42.69	2.18
	45	32.55	1.95	34.57	2.03	36.59	2.10	38.05	2.12	40.64	2.16	42.66	2.21
	50	32.53	1.98	34.55	2.05	36.57	2.13	38.02	2.15	40.61	2.19	42.63	2.24
	55	32.50	2.01	34.52	2.08	36.54	2.16	37.99	2.18	40.57	2.22	42.59	2.27
	60	32.48	2.03	34.49	2.11	36.51	2.18	37.97	2.21	40.54	2.25	42.56	2.30
	65	32.45	2.06	34.47	2.13	36.48	2.21	37.94	2.24	40.51	2.28	42.53	2.32
	70	32.43	2.08	34.44	2.16	36.45	2.24	37.91	2.26	40.48	2.31	42.49	2.35
	75	31.65	2.20	33.65	2.28	35.66	2.36	37.11	2.39	39.68	2.43	41.69	2.48
	80	30.86	2.31	32.87	2.39	34.87	2.48	36.32	2.51	38.88	2.56	40.88	2.61
	85	30.09	2.42	32.09	2.51	34.09	2.60	35.53	2.63	38.09	2.68	40.09	2.73
	90	29.32	2.53	31.31	2.63	33.31	2.72	34.75	2.75	37.29	2.80	39.29	2.86
	95	28.48	2.65	30.46	2.74	32.45	2.84	33.36	2.88	36.41	2.93	38.40	2.99
	100	28.14	2.76	30.16	2.86	32.17	2.96	33.21	3.00	36.19	3.05	38.20	3.12
	105	27.81	2.87	29.85	2.98	31.89	3.08	33.07	3.12	35.97	3.18	38.01	3.24
	110	27.47	2.98	29.54	3.09	31.61	3.21	32.92	3.24	35.75	3.30	37.81	3.37
31	115	27.14	3.10	29.23	3.21	31.33	3.33	32.78	3.36	35.53	3.43	37.62	3.50
	118	26.94	3.16	29.05	3.28	31.16	3.40	32.69	3.44	35.39	3.50	37.50	3.57
	122	26.87	3.25	28.99	3.37	31.11	3.50	32.66	3.54	35.35	3.60	37.46	3.67
	-4	33.83	1.76	35.93	1.82	38.03	1.89	39.55	1.91	42.24	1.95	44.34	1.99
	0	33.81	1.78	35.91	1.84	38.01	1.91	39.53	1.93	42.21	1.97	44.31	2.01
	5	33.79	1.81	35.88	1.87	37.98	1.94	39.50	1.96	42.18	2.00	44.28	2.04
	10	33.76	1.83	35.86	1.90	37.95	1.97	39.47	1.99	42.15	2.03	44.24	2.07
	14	33.73	1.86	35.83	1.93	37.92	2.00	39.44	2.02	42.11	2.06	44.21	2.10
	20	33.71	1.89	35.80	1.96	37.90	2.03	39.41	2.05	42.08	2.09	44.18	2.13
	25	33.68	1.91	35.77	1.98	37.87	2.06	39.38	2.08	42.05	2.12	44.14	2.16
	30	33.66	1.94	35.75	2.01	37.84	2.08	39.35	2.11	42.02	2.15	44.11	2.19
	35	33.63	1.97	35.72	2.04	37.81	2.11	39.32	2.14	41.99	2.18	44.07	2.22
	40	33.61	1.99	35.69	2.07	37.78	2.14	39.29	2.17	41.95	2.21	44.04	2.25
	45	33.58	2.02	35.66	2.09	37.75	2.17	39.26	2.20	41.92	2.24	44.01	2.28
	50	33.55	2.05	35.64	2.12	37.72	2.20	39.23	2.22	41.89	2.27	43.97	2.31
	55	33.53	2.07	35.61	2.15	37.69	2.23	39.20	2.25	41.86	2.30	43.94	2.34
	60	33.50	2.10	35.58	2.18	37.66	2.26	39.17	2.28	41.82	2.33	43.91	2.37
	65	33.48	2.13	35.56	2.20	37.63	2.28	39.14	2.31	41.79	2.35	43.87	2.40
	70	33.45	2.15	35.53	2.23	37.61	2.31	39.11	2.34	41.76	2.38	43.84	2.43
	75	32.65	2.27	34.72	2.35	36.79	2.44	38.29	2.47	40.94	2.51	43.01	2.56
	80	31.84	2.39	33.91	2.47	35.98	2.56	37.47	2.59	40.11	2.64	42.18	2.69
	85	31.04	2.50	33.11	2.59	35.17	2.69	36.66	2.72	39.29	2.77	41.35	2.83
	90	30.25	2.62	32.30	2.71	34.36	2.81	35.84	2.85	38.47	2.90	40.53	2.96
	95	29.38	2.73	31.43	2.83	33.47	2.94	34.41	2.97	37.57	3.03	39.61	3.09
	100	29.03	2.85	31.11	2.95	33.18	3.06	34.26	3.10	37.34	3.16	39.41	3.22
	105	28.69	2.97	30.79	3.08	32.90	3.19	34.11	3.22	37.11	3.28	39.21	3.35
	110	28.34	3.08	30.48	3.20	32.61	3.31	33.96	3.35	36.88	3.41	39.01	3.48
	115	28.00	3.20	30.16	3.32	32.32	3.44	33.81	3.48	36.65	3.54	38.81	3.61
	118	27.79	3.27	29.97	3.39	32.15	3.51	33.72	3.55	36.51	3.62	38.69	3.69
	122	27.72	3.36	29.91	3.48	32.09	3.61	33.69	3.65	36.47	3.72	38.65	3.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 140: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	34.87	1.82	37.03	1.88	39.20	1.95	40.76	1.97	43.53	2.01	45.70	2.05
	0	34.85	1.84	37.01	1.90	39.18	1.97	40.74	1.99	43.51	2.03	45.67	2.07
	5	34.82	1.86	36.98	1.93	39.15	2.00	40.71	2.03	43.47	2.06	45.63	2.11
	10	34.79	1.89	36.96	1.96	39.12	2.03	40.68	2.06	43.44	2.10	45.60	2.14
	14	34.77	1.92	36.93	1.99	39.09	2.06	40.65	2.09	43.40	2.13	45.56	2.17
	20	34.74	1.95	36.90	2.02	39.06	2.09	40.61	2.12	43.37	2.16	45.53	2.20
	25	34.71	1.98	36.87	2.05	39.03	2.12	40.58	2.15	43.34	2.19	45.49	2.23
	30	34.69	2.00	36.84	2.08	39.00	2.15	40.55	2.18	43.31	2.22	45.46	2.26
	35	34.66	2.03	36.81	2.10	38.97	2.18	40.52	2.21	43.27	2.25	45.43	2.29
	40	34.64	2.06	36.79	2.13	38.94	2.21	40.49	2.24	43.24	2.28	45.39	2.32
	45	34.61	2.09	36.76	2.16	38.91	2.24	40.46	2.27	43.21	2.31	45.36	2.36
	50	34.58	2.11	36.73	2.19	38.88	2.27	40.43	2.30	43.17	2.34	45.32	2.39
	55	34.56	2.14	36.70	2.22	38.85	2.30	40.40	2.33	43.14	2.37	45.29	2.42
	60	34.53	2.17	36.67	2.25	38.82	2.33	40.37	2.36	43.11	2.40	45.25	2.45
	65	34.50	2.20	36.65	2.28	38.79	2.36	40.34	2.39	43.07	2.43	45.22	2.48
	70	34.48	2.22	36.62	2.30	38.76	2.39	40.30	2.42	43.04	2.46	45.18	2.51
	75	33.65	2.34	35.78	2.43	37.92	2.52	39.46	2.55	42.19	2.59	44.33	2.65
	80	32.82	2.46	34.95	2.55	37.08	2.65	38.62	2.68	41.34	2.73	43.47	2.78
	85	31.99	2.58	34.12	2.68	36.25	2.78	37.78	2.81	40.50	2.86	42.62	2.92
	90	31.17	2.70	33.29	2.80	35.41	2.90	36.94	2.94	39.65	2.99	41.77	3.05
	95	30.28	2.82	32.39	2.93	34.50	3.03	35.47	3.07	38.72	3.13	40.83	3.19
	100	29.92	2.94	32.06	3.05	34.20	3.16	35.31	3.20	38.48	3.26	40.62	3.32
	105	29.57	3.06	31.74	3.17	33.90	3.29	35.16	3.33	38.24	3.39	40.41	3.46
	110	29.21	3.18	31.41	3.30	33.61	3.42	35.00	3.46	38.01	3.52	40.21	3.59
	115	28.85	3.30	31.08	3.42	33.31	3.55	34.85	3.59	37.77	3.66	40.00	3.73
	118	28.64	3.37	30.89	3.50	33.13	3.63	34.76	3.67	37.63	3.74	39.88	3.81
	122	28.57	3.47	30.82	3.60	33.07	3.73	34.73	3.77	37.58	3.84	39.83	3.92
33	-4	35.91	1.87	38.14	1.94	40.37	2.01	41.98	2.03	44.83	2.07	47.06	2.11
	0	35.89	1.89	38.11	1.96	40.34	2.03	41.95	2.06	44.80	2.10	47.03	2.14
	5	35.86	1.92	38.08	1.99	40.31	2.07	41.92	2.09	44.76	2.13	46.99	2.17
	10	35.83	1.95	38.05	2.02	40.28	2.10	41.89	2.12	44.73	2.16	46.95	2.20
	14	35.80	1.98	38.03	2.05	40.25	2.13	41.85	2.15	44.70	2.19	46.92	2.24
	20	35.77	2.01	38.00	2.08	40.22	2.16	41.82	2.18	44.66	2.22	46.88	2.27
	25	35.75	2.04	37.97	2.11	40.19	2.19	41.79	2.21	44.63	2.26	46.85	2.30
	30	35.72	2.07	37.94	2.14	40.16	2.22	41.76	2.25	44.59	2.29	46.81	2.33
	35	35.69	2.09	37.91	2.17	40.13	2.25	41.73	2.28	44.56	2.32	46.78	2.37
	40	35.67	2.12	37.88	2.20	40.10	2.28	41.69	2.31	44.53	2.35	46.74	2.40
	45	35.64	2.15	37.85	2.23	40.06	2.31	41.66	2.34	44.49	2.38	46.70	2.43
	50	35.61	2.18	37.82	2.26	40.03	2.34	41.63	2.37	44.46	2.41	46.67	2.46
	55	35.58	2.21	37.79	2.29	40.00	2.37	41.60	2.40	44.42	2.44	46.63	2.49
	60	35.56	2.24	37.76	2.32	39.97	2.40	41.57	2.43	44.39	2.48	46.60	2.53
	65	35.53	2.27	37.74	2.35	39.94	2.43	41.54	2.46	44.35	2.51	46.56	2.56
	70	35.50	2.29	37.71	2.38	39.91	2.46	41.50	2.49	44.32	2.54	46.53	2.59
	75	34.65	2.42	36.85	2.51	39.05	2.60	40.63	2.63	43.44	2.68	45.64	2.73
	80	33.79	2.54	35.99	2.63	38.18	2.73	39.77	2.76	42.57	2.81	44.76	2.87
	85	32.95	2.66	35.13	2.76	37.32	2.86	38.90	2.90	41.70	2.95	43.89	3.01
	90	32.10	2.79	34.28	2.89	36.47	3.00	38.04	3.03	40.83	3.09	43.01	3.15
	95	31.18	2.91	33.35	3.02	35.52	3.13	36.52	3.16	39.87	3.22	42.04	3.29
	100	30.81	3.04	33.02	3.15	35.22	3.26	36.36	3.30	39.63	3.36	41.83	3.43
	105	30.45	3.16	32.68	3.28	34.91	3.39	36.20	3.43	39.38	3.50	41.62	3.57
	110	30.08	3.28	32.34	3.40	34.61	3.53	36.05	3.57	39.14	3.63	41.40	3.71
	115	29.71	3.41	32.01	3.53	34.30	3.66	35.89	3.70	38.90	3.77	41.19	3.85
	118	29.49	3.48	31.81	3.61	34.12	3.74	35.79	3.78	38.75	3.85	41.06	3.93
	122	29.42	3.58	31.74	3.71	34.06	3.85	35.76	3.89	38.70	3.96	41.02	4.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 141: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	36.94	1.93	39.24	2.00	41.53	2.07	43.19	2.10	46.12	2.14	48.41	2.18
	0	36.92	1.95	39.22	2.02	41.51	2.10	43.16	2.12	46.09	2.16	48.39	2.20
	5	36.89	1.98	39.18	2.05	41.47	2.13	43.13	2.15	46.06	2.19	48.35	2.24
	10	36.86	2.01	39.15	2.09	41.44	2.16	43.10	2.19	46.02	2.23	48.31	2.27
	14	36.84	2.04	39.12	2.12	41.41	2.19	43.06	2.22	45.99	2.26	48.27	2.31
	20	36.81	2.07	39.09	2.15	41.38	2.22	43.03	2.25	45.95	2.29	48.24	2.34
	25	36.78	2.10	39.06	2.18	41.35	2.26	43.00	2.28	45.92	2.32	48.20	2.37
	30	36.75	2.13	39.03	2.21	41.32	2.29	42.96	2.31	45.88	2.36	48.16	2.40
	35	36.72	2.16	39.00	2.24	41.28	2.32	42.93	2.35	45.85	2.39	48.13	2.44
	40	36.70	2.19	38.97	2.27	41.25	2.35	42.90	2.38	45.81	2.42	48.09	2.47
	45	36.67	2.22	38.94	2.30	41.22	2.38	42.87	2.41	45.78	2.45	48.05	2.50
	50	36.64	2.25	38.91	2.33	41.19	2.41	42.83	2.44	45.74	2.49	48.02	2.54
	55	36.61	2.28	38.88	2.36	41.16	2.45	42.80	2.47	45.71	2.52	47.98	2.57
	60	36.58	2.31	38.85	2.39	41.13	2.48	42.77	2.51	45.67	2.55	47.94	2.60
	65	36.55	2.33	38.83	2.42	41.10	2.51	42.73	2.54	45.64	2.58	47.91	2.64
	70	36.53	2.36	38.80	2.45	41.06	2.54	42.70	2.57	45.60	2.62	47.87	2.67
	75	35.65	2.49	37.91	2.58	40.17	2.68	41.81	2.71	44.70	2.76	46.96	2.81
	80	34.77	2.62	37.03	2.71	39.28	2.81	40.91	2.85	43.80	2.90	46.06	2.96
	85	33.90	2.75	36.15	2.85	38.40	2.95	40.03	2.98	42.90	3.04	45.16	3.10
	90	33.03	2.87	35.27	2.98	37.52	3.09	39.14	3.12	42.01	3.18	44.26	3.25
	95	32.08	3.00	34.32	3.11	36.55	3.22	37.58	3.26	41.02	3.32	43.26	3.39
	100	31.70	3.13	33.97	3.24	36.24	3.36	37.41	3.40	40.77	3.46	43.04	3.53
	105	31.33	3.26	33.62	3.38	35.92	3.50	37.25	3.54	40.52	3.61	42.82	3.68
	110	30.95	3.38	33.28	3.51	35.61	3.64	37.09	3.68	40.27	3.75	42.60	3.82
	115	30.57	3.51	32.93	3.64	35.29	3.77	36.92	3.82	40.02	3.89	42.38	3.97
	118	30.34	3.59	32.73	3.72	35.10	3.85	36.82	3.90	39.87	3.97	42.25	4.05
	122	30.27	3.69	32.66	3.82	35.04	3.96	36.79	4.01	39.82	4.09	42.20	4.17
35	-4	37.98	1.99	40.34	2.06	42.70	2.14	44.40	2.16	47.41	2.20	49.77	2.24
	0	37.96	2.01	40.32	2.08	42.67	2.16	44.38	2.18	47.39	2.22	49.75	2.27
	5	37.93	2.04	40.28	2.12	42.64	2.19	44.34	2.22	47.35	2.26	49.70	2.31
	10	37.90	2.07	40.25	2.15	42.61	2.23	44.31	2.25	47.31	2.29	49.67	2.34
	14	37.87	2.10	40.22	2.18	42.57	2.26	44.27	2.28	47.28	2.33	49.63	2.37
	20	37.84	2.13	40.19	2.21	42.54	2.29	44.24	2.32	47.24	2.36	49.59	2.41
	25	37.81	2.16	40.16	2.24	42.51	2.32	44.20	2.35	47.21	2.39	49.55	2.44
	30	37.78	2.19	40.13	2.27	42.48	2.36	44.17	2.38	47.17	2.43	49.52	2.48
	35	37.75	2.22	40.10	2.30	42.44	2.39	44.14	2.42	47.13	2.46	49.48	2.51
	40	37.73	2.25	40.07	2.34	42.41	2.42	44.10	2.45	47.10	2.49	49.44	2.54
	45	37.70	2.28	40.04	2.37	42.38	2.45	44.07	2.48	47.06	2.53	49.40	2.58
	50	37.67	2.31	40.01	2.40	42.35	2.49	44.04	2.51	47.02	2.56	49.36	2.61
	55	37.64	2.34	39.98	2.43	42.31	2.52	44.00	2.55	46.99	2.59	49.33	2.65
	60	37.61	2.37	39.95	2.46	42.28	2.55	43.97	2.58	46.95	2.63	49.29	2.68
	65	37.58	2.40	39.91	2.49	42.25	2.58	43.93	2.61	46.92	2.66	49.25	2.72
	70	37.55	2.43	39.88	2.52	42.22	2.62	43.90	2.65	46.88	2.70	49.21	2.75
	75	36.65	2.57	38.97	2.66	41.30	2.76	42.98	2.79	45.95	2.84	48.28	2.90
	80	35.74	2.70	38.07	2.80	40.39	2.90	42.06	2.93	45.03	2.99	47.35	3.05
	85	34.85	2.83	37.16	2.93	39.48	3.04	41.15	3.07	44.11	3.13	46.42	3.19
	90	33.95	2.96	36.26	3.07	38.57	3.18	40.24	3.22	43.19	3.28	45.50	3.34
	95	32.98	3.09	35.28	3.20	37.58	3.32	38.63	3.36	42.17	3.42	44.47	3.49
	100	32.59	3.22	34.92	3.34	37.25	3.46	38.46	3.50	41.91	3.57	44.24	3.64
	105	32.20	3.35	34.57	3.48	36.93	3.60	38.30	3.64	41.66	3.71	44.02	3.79
	110	31.82	3.49	34.21	3.61	36.61	3.74	38.13	3.79	41.40	3.86	43.79	3.94
	115	31.43	3.62	33.86	3.75	36.28	3.89	37.96	3.93	41.14	4.00	43.57	4.08
	118	31.19	3.70	33.64	3.83	36.09	3.97	37.86	4.02	40.99	4.09	43.43	4.17
	122	31.12	3.80	33.57	3.94	36.02	4.08	37.82	4.13	40.94	4.21	43.39	4.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 142: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	39.02	2.05	41.44	2.12	43.86	2.20	45.61	2.22	48.71	2.27	51.13	2.31
	0	39.00	2.07	41.42	2.14	43.84	2.22	45.59	2.25	48.68	2.29	51.10	2.34
	5	38.96	2.10	41.38	2.18	43.80	2.26	45.55	2.28	48.64	2.33	51.06	2.37
	10	38.93	2.13	41.35	2.21	43.77	2.29	45.52	2.32	48.61	2.36	51.02	2.41
	14	38.90	2.16	41.32	2.24	43.74	2.33	45.48	2.35	48.57	2.40	50.98	2.44
	20	38.87	2.20	41.29	2.28	43.70	2.36	45.45	2.39	48.53	2.43	50.95	2.48
	25	38.84	2.23	41.26	2.31	43.67	2.39	45.41	2.42	48.49	2.46	50.91	2.51
	30	38.81	2.26	41.23	2.34	43.64	2.43	45.38	2.45	48.46	2.50	50.87	2.55
	35	38.79	2.29	41.19	2.37	43.60	2.46	45.34	2.49	48.42	2.53	50.83	2.58
	40	38.76	2.32	41.16	2.40	43.57	2.49	45.31	2.52	48.38	2.57	50.79	2.62
	45	38.73	2.35	41.13	2.44	43.54	2.53	45.27	2.55	48.35	2.60	50.75	2.65
	50	38.70	2.38	41.10	2.47	43.50	2.56	45.24	2.59	48.31	2.64	50.71	2.69
	55	38.67	2.41	41.07	2.50	43.47	2.59	45.20	2.62	48.27	2.67	50.67	2.73
	60	38.64	2.44	41.04	2.53	43.44	2.63	45.17	2.66	48.23	2.71	50.63	2.76
	65	38.61	2.48	41.00	2.57	43.40	2.66	45.13	2.69	48.20	2.74	50.60	2.80
	70	38.58	2.51	40.97	2.60	43.37	2.69	45.10	2.72	48.16	2.77	50.56	2.83
	75	37.65	2.64	40.04	2.74	42.43	2.84	44.15	2.87	47.21	2.92	49.60	2.98
	80	36.72	2.78	39.10	2.88	41.49	2.98	43.21	3.02	46.26	3.07	48.64	3.14
	85	35.80	2.91	38.18	3.02	40.56	3.13	42.27	3.16	45.31	3.22	47.69	3.29
	90	34.88	3.05	37.25	3.16	39.62	3.27	41.34	3.31	44.37	3.37	46.74	3.44
	95	33.88	3.18	36.24	3.30	38.60	3.42	39.69	3.46	43.32	3.52	45.68	3.59
	100	33.48	3.32	35.88	3.44	38.27	3.56	39.51	3.61	43.06	3.67	45.45	3.75
37	105	33.08	3.45	35.51	3.58	37.94	3.71	39.34	3.75	42.79	3.82	45.22	3.90
	110	32.68	3.59	35.15	3.72	37.61	3.85	39.17	3.90	42.53	3.97	44.99	4.05
	115	32.29	3.72	34.78	3.86	37.27	4.00	39.00	4.05	42.27	4.12	44.76	4.20
	118	32.05	3.80	34.56	3.94	37.07	4.09	38.89	4.13	42.11	4.21	44.62	4.30
	122	31.97	3.91	34.49	4.06	37.01	4.20	38.86	4.25	42.05	4.33	44.57	4.42
	-4	40.05	2.10	42.54	2.18	45.03	2.26	46.83	2.29	50.00	2.33	52.49	2.38
	0	40.03	2.13	42.52	2.20	45.00	2.28	46.80	2.31	49.98	2.35	52.46	2.40
	5	40.00	2.16	42.48	2.24	44.97	2.32	46.76	2.35	49.94	2.39	52.42	2.44
	10	39.97	2.19	42.45	2.27	44.93	2.36	46.73	2.38	49.90	2.43	52.38	2.48
	14	39.94	2.23	42.42	2.31	44.90	2.39	46.69	2.42	49.86	2.46	52.34	2.51
	20	39.91	2.26	42.39	2.34	44.86	2.42	46.65	2.45	49.82	2.50	52.30	2.55
	25	39.88	2.29	42.35	2.37	44.83	2.46	46.62	2.49	49.78	2.53	52.26	2.59
	30	39.85	2.32	42.32	2.41	44.80	2.49	46.58	2.52	49.74	2.57	52.22	2.62
	35	39.82	2.35	42.29	2.44	44.76	2.53	46.55	2.56	49.71	2.60	52.18	2.66
	40	39.79	2.38	42.26	2.47	44.73	2.56	46.51	2.59	49.67	2.64	52.14	2.69
	45	39.76	2.42	42.22	2.51	44.69	2.60	46.48	2.63	49.63	2.68	52.10	2.73
	50	39.72	2.45	42.19	2.54	44.66	2.63	46.44	2.66	49.59	2.71	52.06	2.77
	55	39.69	2.48	42.16	2.57	44.62	2.67	46.40	2.70	49.55	2.75	52.02	2.80
	60	39.66	2.51	42.13	2.60	44.59	2.70	46.37	2.73	49.52	2.78	51.98	2.84
	65	39.63	2.54	42.09	2.64	44.56	2.73	46.33	2.77	49.48	2.82	51.94	2.87
	70	39.60	2.58	42.06	2.67	44.52	2.77	46.30	2.80	49.44	2.85	51.90	2.91
	75	38.65	2.72	41.10	2.81	43.56	2.92	45.33	2.95	48.46	3.01	50.92	3.07
	80	37.70	2.85	40.14	2.96	42.59	3.07	44.36	3.10	47.49	3.16	49.93	3.22
	85	36.75	2.99	39.19	3.10	41.63	3.22	43.40	3.25	46.52	3.31	48.96	3.38
	90	35.81	3.13	38.24	3.25	40.68	3.37	42.44	3.40	45.55	3.47	47.98	3.54
	95	34.78	3.27	37.21	3.39	39.63	3.52	40.74	3.56	44.48	3.62	46.90	3.69
	100	34.37	3.41	36.83	3.54	39.29	3.66	40.56	3.71	44.20	3.78	46.66	3.85
	105	33.96	3.55	36.46	3.68	38.95	3.81	40.39	3.86	43.93	3.93	46.42	4.01
	110	33.55	3.69	36.08	3.82	38.61	3.96	40.21	4.01	43.66	4.08	46.18	4.17
	115	33.14	3.83	35.71	3.97	38.26	4.11	40.03	4.16	43.39	4.24	45.95	4.32
	118	32.90	3.91	35.48	4.05	38.06	4.20	39.93	4.25	43.23	4.33	45.80	4.42
	122	32.82	4.02	35.41	4.17	37.99	4.32	39.89	4.37	43.17	4.45	45.76	4.54

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 143: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	41.09	2.16	43.64	2.24	46.19	2.32	48.04	2.35	51.30	2.39	53.85	2.44
	0	41.07	2.19	43.62	2.27	46.17	2.35	48.01	2.38	51.27	2.42	53.82	2.47
	5	41.03	2.22	43.58	2.30	46.13	2.39	47.97	2.41	51.23	2.46	53.78	2.51
	10	41.00	2.25	43.55	2.34	46.10	2.42	47.94	2.45	51.19	2.50	53.74	2.55
	14	40.97	2.29	43.52	2.37	46.06	2.46	47.90	2.49	51.15	2.53	53.69	2.58
	20	40.94	2.32	43.48	2.40	46.03	2.49	47.86	2.52	51.11	2.57	53.65	2.62
	25	40.91	2.35	43.45	2.44	45.99	2.53	47.83	2.56	51.07	2.60	53.61	2.66
	30	40.88	2.39	43.42	2.47	45.96	2.56	47.79	2.59	51.03	2.64	53.57	2.69
	35	40.85	2.42	43.38	2.51	45.92	2.60	47.75	2.63	50.99	2.68	53.53	2.73
	40	40.82	2.45	43.35	2.54	45.89	2.63	47.72	2.66	50.95	2.71	53.49	2.77
	45	40.78	2.48	43.32	2.57	45.85	2.67	47.68	2.70	50.92	2.75	53.45	2.81
	50	40.75	2.52	43.28	2.61	45.81	2.70	47.64	2.74	50.88	2.79	53.41	2.84
	55	40.72	2.55	43.25	2.64	45.78	2.74	47.61	2.77	50.84	2.82	53.37	2.88
	60	40.69	2.58	43.22	2.68	45.74	2.77	47.57	2.81	50.80	2.86	53.33	2.92
	65	40.66	2.62	43.18	2.71	45.71	2.81	47.53	2.84	50.76	2.90	53.28	2.95
	70	40.63	2.65	43.15	2.75	45.67	2.85	47.50	2.88	50.72	2.93	53.24	2.99
	75	39.65	2.79	42.17	2.89	44.68	3.00	46.50	3.03	49.72	3.09	52.24	3.15
	80	38.67	2.93	41.18	3.04	43.69	3.15	45.51	3.19	48.72	3.25	51.23	3.31
	85	37.70	3.08	40.21	3.19	42.71	3.31	44.52	3.34	47.72	3.41	50.23	3.48
	90	36.73	3.22	39.23	3.34	41.73	3.46	43.54	3.50	46.73	3.56	49.23	3.64
	95	35.68	3.36	38.17	3.49	40.65	3.61	41.80	3.65	45.63	3.72	48.11	3.80
	100	35.26	3.51	37.78	3.63	40.30	3.77	41.61	3.81	45.35	3.88	47.87	3.96
	105	34.84	3.65	37.40	3.78	39.95	3.92	41.43	3.97	45.07	4.04	47.62	4.12
	110	34.42	3.79	37.01	3.93	39.60	4.07	41.25	4.12	44.79	4.20	47.38	4.28
	115	34.00	3.93	36.63	4.08	39.26	4.23	41.07	4.28	44.51	4.36	47.14	4.44
	118	33.75	4.02	36.40	4.17	39.05	4.32	40.96	4.37	44.34	4.45	46.99	4.54
	122	33.67	4.13	36.32	4.29	38.98	4.44	40.92	4.49	44.29	4.58	46.94	4.67
39	-4	42.13	2.22	44.74	2.30	47.36	2.39	49.25	2.41	52.59	2.46	55.21	2.51
	0	42.10	2.25	44.72	2.33	47.33	2.41	49.22	2.44	52.56	2.49	55.18	2.54
	5	42.07	2.28	44.68	2.36	47.30	2.45	49.18	2.48	52.52	2.53	55.13	2.58
	10	42.04	2.32	44.65	2.40	47.26	2.49	49.14	2.52	52.48	2.56	55.09	2.61
	14	42.01	2.35	44.61	2.43	47.22	2.52	49.11	2.55	52.44	2.60	55.05	2.65
	20	41.97	2.38	44.58	2.47	47.19	2.56	49.07	2.59	52.40	2.64	55.01	2.69
	25	41.94	2.42	44.55	2.50	47.15	2.60	49.03	2.63	52.36	2.68	54.97	2.73
	30	41.91	2.45	44.51	2.54	47.12	2.63	48.99	2.66	52.32	2.71	54.92	2.77
	35	41.88	2.48	44.48	2.57	47.08	2.67	48.96	2.70	52.28	2.75	54.88	2.81
	40	41.85	2.52	44.44	2.61	47.04	2.71	48.92	2.74	52.24	2.79	54.84	2.84
	45	41.81	2.55	44.41	2.64	47.01	2.74	48.88	2.77	52.20	2.82	54.80	2.88
	50	41.78	2.59	44.38	2.68	46.97	2.78	48.85	2.81	52.16	2.86	54.76	2.92
	55	41.75	2.62	44.34	2.71	46.94	2.81	48.81	2.85	52.12	2.90	54.71	2.96
	60	41.72	2.65	44.31	2.75	46.90	2.85	48.77	2.88	52.08	2.94	54.67	3.00
	65	41.69	2.69	44.27	2.78	46.86	2.89	48.73	2.92	52.04	2.97	54.63	3.03
	70	41.65	2.72	44.24	2.82	46.83	2.92	48.70	2.96	52.00	3.01	54.59	3.07
	75	40.65	2.87	43.23	2.97	45.81	3.08	47.68	3.12	50.97	3.17	53.55	3.24
	80	39.65	3.01	42.22	3.12	44.80	3.24	46.66	3.28	49.95	3.34	52.52	3.40
	85	38.66	3.16	41.22	3.28	43.79	3.40	45.65	3.43	48.93	3.50	51.49	3.57
	90	37.66	3.31	40.22	3.43	42.78	3.55	44.63	3.59	47.91	3.66	50.47	3.74
	95	36.58	3.45	39.13	3.58	41.68	3.71	42.85	3.75	46.78	3.82	49.33	3.90
	100	36.15	3.60	38.74	3.73	41.32	3.87	42.66	3.91	46.49	3.99	49.08	4.07
	105	35.72	3.75	38.34	3.88	40.96	4.03	42.48	4.07	46.21	4.15	48.83	4.23
	110	35.29	3.89	37.95	4.04	40.60	4.18	42.29	4.23	45.92	4.31	48.58	4.40
	115	34.86	4.04	37.55	4.19	40.25	4.34	42.10	4.39	45.64	4.47	48.33	4.56
	118	34.60	4.13	37.32	4.28	40.03	4.44	41.99	4.49	45.46	4.57	48.18	4.66
	122	34.52	4.25	37.24	4.40	39.96	4.56	41.96	4.62	45.41	4.70	48.13	4.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 144: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	43.16	2.28	45.85	2.36	48.53	2.45	50.46	2.48	53.89	2.52	56.57	2.57
	0	43.14	2.30	45.82	2.39	48.50	2.48	50.43	2.50	53.86	2.55	56.54	2.60
	5	43.11	2.34	45.78	2.43	48.46	2.52	50.39	2.55	53.81	2.59	56.49	2.65
	10	43.07	2.38	45.75	2.46	48.42	2.55	50.35	2.58	53.77	2.63	56.45	2.68
	14	43.04	2.41	45.71	2.50	48.39	2.59	50.32	2.62	53.73	2.67	56.40	2.72
	20	43.01	2.45	45.68	2.54	48.35	2.63	50.28	2.66	53.69	2.71	56.36	2.76
	25	42.97	2.48	45.64	2.57	48.31	2.67	50.24	2.70	53.65	2.75	56.32	2.80
	30	42.94	2.52	45.61	2.61	48.27	2.70	50.20	2.73	53.61	2.78	56.28	2.84
	35	42.91	2.55	45.57	2.64	48.24	2.74	50.16	2.77	53.57	2.82	56.23	2.88
	40	42.88	2.58	45.54	2.68	48.20	2.78	50.12	2.81	53.53	2.86	56.19	2.92
	45	42.84	2.62	45.50	2.72	48.16	2.81	50.09	2.85	53.49	2.90	56.15	2.96
	50	42.81	2.65	45.47	2.75	48.13	2.85	50.05	2.88	53.44	2.94	56.10	3.00
	55	42.78	2.69	45.43	2.79	48.09	2.89	50.01	2.92	53.40	2.98	56.06	3.04
	60	42.74	2.72	45.40	2.82	48.05	2.93	49.97	2.96	53.36	3.02	56.02	3.08
	65	42.71	2.76	45.36	2.86	48.02	2.96	49.93	3.00	53.32	3.05	55.97	3.11
	70	42.68	2.79	45.33	2.89	47.98	3.00	49.89	3.03	53.28	3.09	55.93	3.15
	75	41.65	2.94	44.30	3.05	46.94	3.16	48.85	3.20	52.23	3.26	54.87	3.32
	80	40.62	3.09	43.26	3.21	45.90	3.32	47.80	3.36	51.17	3.43	53.81	3.49
	85	39.61	3.24	42.24	3.36	44.87	3.49	46.77	3.53	50.13	3.59	52.76	3.66
	90	38.59	3.40	41.21	3.52	43.84	3.65	45.73	3.69	49.09	3.76	51.71	3.83
	95	37.48	3.55	40.10	3.68	42.71	3.81	43.90	3.85	47.93	3.93	50.54	4.00
	100	37.04	3.70	39.69	3.83	42.34	3.97	43.71	4.02	47.64	4.09	50.28	4.17
	105	36.60	3.85	39.29	3.99	41.97	4.13	43.52	4.18	47.34	4.26	50.03	4.34
	110	36.16	4.00	38.88	4.14	41.60	4.30	43.33	4.34	47.05	4.43	49.77	4.52
	115	35.72	4.15	38.48	4.30	41.24	4.46	43.14	4.51	46.76	4.59	49.52	4.69
	118	35.45	4.24	38.24	4.39	41.02	4.55	43.03	4.61	46.58	4.69	49.36	4.79
	122	35.36	4.36	38.16	4.52	40.94	4.68	42.99	4.74	46.52	4.83	49.31	4.92
41	-4	44.20	2.34	46.95	2.42	49.69	2.51	51.67	2.54	55.18	2.59	57.93	2.64
	0	44.18	2.36	46.92	2.45	49.66	2.54	51.65	2.57	55.15	2.62	57.90	2.67
	5	44.14	2.40	46.88	2.49	49.62	2.58	51.60	2.61	55.11	2.66	57.85	2.71
	10	44.11	2.44	46.85	2.53	49.59	2.62	51.56	2.65	55.06	2.70	57.80	2.75
	14	44.07	2.47	46.81	2.56	49.55	2.66	51.52	2.69	55.02	2.74	57.76	2.79
	20	44.04	2.51	46.78	2.60	49.51	2.70	51.49	2.73	54.98	2.78	57.72	2.83
	25	44.01	2.55	46.74	2.64	49.47	2.73	51.45	2.77	54.94	2.82	57.67	2.87
	30	43.97	2.58	46.70	2.68	49.43	2.77	51.41	2.80	54.90	2.86	57.63	2.91
	35	43.94	2.62	46.67	2.71	49.40	2.81	51.37	2.84	54.85	2.90	57.58	2.95
	40	43.91	2.65	46.63	2.75	49.36	2.85	51.33	2.88	54.81	2.94	57.54	2.99
	45	43.87	2.69	46.60	2.79	49.32	2.89	51.29	2.92	54.77	2.98	57.50	3.04
	50	43.84	2.72	46.56	2.82	49.28	2.93	51.25	2.96	54.73	3.01	57.45	3.08
	55	43.80	2.76	46.53	2.86	49.25	2.96	51.21	3.00	54.69	3.05	57.41	3.12
	60	43.77	2.79	46.49	2.90	49.21	3.00	51.17	3.04	54.64	3.09	57.36	3.16
	65	43.74	2.83	46.45	2.93	49.17	3.04	51.13	3.08	54.60	3.13	57.32	3.20
	70	43.70	2.87	46.42	2.97	49.13	3.08	51.09	3.11	54.56	3.17	57.27	3.24
	75	42.65	3.02	45.36	3.13	48.07	3.24	50.02	3.28	53.48	3.34	56.19	3.41
	80	41.60	3.17	44.30	3.29	47.00	3.41	48.95	3.45	52.40	3.51	55.10	3.58
	85	40.56	3.33	43.25	3.45	45.95	3.58	47.89	3.62	51.33	3.69	54.03	3.76
	90	39.52	3.48	42.20	3.61	44.89	3.74	46.83	3.79	50.27	3.86	52.95	3.93
	95	38.38	3.64	41.06	3.77	43.73	3.91	44.96	3.95	49.08	4.03	51.75	4.11
	100	37.93	3.79	40.64	3.93	43.36	4.07	44.76	4.12	48.78	4.20	51.49	4.28
	105	37.48	3.95	40.23	4.09	42.98	4.24	44.57	4.29	48.48	4.37	51.23	4.46
	110	37.03	4.10	39.82	4.25	42.60	4.41	44.37	4.46	48.18	4.54	50.97	4.63
	115	36.58	4.26	39.40	4.41	42.23	4.57	44.18	4.63	47.88	4.71	50.71	4.81
	118	36.30	4.35	39.16	4.51	42.00	4.67	44.06	4.73	47.70	4.81	50.55	4.91
	122	36.21	4.47	39.07	4.64	41.93	4.81	44.02	4.86	47.64	4.95	50.50	5.05

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 145: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	45.24	2.40	48.05	2.49	50.86	2.58	52.89	2.61	56.48	2.65	59.29	2.71
	0	45.21	2.42	48.02	2.51	50.83	2.60	52.86	2.63	56.45	2.68	59.25	2.74
	5	45.18	2.46	47.98	2.55	50.79	2.65	52.81	2.68	56.40	2.73	59.20	2.78
	10	45.14	2.50	47.95	2.59	50.75	2.69	52.77	2.72	56.36	2.77	59.16	2.82
	14	45.11	2.54	47.91	2.63	50.71	2.72	52.73	2.76	56.31	2.81	59.11	2.86
	20	45.07	2.57	47.87	2.67	50.67	2.76	52.69	2.80	56.27	2.85	59.07	2.91
	25	45.04	2.61	47.84	2.70	50.63	2.80	52.65	2.84	56.23	2.89	59.02	2.95
	30	45.00	2.65	47.80	2.74	50.59	2.84	52.61	2.88	56.18	2.93	58.98	2.99
	35	44.97	2.68	47.76	2.78	50.56	2.88	52.57	2.91	56.14	2.97	58.93	3.03
	40	44.94	2.72	47.73	2.82	50.52	2.92	52.53	2.95	56.10	3.01	58.89	3.07
	45	44.90	2.75	47.69	2.86	50.48	2.96	52.49	2.99	56.06	3.05	58.84	3.11
	50	44.87	2.79	47.65	2.89	50.44	3.00	52.45	3.03	56.01	3.09	58.80	3.15
	55	44.83	2.83	47.62	2.93	50.40	3.04	52.41	3.07	55.97	3.13	58.75	3.19
	60	44.80	2.86	47.58	2.97	50.36	3.08	52.37	3.11	55.93	3.17	58.71	3.23
	65	44.76	2.90	47.54	3.01	50.32	3.12	52.33	3.15	55.88	3.21	58.66	3.28
	70	44.73	2.94	47.51	3.04	50.28	3.16	52.29	3.19	55.84	3.25	58.62	3.32
	75	43.65	3.10	46.42	3.21	49.19	3.33	51.20	3.36	54.74	3.43	57.51	3.50
	80	42.58	3.25	45.34	3.37	48.10	3.50	50.10	3.54	53.63	3.60	56.40	3.67
	85	41.51	3.41	44.27	3.54	47.02	3.67	49.02	3.71	52.54	3.78	55.30	3.85
	90	40.44	3.57	43.19	3.70	45.94	3.84	47.93	3.88	51.44	3.95	54.20	4.03
	95	39.28	3.73	42.02	3.87	44.76	4.01	46.01	4.05	50.23	4.13	52.97	4.21
	100	38.82	3.89	41.60	4.03	44.37	4.18	45.81	4.23	49.93	4.30	52.70	4.39
	105	38.36	4.05	41.17	4.19	43.99	4.35	45.61	4.40	49.62	4.48	52.43	4.57
	110	37.90	4.20	40.75	4.36	43.60	4.52	45.41	4.57	49.31	4.66	52.16	4.75
	115	37.43	4.36	40.33	4.52	43.22	4.69	45.21	4.74	49.01	4.83	51.89	4.93
	118	37.16	4.46	40.07	4.62	42.99	4.79	45.09	4.84	48.82	4.94	51.73	5.04
	122	37.06	4.59	39.99	4.75	42.91	4.93	45.05	4.98	48.76	5.08	51.68	5.18
43	-4	46.28	2.46	49.15	2.55	52.02	2.64	54.10	2.67	57.77	2.72	60.64	2.78
	0	46.25	2.49	49.12	2.58	51.99	2.67	54.07	2.70	57.74	2.75	60.61	2.81
	5	46.21	2.53	49.08	2.62	51.95	2.71	54.02	2.74	57.69	2.80	60.56	2.85
	10	46.18	2.56	49.04	2.66	51.91	2.75	53.98	2.79	57.65	2.84	60.52	2.89
	14	46.14	2.60	49.01	2.70	51.87	2.79	53.94	2.83	57.60	2.88	60.47	2.94
	20	46.11	2.64	48.97	2.73	51.83	2.83	53.90	2.87	57.56	2.92	60.42	2.98
	25	46.07	2.68	48.93	2.77	51.79	2.87	53.86	2.91	57.52	2.96	60.38	3.02
	30	46.04	2.71	48.90	2.81	51.75	2.91	53.82	2.95	57.47	3.00	60.33	3.06
	35	46.00	2.75	48.86	2.85	51.71	2.95	53.78	2.99	57.43	3.04	60.29	3.11
	40	45.97	2.79	48.82	2.89	51.68	2.99	53.74	3.03	57.38	3.09	60.24	3.15
	45	45.93	2.82	48.78	2.93	51.64	3.03	53.70	3.07	57.34	3.13	60.19	3.19
	50	45.90	2.86	48.75	2.97	51.60	3.07	53.65	3.11	57.30	3.17	60.15	3.23
	55	45.86	2.90	48.71	3.01	51.56	3.12	53.61	3.15	57.25	3.21	60.10	3.27
	60	45.82	2.94	48.67	3.04	51.52	3.16	53.57	3.19	57.21	3.25	60.05	3.32
	65	45.79	2.97	48.63	3.08	51.48	3.20	53.53	3.23	57.16	3.29	60.01	3.36
	70	45.75	3.01	48.60	3.12	51.44	3.24	53.49	3.27	57.12	3.33	59.96	3.40
	75	44.65	3.17	47.49	3.29	50.32	3.41	52.37	3.45	55.99	3.51	58.83	3.58
	80	43.55	3.34	46.38	3.46	49.21	3.58	51.25	3.63	54.86	3.69	57.69	3.77
	85	42.46	3.50	45.28	3.63	48.10	3.76	50.14	3.80	53.74	3.87	56.56	3.95
	90	41.37	3.66	44.18	3.80	47.00	3.93	49.03	3.98	52.62	4.05	55.44	4.14
	95	40.19	3.82	42.99	3.96	45.78	4.11	47.07	4.16	51.38	4.23	54.18	4.32
	100	39.71	3.99	42.55	4.13	45.39	4.28	46.86	4.33	51.07	4.41	53.91	4.50
	105	39.24	4.15	42.12	4.30	45.00	4.46	46.66	4.51	50.76	4.59	53.63	4.69
	110	38.77	4.31	41.69	4.47	44.60	4.63	46.46	4.69	50.44	4.77	53.36	4.87
	115	38.29	4.47	41.25	4.64	44.21	4.81	46.25	4.86	50.13	4.95	53.08	5.05
	118	38.01	4.57	40.99	4.74	43.97	4.91	46.13	4.97	49.94	5.06	52.92	5.16
	122	37.91	4.70	40.91	4.87	43.89	5.05	46.09	5.11	49.88	5.20	51.99	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 146: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	47.31	2.52	50.25	2.61	53.19	2.71	55.31	2.74	59.07	2.79	62.00	2.84
	0	47.29	2.55	50.22	2.64	53.16	2.74	55.28	2.77	59.03	2.82	61.97	2.88
	5	47.25	2.59	50.18	2.68	53.12	2.78	55.24	2.81	58.98	2.86	61.92	2.92
	10	47.21	2.63	50.14	2.72	53.08	2.82	55.19	2.85	58.94	2.91	61.87	2.97
	14	47.18	2.66	50.11	2.76	53.04	2.86	55.15	2.90	58.89	2.95	61.82	3.01
	20	47.14	2.70	50.07	2.80	52.99	2.90	55.11	2.94	58.85	2.99	61.78	3.05
	25	47.10	2.74	50.03	2.84	52.95	2.94	55.07	2.98	58.81	3.03	61.73	3.10
	30	47.07	2.78	49.99	2.88	52.91	2.99	55.03	3.02	58.76	3.08	61.68	3.14
	35	47.03	2.82	49.95	2.92	52.87	3.03	54.98	3.06	58.72	3.12	61.64	3.18
	40	47.00	2.86	49.91	2.96	52.83	3.07	54.94	3.10	58.67	3.16	61.59	3.23
	45	46.96	2.89	49.88	3.00	52.79	3.11	54.90	3.15	58.63	3.20	61.54	3.27
	50	46.92	2.93	49.84	3.04	52.75	3.15	54.86	3.19	58.58	3.25	61.49	3.31
	55	46.89	2.97	49.80	3.08	52.71	3.19	54.81	3.23	58.54	3.29	61.45	3.35
	60	46.85	3.01	49.76	3.12	52.67	3.23	54.77	3.27	58.49	3.33	61.40	3.40
	65	46.82	3.05	49.72	3.16	52.63	3.27	54.73	3.31	58.45	3.37	61.35	3.44
	70	46.78	3.09	49.69	3.20	52.59	3.31	54.69	3.35	58.40	3.42	61.31	3.48
	75	45.65	3.25	48.55	3.37	51.45	3.49	53.54	3.53	57.25	3.60	60.14	3.67
	80	44.53	3.42	47.42	3.54	50.31	3.67	52.40	3.71	56.09	3.78	58.98	3.86
	85	43.41	3.58	46.30	3.72	49.18	3.85	51.26	3.90	54.95	3.97	57.83	4.05
	90	42.30	3.75	45.17	3.89	48.05	4.03	50.13	4.08	53.80	4.15	56.68	4.24
	95	41.09	3.92	43.95	4.06	46.81	4.21	48.12	4.26	52.54	4.34	55.40	4.42
	100	40.60	4.08	43.51	4.23	46.41	4.39	47.91	4.44	52.21	4.52	55.12	4.61
	105	40.12	4.25	43.06	4.41	46.00	4.57	47.71	4.62	51.89	4.71	54.84	4.80
	110	39.63	4.42	42.62	4.58	45.60	4.75	47.50	4.80	51.57	4.89	54.55	4.99
	115	39.15	4.58	42.18	4.75	45.20	4.92	47.29	4.98	51.25	5.07	54.27	5.18
	118	38.86	4.68	41.91	4.85	44.96	5.03	47.16	5.09	51.06	5.18	53.42	5.22
	122	38.76	4.82	41.82	4.99	44.88	5.17	47.06	5.22	49.98	5.22	51.89	5.22
45	-4	48.35	2.58	51.35	2.67	54.35	2.77	56.52	2.80	60.36	2.86	63.36	2.91
	0	48.32	2.61	51.32	2.70	54.33	2.80	56.49	2.83	60.33	2.89	63.33	2.94
	5	48.28	2.65	51.28	2.75	54.28	2.85	56.45	2.88	60.28	2.93	63.28	2.99
	10	48.25	2.69	51.24	2.79	54.24	2.89	56.40	2.92	60.23	2.98	63.23	3.04
	14	48.21	2.73	51.20	2.83	54.20	2.93	56.36	2.96	60.19	3.02	63.18	3.08
	20	48.17	2.77	51.16	2.87	54.16	2.97	56.32	3.01	60.14	3.06	63.13	3.13
	25	48.14	2.81	51.13	2.91	54.12	3.02	56.27	3.05	60.09	3.11	63.08	3.17
	30	48.10	2.85	51.09	2.95	54.07	3.06	56.23	3.09	60.05	3.15	63.04	3.21
	35	48.06	2.89	51.05	2.99	54.03	3.10	56.19	3.14	60.00	3.19	62.99	3.26
	40	48.03	2.92	51.01	3.03	53.99	3.14	56.15	3.18	59.96	3.24	62.94	3.30
	45	47.99	2.96	50.97	3.07	53.95	3.18	56.10	3.22	59.91	3.28	62.89	3.35
	50	47.95	3.00	50.93	3.11	53.91	3.23	56.06	3.26	59.86	3.32	62.84	3.39
	55	47.92	3.04	50.89	3.15	53.87	3.27	56.02	3.31	59.82	3.37	62.79	3.44
	60	47.88	3.08	50.85	3.19	53.83	3.31	55.97	3.35	59.77	3.41	62.75	3.48
	65	47.84	3.12	50.81	3.23	53.78	3.35	55.93	3.39	59.73	3.45	62.70	3.52
	70	47.81	3.16	50.77	3.27	53.74	3.39	55.89	3.43	59.68	3.50	62.65	3.57
	75	46.65	3.33	49.62	3.45	52.58	3.58	54.72	3.62	58.50	3.69	61.46	3.76
	80	45.50	3.50	48.46	3.63	51.41	3.76	53.55	3.80	57.32	3.88	60.28	3.95
	85	44.36	3.67	47.31	3.80	50.26	3.94	52.39	3.99	56.15	4.06	59.10	4.15
	90	43.22	3.84	46.16	3.98	49.10	4.13	51.23	4.17	54.98	4.25	57.92	4.34
	95	41.99	4.01	44.91	4.16	47.84	4.31	49.18	4.36	53.69	4.44	56.61	4.53
	100	41.49	4.18	44.46	4.34	47.42	4.49	48.96	4.55	53.36	4.63	56.32	4.72
	105	41.00	4.35	44.01	4.51	47.01	4.68	48.75	4.73	53.03	4.82	56.04	4.92
	110	40.50	4.52	43.55	4.69	46.60	4.86	48.54	4.92	52.70	5.01	55.75	5.11
	115	40.01	4.69	43.10	4.87	46.19	5.04	48.32	5.10	52.38	5.20	54.65	5.22
	118	39.71	4.80	42.83	4.97	45.94	5.15	48.20	5.21	51.33	5.22	53.28	5.22
	122	39.61	4.93	42.74	5.11	45.19	5.22	46.92	5.22	49.85	5.22	51.79	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 147: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	49.39	2.64	52.45	2.74	55.52	2.84	57.74	2.87	61.65	2.92	64.72	2.98
	0	49.36	2.67	52.42	2.77	55.49	2.87	57.70	2.90	61.62	2.95	64.69	3.01
	5	49.32	2.71	52.38	2.81	55.44	2.91	57.66	2.95	61.57	3.00	64.63	3.06
	10	49.28	2.75	52.34	2.85	55.40	2.96	57.61	2.99	61.52	3.05	64.58	3.11
	14	49.24	2.79	52.30	2.89	55.36	3.00	57.57	3.03	61.48	3.09	64.53	3.15
	20	49.21	2.83	52.26	2.94	55.32	3.04	57.52	3.08	61.43	3.14	64.49	3.20
	25	49.17	2.87	52.22	2.98	55.28	3.09	57.48	3.12	61.38	3.18	64.44	3.24
	30	49.13	2.91	52.18	3.02	55.23	3.13	57.44	3.17	61.34	3.22	64.39	3.29
	35	49.09	2.95	52.14	3.06	55.19	3.17	57.39	3.21	61.29	3.27	64.34	3.34
	40	49.06	2.99	52.10	3.10	55.15	3.22	57.35	3.25	61.24	3.31	64.29	3.38
	45	49.02	3.03	52.06	3.14	55.11	3.26	57.31	3.30	61.20	3.36	64.24	3.43
	50	48.98	3.07	52.02	3.19	55.06	3.30	57.26	3.34	61.15	3.40	64.19	3.47
	55	48.94	3.11	51.98	3.23	55.02	3.35	57.22	3.38	61.10	3.45	64.14	3.52
	60	48.91	3.15	51.94	3.27	54.98	3.39	57.17	3.43	61.05	3.49	64.09	3.56
	65	48.87	3.19	51.90	3.31	54.94	3.43	57.13	3.47	61.01	3.54	64.04	3.61
	70	48.83	3.23	51.86	3.35	54.90	3.47	57.09	3.51	60.96	3.58	63.99	3.65
	75	47.66	3.41	50.68	3.53	53.71	3.66	55.89	3.70	59.76	3.77	62.78	3.85
	80	46.48	3.58	49.50	3.71	52.52	3.85	54.70	3.89	58.55	3.97	61.57	4.05
	85	45.32	3.76	48.33	3.89	51.34	4.04	53.51	4.08	57.36	4.16	60.37	4.24
	90	44.15	3.93	47.15	4.08	50.16	4.22	52.33	4.27	56.16	4.35	59.16	4.44
	95	42.89	4.11	45.87	4.26	48.86	4.41	50.23	4.46	54.84	4.55	57.83	4.64
	100	42.38	4.28	45.41	4.44	48.44	4.60	50.01	4.65	54.50	4.74	57.53	4.83
	105	41.88	4.46	44.95	4.62	48.02	4.79	49.80	4.84	54.17	4.93	57.24	5.03
	110	41.37	4.63	44.49	4.80	47.60	4.97	49.58	5.03	53.83	5.13	56.87	5.22
	115	40.87	4.80	44.03	4.98	47.18	5.16	49.36	5.22	52.52	5.22	54.49	5.22
	118	40.56	4.91	43.75	5.09	46.51	5.22	48.24	5.22	51.27	5.22	53.25	5.22
	122	40.46	5.05	43.60	5.22	45.14	5.22	46.79	5.22	49.74	5.22	51.70	5.22
47	-4	50.42	2.70	53.55	2.80	56.69	2.90	58.95	2.94	62.95	2.99	66.08	3.05
	0	50.40	2.73	53.53	2.83	56.66	2.93	58.92	2.97	62.91	3.02	66.04	3.08
	5	50.35	2.78	53.48	2.88	56.61	2.98	58.87	3.02	62.86	3.07	65.99	3.13
	10	50.32	2.82	53.44	2.92	56.57	3.03	58.82	3.06	62.82	3.12	65.94	3.18
	14	50.28	2.86	53.40	2.96	56.52	3.07	58.78	3.11	62.77	3.16	65.89	3.23
	20	50.24	2.90	53.36	3.00	56.48	3.11	58.73	3.15	62.72	3.21	65.84	3.27
	25	50.20	2.94	53.32	3.05	56.44	3.16	58.69	3.19	62.67	3.25	65.79	3.32
	30	50.16	2.98	53.28	3.09	56.39	3.20	58.64	3.24	62.62	3.30	65.74	3.37
	35	50.12	3.02	53.24	3.13	56.35	3.25	58.60	3.28	62.58	3.34	65.69	3.41
	40	50.09	3.06	53.20	3.17	56.31	3.29	58.55	3.33	62.53	3.39	65.64	3.46
	45	50.05	3.10	53.16	3.22	56.26	3.33	58.51	3.37	62.48	3.44	65.59	3.50
	50	50.01	3.14	53.11	3.26	56.22	3.38	58.46	3.42	62.43	3.48	65.54	3.55
	55	49.97	3.19	53.07	3.30	56.18	3.42	58.42	3.46	62.38	3.53	65.49	3.60
	60	49.93	3.23	53.03	3.34	56.13	3.47	58.37	3.51	62.34	3.57	65.44	3.64
	65	49.89	3.27	52.99	3.39	56.09	3.51	58.33	3.55	62.29	3.62	65.39	3.69
	70	49.86	3.31	52.95	3.43	56.05	3.55	58.28	3.60	62.24	3.66	65.34	3.74
	75	48.66	3.49	51.74	3.61	54.83	3.75	57.06	3.79	61.01	3.86	64.10	3.94
	80	47.46	3.67	50.54	3.80	53.62	3.94	55.84	3.98	59.78	4.06	62.86	4.14
	85	46.27	3.84	49.34	3.98	52.41	4.13	54.63	4.18	58.56	4.26	61.63	4.34
	90	45.08	4.02	48.14	4.17	51.21	4.32	53.42	4.37	57.34	4.45	60.41	4.54
	95	43.79	4.20	46.84	4.35	49.89	4.51	51.29	4.57	55.99	4.65	59.04	4.74
	100	43.27	4.38	46.37	4.54	49.46	4.71	51.07	4.76	55.65	4.85	58.74	4.95
	105	42.76	4.56	45.89	4.72	49.03	4.90	50.84	4.95	55.31	5.05	58.44	5.15
	110	42.24	4.74	45.42	4.91	48.60	5.09	50.62	5.15	54.78	5.22	56.76	5.22
	115	41.72	4.92	44.95	5.09	47.65	5.22	49.30	5.22	52.44	5.22	54.43	5.22
	118	41.42	5.02	44.67	5.21	46.34	5.22	48.08	5.22	51.12	5.22	53.11	5.22
	122	41.31	5.17	43.51	5.22	45.01	5.22	46.76	5.22	49.63	5.22	51.60	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 148: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	51.46	2.76	54.66	2.86	57.85	2.97	60.16	3.00	64.24	3.06	67.44	3.12
	0	51.43	2.79	54.63	2.89	57.82	3.00	60.13	3.03	64.21	3.09	67.40	3.15
	5	51.39	2.84	54.58	2.94	57.77	3.05	60.08	3.08	64.16	3.14	67.35	3.20
	10	51.35	2.88	54.54	2.98	57.73	3.09	60.03	3.13	64.11	3.19	67.30	3.25
	14	51.31	2.92	54.50	3.03	57.68	3.14	59.99	3.17	64.06	3.23	67.24	3.30
	20	51.27	2.96	54.46	3.07	57.64	3.18	59.94	3.22	64.01	3.28	67.19	3.35
	25	51.23	3.00	54.42	3.11	57.60	3.23	59.89	3.27	63.96	3.33	67.14	3.39
	30	51.19	3.05	54.37	3.16	57.55	3.27	59.85	3.31	63.91	3.37	67.09	3.44
	35	51.16	3.09	54.33	3.20	57.51	3.32	59.80	3.36	63.86	3.42	67.04	3.49
	40	51.12	3.13	54.29	3.25	57.46	3.36	59.76	3.40	63.81	3.47	66.99	3.54
	45	51.08	3.17	54.25	3.29	57.42	3.41	59.71	3.45	63.77	3.51	66.94	3.58
	50	51.04	3.21	54.21	3.33	57.38	3.45	59.67	3.49	63.72	3.56	66.89	3.63
	55	51.00	3.26	54.17	3.38	57.33	3.50	59.62	3.54	63.67	3.61	66.83	3.68
	60	50.96	3.30	54.12	3.42	57.29	3.54	59.57	3.58	63.62	3.65	66.78	3.73
	65	50.92	3.34	54.08	3.46	57.24	3.59	59.53	3.63	63.57	3.70	66.73	3.77
	70	50.88	3.38	54.04	3.51	57.20	3.63	59.48	3.68	63.52	3.74	66.68	3.82
	75	49.66	3.57	52.81	3.70	55.96	3.83	58.24	3.87	62.27	3.95	65.42	4.03
	80	48.43	3.75	51.58	3.88	54.72	4.03	56.99	4.07	61.01	4.15	64.15	4.23
	85	47.22	3.93	50.36	4.07	53.49	4.22	55.76	4.27	59.77	4.35	62.90	4.44
	90	46.01	4.11	49.13	4.26	52.26	4.42	54.52	4.47	58.52	4.55	61.65	4.64
	95	44.69	4.30	47.80	4.45	50.91	4.61	52.34	4.67	57.14	4.76	60.25	4.85
	100	44.16	4.48	47.32	4.64	50.48	4.81	52.12	4.87	56.79	4.96	59.95	5.06
	105	43.64	4.66	46.84	4.83	50.04	5.01	51.89	5.06	56.44	5.16	59.22	5.22
	110	43.11	4.84	46.36	5.02	49.60	5.20	51.30	5.22	54.66	5.22	56.66	5.22
	115	42.58	5.03	45.87	5.21	47.55	5.22	49.20	5.22	52.37	5.22	54.28	5.22
	118	42.27	5.13	44.76	5.22	46.27	5.22	48.02	5.22	51.07	5.22	53.00	5.22
	122	41.70	5.22	43.44	5.22	44.96	5.22	46.63	5.22	49.52	5.22	51.52	5.22
49	-4	52.50	2.82	55.76	2.93	59.02	3.03	61.37	3.07	65.54	3.12	68.80	3.19
	0	52.47	2.85	55.73	2.96	58.99	3.07	61.34	3.10	65.50	3.16	68.76	3.22
	5	52.43	2.90	55.68	3.01	58.94	3.12	61.29	3.15	65.45	3.21	68.70	3.27
	10	52.39	2.94	55.64	3.05	58.89	3.16	61.24	3.20	65.40	3.26	68.65	3.32
	14	52.35	2.99	55.60	3.09	58.85	3.21	61.20	3.24	65.35	3.31	68.60	3.37
	20	52.31	3.03	55.55	3.14	58.80	3.25	61.15	3.29	65.30	3.35	68.55	3.42
	25	52.27	3.07	55.51	3.18	58.76	3.30	61.10	3.34	65.25	3.40	68.50	3.47
	30	52.23	3.11	55.47	3.23	58.71	3.35	61.06	3.38	65.20	3.45	68.44	3.52
	35	52.19	3.16	55.43	3.27	58.67	3.39	61.01	3.43	65.15	3.50	68.39	3.57
	40	52.15	3.20	55.38	3.32	58.62	3.44	60.96	3.48	65.10	3.54	68.34	3.61
	45	52.11	3.24	55.34	3.36	58.58	3.48	60.92	3.52	65.05	3.59	68.29	3.66
	50	52.07	3.29	55.30	3.41	58.53	3.53	60.87	3.57	65.00	3.64	68.23	3.71
	55	52.03	3.33	55.26	3.45	58.49	3.58	60.82	3.62	64.95	3.69	68.18	3.76
	60	51.99	3.37	55.21	3.49	58.44	3.62	60.78	3.66	64.90	3.73	68.13	3.81
	65	51.95	3.41	55.17	3.54	58.40	3.67	60.73	3.71	64.85	3.78	68.08	3.86
	70	51.91	3.46	55.13	3.58	58.35	3.71	60.68	3.76	64.80	3.83	68.02	3.90
	75	50.66	3.64	53.87	3.78	57.09	3.91	59.41	3.96	63.52	4.03	66.74	4.12
	80	49.41	3.83	52.62	3.97	55.82	4.12	58.14	4.16	62.24	4.24	65.45	4.33
	85	48.17	4.02	51.37	4.16	54.57	4.32	56.88	4.37	60.97	4.45	64.17	4.54
	90	46.93	4.20	50.12	4.36	53.32	4.52	55.62	4.57	59.70	4.65	62.89	4.75
	95	45.59	4.39	48.76	4.55	51.94	4.72	53.40	4.77	58.29	4.86	61.47	4.96
	100	45.05	4.58	48.27	4.74	51.49	4.92	53.17	4.97	57.94	5.07	61.16	5.17
	105	44.51	4.76	47.78	4.94	51.05	5.12	52.93	5.18	57.07	5.22	59.07	5.22
	110	43.98	4.95	47.29	5.13	49.68	5.22	51.16	5.22	54.54	5.22	56.56	5.22
	115	43.44	5.14	45.95	5.22	47.45	5.22	49.11	5.22	52.20	5.22	54.23	5.22
	118	42.90	5.22	44.65	5.22	46.19	5.22	47.95	5.22	50.93	5.22	52.87	5.22
	122	41.60	5.22	43.36	5.22	44.84	5.22	46.52	5.22	49.42	5.22	51.35	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 149: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-4	53.53	2.88	56.86	2.99	60.18	3.10	62.58	3.13	66.83	3.19	70.16	3.26
	0	53.50	2.91	56.83	3.02	60.15	3.13	62.55	3.17	66.80	3.23	70.12	3.29
	5	53.46	2.96	56.78	3.07	60.10	3.18	62.50	3.22	66.74	3.28	70.06	3.34
	10	53.42	3.01	56.74	3.12	60.06	3.23	62.45	3.27	66.69	3.33	70.01	3.39
	14	53.38	3.05	56.69	3.16	60.01	3.28	62.40	3.31	66.64	3.38	69.96	3.44
	20	53.34	3.09	56.65	3.21	59.96	3.32	62.36	3.36	66.59	3.42	69.90	3.49
	25	53.30	3.14	56.61	3.25	59.92	3.37	62.31	3.41	66.54	3.47	69.85	3.54
	30	53.26	3.18	56.56	3.30	59.87	3.42	62.26	3.46	66.49	3.52	69.80	3.59
	35	53.22	3.22	56.52	3.34	59.83	3.46	62.21	3.50	66.44	3.57	69.74	3.64
	40	53.18	3.27	56.48	3.39	59.78	3.51	62.17	3.55	66.39	3.62	69.69	3.69
	45	53.14	3.31	56.44	3.43	59.74	3.56	62.12	3.60	66.33	3.67	69.63	3.74
	50	53.09	3.36	56.39	3.48	59.69	3.61	62.07	3.65	66.28	3.72	69.58	3.79
	55	53.05	3.40	56.35	3.52	59.64	3.65	62.02	3.69	66.23	3.76	69.53	3.84
	60	53.01	3.44	56.31	3.57	59.60	3.70	61.98	3.74	66.18	3.81	69.47	3.89
	65	52.97	3.49	56.26	3.61	59.55	3.75	61.93	3.79	66.13	3.86	69.42	3.94
	70	52.93	3.53	56.22	3.66	59.51	3.79	61.88	3.84	66.08	3.91	69.37	3.99
	75	51.66	3.72	54.94	3.86	58.22	4.00	60.58	4.04	64.77	4.12	68.05	4.20
	80	50.38	3.91	53.66	4.06	56.93	4.20	59.29	4.25	63.47	4.33	66.74	4.42
	85	49.12	4.10	52.38	4.25	55.65	4.41	58.00	4.46	62.17	4.54	65.44	4.63
	90	47.86	4.29	51.11	4.45	54.37	4.61	56.72	4.67	60.88	4.75	64.13	4.85
	95	46.49	4.48	49.73	4.65	52.97	4.82	54.45	4.87	59.44	4.96	62.68	5.06
	100	45.94	4.67	49.23	4.84	52.51	5.02	54.22	5.08	59.08	5.17	61.69	5.22
	105	45.39	4.86	48.73	5.04	51.98	5.22	53.30	5.22	56.90	5.22	59.03	5.22
	110	44.85	5.06	48.06	5.22	49.63	5.22	51.13	5.22	54.42	5.22	56.47	5.22
	115	44.07	5.22	45.82	5.22	47.36	5.22	49.03	5.22	52.13	5.22	54.18	5.22
	118	42.85	5.22	44.55	5.22	46.13	5.22	47.80	5.22	50.88	5.22	52.85	5.22
	122	41.58	5.22	43.28	5.22	44.80	5.22	46.49	5.22	49.40	5.22	51.27	5.22
51	-4	54.57	2.94	57.96	3.05	61.35	3.16	63.80	3.20	68.13	3.26	71.52	3.32
	0	54.54	2.98	57.93	3.08	61.32	3.20	63.76	3.23	68.09	3.29	71.48	3.36
	5	54.50	3.02	57.88	3.13	61.27	3.25	63.71	3.29	68.03	3.35	71.42	3.41
	10	54.46	3.07	57.84	3.18	61.22	3.30	63.66	3.33	67.98	3.40	71.36	3.47
	14	54.41	3.11	57.79	3.23	61.17	3.34	63.61	3.38	67.93	3.45	71.31	3.52
	20	54.37	3.16	57.75	3.27	61.13	3.39	63.56	3.43	67.88	3.50	71.26	3.57
	25	54.33	3.20	57.70	3.32	61.08	3.44	63.52	3.48	67.83	3.55	71.20	3.62
	30	54.29	3.25	57.66	3.37	61.03	3.49	63.47	3.53	67.78	3.60	71.15	3.67
	35	54.25	3.29	57.62	3.41	60.99	3.54	63.42	3.58	67.72	3.64	71.09	3.72
	40	54.21	3.34	57.57	3.46	60.94	3.59	63.37	3.63	67.67	3.69	71.04	3.77
	45	54.16	3.38	57.53	3.51	60.89	3.63	63.32	3.67	67.62	3.74	70.98	3.82
	50	54.12	3.43	57.48	3.55	60.85	3.68	63.27	3.72	67.57	3.79	70.93	3.87
	55	54.08	3.47	57.44	3.60	60.80	3.73	63.22	3.77	67.52	3.84	70.88	3.92
	60	54.04	3.52	57.40	3.64	60.75	3.78	63.18	3.82	67.46	3.89	70.82	3.97
	65	54.00	3.56	57.35	3.69	60.71	3.83	63.13	3.87	67.41	3.94	70.77	4.02
	70	53.96	3.61	57.31	3.74	60.66	3.87	63.08	3.92	67.36	3.99	70.71	4.07
	75	52.66	3.80	56.00	3.94	59.34	4.08	61.76	4.13	66.03	4.21	69.37	4.29
	80	51.36	3.99	54.69	4.14	58.03	4.29	60.44	4.34	64.70	4.42	68.03	4.51
	85	50.07	4.19	53.40	4.34	56.73	4.50	59.13	4.55	63.38	4.64	66.70	4.73
	90	48.79	4.38	52.10	4.54	55.42	4.71	57.82	4.76	62.06	4.85	65.38	4.95
	95	47.39	4.58	50.69	4.74	53.99	4.92	55.51	4.97	60.60	5.07	63.90	5.17
	100	46.83	4.77	50.18	4.95	53.53	5.13	55.27	5.19	59.58	5.22	61.60	5.22
	105	46.27	4.97	49.67	5.15	51.90	5.22	53.22	5.22	56.85	5.22	58.89	5.22
	110	45.72	5.16	47.99	5.22	49.50	5.22	51.00	5.22	54.42	5.22	56.37	5.22
	115	44.01	5.22	45.78	5.22	47.35	5.22	48.95	5.22	52.07	5.22	54.04	5.22
	118	42.80	5.22	44.53	5.22	46.06	5.22	47.75	5.22	50.76	5.22	52.75	5.22
	122	41.48	5.22	43.22	5.22	44.68	5.22	46.38	5.22	49.31	5.22	51.20	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 150: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
52	-4	55.61	3.00	59.06	3.11	62.52	3.23	65.01	3.26	69.42	3.33	72.88	3.39
	0	55.58	3.04	59.03	3.15	62.48	3.26	64.97	3.30	69.38	3.36	72.84	3.43
	5	55.53	3.09	58.98	3.20	62.43	3.32	64.92	3.35	69.33	3.42	72.78	3.49
	10	55.49	3.13	58.94	3.25	62.38	3.36	64.87	3.40	69.27	3.47	72.72	3.54
	14	55.45	3.18	58.89	3.29	62.33	3.41	64.82	3.45	69.22	3.52	72.67	3.59
	20	55.41	3.22	58.85	3.34	62.29	3.46	64.77	3.50	69.17	3.57	72.61	3.64
	25	55.36	3.27	58.80	3.39	62.24	3.51	64.72	3.55	69.12	3.62	72.55	3.69
	30	55.32	3.31	58.76	3.44	62.19	3.56	64.67	3.60	69.06	3.67	72.50	3.74
	35	55.28	3.36	58.71	3.48	62.14	3.61	64.62	3.65	69.01	3.72	72.44	3.79
	40	55.24	3.41	58.67	3.53	62.10	3.66	64.57	3.70	68.96	3.77	72.39	3.85
	45	55.19	3.45	58.62	3.58	62.05	3.71	64.52	3.75	68.90	3.82	72.33	3.90
	50	55.15	3.50	58.58	3.62	62.00	3.76	64.48	3.80	68.85	3.87	72.28	3.95
	55	55.11	3.54	58.53	3.67	61.95	3.81	64.43	3.85	68.80	3.92	72.22	4.00
	60	55.07	3.59	58.49	3.72	61.91	3.86	64.38	3.90	68.75	3.97	72.17	4.05
	65	55.02	3.63	58.44	3.77	61.86	3.90	64.33	3.95	68.69	4.02	72.11	4.10
	70	54.98	3.68	58.40	3.81	61.81	3.95	64.28	4.00	68.64	4.07	72.06	4.16
	75	53.66	3.88	57.07	4.02	60.47	4.17	62.93	4.21	67.28	4.29	70.69	4.38
	80	52.34	4.08	55.73	4.23	59.13	4.38	61.59	4.43	65.93	4.51	69.33	4.60
	85	51.02	4.28	54.41	4.43	57.80	4.59	60.25	4.65	64.58	4.73	67.97	4.83
	90	49.71	4.47	53.09	4.64	56.48	4.81	58.92	4.86	63.24	4.95	66.62	5.05
	95	48.29	4.67	51.65	4.84	55.02	5.02	56.56	5.08	61.75	5.17	64.41	5.22
	100	47.72	4.87	51.13	5.05	54.47	5.22	55.61	5.22	59.47	5.22	61.52	5.22
	105	47.15	5.07	50.35	5.22	51.82	5.22	53.15	5.22	56.78	5.22	58.85	5.22
	110	46.16	5.22	47.92	5.22	49.46	5.22	50.97	5.22	54.31	5.22	56.29	5.22
	115	43.93	5.22	45.66	5.22	47.27	5.22	48.87	5.22	52.01	5.22	54.00	5.22
	118	42.67	5.22	44.44	5.22	46.00	5.22	47.70	5.22	50.72	5.22	52.64	5.22
	122	41.46	5.22	43.15	5.22	44.65	5.22	46.35	5.22	49.22	5.22	51.13	5.22
53	-4	56.65	3.06	60.16	3.18	63.68	3.29	66.22	3.33	70.72	3.39	74.23	3.46
	0	56.61	3.10	60.13	3.21	63.65	3.33	66.19	3.37	70.68	3.43	74.19	3.50
	5	56.57	3.15	60.08	3.26	63.59	3.38	66.13	3.42	70.62	3.49	74.13	3.56
	10	56.52	3.20	60.03	3.31	63.55	3.43	66.08	3.47	70.57	3.54	74.08	3.61
	14	56.48	3.24	59.99	3.36	63.50	3.48	66.03	3.52	70.51	3.59	74.02	3.66
	20	56.44	3.29	59.94	3.41	63.45	3.53	65.98	3.57	70.46	3.64	73.96	3.71
	25	56.40	3.33	59.90	3.46	63.40	3.58	65.93	3.62	70.40	3.69	73.91	3.77
	30	56.35	3.38	59.85	3.50	63.35	3.63	65.88	3.67	70.35	3.74	73.85	3.82
	35	56.31	3.43	59.81	3.55	63.30	3.68	65.83	3.73	70.30	3.80	73.79	3.87
	40	56.27	3.47	59.76	3.60	63.25	3.73	65.78	3.78	70.24	3.85	73.74	3.92
	45	56.22	3.52	59.71	3.65	63.21	3.78	65.73	3.83	70.19	3.90	73.68	3.98
	50	56.18	3.57	59.67	3.70	63.16	3.83	65.68	3.88	70.14	3.95	73.63	4.03
	55	56.14	3.61	59.62	3.75	63.11	3.88	65.63	3.93	70.08	4.00	73.57	4.08
	60	56.09	3.66	59.58	3.79	63.06	3.93	65.58	3.98	70.03	4.05	73.51	4.13
	65	56.05	3.71	59.53	3.84	63.01	3.98	65.53	4.03	69.97	4.10	73.46	4.19
	70	56.01	3.75	59.49	3.89	62.96	4.03	65.48	4.08	69.92	4.16	73.40	4.24
	75	54.66	3.96	58.13	4.10	61.60	4.25	64.11	4.30	68.54	4.38	72.01	4.47
	80	53.31	4.16	56.77	4.31	60.23	4.47	62.73	4.52	67.16	4.60	70.62	4.70
	85	51.98	4.36	55.43	4.52	58.88	4.69	61.37	4.74	65.79	4.83	69.24	4.93
	90	50.64	4.56	54.08	4.73	57.53	4.90	60.02	4.96	64.42	5.05	67.86	5.15
	95	49.19	4.77	52.62	4.94	56.04	5.12	57.62	5.18	62.22	5.22	64.39	5.22
	100	48.61	4.97	52.09	5.15	54.34	5.22	55.49	5.22	59.36	5.22	61.44	5.22
	105	48.03	5.17	50.24	5.22	51.74	5.22	53.09	5.22	56.63	5.22	58.71	5.22
	110	46.15	5.22	47.85	5.22	49.42	5.22	50.86	5.22	54.21	5.22	56.21	5.22
	115	43.87	5.22	45.63	5.22	47.18	5.22	48.79	5.22	51.94	5.22	53.87	5.22
	118	42.64	5.22	44.35	5.22	45.94	5.22	47.64	5.22	50.60	5.22	52.54	5.22
	122	41.37	5.22	43.08	5.22	44.54	5.22	46.25	5.22	49.13	5.22	51.05	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 151: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-4	57.02	3.09	60.56	3.20	64.10	3.32	66.66	3.36	71.19	3.42	74.73	3.49
	0	56.99	3.12	60.53	3.24	64.07	3.36	66.63	3.39	71.15	3.46	74.69	3.53
	5	56.94	3.17	60.48	3.29	64.02	3.41	66.57	3.45	71.09	3.51	74.63	3.59
	10	56.90	3.22	60.43	3.34	63.97	3.46	66.52	3.50	71.04	3.57	74.57	3.64
	14	56.86	3.27	60.39	3.39	63.92	3.51	66.47	3.55	70.98	3.62	74.51	3.69
	20	56.81	3.32	60.34	3.44	63.87	3.56	66.42	3.60	70.93	3.67	74.46	3.74
	25	56.77	3.36	60.30	3.49	63.82	3.61	66.37	3.65	70.87	3.72	74.40	3.80
	30	56.73	3.41	60.25	3.53	63.77	3.66	66.32	3.71	70.82	3.77	74.34	3.85
	35	56.68	3.46	60.20	3.58	63.72	3.71	66.27	3.76	70.77	3.83	74.29	3.90
	40	56.64	3.50	60.16	3.63	63.68	3.76	66.22	3.81	70.71	3.88	74.23	3.96
	45	56.60	3.55	60.11	3.68	63.63	3.81	66.17	3.86	70.66	3.93	74.17	4.01
	50	56.55	3.60	60.07	3.73	63.58	3.86	66.11	3.91	70.60	3.98	74.11	4.06
	55	56.51	3.64	60.02	3.78	63.53	3.92	66.06	3.96	70.55	4.03	74.06	4.12
	60	56.47	3.69	59.97	3.83	63.48	3.97	66.01	4.01	70.49	4.09	74.00	4.17
	65	56.42	3.74	59.93	3.87	63.43	4.02	65.96	4.06	70.44	4.14	73.94	4.22
	70	56.38	3.79	59.88	3.92	63.38	4.07	65.91	4.11	70.39	4.19	73.89	4.27
	75	55.02	3.99	58.52	4.13	62.01	4.29	64.53	4.34	68.99	4.42	72.49	4.51
	80	53.67	4.19	57.15	4.35	60.64	4.51	63.15	4.56	67.60	4.64	71.09	4.74
	85	52.32	4.40	55.80	4.56	59.27	4.72	61.78	4.78	66.22	4.87	69.70	4.97
	90	50.98	4.60	54.44	4.77	57.91	4.94	60.42	5.00	64.85	5.09	68.31	5.20
	95	49.52	4.81	52.97	4.98	56.42	5.16	58.00	5.22	62.17	5.22	64.22	5.22
	100	48.93	5.01	52.43	5.19	54.30	5.22	55.45	5.22	59.22	5.22	61.30	5.22
	105	48.35	5.21	50.20	5.22	51.72	5.22	52.97	5.22	56.61	5.22	58.61	5.22
	110	46.03	5.22	47.74	5.22	49.32	5.22	50.76	5.22	54.11	5.22	56.11	5.22
	115	43.85	5.22	45.54	5.22	47.10	5.22	48.72	5.22	51.87	5.22	53.80	5.22
	118	42.55	5.22	44.26	5.22	45.86	5.22	47.58	5.22	50.54	5.22	52.48	5.22
	122	41.29	5.22	43.02	5.22	44.49	5.22	46.20	5.22	49.08	5.22	51.01	5.22
55	-4	57.02	3.09	60.56	3.20	64.10	3.32	66.66	3.36	71.19	3.42	74.73	3.49
	0	56.99	3.12	60.53	3.24	64.07	3.36	66.63	3.39	71.15	3.46	74.69	3.53
	5	56.94	3.17	60.48	3.29	64.02	3.41	66.57	3.45	71.09	3.51	74.63	3.59
	10	56.90	3.22	60.43	3.34	63.97	3.46	66.52	3.50	71.04	3.57	74.57	3.64
	14	56.86	3.27	60.39	3.39	63.92	3.51	66.47	3.55	70.98	3.62	74.51	3.69
	20	56.81	3.32	60.34	3.44	63.87	3.56	66.42	3.60	70.93	3.67	74.46	3.74
	25	56.77	3.36	60.30	3.49	63.82	3.61	66.37	3.65	70.87	3.72	74.40	3.80
	30	56.73	3.41	60.25	3.53	63.77	3.66	66.32	3.71	70.82	3.77	74.34	3.85
	35	56.68	3.46	60.20	3.58	63.72	3.71	66.27	3.76	70.77	3.83	74.29	3.90
	40	56.64	3.50	60.16	3.63	63.68	3.76	66.22	3.81	70.71	3.88	74.23	3.96
	45	56.60	3.55	60.11	3.68	63.63	3.81	66.17	3.86	70.66	3.93	74.17	4.01
	50	56.55	3.60	60.07	3.73	63.58	3.86	66.11	3.91	70.60	3.98	74.11	4.06
	55	56.51	3.64	60.02	3.78	63.53	3.92	66.06	3.96	70.55	4.03	74.06	4.12
	60	56.47	3.69	59.97	3.83	63.48	3.97	66.01	4.01	70.49	4.09	74.00	4.17
	65	56.42	3.74	59.93	3.87	63.43	4.02	65.96	4.06	70.44	4.14	73.94	4.22
	70	56.38	3.79	59.88	3.92	63.38	4.07	65.91	4.11	70.39	4.19	73.89	4.27
	75	55.02	3.99	58.52	4.13	62.01	4.29	64.53	4.34	68.99	4.42	72.49	4.51
	80	53.67	4.19	57.15	4.35	60.64	4.51	63.15	4.56	67.60	4.64	71.09	4.74
	85	52.32	4.40	55.80	4.56	59.27	4.72	61.78	4.78	66.22	4.87	69.70	4.97
	90	50.98	4.60	54.44	4.77	57.91	4.94	60.42	5.00	64.85	5.09	68.31	5.20
	95	49.52	4.81	52.97	4.98	56.42	5.16	58.00	5.22	62.17	5.22	64.22	5.22
	100	48.93	5.01	52.43	5.19	54.30	5.22	55.45	5.22	59.22	5.22	61.30	5.22
	105	48.35	5.21	50.20	5.22	51.72	5.22	52.97	5.22	56.61	5.22	58.61	5.22
	110	46.03	5.22	47.74	5.22	49.32	5.22	50.76	5.22	54.11	5.22	56.11	5.22
	115	43.85	5.22	45.54	5.22	47.10	5.22	48.72	5.22	51.87	5.22	53.80	5.22
	118	42.55	5.22	44.26	5.22	45.86	5.22	47.58	5.22	50.54	5.22	52.48	5.22
	122	41.29	5.22	43.02	5.22	44.49	5.22	46.20	5.22	49.08	5.22	51.01	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 152: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
56	-4	57.02	3.09	60.56	3.20	64.10	3.32	66.66	3.36	71.19	3.42	74.73	3.49
	0	56.99	3.12	60.53	3.24	64.07	3.36	66.63	3.39	71.15	3.46	74.69	3.53
	5	56.94	3.17	60.48	3.29	64.02	3.41	66.57	3.45	71.09	3.51	74.63	3.59
	10	56.90	3.22	60.43	3.34	63.97	3.46	66.52	3.50	71.04	3.57	74.57	3.64
	14	56.86	3.27	60.39	3.39	63.92	3.51	66.47	3.55	70.98	3.62	74.51	3.69
	20	56.81	3.32	60.34	3.44	63.87	3.56	66.42	3.60	70.93	3.67	74.46	3.74
	25	56.77	3.36	60.30	3.49	63.82	3.61	66.37	3.65	70.87	3.72	74.40	3.80
	30	56.73	3.41	60.25	3.53	63.77	3.66	66.32	3.71	70.82	3.77	74.34	3.85
	35	56.68	3.46	60.20	3.58	63.72	3.71	66.27	3.76	70.77	3.83	74.29	3.90
	40	56.64	3.50	60.16	3.63	63.68	3.76	66.22	3.81	70.71	3.88	74.23	3.96
	45	56.60	3.55	60.11	3.68	63.63	3.81	66.17	3.86	70.66	3.93	74.17	4.01
	50	56.55	3.60	60.07	3.73	63.58	3.86	66.11	3.91	70.60	3.98	74.11	4.06
	55	56.51	3.64	60.02	3.78	63.53	3.92	66.06	3.96	70.55	4.03	74.06	4.12
	60	56.47	3.69	59.97	3.83	63.48	3.97	66.01	4.01	70.49	4.09	74.00	4.17
	65	56.42	3.74	59.93	3.87	63.43	4.02	65.96	4.06	70.44	4.14	73.94	4.22
	70	56.38	3.79	59.88	3.92	63.38	4.07	65.91	4.11	70.39	4.19	73.89	4.27
	75	55.02	3.99	58.52	4.13	62.01	4.29	64.53	4.34	68.99	4.42	72.49	4.51
	80	53.67	4.19	57.15	4.35	60.64	4.51	63.15	4.56	67.60	4.64	71.09	4.74
	85	52.32	4.40	55.80	4.56	59.27	4.72	61.78	4.78	66.22	4.87	69.70	4.97
	90	50.98	4.60	54.44	4.77	57.91	4.94	60.42	5.00	64.85	5.09	68.31	5.20
	95	49.52	4.81	52.97	4.98	56.42	5.16	58.00	5.22	62.17	5.22	64.22	5.22
	100	48.93	5.01	52.43	5.19	54.30	5.22	55.45	5.22	59.22	5.22	61.30	5.22
	105	48.35	5.21	50.20	5.22	51.72	5.22	52.97	5.22	56.61	5.22	58.61	5.22
	110	46.03	5.22	47.74	5.22	49.32	5.22	50.76	5.22	54.11	5.22	56.11	5.22
57	115	43.85	5.22	45.54	5.22	47.10	5.22	48.72	5.22	51.87	5.22	53.80	5.22
	118	42.55	5.22	44.26	5.22	45.86	5.22	47.58	5.22	50.54	5.22	52.48	5.22
	122	41.29	5.22	43.02	5.22	44.49	5.22	46.20	5.22	49.08	5.22	51.01	5.22
	-4	57.02	3.09	60.56	3.20	64.10	3.32	66.66	3.36	71.19	3.42	74.73	3.49
	0	56.99	3.12	60.53	3.24	64.07	3.36	66.63	3.39	71.15	3.46	74.69	3.53
	5	56.94	3.17	60.48	3.29	64.02	3.41	66.57	3.45	71.09	3.51	74.63	3.59
	10	56.90	3.22	60.43	3.34	63.97	3.46	66.52	3.50	71.04	3.57	74.57	3.64
	14	56.86	3.27	60.39	3.39	63.92	3.51	66.47	3.55	70.98	3.62	74.51	3.69
	20	56.81	3.32	60.34	3.44	63.87	3.56	66.42	3.60	70.93	3.67	74.46	3.74
	25	56.77	3.36	60.30	3.49	63.82	3.61	66.37	3.65	70.87	3.72	74.40	3.80
	30	56.73	3.41	60.25	3.53	63.77	3.66	66.32	3.71	70.82	3.77	74.34	3.85
	35	56.68	3.46	60.20	3.58	63.72	3.71	66.27	3.76	70.77	3.83	74.29	3.90
	40	56.64	3.50	60.16	3.63	63.68	3.76	66.22	3.81	70.71	3.88	74.23	3.96
	45	56.60	3.55	60.11	3.68	63.63	3.81	66.17	3.86	70.66	3.93	74.17	4.01
	50	56.55	3.60	60.07	3.73	63.58	3.86	66.11	3.91	70.60	3.98	74.11	4.06
	55	56.51	3.64	60.02	3.78	63.53	3.92	66.06	3.96	70.55	4.03	74.06	4.12
	60	56.47	3.69	59.97	3.83	63.48	3.97	66.01	4.01	70.49	4.09	74.00	4.17
	65	56.42	3.74	59.93	3.87	63.43	4.02	65.96	4.06	70.44	4.14	73.94	4.22
	70	56.38	3.79	59.88	3.92	63.38	4.07	65.91	4.11	70.39	4.19	73.89	4.27
	75	55.02	3.99	58.52	4.13	62.01	4.29	64.53	4.34	68.99	4.42	72.49	4.51
	80	53.67	4.19	57.15	4.35	60.64	4.51	63.15	4.56	67.60	4.64	71.09	4.74
	85	52.32	4.40	55.80	4.56	59.27	4.72	61.78	4.78	66.22	4.87	69.70	4.97
	90	50.98	4.60	54.44	4.77	57.91	4.94	60.42	5.00	64.85	5.09	68.31	5.20
	95	49.52	4.81	52.97	4.98	56.42	5.16	58.00	5.22	62.17	5.22	64.22	5.22
	100	48.93	5.01	52.43	5.19	54.30	5.22	55.45	5.22	59.22	5.22	61.30	5.22
	105	48.35	5.21	50.20	5.22	51.72	5.22	52.97	5.22	56.61	5.22	58.61	5.22
	110	46.03	5.22	47.74	5.22	49.32	5.22	50.76	5.22	54.11	5.22	56.11	5.22
	115	43.85	5.22	45.54	5.22	47.10	5.22	48.72	5.22	51.87	5.22	53.80	5.22
	118	42.55	5.22	44.26	5.22	45.86	5.22	47.58	5.22	50.54	5.22	52.48	5.22
	122	41.29	5.22	43.02	5.22	44.49	5.22	46.20	5.22	49.08	5.22	51.01	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 153: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
58	-4	57.02	3.09	60.56	3.20	64.10	3.32	66.66	3.36	71.19	3.42	74.73	3.49
	0	56.99	3.12	60.53	3.24	64.07	3.36	66.63	3.39	71.15	3.46	74.69	3.53
	5	56.94	3.17	60.48	3.29	64.02	3.41	66.57	3.45	71.09	3.51	74.63	3.59
	10	56.90	3.22	60.43	3.34	63.97	3.46	66.52	3.50	71.04	3.57	74.57	3.64
	14	56.86	3.27	60.39	3.39	63.92	3.51	66.47	3.55	70.98	3.62	74.51	3.69
	20	56.81	3.32	60.34	3.44	63.87	3.56	66.42	3.60	70.93	3.67	74.46	3.74
	25	56.77	3.36	60.30	3.49	63.82	3.61	66.37	3.65	70.87	3.72	74.40	3.80
	30	56.73	3.41	60.25	3.53	63.77	3.66	66.32	3.71	70.82	3.77	74.34	3.85
	35	56.68	3.46	60.20	3.58	63.72	3.71	66.27	3.76	70.77	3.83	74.29	3.90
	40	56.64	3.50	60.16	3.63	63.68	3.76	66.22	3.81	70.71	3.88	74.23	3.96
	45	56.60	3.55	60.11	3.68	63.63	3.81	66.17	3.86	70.66	3.93	74.17	4.01
	50	56.55	3.60	60.07	3.73	63.58	3.86	66.11	3.91	70.60	3.98	74.11	4.06
	55	56.51	3.64	60.02	3.78	63.53	3.92	66.06	3.96	70.55	4.03	74.06	4.12
	60	56.47	3.69	59.97	3.83	63.48	3.97	66.01	4.01	70.49	4.09	74.00	4.17
	65	56.42	3.74	59.93	3.87	63.43	4.02	65.96	4.06	70.44	4.14	73.94	4.22
	70	56.38	3.79	59.88	3.92	63.38	4.07	65.91	4.11	70.39	4.19	73.89	4.27
	75	55.02	3.99	58.52	4.13	62.01	4.29	64.53	4.34	68.99	4.42	72.49	4.51
	80	53.67	4.19	57.15	4.35	60.64	4.51	63.15	4.56	67.60	4.64	71.09	4.74
	85	52.32	4.40	55.80	4.56	59.27	4.72	61.78	4.78	66.22	4.87	69.70	4.97
	90	50.98	4.60	54.44	4.77	57.91	4.94	60.42	5.00	64.85	5.09	68.31	5.20
	95	49.52	4.81	52.97	4.98	56.42	5.16	58.00	5.22	62.17	5.22	64.22	5.22
	100	48.93	5.01	52.43	5.19	54.30	5.22	55.45	5.22	59.22	5.22	61.30	5.22
	105	48.35	5.21	50.20	5.22	51.72	5.22	52.97	5.22	56.61	5.22	58.61	5.22
	110	46.03	5.22	47.74	5.22	49.32	5.22	50.76	5.22	54.11	5.22	56.11	5.22
59	115	43.85	5.22	45.54	5.22	47.10	5.22	48.72	5.22	51.87	5.22	53.80	5.22
	118	42.55	5.22	44.26	5.22	45.86	5.22	47.58	5.22	50.54	5.22	52.48	5.22
	122	41.29	5.22	43.02	5.22	44.49	5.22	46.20	5.22	49.08	5.22	51.01	5.22
	-4	57.02	3.09	60.56	3.20	64.10	3.32	66.66	3.36	71.19	3.42	74.73	3.49
	0	56.99	3.12	60.53	3.24	64.07	3.36	66.63	3.39	71.15	3.46	74.69	3.53
	5	56.94	3.17	60.48	3.29	64.02	3.41	66.57	3.45	71.09	3.51	74.63	3.59
	10	56.90	3.22	60.43	3.34	63.97	3.46	66.52	3.50	71.04	3.57	74.57	3.64
	14	56.86	3.27	60.39	3.39	63.92	3.51	66.47	3.55	70.98	3.62	74.51	3.69
	20	56.81	3.32	60.34	3.44	63.87	3.56	66.42	3.60	70.93	3.67	74.46	3.74
	25	56.77	3.36	60.30	3.49	63.82	3.61	66.37	3.65	70.87	3.72	74.40	3.80
	30	56.73	3.41	60.25	3.53	63.77	3.66	66.32	3.71	70.82	3.77	74.34	3.85
	35	56.68	3.46	60.20	3.58	63.72	3.71	66.27	3.76	70.77	3.83	74.29	3.90
	40	56.64	3.50	60.16	3.63	63.68	3.76	66.22	3.81	70.71	3.88	74.23	3.96
	45	56.60	3.55	60.11	3.68	63.63	3.81	66.17	3.86	70.66	3.93	74.17	4.01
	50	56.55	3.60	60.07	3.73	63.58	3.86	66.11	3.91	70.60	3.98	74.11	4.06
	55	56.51	3.64	60.02	3.78	63.53	3.92	66.06	3.96	70.55	4.03	74.06	4.12
	60	56.47	3.69	59.97	3.83	63.48	3.97	66.01	4.01	70.49	4.09	74.00	4.17
	65	56.42	3.74	59.93	3.87	63.43	4.02	65.96	4.06	70.44	4.14	73.94	4.22
	70	56.38	3.79	59.88	3.92	63.38	4.07	65.91	4.11	70.39	4.19	73.89	4.27
	75	55.02	3.99	58.52	4.13	62.01	4.29	64.53	4.34	68.99	4.42	72.49	4.51
	80	53.67	4.19	57.15	4.35	60.64	4.51	63.15	4.56	67.60	4.64	71.09	4.74
	85	52.32	4.40	55.80	4.56	59.27	4.72	61.78	4.78	66.22	4.87	69.70	4.97
	90	50.98	4.60	54.44	4.77	57.91	4.94	60.42	5.00	64.85	5.09	68.31	5.20
	95	49.52	4.81	52.97	4.98	56.42	5.16	58.00	5.22	62.17	5.22	64.22	5.22
	100	48.93	5.01	52.43	5.19	54.30	5.22	55.45	5.22	59.22	5.22	61.30	5.22
	105	48.35	5.21	50.20	5.22	51.72	5.22	52.97	5.22	56.61	5.22	58.61	5.22
	110	46.03	5.22	47.74	5.22	49.32	5.22	50.76	5.22	54.11	5.22	56.11	5.22
	115	43.85	5.22	45.54	5.22	47.10	5.22	48.72	5.22	51.87	5.22	53.80	5.22
	118	42.55	5.22	44.26	5.22	45.86	5.22	47.58	5.22	50.54	5.22	52.48	5.22
	122	41.29	5.22	43.02	5.22	44.49	5.22	46.20	5.22	49.08	5.22	51.01	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 154: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	-4	57.02	3.09	60.56	3.20	64.10	3.32	66.66	3.36	71.19	3.42	74.73	3.49
	0	56.99	3.12	60.53	3.24	64.07	3.36	66.63	3.39	71.15	3.46	74.69	3.53
	5	56.94	3.17	60.48	3.29	64.02	3.41	66.57	3.45	71.09	3.51	74.63	3.59
	10	56.90	3.22	60.43	3.34	63.97	3.46	66.52	3.50	71.04	3.57	74.57	3.64
	14	56.86	3.27	60.39	3.39	63.92	3.51	66.47	3.55	70.98	3.62	74.51	3.69
	20	56.81	3.32	60.34	3.44	63.87	3.56	66.42	3.60	70.93	3.67	74.46	3.74
	25	56.77	3.36	60.30	3.49	63.82	3.61	66.37	3.65	70.87	3.72	74.40	3.80
	30	56.73	3.41	60.25	3.53	63.77	3.66	66.32	3.71	70.82	3.77	74.34	3.85
	35	56.68	3.46	60.20	3.58	63.72	3.71	66.27	3.76	70.77	3.83	74.29	3.90
	40	56.64	3.50	60.16	3.63	63.68	3.76	66.22	3.81	70.71	3.88	74.23	3.96
	45	56.60	3.55	60.11	3.68	63.63	3.81	66.17	3.86	70.66	3.93	74.17	4.01
	50	56.55	3.60	60.07	3.73	63.58	3.86	66.11	3.91	70.60	3.98	74.11	4.06
	55	56.51	3.64	60.02	3.78	63.53	3.92	66.06	3.96	70.55	4.03	74.06	4.12
	60	56.47	3.69	59.97	3.83	63.48	3.97	66.01	4.01	70.49	4.09	74.00	4.17
	65	56.42	3.74	59.93	3.87	63.43	4.02	65.96	4.06	70.44	4.14	73.94	4.22
	70	56.38	3.79	59.88	3.92	63.38	4.07	65.91	4.11	70.39	4.19	73.89	4.27
	75	55.02	3.99	58.52	4.13	62.01	4.29	64.53	4.34	68.99	4.42	72.49	4.51
	80	53.67	4.19	57.15	4.35	60.64	4.51	63.15	4.56	67.60	4.64	71.09	4.74
	85	52.32	4.40	55.80	4.56	59.27	4.72	61.78	4.78	66.22	4.87	69.70	4.97
	90	50.98	4.60	54.44	4.77	57.91	4.94	60.42	5.00	64.85	5.09	68.31	5.20
	95	49.52	4.81	52.97	4.98	56.42	5.16	58.00	5.22	62.17	5.22	64.22	5.22
	100	48.93	5.01	52.43	5.19	54.30	5.22	55.45	5.22	59.22	5.22	61.30	5.22
	105	48.35	5.21	50.20	5.22	51.72	5.22	52.97	5.22	56.61	5.22	58.61	5.22
	110	46.03	5.22	47.74	5.22	49.32	5.22	50.76	5.22	54.11	5.22	56.11	5.22
	115	43.85	5.22	45.54	5.22	47.10	5.22	48.72	5.22	51.87	5.22	53.80	5.22
	118	42.55	5.22	44.26	5.22	45.86	5.22	47.58	5.22	50.54	5.22	52.48	5.22
	122	41.29	5.22	43.02	5.22	44.49	5.22	46.20	5.22	49.08	5.22	51.01	5.22
61	-4	57.02	3.09	60.56	3.20	64.10	3.32	66.66	3.36	71.19	3.42	74.73	3.49
	0	56.99	3.12	60.53	3.24	64.07	3.36	66.63	3.39	71.15	3.46	74.69	3.53
	5	56.94	3.17	60.48	3.29	64.02	3.41	66.57	3.45	71.09	3.51	74.63	3.59
	10	56.90	3.22	60.43	3.34	63.97	3.46	66.52	3.50	71.04	3.57	74.57	3.64
	14	56.86	3.27	60.39	3.39	63.92	3.51	66.47	3.55	70.98	3.62	74.51	3.69
	20	56.81	3.32	60.34	3.44	63.87	3.56	66.42	3.60	70.93	3.67	74.46	3.74
	25	56.77	3.36	60.30	3.49	63.82	3.61	66.37	3.65	70.87	3.72	74.40	3.80
	30	56.73	3.41	60.25	3.53	63.77	3.66	66.32	3.71	70.82	3.77	74.34	3.85
	35	56.68	3.46	60.20	3.58	63.72	3.71	66.27	3.76	70.77	3.83	74.29	3.90
	40	56.64	3.50	60.16	3.63	63.68	3.76	66.22	3.81	70.71	3.88	74.23	3.96
	45	56.60	3.55	60.11	3.68	63.63	3.81	66.17	3.86	70.66	3.93	74.17	4.01
	50	56.55	3.60	60.07	3.73	63.58	3.86	66.11	3.91	70.60	3.98	74.11	4.06
	55	56.51	3.64	60.02	3.78	63.53	3.92	66.06	3.96	70.55	4.03	74.06	4.12
	60	56.47	3.69	59.97	3.83	63.48	3.97	66.01	4.01	70.49	4.09	74.00	4.17
	65	56.42	3.74	59.93	3.87	63.43	4.02	65.96	4.06	70.44	4.14	73.94	4.22
	70	56.38	3.79	59.88	3.92	63.38	4.07	65.91	4.11	70.39	4.19	73.89	4.27
	75	55.02	3.99	58.52	4.13	62.01	4.29	64.53	4.34	68.99	4.42	72.49	4.51
	80	53.67	4.19	57.15	4.35	60.64	4.51	63.15	4.56	67.60	4.64	71.09	4.74
	85	52.32	4.40	55.80	4.56	59.27	4.72	61.78	4.78	66.22	4.87	69.70	4.97
	90	50.98	4.60	54.44	4.77	57.91	4.94	60.42	5.00	64.85	5.09	68.31	5.20
	95	49.52	4.81	52.97	4.98	56.42	5.16	58.00	5.22	62.17	5.22	64.22	5.22
	100	48.93	5.01	52.43	5.19	54.30	5.22	55.45	5.22	59.22	5.22	61.30	5.22
	105	48.35	5.21	50.20	5.22	51.72	5.22	52.97	5.22	56.61	5.22	58.61	5.22
	110	46.03	5.22	47.74	5.22	49.32	5.22	50.76	5.22	54.11	5.22	56.11	5.22
	115	43.85	5.22	45.54	5.22	47.10	5.22	48.72	5.22	51.87	5.22	53.80	5.22
	118	42.55	5.22	44.26	5.22	45.86	5.22	47.58	5.22	50.54	5.22	52.48	5.22
	122	41.29	5.22	43.02	5.22	44.49	5.22	46.20	5.22	49.08	5.22	51.01	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 155: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
62	-4	57.02	3.09	60.56	3.20	64.10	3.32	66.66	3.36	71.19	3.42	74.73	3.49
	0	56.99	3.12	60.53	3.24	64.07	3.36	66.63	3.39	71.15	3.46	74.69	3.53
	5	56.94	3.17	60.48	3.29	64.02	3.41	66.57	3.45	71.09	3.51	74.63	3.59
	10	56.90	3.22	60.43	3.34	63.97	3.46	66.52	3.50	71.04	3.57	74.57	3.64
	14	56.86	3.27	60.39	3.39	63.92	3.51	66.47	3.55	70.98	3.62	74.51	3.69
	20	56.81	3.32	60.34	3.44	63.87	3.56	66.42	3.60	70.93	3.67	74.46	3.74
	25	56.77	3.36	60.30	3.49	63.82	3.61	66.37	3.65	70.87	3.72	74.40	3.80
	30	56.73	3.41	60.25	3.53	63.77	3.66	66.32	3.71	70.82	3.77	74.34	3.85
	35	56.68	3.46	60.20	3.58	63.72	3.71	66.27	3.76	70.77	3.83	74.29	3.90
	40	56.64	3.50	60.16	3.63	63.68	3.76	66.22	3.81	70.71	3.88	74.23	3.96
	45	56.60	3.55	60.11	3.68	63.63	3.81	66.17	3.86	70.66	3.93	74.17	4.01
	50	56.55	3.60	60.07	3.73	63.58	3.86	66.11	3.91	70.60	3.98	74.11	4.06
	55	56.51	3.64	60.02	3.78	63.53	3.92	66.06	3.96	70.55	4.03	74.06	4.12
	60	56.47	3.69	59.97	3.83	63.48	3.97	66.01	4.01	70.49	4.09	74.00	4.17
	65	56.42	3.74	59.93	3.87	63.43	4.02	65.96	4.06	70.44	4.14	73.94	4.22
	70	56.38	3.79	59.88	3.92	63.38	4.07	65.91	4.11	70.39	4.19	73.89	4.27
	75	55.02	3.99	58.52	4.13	62.01	4.29	64.53	4.34	68.99	4.42	72.49	4.51
	80	53.67	4.19	57.15	4.35	60.64	4.51	63.15	4.56	67.60	4.64	71.09	4.74
	85	52.32	4.40	55.80	4.56	59.27	4.72	61.78	4.78	66.22	4.87	69.70	4.97
	90	50.98	4.60	54.44	4.77	57.91	4.94	60.42	5.00	64.85	5.09	68.31	5.20
	95	49.52	4.81	52.97	4.98	56.42	5.16	58.00	5.22	62.17	5.22	64.22	5.22
	100	48.93	5.01	52.43	5.19	54.30	5.22	55.45	5.22	59.22	5.22	61.30	5.22
	105	48.35	5.21	50.20	5.22	51.72	5.22	52.97	5.22	56.61	5.22	58.61	5.22
	110	46.03	5.22	47.74	5.22	49.32	5.22	50.76	5.22	54.11	5.22	56.11	5.22
	115	43.85	5.22	45.54	5.22	47.10	5.22	48.72	5.22	51.87	5.22	53.80	5.22
	118	42.55	5.22	44.26	5.22	45.86	5.22	47.58	5.22	50.54	5.22	52.48	5.22
	122	41.29	5.22	43.02	5.22	44.49	5.22	46.20	5.22	49.08	5.22	51.01	5.22
63	-4	57.02	3.09	60.56	3.20	64.10	3.32	66.66	3.36	71.19	3.42	74.73	3.49
	0	56.99	3.12	60.53	3.24	64.07	3.36	66.63	3.39	71.15	3.46	74.69	3.53
	5	56.94	3.17	60.48	3.29	64.02	3.41	66.57	3.45	71.09	3.51	74.63	3.59
	10	56.90	3.22	60.43	3.34	63.97	3.46	66.52	3.50	71.04	3.57	74.57	3.64
	14	56.86	3.27	60.39	3.39	63.92	3.51	66.47	3.55	70.98	3.62	74.51	3.69
	20	56.81	3.32	60.34	3.44	63.87	3.56	66.42	3.60	70.93	3.67	74.46	3.74
	25	56.77	3.36	60.30	3.49	63.82	3.61	66.37	3.65	70.87	3.72	74.40	3.80
	30	56.73	3.41	60.25	3.53	63.77	3.66	66.32	3.71	70.82	3.77	74.34	3.85
	35	56.68	3.46	60.20	3.58	63.72	3.71	66.27	3.76	70.77	3.83	74.29	3.90
	40	56.64	3.50	60.16	3.63	63.68	3.76	66.22	3.81	70.71	3.88	74.23	3.96
	45	56.60	3.55	60.11	3.68	63.63	3.81	66.17	3.86	70.66	3.93	74.17	4.01
	50	56.55	3.60	60.07	3.73	63.58	3.86	66.11	3.91	70.60	3.98	74.11	4.06
	55	56.51	3.64	60.02	3.78	63.53	3.92	66.06	3.96	70.55	4.03	74.06	4.12
	60	56.47	3.69	59.97	3.83	63.48	3.97	66.01	4.01	70.49	4.09	74.00	4.17
	65	56.42	3.74	59.93	3.87	63.43	4.02	65.96	4.06	70.44	4.14	73.94	4.22
	70	56.38	3.79	59.88	3.92	63.38	4.07	65.91	4.11	70.39	4.19	73.89	4.27
	75	55.02	3.99	58.52	4.13	62.01	4.29	64.53	4.34	68.99	4.42	72.49	4.51
	80	53.67	4.19	57.15	4.35	60.64	4.51	63.15	4.56	67.60	4.64	71.09	4.74
	85	52.32	4.40	55.80	4.56	59.27	4.72	61.78	4.78	66.22	4.87	69.70	4.97
	90	50.98	4.60	54.44	4.77	57.91	4.94	60.42	5.00	64.85	5.09	68.31	5.20
	95	49.52	4.81	52.97	4.98	56.42	5.16	58.00	5.22	62.17	5.22	64.22	5.22
	100	48.93	5.01	52.43	5.19	54.30	5.22	55.45	5.22	59.22	5.22	61.30	5.22
	105	48.35	5.21	50.20	5.22	51.72	5.22	52.97	5.22	56.61	5.22	58.61	5.22
	110	46.03	5.22	47.74	5.22	49.32	5.22	50.76	5.22	54.11	5.22	56.11	5.22
	115	43.85	5.22	45.54	5.22	47.10	5.22	48.72	5.22	51.87	5.22	53.80	5.22
	118	42.55	5.22	44.26	5.22	45.86	5.22	47.58	5.22	50.54	5.22	52.48	5.22
	122	41.29	5.22	43.02	5.22	44.49	5.22	46.20	5.22	49.08	5.22	51.01	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 156: KUMXA481A Maximum Cooling Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
64	-4	57.02	3.09	60.56	3.20	64.10	3.32	66.66	3.36	71.19	3.42	74.73	3.49
	0	56.99	3.12	60.53	3.24	64.07	3.36	66.63	3.39	71.15	3.46	74.69	3.53
	5	56.94	3.17	60.48	3.29	64.02	3.41	66.57	3.45	71.09	3.51	74.63	3.59
	10	56.90	3.22	60.43	3.34	63.97	3.46	66.52	3.50	71.04	3.57	74.57	3.64
	14	56.86	3.27	60.39	3.39	63.92	3.51	66.47	3.55	70.98	3.62	74.51	3.69
	20	56.81	3.32	60.34	3.44	63.87	3.56	66.42	3.60	70.93	3.67	74.46	3.74
	25	56.77	3.36	60.30	3.49	63.82	3.61	66.37	3.65	70.87	3.72	74.40	3.80
	30	56.73	3.41	60.25	3.53	63.77	3.66	66.32	3.71	70.82	3.77	74.34	3.85
	35	56.68	3.46	60.20	3.58	63.72	3.71	66.27	3.76	70.77	3.83	74.29	3.90
	40	56.64	3.50	60.16	3.63	63.68	3.76	66.22	3.81	70.71	3.88	74.23	3.96
	45	56.60	3.55	60.11	3.68	63.63	3.81	66.17	3.86	70.66	3.93	74.17	4.01
	50	56.55	3.60	60.07	3.73	63.58	3.86	66.11	3.91	70.60	3.98	74.11	4.06
	55	56.51	3.64	60.02	3.78	63.53	3.92	66.06	3.96	70.55	4.03	74.06	4.12
	60	56.47	3.69	59.97	3.83	63.48	3.97	66.01	4.01	70.49	4.09	74.00	4.17
	65	56.42	3.74	59.93	3.87	63.43	4.02	65.96	4.06	70.44	4.14	73.94	4.22
	70	56.38	3.79	59.88	3.92	63.38	4.07	65.91	4.11	70.39	4.19	73.89	4.27
	75	55.02	3.99	58.52	4.13	62.01	4.29	64.53	4.34	68.99	4.42	72.49	4.51
	80	53.67	4.19	57.15	4.35	60.64	4.51	63.15	4.56	67.60	4.64	71.09	4.74
	85	52.32	4.40	55.80	4.56	59.27	4.72	61.78	4.78	66.22	4.87	69.70	4.97
	90	50.98	4.60	54.44	4.77	57.91	4.94	60.42	5.00	64.85	5.09	68.31	5.20
	95	49.52	4.81	52.97	4.98	56.42	5.16	58.00	5.22	62.17	5.22	64.22	5.22
	100	48.93	5.01	52.43	5.19	54.30	5.22	55.45	5.22	59.22	5.22	61.30	5.22
	105	48.35	5.21	50.20	5.22	51.72	5.22	52.97	5.22	56.61	5.22	58.61	5.22
	110	46.03	5.22	47.74	5.22	49.32	5.22	50.76	5.22	54.11	5.22	56.11	5.22
	115	43.85	5.22	45.54	5.22	47.10	5.22	48.72	5.22	51.87	5.22	53.80	5.22
	118	42.55	5.22	44.26	5.22	45.86	5.22	47.58	5.22	50.54	5.22	52.48	5.22
	122	41.29	5.22	43.02	5.22	44.49	5.22	46.20	5.22	49.08	5.22	51.01	5.22
65	-4	57.02	3.09	60.56	3.20	64.10	3.32	66.66	3.36	71.19	3.42	74.73	3.49
	0	56.99	3.12	60.53	3.24	64.07	3.36	66.63	3.39	71.15	3.46	74.69	3.53
	5	56.94	3.17	60.48	3.29	64.02	3.41	66.57	3.45	71.09	3.51	74.63	3.59
	10	56.90	3.22	60.43	3.34	63.97	3.46	66.52	3.50	71.04	3.57	74.57	3.64
	14	56.86	3.27	60.39	3.39	63.92	3.51	66.47	3.55	70.98	3.62	74.51	3.69
	20	56.81	3.32	60.34	3.44	63.87	3.56	66.42	3.60	70.93	3.67	74.46	3.74
	25	56.77	3.36	60.30	3.49	63.82	3.61	66.37	3.65	70.87	3.72	74.40	3.80
	30	56.73	3.41	60.25	3.53	63.77	3.66	66.32	3.71	70.82	3.77	74.34	3.85
	35	56.68	3.46	60.20	3.58	63.72	3.71	66.27	3.76	70.77	3.83	74.29	3.90
	40	56.64	3.50	60.16	3.63	63.68	3.76	66.22	3.81	70.71	3.88	74.23	3.96
	45	56.60	3.55	60.11	3.68	63.63	3.81	66.17	3.86	70.66	3.93	74.17	4.01
	50	56.55	3.60	60.07	3.73	63.58	3.86	66.11	3.91	70.60	3.98	74.11	4.06
	55	56.51	3.64	60.02	3.78	63.53	3.92	66.06	3.96	70.55	4.03	74.06	4.12
	60	56.47	3.69	59.97	3.83	63.48	3.97	66.01	4.01	70.49	4.09	74.00	4.17
	65	56.42	3.74	59.93	3.87	63.43	4.02	65.96	4.06	70.44	4.14	73.94	4.22
	70	56.38	3.79	59.88	3.92	63.38	4.07	65.91	4.11	70.39	4.19	73.89	4.27
	75	55.02	3.99	58.52	4.13	62.01	4.29	64.53	4.34	68.99	4.42	72.49	4.51
	80	53.67	4.19	57.15	4.35	60.64	4.51	63.15	4.56	67.60	4.64	71.09	4.74
	85	52.32	4.40	55.80	4.56	59.27	4.72	61.78	4.78	66.22	4.87	69.70	4.97
	90	50.98	4.60	54.44	4.77	57.91	4.94	60.42	5.00	64.85	5.09	68.31	5.20
	95	49.52	4.81	52.97	4.98	56.42	5.16	58.00	5.22	62.17	5.22	64.22	5.22
	100	48.93	5.01	52.43	5.19	54.30	5.22	55.45	5.22	59.22	5.22	61.30	5.22
	105	48.35	5.21	50.20	5.22	51.72	5.22	52.97	5.22	56.61	5.22	58.61	5.22
	110	46.03	5.22	47.74	5.22	49.32	5.22	50.76	5.22	54.11	5.22	56.11	5.22
	115	43.85	5.22	45.54	5.22	47.10	5.22	48.72	5.22	51.87	5.22	53.80	5.22
	118	42.55	5.22	44.26	5.22	45.86	5.22	47.58	5.22	50.54	5.22	52.48	5.22
	122	41.29	5.22	42.98	5.22	44.49	5.22	46.20	5.22	49.10	5.22	50.95	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 157: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-4	20.35	1.00	21.61	1.03	22.88	1.07	23.79	1.08	25.41	1.10	26.67	1.12
	0	20.34	1.01	21.60	1.04	22.87	1.08	23.78	1.09	25.39	1.11	26.66	1.14
	5	20.32	1.02	21.59	1.06	22.85	1.10	23.76	1.11	25.37	1.13	26.63	1.16
	10	20.31	1.04	21.57	1.08	22.83	1.12	23.74	1.13	25.35	1.15	26.61	1.17
	14	20.29	1.05	21.55	1.09	22.81	1.13	23.72	1.14	25.33	1.17	26.59	1.19
	20	20.28	1.07	21.54	1.11	22.80	1.15	23.70	1.16	25.31	1.18	26.57	1.21
	25	20.26	1.08	21.52	1.12	22.78	1.16	23.69	1.18	25.29	1.20	26.55	1.22
	30	20.25	1.10	21.50	1.14	22.76	1.18	23.67	1.19	25.28	1.22	26.53	1.24
	35	20.23	1.11	21.49	1.15	22.74	1.20	23.65	1.21	25.26	1.23	26.51	1.26
	40	20.21	1.13	21.47	1.17	22.73	1.21	23.63	1.23	25.24	1.25	26.49	1.27
	45	20.20	1.14	21.45	1.19	22.71	1.23	23.61	1.24	25.22	1.27	26.47	1.29
	50	20.18	1.16	21.44	1.20	22.69	1.25	23.60	1.26	25.20	1.28	26.45	1.31
	55	20.17	1.17	21.42	1.22	22.67	1.26	23.58	1.28	25.18	1.30	26.43	1.33
	60	20.15	1.19	21.40	1.23	22.66	1.28	23.56	1.29	25.16	1.32	26.41	1.34
	65	20.14	1.20	21.39	1.25	22.64	1.29	23.54	1.31	25.14	1.33	26.39	1.36
	70	20.12	1.22	21.37	1.26	22.62	1.31	23.52	1.33	25.12	1.35	26.37	1.38
	75	19.64	1.29	20.88	1.33	22.13	1.38	23.03	1.40	24.62	1.42	25.87	1.45
	80	19.15	1.35	20.40	1.40	21.64	1.45	22.54	1.47	24.13	1.50	25.37	1.53
	85	18.67	1.42	19.91	1.47	21.15	1.52	22.05	1.54	23.64	1.57	24.88	1.60
	90	18.19	1.48	19.43	1.54	20.67	1.59	21.56	1.61	23.14	1.64	24.38	1.67
	95	17.67	1.55	18.90	1.60	20.14	1.66	20.70	1.68	22.60	1.71	23.83	1.75
	100	17.46	1.61	18.71	1.67	19.96	1.73	20.61	1.75	22.46	1.79	23.71	1.82
19	105	17.26	1.68	18.52	1.74	19.79	1.80	20.52	1.83	22.32	1.86	23.59	1.90
	110	17.05	1.75	18.33	1.81	19.62	1.88	20.43	1.90	22.18	1.93	23.47	1.97
	115	16.84	1.81	18.14	1.88	19.44	1.95	20.34	1.97	22.05	2.01	23.35	2.05
	118	16.72	1.85	18.03	1.92	19.34	1.99	20.29	2.01	21.96	2.05	23.27	2.09
	122	16.67	1.90	17.99	1.97	19.30	2.05	20.27	2.07	21.94	2.11	23.25	2.15
	-4	21.39	1.05	22.72	1.09	24.04	1.13	25.00	1.14	26.70	1.16	28.03	1.18
	0	21.38	1.06	22.70	1.10	24.03	1.14	24.99	1.15	26.69	1.17	28.01	1.20
	5	21.36	1.08	22.69	1.12	24.01	1.16	24.97	1.17	26.66	1.19	27.99	1.22
	10	21.34	1.09	22.67	1.13	23.99	1.17	24.95	1.19	26.64	1.21	27.97	1.23
	14	21.33	1.11	22.65	1.15	23.98	1.19	24.93	1.21	26.62	1.23	27.95	1.25
	20	21.31	1.13	22.63	1.17	23.96	1.21	24.91	1.22	26.60	1.25	27.93	1.27
	25	21.29	1.14	22.62	1.18	23.94	1.23	24.89	1.24	26.58	1.26	27.91	1.29
	30	21.28	1.16	22.60	1.20	23.92	1.24	24.87	1.26	26.56	1.28	27.88	1.31
	35	21.26	1.17	22.58	1.22	23.90	1.26	24.86	1.27	26.54	1.30	27.86	1.32
	40	21.24	1.19	22.56	1.23	23.88	1.28	24.84	1.29	26.52	1.32	27.84	1.34
	45	21.23	1.21	22.55	1.25	23.87	1.29	24.82	1.31	26.50	1.33	27.82	1.36
	50	21.21	1.22	22.53	1.27	23.85	1.31	24.80	1.33	26.48	1.35	27.80	1.38
	55	21.20	1.24	22.51	1.28	23.83	1.33	24.78	1.34	26.46	1.37	27.78	1.40
	60	21.18	1.25	22.50	1.30	23.81	1.35	24.76	1.36	26.44	1.39	27.76	1.41
	65	21.16	1.27	22.48	1.32	23.79	1.36	24.74	1.38	26.42	1.40	27.74	1.43
	70	21.15	1.28	22.46	1.33	23.77	1.38	24.72	1.40	26.40	1.42	27.71	1.45
	75	20.64	1.35	21.95	1.40	23.26	1.45	24.20	1.47	25.88	1.50	27.19	1.53
	80	20.13	1.42	21.44	1.48	22.74	1.53	23.69	1.55	25.36	1.58	26.66	1.61
	85	19.63	1.49	20.93	1.55	22.23	1.60	23.17	1.62	24.84	1.65	26.14	1.69
	90	19.12	1.56	20.42	1.62	21.72	1.68	22.66	1.70	24.32	1.73	25.62	1.76
	95	18.57	1.63	19.87	1.69	21.16	1.75	21.75	1.77	23.75	1.81	25.04	1.84
	100	18.35	1.70	19.67	1.76	20.98	1.83	21.66	1.85	23.60	1.88	24.92	1.92
	105	18.14	1.77	19.47	1.83	20.80	1.90	21.57	1.92	23.46	1.96	24.79	2.00
	110	17.92	1.84	19.27	1.91	20.61	1.98	21.47	2.00	23.31	2.04	24.66	2.08
	115	17.70	1.91	19.07	1.98	20.43	2.05	21.38	2.07	23.17	2.11	24.54	2.16
	118	17.57	1.95	18.95	2.02	20.32	2.10	21.32	2.12	23.08	2.16	24.46	2.20
	122	17.52	2.01	18.91	2.08	20.29	2.15	21.30	2.18	23.05	2.22	24.43	2.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 158: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	-4	22.42	1.10	23.82	1.14	25.21	1.18	26.22	1.20	28.00	1.22	29.39	1.25
	0	22.41	1.11	23.80	1.16	25.20	1.20	26.20	1.21	27.98	1.23	29.37	1.26
	5	22.39	1.13	23.79	1.17	25.18	1.22	26.18	1.23	27.96	1.25	29.35	1.28
	10	22.38	1.15	23.77	1.19	25.16	1.23	26.16	1.25	27.94	1.27	29.33	1.30
	14	22.36	1.17	23.75	1.21	25.14	1.25	26.14	1.27	27.91	1.29	29.30	1.32
	20	22.34	1.18	23.73	1.23	25.12	1.27	26.12	1.29	27.89	1.31	29.28	1.34
	25	22.33	1.20	23.71	1.24	25.10	1.29	26.10	1.30	27.87	1.33	29.26	1.35
	30	22.31	1.22	23.69	1.26	25.08	1.31	26.08	1.32	27.85	1.35	29.24	1.37
	35	22.29	1.23	23.68	1.28	25.06	1.32	26.06	1.34	27.83	1.37	29.21	1.39
	40	22.27	1.25	23.66	1.30	25.04	1.34	26.04	1.36	27.81	1.38	29.19	1.41
	45	22.26	1.27	23.64	1.31	25.02	1.36	26.02	1.38	27.79	1.40	29.17	1.43
	50	22.24	1.28	23.62	1.33	25.00	1.38	26.00	1.39	27.77	1.42	29.15	1.45
	55	22.22	1.30	23.60	1.35	24.98	1.40	25.98	1.41	27.74	1.44	29.12	1.47
	60	22.21	1.32	23.59	1.36	24.96	1.41	25.96	1.43	27.72	1.46	29.10	1.49
	65	22.19	1.33	23.57	1.38	24.95	1.43	25.94	1.45	27.70	1.48	29.08	1.51
	70	22.17	1.35	23.55	1.40	24.93	1.45	25.92	1.47	27.68	1.50	29.06	1.53
	75	21.64	1.42	23.01	1.48	24.39	1.53	25.38	1.55	27.13	1.58	28.51	1.61
	80	21.11	1.50	22.48	1.55	23.85	1.61	24.84	1.63	26.59	1.66	27.96	1.69
	85	20.58	1.57	21.94	1.63	23.31	1.69	24.30	1.71	26.04	1.74	27.41	1.77
	90	20.05	1.64	21.41	1.70	22.77	1.76	23.76	1.78	25.50	1.82	26.86	1.85
	95	19.47	1.71	20.83	1.78	22.19	1.84	22.81	1.86	24.90	1.90	26.26	1.94
	100	19.24	1.79	20.62	1.85	22.00	1.92	22.71	1.94	24.75	1.98	26.12	2.02
	105	19.02	1.86	20.41	1.93	21.81	2.00	22.61	2.02	24.60	2.06	25.99	2.10
	110	18.79	1.93	20.20	2.00	21.61	2.08	22.51	2.10	24.44	2.14	25.86	2.18
21	115	18.56	2.01	19.99	2.08	21.42	2.16	22.41	2.18	24.29	2.22	25.72	2.27
	118	18.42	2.05	19.86	2.12	21.31	2.20	22.35	2.23	24.20	2.27	25.64	2.31
	122	18.37	2.11	19.82	2.19	21.27	2.26	22.33	2.29	24.17	2.33	25.62	2.38
	-4	23.46	1.16	24.92	1.20	26.38	1.24	27.43	1.26	29.29	1.28	30.75	1.31
	0	23.45	1.17	24.91	1.21	26.36	1.26	27.41	1.27	29.27	1.29	30.73	1.32
	5	23.43	1.19	24.88	1.23	26.34	1.28	27.39	1.29	29.25	1.32	30.71	1.34
	10	23.41	1.21	24.87	1.25	26.32	1.30	27.37	1.31	29.23	1.33	30.68	1.36
	14	23.39	1.22	24.85	1.27	26.30	1.31	27.35	1.33	29.21	1.35	30.66	1.38
	20	23.38	1.24	24.83	1.29	26.28	1.33	27.33	1.35	29.18	1.37	30.64	1.40
	25	23.36	1.26	24.81	1.30	26.26	1.35	27.31	1.37	29.16	1.39	30.61	1.42
	30	23.34	1.28	24.79	1.32	26.24	1.37	27.29	1.39	29.14	1.41	30.59	1.44
	35	23.32	1.29	24.77	1.34	26.22	1.39	27.27	1.41	29.12	1.43	30.56	1.46
	40	23.30	1.31	24.75	1.36	26.20	1.41	27.24	1.42	29.09	1.45	30.54	1.48
	45	23.29	1.33	24.73	1.38	26.18	1.43	27.22	1.44	29.07	1.47	30.52	1.50
	50	23.27	1.35	24.71	1.40	26.16	1.45	27.20	1.46	29.05	1.49	30.49	1.52
	55	23.25	1.36	24.70	1.41	26.14	1.47	27.18	1.48	29.03	1.51	30.47	1.54
	60	23.23	1.38	24.68	1.43	26.12	1.48	27.16	1.50	29.01	1.53	30.45	1.56
	65	23.22	1.40	24.66	1.45	26.10	1.50	27.14	1.52	28.98	1.55	30.42	1.58
	70	23.20	1.42	24.64	1.47	26.08	1.52	27.12	1.54	28.96	1.57	30.40	1.60
	75	22.64	1.49	24.08	1.55	25.51	1.60	26.55	1.62	28.39	1.65	29.83	1.69
	80	22.08	1.57	23.51	1.63	24.95	1.69	25.98	1.71	27.82	1.74	29.25	1.77
	85	21.53	1.65	22.96	1.71	24.39	1.77	25.42	1.79	27.25	1.82	28.68	1.86
	90	20.97	1.72	22.40	1.78	23.83	1.85	24.86	1.87	26.68	1.91	28.11	1.94
	95	20.37	1.80	21.79	1.86	23.21	1.93	23.86	1.95	26.05	1.99	27.47	2.03
	100	20.13	1.87	21.57	1.94	23.01	2.01	23.76	2.04	25.89	2.08	27.33	2.12
	105	19.89	1.95	21.35	2.02	22.81	2.10	23.66	2.12	25.73	2.16	27.19	2.20
	110	19.65	2.03	21.13	2.10	22.61	2.18	23.55	2.20	25.57	2.24	27.05	2.29
	115	19.41	2.10	20.92	2.18	22.41	2.26	23.45	2.29	25.42	2.33	26.91	2.38
	118	19.27	2.15	20.78	2.23	22.29	2.31	23.39	2.34	25.32	2.38	26.83	2.43
	122	19.22	2.21	20.74	2.29	22.25	2.38	23.37	2.40	25.29	2.45	26.80	2.50

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 159: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
22	-4	24.50	1.21	26.02	1.25	27.54	1.30	28.64	1.32	30.58	1.34	32.11	1.37
	0	24.49	1.22	26.01	1.27	27.53	1.31	28.63	1.33	30.57	1.35	32.09	1.38
	5	24.47	1.24	25.98	1.29	27.50	1.34	28.60	1.35	30.54	1.38	32.06	1.40
	10	24.45	1.26	25.96	1.31	27.48	1.36	28.58	1.37	30.52	1.40	32.04	1.43
	14	24.43	1.28	25.95	1.33	27.46	1.38	28.56	1.39	30.50	1.42	32.01	1.45
	20	24.41	1.30	25.93	1.35	27.44	1.40	28.54	1.41	30.47	1.44	31.99	1.47
	25	24.39	1.32	25.91	1.37	27.42	1.42	28.51	1.43	30.45	1.46	31.96	1.49
	30	24.37	1.34	25.89	1.38	27.40	1.43	28.49	1.45	30.43	1.48	31.94	1.51
	35	24.35	1.35	25.87	1.40	27.38	1.45	28.47	1.47	30.40	1.50	31.92	1.53
	40	24.33	1.37	25.85	1.42	27.36	1.47	28.45	1.49	30.38	1.52	31.89	1.55
	45	24.32	1.39	25.83	1.44	27.34	1.49	28.43	1.51	30.36	1.54	31.87	1.57
	50	24.30	1.41	25.81	1.46	27.32	1.51	28.41	1.53	30.33	1.56	31.84	1.59
	55	24.28	1.43	25.79	1.48	27.29	1.53	28.38	1.55	30.31	1.58	31.82	1.61
	60	24.26	1.45	25.77	1.50	27.27	1.55	28.36	1.57	30.29	1.60	31.79	1.63
	65	24.24	1.46	25.75	1.52	27.25	1.57	28.34	1.59	30.26	1.62	31.77	1.65
	70	24.22	1.48	25.73	1.54	27.23	1.59	28.32	1.61	30.24	1.64	31.74	1.67
	75	23.64	1.56	25.14	1.62	26.64	1.68	27.73	1.70	29.64	1.73	31.14	1.76
	80	23.06	1.64	24.55	1.70	26.05	1.76	27.13	1.79	29.05	1.82	30.54	1.86
	85	22.48	1.72	23.97	1.79	25.47	1.85	26.54	1.87	28.45	1.91	29.95	1.95
	90	21.90	1.80	23.39	1.87	24.88	1.94	25.96	1.96	27.86	2.00	29.35	2.04
	95	21.27	1.88	22.76	1.95	24.24	2.02	24.92	2.05	27.20	2.08	28.69	2.13
	100	21.02	1.96	22.53	2.03	24.03	2.11	24.81	2.13	27.04	2.17	28.54	2.22
	105	20.77	2.04	22.30	2.12	23.82	2.19	24.70	2.22	26.87	2.26	28.39	2.31
	110	20.52	2.12	22.07	2.20	23.61	2.28	24.59	2.31	26.70	2.35	28.25	2.40
	115	20.27	2.20	21.84	2.28	23.40	2.37	24.49	2.39	26.54	2.44	28.10	2.49
	118	20.12	2.25	21.70	2.33	23.28	2.42	24.42	2.45	26.44	2.49	28.02	2.54
	122	20.07	2.31	21.66	2.40	23.24	2.49	24.40	2.52	26.41	2.56	27.99	2.61
23	-4	25.54	1.26	27.12	1.31	28.71	1.36	29.85	1.37	31.88	1.40	33.47	1.43
	0	25.52	1.28	27.11	1.33	28.69	1.37	29.84	1.39	31.86	1.42	33.45	1.44
	5	25.50	1.30	27.08	1.35	28.67	1.40	29.81	1.41	31.84	1.44	33.42	1.47
	10	25.48	1.32	27.06	1.37	28.65	1.42	29.79	1.43	31.81	1.46	33.39	1.49
	14	25.46	1.34	27.04	1.39	28.62	1.44	29.77	1.45	31.79	1.48	33.37	1.51
	20	25.44	1.36	27.02	1.41	28.60	1.46	29.74	1.47	31.76	1.50	33.34	1.53
	25	25.42	1.38	27.00	1.43	28.58	1.48	29.72	1.50	31.74	1.52	33.32	1.55
	30	25.40	1.40	26.98	1.45	28.56	1.50	29.70	1.52	31.71	1.54	33.29	1.58
	35	25.38	1.41	26.96	1.47	28.54	1.52	29.68	1.54	31.69	1.57	33.27	1.60
	40	25.36	1.43	26.94	1.49	28.52	1.54	29.65	1.56	31.67	1.59	33.24	1.62
	45	25.35	1.45	26.92	1.51	28.49	1.56	29.63	1.58	31.64	1.61	33.22	1.64
	50	25.33	1.47	26.90	1.53	28.47	1.58	29.61	1.60	31.62	1.63	33.19	1.66
	55	25.31	1.49	26.88	1.55	28.45	1.60	29.59	1.62	31.59	1.65	33.16	1.68
	60	25.29	1.51	26.86	1.57	28.43	1.62	29.56	1.64	31.57	1.67	33.14	1.71
	65	25.27	1.53	26.84	1.59	28.41	1.64	29.54	1.66	31.54	1.69	33.11	1.73
	70	25.25	1.55	26.82	1.61	28.38	1.66	29.52	1.68	31.52	1.72	33.09	1.75
	75	24.64	1.63	26.21	1.69	27.77	1.75	28.90	1.77	30.90	1.81	32.46	1.84
	80	24.03	1.72	25.59	1.78	27.15	1.84	28.28	1.87	30.27	1.90	31.83	1.94
	85	23.43	1.80	24.99	1.87	26.54	1.93	27.67	1.96	29.66	1.99	31.21	2.03
	90	22.83	1.88	24.38	1.95	25.93	2.02	27.06	2.05	29.04	2.09	30.59	2.13
	95	22.18	1.97	23.72	2.04	25.27	2.11	25.97	2.14	28.35	2.18	29.90	2.22
	100	21.91	2.05	23.48	2.13	25.05	2.20	25.86	2.23	28.18	2.27	29.75	2.32
	105	21.65	2.13	23.24	2.21	24.83	2.29	25.75	2.32	28.01	2.36	29.60	2.41
	110	21.39	2.22	23.00	2.30	24.61	2.38	25.64	2.41	27.84	2.46	29.44	2.50
	115	21.13	2.30	22.76	2.39	24.40	2.47	25.52	2.50	27.66	2.55	29.29	2.60
	118	20.97	2.35	22.62	2.44	24.26	2.53	25.45	2.56	27.56	2.60	29.20	2.66
	122	20.92	2.42	22.57	2.51	24.22	2.60	25.43	2.63	27.52	2.68	29.17	2.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 160: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-4	26.57	1.32	28.22	1.37	29.87	1.42	31.07	1.43	33.17	1.46	34.82	1.49
	0	26.56	1.33	28.21	1.38	29.86	1.43	31.05	1.45	33.16	1.48	34.81	1.51
	5	26.54	1.36	28.18	1.41	29.83	1.46	31.02	1.47	33.13	1.50	34.78	1.53
	10	26.52	1.38	28.16	1.43	29.81	1.48	31.00	1.49	33.10	1.52	34.75	1.55
	14	26.50	1.40	28.14	1.45	29.79	1.50	30.98	1.52	33.08	1.55	34.72	1.58
	20	26.48	1.42	28.12	1.47	29.76	1.52	30.95	1.54	33.05	1.57	34.70	1.60
	25	26.46	1.44	28.10	1.49	29.74	1.54	30.93	1.56	33.03	1.59	34.67	1.62
	30	26.44	1.46	28.08	1.51	29.72	1.56	30.90	1.58	33.00	1.61	34.64	1.64
	35	26.42	1.48	28.06	1.53	29.70	1.59	30.88	1.60	32.98	1.63	34.62	1.67
	40	26.39	1.50	28.03	1.55	29.67	1.61	30.86	1.63	32.95	1.66	34.59	1.69
	45	26.37	1.52	28.01	1.57	29.65	1.63	30.83	1.65	32.93	1.68	34.56	1.71
	50	26.35	1.54	27.99	1.59	29.63	1.65	30.81	1.67	32.90	1.70	34.54	1.73
	55	26.33	1.56	27.97	1.61	29.61	1.67	30.79	1.69	32.88	1.72	34.51	1.76
	60	26.31	1.58	27.95	1.63	29.58	1.69	30.76	1.71	32.85	1.74	34.49	1.78
	65	26.29	1.60	27.93	1.65	29.56	1.71	30.74	1.73	32.83	1.77	34.46	1.80
	70	26.27	1.62	27.91	1.68	29.54	1.74	30.72	1.76	32.80	1.79	34.43	1.83
	75	25.64	1.70	27.27	1.77	28.90	1.83	30.07	1.85	32.15	1.89	33.78	1.92
	80	25.01	1.79	26.63	1.86	28.26	1.92	29.43	1.95	31.50	1.98	33.13	2.02
	85	24.38	1.88	26.00	1.95	27.62	2.02	28.79	2.04	30.86	2.08	32.48	2.12
	90	23.76	1.97	25.37	2.04	26.99	2.11	28.15	2.14	30.22	2.18	31.83	2.22
	95	23.08	2.05	24.68	2.13	26.29	2.20	27.03	2.23	29.51	2.27	31.11	2.32
	100	22.80	2.14	24.43	2.22	26.06	2.30	26.91	2.32	29.33	2.37	30.96	2.42
	105	22.53	2.23	24.19	2.31	25.84	2.39	26.79	2.42	29.15	2.47	30.80	2.51
	110	22.26	2.31	23.94	2.40	25.61	2.49	26.68	2.51	28.97	2.56	30.64	2.61
	115	21.99	2.40	23.69	2.49	25.39	2.58	26.56	2.61	28.79	2.66	30.48	2.71
	118	21.83	2.45	23.54	2.54	25.25	2.64	26.49	2.67	28.68	2.72	30.39	2.77
	122	21.77	2.52	23.49	2.62	25.20	2.71	26.46	2.74	28.64	2.79	30.36	2.85
25	-4	27.61	1.37	29.32	1.42	31.04	1.48	32.28	1.49	34.47	1.52	36.18	1.55
	0	27.59	1.39	29.31	1.44	31.02	1.49	32.26	1.51	34.45	1.54	36.16	1.57
	5	27.57	1.41	29.28	1.46	31.00	1.52	32.23	1.53	34.42	1.56	36.13	1.59
	10	27.55	1.43	29.26	1.49	30.97	1.54	32.21	1.56	34.40	1.59	36.11	1.62
	14	27.53	1.45	29.24	1.51	30.95	1.56	32.18	1.58	34.37	1.61	36.08	1.64
	20	27.51	1.47	29.22	1.53	30.93	1.58	32.16	1.60	34.34	1.63	36.05	1.67
	25	27.49	1.50	29.20	1.55	30.90	1.61	32.14	1.63	34.32	1.66	36.02	1.69
	30	27.47	1.52	29.17	1.57	30.88	1.63	32.11	1.65	34.29	1.68	36.00	1.71
	35	27.45	1.54	29.15	1.59	30.86	1.65	32.09	1.67	34.26	1.70	35.97	1.74
	40	27.43	1.56	29.13	1.62	30.83	1.67	32.06	1.69	34.24	1.73	35.94	1.76
	45	27.40	1.58	29.11	1.64	30.81	1.70	32.04	1.72	34.21	1.75	35.91	1.78
	50	27.38	1.60	29.08	1.66	30.78	1.72	32.01	1.74	34.19	1.77	35.89	1.81
	55	27.36	1.62	29.06	1.68	30.76	1.74	31.99	1.76	34.16	1.79	35.86	1.83
	60	27.34	1.64	29.04	1.70	30.74	1.76	31.96	1.78	34.13	1.82	35.83	1.85
	65	27.32	1.66	29.02	1.72	30.71	1.79	31.94	1.81	34.11	1.84	35.80	1.88
	70	27.30	1.68	28.99	1.75	30.69	1.81	31.91	1.83	34.08	1.86	35.78	1.90
	75	26.64	1.77	28.33	1.84	30.02	1.91	31.25	1.93	33.41	1.96	35.10	2.00
	80	25.99	1.87	27.67	1.93	29.36	2.00	30.58	2.03	32.73	2.06	34.42	2.11
	85	25.33	1.96	27.02	2.03	28.70	2.10	29.92	2.13	32.07	2.17	33.75	2.21
	90	24.68	2.05	26.36	2.12	28.04	2.20	29.25	2.22	31.40	2.27	33.08	2.31
	95	23.98	2.14	25.65	2.22	27.32	2.30	28.08	2.32	30.66	2.37	32.33	2.41
	100	23.69	2.23	25.39	2.31	27.08	2.39	27.96	2.42	30.47	2.47	32.16	2.52
	105	23.41	2.32	25.13	2.40	26.85	2.49	27.84	2.52	30.28	2.57	32.00	2.62
	110	23.13	2.41	24.87	2.50	26.61	2.59	27.72	2.62	30.10	2.67	31.84	2.72
	115	22.85	2.50	24.61	2.59	26.38	2.69	27.59	2.72	29.91	2.77	31.67	2.82
	118	22.68	2.56	24.46	2.65	26.24	2.75	27.52	2.78	29.80	2.83	31.57	2.89
	122	22.62	2.63	24.41	2.72	26.19	2.82	27.50	2.86	29.76	2.91	31.54	2.97

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 161: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
26	-4	28.65	1.43	30.43	1.48	32.20	1.54	33.49	1.55	35.76	1.58	37.54	1.61
	0	28.63	1.45	30.41	1.50	32.19	1.55	33.47	1.57	35.74	1.60	37.52	1.63
	5	28.61	1.47	30.38	1.52	32.16	1.58	33.44	1.60	35.71	1.63	37.49	1.66
	10	28.59	1.49	30.36	1.54	32.14	1.60	33.42	1.62	35.69	1.65	37.46	1.68
	14	28.56	1.51	30.34	1.57	32.11	1.62	33.39	1.64	35.66	1.67	37.43	1.71
	20	28.54	1.53	30.31	1.59	32.09	1.65	33.37	1.67	35.63	1.70	37.41	1.73
	25	28.52	1.56	30.29	1.61	32.06	1.67	33.34	1.69	35.61	1.72	37.38	1.76
	30	28.50	1.58	30.27	1.63	32.04	1.69	33.32	1.71	35.58	1.75	37.35	1.78
	35	28.48	1.60	30.25	1.66	32.01	1.72	33.29	1.74	35.55	1.77	37.32	1.81
	40	28.46	1.62	30.22	1.68	31.99	1.74	33.27	1.76	35.52	1.79	37.29	1.83
	45	28.43	1.64	30.20	1.70	31.96	1.76	33.24	1.79	35.50	1.82	37.26	1.86
	50	28.41	1.66	30.18	1.73	31.94	1.79	33.21	1.81	35.47	1.84	37.23	1.88
	55	28.39	1.69	30.15	1.75	31.92	1.81	33.19	1.83	35.44	1.87	37.21	1.90
	60	28.37	1.71	30.13	1.77	31.89	1.83	33.16	1.86	35.42	1.89	37.18	1.93
	65	28.35	1.73	30.11	1.79	31.87	1.86	33.14	1.88	35.39	1.91	37.15	1.95
	70	28.32	1.75	30.08	1.82	31.84	1.88	33.11	1.90	35.36	1.94	37.12	1.98
	75	27.64	1.85	29.40	1.91	31.15	1.98	32.42	2.01	34.66	2.04	36.42	2.08
	80	26.96	1.94	28.71	2.01	30.46	2.08	31.73	2.11	33.96	2.15	35.71	2.19
	85	26.29	2.03	28.03	2.11	29.78	2.19	31.04	2.21	33.27	2.25	35.02	2.30
	90	25.61	2.13	27.35	2.21	29.09	2.29	30.35	2.31	32.58	2.36	34.32	2.40
	95	24.88	2.22	26.61	2.30	28.34	2.39	29.14	2.42	31.81	2.46	33.54	2.51
	100	24.58	2.32	26.34	2.40	28.10	2.49	29.01	2.52	31.61	2.57	33.37	2.62
	105	24.29	2.41	26.07	2.50	27.86	2.59	28.88	2.62	31.42	2.67	33.20	2.72
	110	24.00	2.51	25.81	2.60	27.61	2.69	28.76	2.72	31.23	2.78	33.03	2.83
	115	23.70	2.60	25.54	2.70	27.37	2.79	28.63	2.83	31.03	2.88	32.86	2.94
	118	23.53	2.66	25.38	2.76	27.22	2.86	28.56	2.89	30.92	2.94	32.76	3.00
	122	23.47	2.73	25.32	2.83	27.17	2.94	28.53	2.97	30.88	3.03	32.73	3.09
27	-4	29.68	1.49	31.53	1.54	33.37	1.60	34.70	1.61	37.06	1.64	38.90	1.68
	0	29.67	1.50	31.51	1.56	33.35	1.61	34.68	1.63	37.04	1.66	38.88	1.70
	5	29.64	1.53	31.48	1.58	33.33	1.64	34.65	1.66	37.01	1.69	38.85	1.72
	10	29.62	1.55	31.46	1.60	33.30	1.66	34.63	1.68	36.98	1.71	38.82	1.75
	14	29.60	1.57	31.44	1.63	33.27	1.69	34.60	1.71	36.95	1.74	38.79	1.77
	20	29.58	1.59	31.41	1.65	33.25	1.71	34.58	1.73	36.92	1.76	38.76	1.80
	25	29.55	1.62	31.39	1.68	33.22	1.74	34.55	1.76	36.89	1.79	38.73	1.83
	30	29.53	1.64	31.36	1.70	33.20	1.76	34.52	1.78	36.87	1.81	38.70	1.85
	35	29.51	1.66	31.34	1.72	33.17	1.78	34.50	1.81	36.84	1.84	38.67	1.88
	40	29.49	1.68	31.32	1.75	33.15	1.81	34.47	1.83	36.81	1.86	38.64	1.90
	45	29.46	1.71	31.29	1.77	33.12	1.83	34.44	1.85	36.78	1.89	38.61	1.93
	50	29.44	1.73	31.27	1.79	33.10	1.86	34.42	1.88	36.75	1.91	38.58	1.95
	55	29.42	1.75	31.24	1.82	33.07	1.88	34.39	1.90	36.73	1.94	38.55	1.98
	60	29.39	1.77	31.22	1.84	33.05	1.91	34.36	1.93	36.70	1.96	38.52	2.00
	65	29.37	1.80	31.20	1.86	33.02	1.93	34.34	1.95	36.67	1.99	38.49	2.03
	70	29.35	1.82	31.17	1.89	33.00	1.95	34.31	1.98	36.64	2.01	38.46	2.05
	75	28.64	1.92	30.46	1.99	32.28	2.06	33.59	2.08	35.92	2.12	37.73	2.17
	80	27.94	2.02	29.75	2.09	31.56	2.17	32.87	2.19	35.19	2.23	37.01	2.28
	85	27.24	2.11	29.05	2.19	30.86	2.27	32.16	2.30	34.47	2.34	36.28	2.39
	90	26.54	2.21	28.34	2.29	30.15	2.38	31.45	2.40	33.76	2.45	35.56	2.50
	95	25.78	2.31	27.57	2.39	29.37	2.48	30.19	2.51	32.96	2.56	34.76	2.61
	100	25.47	2.41	27.30	2.50	29.12	2.59	30.06	2.62	32.76	2.67	34.58	2.72
	105	25.17	2.51	27.02	2.60	28.86	2.69	29.93	2.72	32.56	2.77	34.40	2.83
	110	24.87	2.60	26.74	2.70	28.61	2.80	29.80	2.83	32.36	2.88	34.23	2.94
	115	24.56	2.70	26.46	2.80	28.36	2.90	29.67	2.94	32.16	2.99	34.05	3.05
	118	24.38	2.76	26.29	2.86	28.21	2.97	29.59	3.00	32.03	3.06	33.95	3.12
	122	24.32	2.84	26.24	2.94	28.16	3.05	29.56	3.09	31.99	3.14	33.91	3.21

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 162: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
28	-4	30.72	1.54	32.63	1.60	34.54	1.66	35.91	1.67	38.35	1.71	40.26	1.74
	0	30.70	1.56	32.61	1.61	34.52	1.67	35.89	1.69	38.33	1.72	40.24	1.76
	5	30.68	1.58	32.58	1.64	34.49	1.70	35.87	1.72	38.30	1.75	40.21	1.79
	10	30.66	1.61	32.56	1.67	34.46	1.73	35.84	1.75	38.27	1.78	40.17	1.81
	14	30.63	1.63	32.53	1.69	34.44	1.75	35.81	1.77	38.24	1.80	40.14	1.84
	20	30.61	1.65	32.51	1.71	34.41	1.78	35.78	1.80	38.21	1.83	40.11	1.87
	25	30.59	1.68	32.48	1.74	34.38	1.80	35.76	1.82	38.18	1.86	40.08	1.89
	30	30.56	1.70	32.46	1.76	34.36	1.83	35.73	1.85	38.15	1.88	40.05	1.92
	35	30.54	1.72	32.44	1.79	34.33	1.85	35.70	1.87	38.12	1.91	40.02	1.95
	40	30.52	1.75	32.41	1.81	34.31	1.88	35.67	1.90	38.10	1.93	39.99	1.97
	45	30.49	1.77	32.39	1.84	34.28	1.90	35.65	1.92	38.07	1.96	39.96	2.00
	50	30.47	1.79	32.36	1.86	34.25	1.93	35.62	1.95	38.04	1.99	39.93	2.03
	55	30.45	1.82	32.34	1.88	34.23	1.95	35.59	1.97	38.01	2.01	39.90	2.05
	60	30.42	1.84	32.31	1.91	34.20	1.98	35.56	2.00	37.98	2.04	39.87	2.08
	65	30.40	1.86	32.29	1.93	34.17	2.00	35.54	2.03	37.95	2.06	39.84	2.11
	70	30.37	1.89	32.26	1.96	34.15	2.03	35.51	2.05	37.92	2.09	39.81	2.13
	75	29.64	1.99	31.53	2.06	33.41	2.14	34.77	2.16	37.17	2.20	39.05	2.25
	80	28.91	2.09	30.79	2.17	32.67	2.25	34.02	2.27	36.42	2.32	38.30	2.36
	85	28.19	2.19	30.06	2.27	31.93	2.36	33.29	2.38	35.68	2.43	37.55	2.48
	90	27.46	2.29	29.33	2.38	31.20	2.47	32.55	2.49	34.94	2.54	36.80	2.59
	95	26.68	2.40	28.54	2.48	30.39	2.57	31.25	2.60	34.11	2.65	35.97	2.71
	100	26.36	2.50	28.25	2.59	30.13	2.68	31.11	2.72	33.90	2.77	35.79	2.82
29	105	26.05	2.60	27.96	2.70	29.87	2.79	30.98	2.83	33.70	2.88	35.61	2.94
	110	25.74	2.70	27.67	2.80	29.61	2.90	30.84	2.94	33.49	2.99	35.42	3.05
	115	25.42	2.80	27.39	2.91	29.35	3.01	30.70	3.05	33.28	3.10	35.24	3.17
	118	25.23	2.87	27.21	2.97	29.19	3.08	30.62	3.11	33.15	3.17	35.13	3.24
	122	25.17	2.95	27.16	3.05	29.14	3.17	30.60	3.20	33.11	3.26	35.10	3.33
	-4	31.76	1.60	33.73	1.66	35.70	1.72	37.13	1.74	39.65	1.77	41.62	1.80
	0	31.74	1.61	33.71	1.67	35.68	1.73	37.11	1.75	39.63	1.79	41.60	1.82
	5	31.71	1.64	33.68	1.70	35.65	1.76	37.08	1.78	39.59	1.82	41.56	1.85
	10	31.69	1.66	33.66	1.73	35.63	1.79	37.05	1.81	39.56	1.84	41.53	1.88
	14	31.67	1.69	33.63	1.75	35.60	1.81	37.02	1.84	39.53	1.87	41.50	1.91
	20	31.64	1.71	33.61	1.78	35.57	1.84	36.99	1.86	39.50	1.90	41.47	1.94
	25	31.62	1.74	33.58	1.80	35.54	1.87	36.96	1.89	39.47	1.92	41.44	1.96
	30	31.59	1.76	33.56	1.83	35.52	1.89	36.93	1.91	39.44	1.95	41.40	1.99
	35	31.57	1.79	33.53	1.85	35.49	1.92	36.91	1.94	39.41	1.98	41.37	2.02
	40	31.55	1.81	33.50	1.88	35.46	1.95	36.88	1.97	39.38	2.00	41.34	2.04
	45	31.52	1.83	33.48	1.90	35.44	1.97	36.85	1.99	39.35	2.03	41.31	2.07
	50	31.50	1.86	33.45	1.93	35.41	2.00	36.82	2.02	39.32	2.06	41.28	2.10
	55	31.47	1.88	33.43	1.95	35.38	2.02	36.79	2.05	39.29	2.09	41.25	2.13
	60	31.45	1.91	33.40	1.98	35.35	2.05	36.77	2.07	39.26	2.11	41.21	2.15
	65	31.42	1.93	33.38	2.00	35.33	2.08	36.74	2.10	39.23	2.14	41.18	2.18
	70	31.40	1.96	33.35	2.03	35.30	2.10	36.71	2.13	39.20	2.17	41.15	2.21
	75	30.64	2.06	32.59	2.14	34.54	2.21	35.94	2.24	38.43	2.28	40.37	2.33
	80	29.89	2.17	31.83	2.25	33.77	2.33	35.17	2.36	37.65	2.40	39.59	2.45
	85	29.14	2.27	31.08	2.36	33.01	2.44	34.41	2.47	36.88	2.52	38.82	2.57
	90	28.39	2.38	30.32	2.47	32.25	2.56	33.65	2.58	36.11	2.63	38.05	2.69
	95	27.58	2.48	29.50	2.57	31.42	2.67	32.30	2.70	35.26	2.75	37.18	2.81
	100	27.25	2.59	29.20	2.68	31.15	2.78	32.16	2.81	35.05	2.87	37.00	2.92
	105	26.93	2.69	28.91	2.79	30.88	2.90	32.02	2.93	34.83	2.98	36.81	3.04
	110	26.60	2.80	28.61	2.90	30.61	3.01	31.88	3.04	34.62	3.10	36.62	3.16
	115	26.28	2.91	28.31	3.01	30.34	3.12	31.74	3.16	34.40	3.22	36.43	3.28
	118	26.08	2.97	28.13	3.08	30.18	3.19	31.66	3.23	34.27	3.29	36.32	3.35
	122	26.02	3.05	28.07	3.17	30.12	3.28	31.63	3.32	34.23	3.38	36.28	3.45

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 163: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-4	32.79	1.65	34.83	1.71	36.87	1.78	38.34	1.80	40.94	1.83	42.98	1.87
	0	32.78	1.67	34.81	1.73	36.85	1.80	38.32	1.82	40.92	1.85	42.95	1.89
	5	32.75	1.70	34.78	1.76	36.82	1.82	38.29	1.85	40.89	1.88	42.92	1.92
	10	32.72	1.72	34.76	1.79	36.79	1.85	38.26	1.87	40.85	1.91	42.89	1.95
	14	32.70	1.75	34.73	1.81	36.76	1.88	38.23	1.90	40.82	1.94	42.85	1.98
	20	32.67	1.77	34.70	1.84	36.73	1.91	38.20	1.93	40.79	1.96	42.82	2.00
	25	32.65	1.80	34.68	1.86	36.71	1.93	38.17	1.96	40.76	1.99	42.79	2.03
	30	32.63	1.82	34.65	1.89	36.68	1.96	38.14	1.98	40.73	2.02	42.76	2.06
	35	32.60	1.85	34.62	1.92	36.65	1.99	38.11	2.01	40.70	2.05	42.72	2.09
	40	32.58	1.87	34.60	1.94	36.62	2.01	38.08	2.04	40.67	2.08	42.69	2.12
	45	32.55	1.90	34.57	1.97	36.59	2.04	38.05	2.06	40.64	2.10	42.66	2.15
	50	32.53	1.92	34.55	1.99	36.57	2.07	38.02	2.09	40.61	2.13	42.63	2.17
	55	32.50	1.95	34.52	2.02	36.54	2.09	37.99	2.12	40.57	2.16	42.59	2.20
	60	32.48	1.97	34.49	2.05	36.51	2.12	37.97	2.15	40.54	2.19	42.56	2.23
	65	32.45	2.00	34.47	2.07	36.48	2.15	37.94	2.17	40.51	2.21	42.53	2.26
	70	32.43	2.03	34.44	2.10	36.45	2.18	37.91	2.20	40.48	2.24	42.49	2.29
	75	31.65	2.13	33.65	2.21	35.66	2.29	37.11	2.32	39.68	2.36	41.69	2.41
	80	30.86	2.24	32.87	2.33	34.87	2.41	36.32	2.44	38.88	2.48	40.88	2.53
	85	30.09	2.35	32.09	2.44	34.09	2.53	35.53	2.56	38.09	2.60	40.09	2.66
	90	29.32	2.46	31.31	2.55	33.31	2.65	34.75	2.68	37.29	2.73	39.29	2.78
	95	28.48	2.57	30.46	2.67	32.45	2.76	33.36	2.79	36.41	2.85	38.40	2.90
	100	28.14	2.68	30.16	2.78	32.17	2.88	33.21	2.91	36.19	2.97	38.20	3.03
	105	27.81	2.79	29.85	2.89	31.89	3.00	33.07	3.03	35.97	3.09	38.01	3.15
	110	27.47	2.90	29.54	3.01	31.61	3.11	32.92	3.15	35.75	3.21	37.81	3.27
	115	27.14	3.01	29.23	3.12	31.33	3.23	32.78	3.27	35.53	3.33	37.62	3.40
	118	26.94	3.07	29.05	3.19	31.16	3.30	32.69	3.34	35.39	3.40	37.50	3.47
	122	26.87	3.16	28.99	3.28	31.11	3.40	32.66	3.44	35.35	3.50	37.46	3.57
31	-4	33.83	1.71	35.93	1.77	38.03	1.84	39.55	1.86	42.24	1.89	44.34	1.93
	0	33.81	1.73	35.91	1.79	38.01	1.86	39.53	1.88	42.21	1.91	44.31	1.95
	5	33.79	1.76	35.88	1.82	37.98	1.89	39.50	1.91	42.18	1.94	44.28	1.98
	10	33.76	1.78	35.86	1.85	37.95	1.92	39.47	1.94	42.15	1.97	44.24	2.01
	14	33.73	1.81	35.83	1.87	37.92	1.94	39.44	1.97	42.11	2.00	44.21	2.04
	20	33.71	1.83	35.80	1.90	37.90	1.97	39.41	1.99	42.08	2.03	44.18	2.07
	25	33.68	1.86	35.77	1.93	37.87	2.00	39.38	2.02	42.05	2.06	44.14	2.10
	30	33.66	1.89	35.75	1.96	37.84	2.03	39.35	2.05	42.02	2.09	44.11	2.13
	35	33.63	1.91	35.72	1.98	37.81	2.05	39.32	2.08	41.99	2.12	44.07	2.16
	40	33.61	1.94	35.69	2.01	37.78	2.08	39.29	2.11	41.95	2.15	44.04	2.19
	45	33.58	1.96	35.66	2.04	37.75	2.11	39.26	2.14	41.92	2.18	44.01	2.22
	50	33.55	1.99	35.64	2.06	37.72	2.14	39.23	2.16	41.89	2.20	43.97	2.25
	55	33.53	2.02	35.61	2.09	37.69	2.17	39.20	2.19	41.86	2.23	43.94	2.28
	60	33.50	2.04	35.58	2.12	37.66	2.19	39.17	2.22	41.82	2.26	43.91	2.31
	65	33.48	2.07	35.56	2.14	37.63	2.22	39.14	2.25	41.79	2.29	43.87	2.34
	70	33.45	2.09	35.53	2.17	37.61	2.25	39.11	2.28	41.76	2.32	43.84	2.37
	75	32.65	2.21	34.72	2.29	36.79	2.37	38.29	2.40	40.94	2.44	43.01	2.49
	80	31.84	2.32	33.91	2.41	35.98	2.49	37.47	2.52	40.11	2.57	42.18	2.62
	85	31.04	2.43	33.11	2.52	35.17	2.61	36.66	2.64	39.29	2.69	41.35	2.75
	90	30.25	2.55	32.30	2.64	34.36	2.74	35.84	2.77	38.47	2.82	40.53	2.88
	95	29.38	2.66	31.43	2.76	33.47	2.86	34.41	2.89	37.57	2.94	39.61	3.00
	100	29.03	2.77	31.11	2.87	33.18	2.98	34.26	3.01	37.34	3.07	39.41	3.13
	105	28.69	2.89	30.79	2.99	32.90	3.10	34.11	3.14	37.11	3.19	39.21	3.26
	110	28.34	3.00	30.48	3.11	32.61	3.22	33.96	3.26	36.88	3.32	39.01	3.39
	115	28.00	3.11	30.16	3.23	32.32	3.34	33.81	3.38	36.65	3.44	38.81	3.51
	118	27.79	3.18	29.97	3.30	32.15	3.42	33.72	3.46	36.51	3.52	38.69	3.59
	122	27.72	3.27	29.91	3.39	32.09	3.51	33.69	3.55	36.47	3.62	38.65	3.69

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 164: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
32	-4	34.87	1.77	37.03	1.83	39.20	1.90	40.76	1.92	43.53	1.96	45.70	2.00
	0	34.85	1.79	37.01	1.85	39.18	1.92	40.74	1.94	43.51	1.98	45.67	2.02
	5	34.82	1.82	36.98	1.88	39.15	1.95	40.71	1.97	43.47	2.01	45.63	2.05
	10	34.79	1.84	36.96	1.91	39.12	1.98	40.68	2.00	43.44	2.04	45.60	2.08
	14	34.77	1.87	36.93	1.94	39.09	2.01	40.65	2.03	43.40	2.07	45.56	2.11
	20	34.74	1.90	36.90	1.97	39.06	2.04	40.61	2.06	43.37	2.10	45.53	2.14
	25	34.71	1.92	36.87	1.99	39.03	2.07	40.58	2.09	43.34	2.13	45.49	2.17
	30	34.69	1.95	36.84	2.02	39.00	2.09	40.55	2.12	43.31	2.16	45.46	2.20
	35	34.66	1.98	36.81	2.05	38.97	2.12	40.52	2.15	43.27	2.19	45.43	2.23
	40	34.64	2.00	36.79	2.08	38.94	2.15	40.49	2.18	43.24	2.22	45.39	2.26
	45	34.61	2.03	36.76	2.10	38.91	2.18	40.46	2.21	43.21	2.25	45.36	2.29
	50	34.58	2.06	36.73	2.13	38.88	2.21	40.43	2.24	43.17	2.28	45.32	2.32
	55	34.56	2.08	36.70	2.16	38.85	2.24	40.40	2.26	43.14	2.31	45.29	2.35
	60	34.53	2.11	36.67	2.19	38.82	2.27	40.37	2.29	43.11	2.34	45.25	2.38
	65	34.50	2.14	36.65	2.22	38.79	2.30	40.34	2.32	43.07	2.37	45.22	2.41
	70	34.48	2.16	36.62	2.24	38.76	2.33	40.30	2.35	43.04	2.40	45.18	2.44
	75	33.65	2.28	35.78	2.36	37.92	2.45	39.46	2.48	42.19	2.53	44.33	2.58
	80	32.82	2.40	34.95	2.49	37.08	2.58	38.62	2.61	41.34	2.65	43.47	2.71
	85	31.99	2.51	34.12	2.61	36.25	2.70	37.78	2.73	40.50	2.78	42.62	2.84
	90	31.17	2.63	33.29	2.73	35.41	2.83	36.94	2.86	39.65	2.91	41.77	2.97
	95	30.28	2.75	32.39	2.85	34.50	2.95	35.47	2.99	38.72	3.04	40.83	3.10
	100	29.92	2.86	32.06	2.97	34.20	3.08	35.31	3.11	38.48	3.17	40.62	3.24
	105	29.57	2.98	31.74	3.09	33.90	3.20	35.16	3.24	38.24	3.30	40.41	3.37
	110	29.21	3.10	31.41	3.21	33.61	3.33	35.00	3.37	38.01	3.43	40.21	3.50
	115	28.85	3.22	31.08	3.33	33.31	3.45	34.85	3.49	37.77	3.56	40.00	3.63
	118	28.64	3.29	30.89	3.41	33.13	3.53	34.76	3.57	37.63	3.64	39.88	3.71
	122	28.57	3.38	30.82	3.50	33.07	3.63	34.73	3.67	37.58	3.74	39.83	3.82
33	-4	35.91	1.82	38.14	1.89	40.37	1.96	41.98	1.98	44.83	2.02	47.06	2.06
	0	35.89	1.84	38.11	1.91	40.34	1.98	41.95	2.00	44.80	2.04	47.03	2.08
	5	35.86	1.87	38.08	1.94	40.31	2.01	41.92	2.04	44.76	2.07	46.99	2.12
	10	35.83	1.90	38.05	1.97	40.28	2.04	41.89	2.07	44.73	2.11	46.95	2.15
	14	35.80	1.93	38.03	2.00	40.25	2.07	41.85	2.10	44.70	2.14	46.92	2.18
	20	35.77	1.96	38.00	2.03	40.22	2.10	41.82	2.13	44.66	2.17	46.88	2.21
	25	35.75	1.98	37.97	2.06	40.19	2.13	41.79	2.16	44.63	2.20	46.85	2.24
	30	35.72	2.01	37.94	2.09	40.16	2.16	41.76	2.19	44.59	2.23	46.81	2.27
	35	35.69	2.04	37.91	2.11	40.13	2.19	41.73	2.22	44.56	2.26	46.78	2.30
	40	35.67	2.07	37.88	2.14	40.10	2.22	41.69	2.25	44.53	2.29	46.74	2.34
	45	35.64	2.10	37.85	2.17	40.06	2.25	41.66	2.28	44.49	2.32	46.70	2.37
	50	35.61	2.12	37.82	2.20	40.03	2.28	41.63	2.31	44.46	2.35	46.67	2.40
	55	35.58	2.15	37.79	2.23	40.00	2.31	41.60	2.34	44.42	2.38	46.63	2.43
	60	35.56	2.18	37.76	2.26	39.97	2.34	41.57	2.37	44.39	2.41	46.60	2.46
	65	35.53	2.21	37.74	2.29	39.94	2.37	41.54	2.40	44.35	2.44	46.56	2.49
	70	35.50	2.23	37.71	2.32	39.91	2.40	41.50	2.43	44.32	2.47	46.53	2.52
	75	34.65	2.36	36.85	2.44	39.05	2.53	40.63	2.56	43.44	2.61	45.64	2.66
	80	33.79	2.48	35.99	2.57	38.18	2.66	39.77	2.69	42.57	2.74	44.76	2.80
	85	32.95	2.60	35.13	2.69	37.32	2.79	38.90	2.82	41.70	2.87	43.89	2.93
	90	32.10	2.72	34.28	2.82	36.47	2.92	38.04	2.95	40.83	3.01	43.01	3.07
	95	31.18	2.84	33.35	2.94	35.52	3.05	36.52	3.08	39.87	3.14	42.04	3.20
	100	30.81	2.96	33.02	3.07	35.22	3.18	36.36	3.21	39.63	3.27	41.83	3.34
	105	30.45	3.08	32.68	3.19	34.91	3.31	36.20	3.35	39.38	3.41	41.62	3.48
	110	30.08	3.20	32.34	3.32	34.61	3.44	36.05	3.48	39.14	3.54	41.40	3.61
	115	29.71	3.32	32.01	3.44	34.30	3.57	35.89	3.61	38.90	3.67	41.19	3.75
	118	29.49	3.39	31.81	3.52	34.12	3.64	35.79	3.69	38.75	3.75	41.06	3.83
	122	29.42	3.49	31.74	3.62	34.06	3.75	35.76	3.79	38.70	3.86	41.02	3.94

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F ^{WITH LGRED°}
MULTI F MAX

Table 165: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
34	-4	36.94	1.88	39.24	1.95	41.53	2.02	43.19	2.04	46.12	2.08	48.41	2.13
	0	36.92	1.90	39.22	1.97	41.51	2.04	43.16	2.07	46.09	2.11	48.39	2.15
	5	36.89	1.93	39.18	2.00	41.47	2.08	43.13	2.10	46.06	2.14	48.35	2.18
	10	36.86	1.96	39.15	2.03	41.44	2.11	43.10	2.13	46.02	2.17	48.31	2.22
	14	36.84	1.99	39.12	2.06	41.41	2.14	43.06	2.16	45.99	2.20	48.27	2.25
	20	36.81	2.02	39.09	2.09	41.38	2.17	43.03	2.19	45.95	2.24	48.24	2.28
	25	36.78	2.05	39.06	2.12	41.35	2.20	43.00	2.23	45.92	2.27	48.20	2.31
	30	36.75	2.08	39.03	2.15	41.32	2.23	42.96	2.26	45.88	2.30	48.16	2.34
	35	36.72	2.10	39.00	2.18	41.28	2.26	42.93	2.29	45.85	2.33	48.13	2.38
	40	36.70	2.13	38.97	2.21	41.25	2.29	42.90	2.32	45.81	2.36	48.09	2.41
	45	36.67	2.16	38.94	2.24	41.22	2.32	42.87	2.35	45.78	2.39	48.05	2.44
	50	36.64	2.19	38.91	2.27	41.19	2.35	42.83	2.38	45.74	2.43	48.02	2.47
	55	36.61	2.22	38.88	2.30	41.16	2.38	42.80	2.41	45.71	2.46	47.98	2.51
	60	36.58	2.25	38.85	2.33	41.13	2.41	42.77	2.44	45.67	2.49	47.94	2.54
	65	36.55	2.28	38.83	2.36	41.10	2.45	42.73	2.47	45.64	2.52	47.91	2.57
	70	36.53	2.30	38.80	2.39	41.06	2.48	42.70	2.50	45.60	2.55	47.87	2.60
	75	35.65	2.43	37.91	2.52	40.17	2.61	41.81	2.64	44.70	2.69	46.96	2.74
	80	34.77	2.55	37.03	2.65	39.28	2.74	40.91	2.78	43.80	2.83	46.06	2.88
	85	33.90	2.68	36.15	2.78	38.40	2.88	40.03	2.91	42.90	2.96	45.16	3.02
	90	33.03	2.80	35.27	2.90	37.52	3.01	39.14	3.05	42.01	3.10	44.26	3.16
	95	32.08	2.93	34.32	3.03	36.55	3.14	37.58	3.18	41.02	3.24	43.26	3.31
	100	31.70	3.05	33.97	3.16	36.24	3.28	37.41	3.32	40.77	3.38	43.04	3.45
	105	31.33	3.18	33.62	3.29	35.92	3.41	37.25	3.45	40.52	3.52	42.82	3.59
	110	30.95	3.30	33.28	3.42	35.61	3.55	37.09	3.59	40.27	3.65	42.60	3.73
	115	30.57	3.42	32.93	3.55	35.29	3.68	36.92	3.72	40.02	3.79	42.38	3.87
	118	30.34	3.50	32.73	3.63	35.10	3.76	36.82	3.80	39.87	3.87	42.25	3.95
	122	30.27	3.60	32.66	3.73	35.04	3.87	36.79	3.91	39.82	3.98	42.20	4.06
35	-4	37.98	1.94	40.34	2.01	42.70	2.08	44.40	2.11	47.41	2.15	49.77	2.19
	0	37.96	1.96	40.32	2.03	42.67	2.11	44.38	2.13	47.39	2.17	49.75	2.21
	5	37.93	1.99	40.28	2.07	42.64	2.14	44.34	2.17	47.35	2.21	49.70	2.25
	10	37.90	2.02	40.25	2.10	42.61	2.17	44.31	2.20	47.31	2.24	49.67	2.28
	14	37.87	2.05	40.22	2.13	42.57	2.20	44.27	2.23	47.28	2.27	49.63	2.32
	20	37.84	2.08	40.19	2.16	42.54	2.24	44.24	2.26	47.24	2.30	49.59	2.35
	25	37.81	2.11	40.16	2.19	42.51	2.27	44.20	2.29	47.21	2.34	49.55	2.38
	30	37.78	2.14	40.13	2.22	42.48	2.30	44.17	2.33	47.17	2.37	49.52	2.42
	35	37.75	2.17	40.10	2.25	42.44	2.33	44.14	2.36	47.13	2.40	49.48	2.45
	40	37.73	2.20	40.07	2.28	42.41	2.36	44.10	2.39	47.10	2.43	49.44	2.48
	45	37.70	2.23	40.04	2.31	42.38	2.39	44.07	2.42	47.06	2.47	49.40	2.52
	50	37.67	2.26	40.01	2.34	42.35	2.43	44.04	2.45	47.02	2.50	49.36	2.55
	55	37.64	2.29	39.98	2.37	42.31	2.46	44.00	2.49	46.99	2.53	49.33	2.58
	60	37.61	2.32	39.95	2.40	42.28	2.49	43.97	2.52	46.95	2.56	49.29	2.62
	65	37.58	2.35	39.91	2.43	42.25	2.52	43.93	2.55	46.92	2.60	49.25	2.65
	70	37.55	2.38	39.88	2.46	42.22	2.55	43.90	2.58	46.88	2.63	49.21	2.68
	75	36.65	2.50	38.97	2.60	41.30	2.69	42.98	2.72	45.95	2.77	48.28	2.83
	80	35.74	2.63	38.07	2.73	40.39	2.83	42.06	2.86	45.03	2.91	47.35	2.97
	85	34.85	2.76	37.16	2.86	39.48	2.97	41.15	3.00	44.11	3.06	46.42	3.12
	90	33.95	2.89	36.26	2.99	38.57	3.10	40.24	3.14	43.19	3.20	45.50	3.26
	95	32.98	3.02	35.28	3.13	37.58	3.24	38.63	3.28	42.17	3.34	44.47	3.41
	100	32.59	3.14	34.92	3.26	37.25	3.38	38.46	3.42	41.91	3.48	44.24	3.55
	105	32.20	3.27	34.57	3.39	36.93	3.52	38.30	3.56	41.66	3.62	44.02	3.70
	110	31.82	3.40	34.21	3.53	36.61	3.65	38.13	3.70	41.40	3.77	43.79	3.84
	115	31.43	3.53	33.86	3.66	36.28	3.79	37.96	3.84	41.14	3.91	43.57	3.99
	118	31.19	3.61	33.64	3.74	36.09	3.87	37.86	3.92	40.99	3.99	43.43	4.07
	122	31.12	3.71	33.57	3.84	36.02	3.98	37.82	4.03	40.94	4.11	43.39	4.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 166: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-4	39.02	2.00	41.44	2.07	43.86	2.15	45.61	2.17	48.71	2.21	51.13	2.26
	0	39.00	2.02	41.42	2.09	43.84	2.17	45.59	2.20	48.68	2.24	51.10	2.28
	5	38.96	2.05	41.38	2.13	43.80	2.21	45.55	2.23	48.64	2.27	51.06	2.32
	10	38.93	2.08	41.35	2.16	43.77	2.24	45.52	2.26	48.61	2.31	51.02	2.35
	14	38.90	2.11	41.32	2.19	43.74	2.27	45.48	2.30	48.57	2.34	50.98	2.39
	20	38.87	2.14	41.29	2.22	43.70	2.30	45.45	2.33	48.53	2.37	50.95	2.42
	25	38.84	2.17	41.26	2.25	43.67	2.34	45.41	2.36	48.49	2.41	50.91	2.46
	30	38.81	2.21	41.23	2.29	43.64	2.37	45.38	2.40	48.46	2.44	50.87	2.49
	35	38.79	2.24	41.19	2.32	43.60	2.40	45.34	2.43	48.42	2.47	50.83	2.52
	40	38.76	2.27	41.16	2.35	43.57	2.43	45.31	2.46	48.38	2.51	50.79	2.56
	45	38.73	2.30	41.13	2.38	43.54	2.47	45.27	2.50	48.35	2.54	50.75	2.59
	50	38.70	2.33	41.10	2.41	43.50	2.50	45.24	2.53	48.31	2.58	50.71	2.63
	55	38.67	2.36	41.07	2.44	43.47	2.53	45.20	2.56	48.27	2.61	50.67	2.66
	60	38.64	2.39	41.04	2.47	43.44	2.56	45.17	2.59	48.23	2.64	50.63	2.70
	65	38.61	2.42	41.00	2.51	43.40	2.60	45.13	2.63	48.20	2.68	50.60	2.73
	70	38.58	2.45	40.97	2.54	43.37	2.63	45.10	2.66	48.16	2.71	50.56	2.76
	75	37.65	2.58	40.04	2.67	42.43	2.77	44.15	2.80	47.21	2.86	49.60	2.91
	80	36.72	2.71	39.10	2.81	41.49	2.91	43.21	2.95	46.26	3.00	48.64	3.06
	85	35.80	2.84	38.18	2.95	40.56	3.06	42.27	3.09	45.31	3.15	47.69	3.21
	90	34.88	2.98	37.25	3.08	39.62	3.20	41.34	3.23	44.37	3.30	46.74	3.36
	95	33.88	3.11	36.24	3.22	38.60	3.34	39.69	3.38	43.32	3.44	45.68	3.51
	100	33.48	3.24	35.88	3.36	38.27	3.48	39.51	3.52	43.06	3.59	45.45	3.66
	105	33.08	3.37	35.51	3.50	37.94	3.62	39.34	3.67	42.79	3.73	45.22	3.81
	110	32.68	3.50	35.15	3.63	37.61	3.77	39.17	3.81	42.53	3.88	44.99	3.96
	115	32.29	3.64	34.78	3.77	37.27	3.91	39.00	3.95	42.27	4.03	44.76	4.11
	118	32.05	3.72	34.56	3.85	37.07	3.99	38.89	4.04	42.11	4.11	44.62	4.20
	122	31.97	3.82	34.49	3.96	37.01	4.11	38.86	4.15	42.05	4.23	44.57	4.32
37	-4	40.05	2.06	42.54	2.13	45.03	2.21	46.83	2.24	50.00	2.28	52.49	2.33
	0	40.03	2.08	42.52	2.16	45.00	2.24	46.80	2.26	49.98	2.30	52.46	2.35
	5	40.00	2.12	42.48	2.19	44.97	2.27	46.76	2.30	49.94	2.34	52.42	2.39
	10	39.97	2.15	42.45	2.23	44.93	2.31	46.73	2.33	49.90	2.38	52.38	2.42
	14	39.94	2.18	42.42	2.26	44.90	2.34	46.69	2.37	49.86	2.41	52.34	2.46
	20	39.91	2.21	42.39	2.29	44.86	2.37	46.65	2.40	49.82	2.45	52.30	2.50
	25	39.88	2.24	42.35	2.32	44.83	2.41	46.62	2.43	49.78	2.48	52.26	2.53
	30	39.85	2.27	42.32	2.35	44.80	2.44	46.58	2.47	49.74	2.52	52.22	2.57
	35	39.82	2.30	42.29	2.39	44.76	2.47	46.55	2.50	49.71	2.55	52.18	2.60
	40	39.79	2.33	42.26	2.42	44.73	2.51	46.51	2.54	49.67	2.58	52.14	2.64
	45	39.76	2.37	42.22	2.45	44.69	2.54	46.48	2.57	49.63	2.62	52.10	2.67
	50	39.72	2.40	42.19	2.48	44.66	2.58	46.44	2.60	49.59	2.65	52.06	2.71
	55	39.69	2.43	42.16	2.52	44.62	2.61	46.40	2.64	49.55	2.69	52.02	2.74
	60	39.66	2.46	42.13	2.55	44.59	2.64	46.37	2.67	49.52	2.72	51.98	2.78
	65	39.63	2.49	42.09	2.58	44.56	2.68	46.33	2.71	49.48	2.76	51.94	2.81
	70	39.60	2.52	42.06	2.61	44.52	2.71	46.30	2.74	49.44	2.79	51.90	2.85
	75	38.65	2.66	41.10	2.76	43.56	2.86	45.33	2.89	48.46	2.94	50.92	3.00
	80	37.70	2.79	40.14	2.90	42.59	3.00	44.36	3.04	47.49	3.09	49.93	3.16
	85	36.75	2.93	39.19	3.04	41.63	3.15	43.40	3.18	46.52	3.24	48.96	3.31
	90	35.81	3.07	38.24	3.18	40.68	3.29	42.44	3.33	45.55	3.39	47.98	3.46
	95	34.78	3.20	37.21	3.32	39.63	3.44	40.74	3.48	44.48	3.55	46.90	3.62
	100	34.37	3.34	36.83	3.46	39.29	3.59	40.56	3.63	44.20	3.70	46.66	3.77
	105	33.96	3.47	36.46	3.60	38.95	3.73	40.39	3.78	43.93	3.85	46.42	3.92
	110	33.55	3.61	36.08	3.74	38.61	3.88	40.21	3.92	43.66	4.00	46.18	4.08
	115	33.14	3.75	35.71	3.88	38.26	4.03	40.03	4.07	43.39	4.15	45.95	4.23
	118	32.90	3.83	35.48	3.97	38.06	4.11	39.93	4.16	43.23	4.24	45.80	4.32
	122	32.82	3.94	35.41	4.08	37.99	4.23	39.89	4.28	43.17	4.36	45.76	4.45

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 167: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
38	-4	41.09	2.12	43.64	2.20	46.19	2.28	48.04	2.30	51.30	2.35	53.85	2.40
	0	41.07	2.14	43.62	2.22	46.17	2.30	48.01	2.33	51.27	2.37	53.82	2.42
	5	41.03	2.18	43.58	2.26	46.13	2.34	47.97	2.37	51.23	2.41	53.78	2.46
	10	41.00	2.21	43.55	2.29	46.10	2.38	47.94	2.40	51.19	2.45	53.74	2.50
	14	40.97	2.24	43.52	2.33	46.06	2.41	47.90	2.44	51.15	2.48	53.69	2.53
	20	40.94	2.28	43.48	2.36	46.03	2.44	47.86	2.47	51.11	2.52	53.65	2.57
	25	40.91	2.31	43.45	2.39	45.99	2.48	47.83	2.51	51.07	2.55	53.61	2.61
	30	40.88	2.34	43.42	2.43	45.96	2.51	47.79	2.54	51.03	2.59	53.57	2.64
	35	40.85	2.37	43.38	2.46	45.92	2.55	47.75	2.58	50.99	2.63	53.53	2.68
	40	40.82	2.40	43.35	2.49	45.89	2.58	47.72	2.61	50.95	2.66	53.49	2.72
	45	40.78	2.44	43.32	2.53	45.85	2.62	47.68	2.65	50.92	2.70	53.45	2.75
	50	40.75	2.47	43.28	2.56	45.81	2.65	47.64	2.68	50.88	2.73	53.41	2.79
	55	40.72	2.50	43.25	2.59	45.78	2.69	47.61	2.72	50.84	2.77	53.37	2.82
	60	40.69	2.53	43.22	2.63	45.74	2.72	47.57	2.75	50.80	2.80	53.33	2.86
	65	40.66	2.57	43.18	2.66	45.71	2.76	47.53	2.79	50.76	2.84	53.28	2.90
	70	40.63	2.60	43.15	2.69	45.67	2.79	47.50	2.82	50.72	2.88	53.24	2.93
	75	39.65	2.74	42.17	2.84	44.68	2.94	46.50	2.98	49.72	3.03	52.24	3.09
	80	38.67	2.88	41.18	2.98	43.69	3.09	45.51	3.13	48.72	3.19	51.23	3.25
	85	37.70	3.02	40.21	3.13	42.71	3.24	44.52	3.28	47.72	3.34	50.23	3.41
	90	36.73	3.16	39.23	3.27	41.73	3.39	43.54	3.43	46.73	3.50	49.23	3.57
	95	35.68	3.30	38.17	3.42	40.65	3.54	41.80	3.58	45.63	3.65	48.11	3.73
	100	35.26	3.44	37.78	3.56	40.30	3.69	41.61	3.74	45.35	3.81	47.87	3.88
	105	34.84	3.58	37.40	3.71	39.95	3.85	41.43	3.89	45.07	3.96	47.62	4.04
	110	34.42	3.72	37.01	3.85	39.60	4.00	41.25	4.04	44.79	4.12	47.38	4.20
	115	34.00	3.86	36.63	4.00	39.26	4.15	41.07	4.19	44.51	4.27	47.14	4.36
	118	33.75	3.94	36.40	4.09	39.05	4.24	40.96	4.29	44.34	4.37	46.99	4.45
	122	33.67	4.06	36.32	4.20	38.98	4.36	40.92	4.41	44.29	4.49	46.94	4.58
39	-4	42.13	2.18	44.74	2.26	47.36	2.35	49.25	2.37	52.59	2.42	55.21	2.47
	0	42.10	2.21	44.72	2.29	47.33	2.37	49.22	2.40	52.56	2.44	55.18	2.49
	5	42.07	2.24	44.68	2.32	47.30	2.41	49.18	2.44	52.52	2.48	55.13	2.53
	10	42.04	2.28	44.65	2.36	47.26	2.45	49.14	2.47	52.48	2.52	55.09	2.57
	14	42.01	2.31	44.61	2.39	47.22	2.48	49.11	2.51	52.44	2.56	55.05	2.61
	20	41.97	2.34	44.58	2.43	47.19	2.52	49.07	2.55	52.40	2.59	55.01	2.65
	25	41.94	2.38	44.55	2.46	47.15	2.55	49.03	2.58	52.36	2.63	54.97	2.68
	30	41.91	2.41	44.51	2.50	47.12	2.59	48.99	2.62	52.32	2.67	54.92	2.72
	35	41.88	2.44	44.48	2.53	47.08	2.62	48.96	2.65	52.28	2.70	54.88	2.76
	40	41.85	2.48	44.44	2.57	47.04	2.66	48.92	2.69	52.24	2.74	54.84	2.80
	45	41.81	2.51	44.41	2.60	47.01	2.69	48.88	2.73	52.20	2.78	54.80	2.83
	50	41.78	2.54	44.38	2.63	46.97	2.73	48.85	2.76	52.16	2.81	54.76	2.87
	55	41.75	2.57	44.34	2.67	46.94	2.77	48.81	2.80	52.12	2.85	54.71	2.91
	60	41.72	2.61	44.31	2.70	46.90	2.80	48.77	2.83	52.08	2.89	54.67	2.95
	65	41.69	2.64	44.27	2.74	46.86	2.84	48.73	2.87	52.04	2.92	54.63	2.98
	70	41.65	2.67	44.24	2.77	46.83	2.87	48.70	2.91	52.00	2.96	54.59	3.02
	75	40.65	2.82	43.23	2.92	45.81	3.03	47.68	3.06	50.97	3.12	53.55	3.18
	80	39.65	2.96	42.22	3.07	44.80	3.18	46.66	3.22	49.95	3.28	52.52	3.35
	85	38.66	3.11	41.22	3.22	43.79	3.34	45.65	3.38	48.93	3.44	51.49	3.51
	90	37.66	3.25	40.22	3.37	42.78	3.49	44.63	3.53	47.91	3.60	50.47	3.67
	95	36.58	3.40	39.13	3.52	41.68	3.65	42.85	3.69	46.78	3.76	49.33	3.84
	100	36.15	3.54	38.74	3.67	41.32	3.80	42.66	3.85	46.49	3.92	49.08	4.00
	105	35.72	3.68	38.34	3.82	40.96	3.96	42.48	4.00	46.21	4.08	48.83	4.16
	110	35.29	3.83	37.95	3.97	40.60	4.11	42.29	4.16	45.92	4.24	48.58	4.32
	115	34.86	3.97	37.55	4.12	40.25	4.27	42.10	4.32	45.64	4.40	48.33	4.49
	118	34.60	4.06	37.32	4.21	40.03	4.36	41.99	4.41	45.46	4.49	48.18	4.58
	122	34.52	4.17	37.24	4.33	39.96	4.49	41.96	4.54	45.41	4.62	48.13	4.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 168: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
40	-4	43.16	2.25	45.85	2.33	48.53	2.41	50.46	2.44	53.89	2.49	56.57	2.54
	0	43.14	2.27	45.82	2.35	48.50	2.44	50.43	2.47	53.86	2.51	56.54	2.56
	5	43.11	2.31	45.78	2.39	48.46	2.48	50.39	2.51	53.81	2.55	56.49	2.61
	10	43.07	2.34	45.75	2.43	48.42	2.52	50.35	2.54	53.77	2.59	56.45	2.64
	14	43.04	2.38	45.71	2.46	48.39	2.55	50.32	2.58	53.73	2.63	56.40	2.68
	20	43.01	2.41	45.68	2.50	48.35	2.59	50.28	2.62	53.69	2.67	56.36	2.72
	25	42.97	2.44	45.64	2.53	48.31	2.63	50.24	2.66	53.65	2.71	56.32	2.76
	30	42.94	2.48	45.61	2.57	48.27	2.66	50.20	2.69	53.61	2.74	56.28	2.80
	35	42.91	2.51	45.57	2.60	48.24	2.70	50.16	2.73	53.57	2.78	56.23	2.84
	40	42.88	2.55	45.54	2.64	48.20	2.74	50.12	2.77	53.53	2.82	56.19	2.88
	45	42.84	2.58	45.50	2.67	48.16	2.77	50.09	2.80	53.49	2.86	56.15	2.91
	50	42.81	2.61	45.47	2.71	48.13	2.81	50.05	2.84	53.44	2.89	56.10	2.95
	55	42.78	2.65	45.43	2.75	48.09	2.85	50.01	2.88	53.40	2.93	56.06	2.99
	60	42.74	2.68	45.40	2.78	48.05	2.88	49.97	2.92	53.36	2.97	56.02	3.03
	65	42.71	2.72	45.36	2.82	48.02	2.92	49.93	2.95	53.32	3.01	55.97	3.07
	70	42.68	2.75	45.33	2.85	47.98	2.96	49.89	2.99	53.28	3.05	55.93	3.11
	75	41.65	2.90	44.30	3.01	46.94	3.12	48.85	3.15	52.23	3.21	54.87	3.27
	80	40.62	3.05	43.26	3.16	45.90	3.27	47.80	3.31	51.17	3.37	53.81	3.44
	85	39.61	3.20	42.24	3.31	44.87	3.43	46.77	3.47	50.13	3.54	52.76	3.61
	90	38.59	3.35	41.21	3.47	43.84	3.59	45.73	3.64	49.09	3.70	51.71	3.78
	95	37.48	3.49	40.10	3.62	42.71	3.75	43.90	3.80	47.93	3.87	50.54	3.95
	100	37.04	3.64	39.69	3.78	42.34	3.91	43.71	3.96	47.64	4.03	50.28	4.11
	105	36.60	3.79	39.29	3.93	41.97	4.07	43.52	4.12	47.34	4.20	50.03	4.28
	110	36.16	3.94	38.88	4.08	41.60	4.23	43.33	4.28	47.05	4.36	49.77	4.45
	115	35.72	4.09	38.48	4.24	41.24	4.39	43.14	4.44	46.76	4.53	49.52	4.62
	118	35.45	4.18	38.24	4.33	41.02	4.49	43.03	4.54	46.58	4.62	49.36	4.72
	122	35.36	4.30	38.16	4.45	40.94	4.61	42.99	4.67	46.52	4.76	49.31	4.85
41	-4	44.20	2.31	46.95	2.39	49.69	2.48	51.67	2.51	55.18	2.56	57.93	2.61
	0	44.18	2.33	46.92	2.42	49.66	2.51	51.65	2.54	55.15	2.58	57.90	2.64
	5	44.14	2.37	46.88	2.46	49.62	2.55	51.60	2.58	55.11	2.63	57.85	2.68
	10	44.11	2.41	46.85	2.50	49.59	2.59	51.56	2.62	55.06	2.67	57.80	2.72
	14	44.07	2.44	46.81	2.53	49.55	2.62	51.52	2.65	55.02	2.70	57.76	2.76
	20	44.04	2.48	46.78	2.57	49.51	2.66	51.49	2.69	54.98	2.74	57.72	2.80
	25	44.01	2.51	46.74	2.61	49.47	2.70	51.45	2.73	54.94	2.78	57.67	2.84
	30	43.97	2.55	46.70	2.64	49.43	2.74	51.41	2.77	54.90	2.82	57.63	2.88
	35	43.94	2.58	46.67	2.68	49.40	2.78	51.37	2.81	54.85	2.86	57.58	2.92
	40	43.91	2.62	46.63	2.71	49.36	2.81	51.33	2.85	54.81	2.90	57.54	2.96
	45	43.87	2.65	46.60	2.75	49.32	2.85	51.29	2.88	54.77	2.94	57.50	3.00
	50	43.84	2.69	46.56	2.79	49.28	2.89	51.25	2.92	54.73	2.98	57.45	3.04
	55	43.80	2.72	46.53	2.82	49.25	2.93	51.21	2.96	54.69	3.02	57.41	3.08
	60	43.77	2.76	46.49	2.86	49.21	2.96	51.17	3.00	54.64	3.05	57.36	3.12
	65	43.74	2.79	46.45	2.90	49.17	3.00	51.13	3.04	54.60	3.09	57.32	3.16
	70	43.70	2.83	46.42	2.93	49.13	3.04	51.09	3.07	54.56	3.13	57.27	3.20
	75	42.65	2.98	45.36	3.09	48.07	3.20	50.02	3.24	53.48	3.30	56.19	3.37
	80	41.60	3.13	44.30	3.25	47.00	3.37	48.95	3.41	52.40	3.47	55.10	3.54
	85	40.56	3.29	43.25	3.41	45.95	3.53	47.89	3.57	51.33	3.64	54.03	3.71
	90	39.52	3.44	42.20	3.57	44.89	3.70	46.83	3.74	50.27	3.81	52.95	3.88
	95	38.38	3.59	41.06	3.72	43.73	3.86	44.96	3.90	49.08	3.98	51.75	4.06
	100	37.93	3.75	40.64	3.88	43.36	4.02	44.76	4.07	48.78	4.15	51.49	4.23
	105	37.48	3.90	40.23	4.04	42.98	4.19	44.57	4.24	48.48	4.31	51.23	4.40
	110	37.03	4.05	39.82	4.20	42.60	4.35	44.37	4.40	48.18	4.48	50.97	4.57
	115	36.58	4.20	39.40	4.36	42.23	4.52	44.18	4.57	47.88	4.65	50.71	4.75
	118	36.30	4.29	39.16	4.45	42.00	4.61	44.06	4.67	47.70	4.75	50.55	4.85
	122	36.21	4.42	39.07	4.58	41.93	4.74	44.02	4.80	47.64	4.89	50.50	4.99

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 169: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-4	45.24	2.37	48.05	2.46	50.86	2.55	52.89	2.58	56.48	2.63	59.29	2.68
	0	45.21	2.40	48.02	2.49	50.83	2.58	52.86	2.61	56.45	2.66	59.25	2.71
	5	45.18	2.44	47.98	2.53	50.79	2.62	52.81	2.65	56.40	2.70	59.20	2.75
	10	45.14	2.47	47.95	2.56	50.75	2.66	52.77	2.69	56.36	2.74	59.16	2.79
	14	45.11	2.51	47.91	2.60	50.71	2.70	52.73	2.73	56.31	2.78	59.11	2.83
	20	45.07	2.55	47.87	2.64	50.67	2.74	52.69	2.77	56.27	2.82	59.07	2.88
	25	45.04	2.58	47.84	2.68	50.63	2.77	52.65	2.81	56.23	2.86	59.02	2.92
	30	45.00	2.62	47.80	2.71	50.59	2.81	52.61	2.85	56.18	2.90	58.98	2.96
	35	44.97	2.65	47.76	2.75	50.56	2.85	52.57	2.88	56.14	2.94	58.93	3.00
	40	44.94	2.69	47.73	2.79	50.52	2.89	52.53	2.92	56.10	2.98	58.89	3.04
	45	44.90	2.73	47.69	2.83	50.48	2.93	52.49	2.96	56.06	3.02	58.84	3.08
	50	44.87	2.76	47.65	2.86	50.44	2.97	52.45	3.00	56.01	3.06	58.80	3.12
	55	44.83	2.80	47.62	2.90	50.40	3.01	52.41	3.04	55.97	3.10	58.75	3.16
	60	44.80	2.83	47.58	2.94	50.36	3.05	52.37	3.08	55.93	3.14	58.71	3.20
	65	44.76	2.87	47.54	2.98	50.32	3.08	52.33	3.12	55.88	3.18	58.66	3.24
	70	44.73	2.91	47.51	3.01	50.28	3.12	52.29	3.16	55.84	3.22	58.62	3.28
	75	43.65	3.06	46.42	3.18	49.19	3.29	51.20	3.33	54.74	3.39	57.51	3.46
	80	42.58	3.22	45.34	3.34	48.10	3.46	50.10	3.50	53.63	3.57	56.40	3.64
	85	41.51	3.38	44.27	3.50	47.02	3.63	49.02	3.67	52.54	3.74	55.30	3.81
	90	40.44	3.53	43.19	3.66	45.94	3.80	47.93	3.84	51.44	3.91	54.20	3.99
	95	39.28	3.69	42.02	3.83	44.76	3.97	46.01	4.01	50.23	4.09	52.97	4.17
	100	38.82	3.85	41.60	3.99	44.37	4.13	45.81	4.18	49.93	4.26	52.70	4.35
	105	38.36	4.00	41.17	4.15	43.99	4.30	45.61	4.35	49.62	4.43	52.43	4.52
	110	37.90	4.16	40.75	4.31	43.60	4.47	45.41	4.52	49.31	4.61	52.16	4.70
	115	37.43	4.32	40.33	4.48	43.22	4.64	45.21	4.69	49.01	4.78	51.89	4.88
	118	37.16	4.41	40.07	4.57	42.99	4.74	45.09	4.80	48.82	4.88	51.73	4.98
	122	37.06	4.54	39.99	4.70	42.91	4.88	45.05	4.93	48.76	5.02	51.68	5.12
43	-4	46.28	2.44	49.15	2.53	52.02	2.62	54.10	2.65	57.77	2.70	60.64	2.75
	0	46.25	2.46	49.12	2.55	51.99	2.65	54.07	2.68	57.74	2.73	60.61	2.78
	5	46.21	2.50	49.08	2.59	51.95	2.69	54.02	2.72	57.69	2.77	60.56	2.83
	10	46.18	2.54	49.04	2.63	51.91	2.73	53.98	2.76	57.65	2.81	60.52	2.87
	14	46.14	2.58	49.01	2.67	51.87	2.77	53.94	2.80	57.60	2.85	60.47	2.91
	20	46.11	2.61	48.97	2.71	51.83	2.81	53.90	2.84	57.56	2.89	60.42	2.95
	25	46.07	2.65	48.93	2.75	51.79	2.85	53.86	2.88	57.52	2.93	60.38	2.99
	30	46.04	2.69	48.90	2.79	51.75	2.89	53.82	2.92	57.47	2.98	60.33	3.04
	35	46.00	2.73	48.86	2.82	51.71	2.93	53.78	2.96	57.43	3.02	60.29	3.08
	40	45.97	2.76	48.82	2.86	51.68	2.97	53.74	3.00	57.38	3.06	60.24	3.12
	45	45.93	2.80	48.78	2.90	51.64	3.01	53.70	3.04	57.34	3.10	60.19	3.16
	50	45.90	2.84	48.75	2.94	51.60	3.05	53.65	3.08	57.30	3.14	60.15	3.20
	55	45.86	2.87	48.71	2.98	51.56	3.09	53.61	3.12	57.25	3.18	60.10	3.24
	60	45.82	2.91	48.67	3.02	51.52	3.13	53.57	3.16	57.21	3.22	60.05	3.29
	65	45.79	2.95	48.63	3.05	51.48	3.17	53.53	3.20	57.16	3.26	60.01	3.33
	70	45.75	2.98	48.60	3.09	51.44	3.21	53.49	3.24	57.12	3.30	59.96	3.37
	75	44.65	3.15	47.49	3.26	50.32	3.38	52.37	3.42	55.99	3.48	58.83	3.55
	80	43.55	3.31	46.38	3.43	49.21	3.55	51.25	3.59	54.86	3.66	57.69	3.73
	85	42.46	3.47	45.28	3.59	48.10	3.72	50.14	3.77	53.74	3.84	56.56	3.92
	90	41.37	3.63	44.18	3.76	47.00	3.90	49.03	3.94	52.62	4.02	55.44	4.10
	95	40.19	3.79	42.99	3.93	45.78	4.07	47.07	4.12	51.38	4.19	54.18	4.28
	100	39.71	3.95	42.55	4.09	45.39	4.24	46.86	4.29	51.07	4.37	53.91	4.46
	105	39.24	4.11	42.12	4.26	45.00	4.42	46.66	4.47	50.76	4.55	53.63	4.64
	110	38.77	4.27	41.69	4.43	44.60	4.59	46.46	4.64	50.44	4.73	53.36	4.82
	115	38.29	4.43	41.25	4.59	44.21	4.76	46.25	4.82	50.13	4.91	53.08	5.01
	118	38.01	4.53	40.99	4.70	43.97	4.87	46.13	4.92	49.94	5.01	52.92	5.12
	122	37.91	4.66	40.91	4.83	43.89	5.00	46.09	5.06	49.88	5.16	52.20	5.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 170: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
44	-4	47.31	2.50	50.25	2.59	53.19	2.68	55.31	2.72	59.07	2.77	62.00	2.82
	0	47.29	2.53	50.22	2.62	53.16	2.71	55.28	2.75	59.03	2.80	61.97	2.85
	5	47.25	2.57	50.18	2.66	53.12	2.76	55.24	2.79	58.98	2.84	61.92	2.90
	10	47.21	2.61	50.14	2.70	53.08	2.80	55.19	2.83	58.94	2.88	61.87	2.94
	14	47.18	2.64	50.11	2.74	53.04	2.84	55.15	2.87	58.89	2.93	61.82	2.99
	20	47.14	2.68	50.07	2.78	52.99	2.88	55.11	2.91	58.85	2.97	61.78	3.03
	25	47.10	2.72	50.03	2.82	52.95	2.92	55.07	2.96	58.81	3.01	61.73	3.07
	30	47.07	2.76	49.99	2.86	52.91	2.96	55.03	3.00	58.76	3.05	61.68	3.11
	35	47.03	2.80	49.95	2.90	52.87	3.00	54.98	3.04	58.72	3.09	61.64	3.16
	40	47.00	2.83	49.91	2.94	52.83	3.04	54.94	3.08	58.67	3.14	61.59	3.20
	45	46.96	2.87	49.88	2.98	52.79	3.08	54.90	3.12	58.63	3.18	61.54	3.24
	50	46.92	2.91	49.84	3.02	52.75	3.13	54.86	3.16	58.58	3.22	61.49	3.29
	55	46.89	2.95	49.80	3.05	52.71	3.17	54.81	3.20	58.54	3.26	61.45	3.33
	60	46.85	2.99	49.76	3.09	52.67	3.21	54.77	3.24	58.49	3.30	61.40	3.37
	65	46.82	3.02	49.72	3.13	52.63	3.25	54.73	3.29	58.45	3.35	61.35	3.41
	70	46.78	3.06	49.69	3.17	52.59	3.29	54.69	3.33	58.40	3.39	61.31	3.46
	75	45.65	3.23	48.55	3.34	51.45	3.47	53.54	3.51	57.25	3.57	60.14	3.64
	80	44.53	3.39	47.42	3.52	50.31	3.64	52.40	3.69	56.09	3.75	58.98	3.83
	85	43.41	3.56	46.30	3.69	49.18	3.82	51.26	3.87	54.95	3.94	57.83	4.02
	90	42.30	3.72	45.17	3.86	48.05	4.00	50.13	4.04	53.80	4.12	56.68	4.20
	95	41.09	3.89	43.95	4.03	46.81	4.18	48.12	4.22	52.54	4.30	55.40	4.39
	100	40.60	4.05	43.51	4.20	46.41	4.35	47.91	4.40	52.21	4.49	55.12	4.58
	105	40.12	4.22	43.06	4.37	46.00	4.53	47.71	4.58	51.89	4.67	54.84	4.76
	110	39.63	4.38	42.62	4.54	45.60	4.71	47.50	4.76	51.57	4.85	54.55	4.95
45	115	39.15	4.55	42.18	4.71	45.20	4.89	47.29	4.94	51.25	5.03	54.27	5.14
	118	38.86	4.65	41.91	4.82	44.96	4.99	47.16	5.05	51.06	5.14	53.53	5.19
	122	38.76	4.78	41.82	4.95	44.88	5.13	47.12	5.19	50.07	5.19	51.99	5.19
	-4	48.35	2.56	51.35	2.66	54.35	2.75	56.52	2.78	60.36	2.84	63.36	2.89
	0	48.32	2.59	51.32	2.69	54.33	2.78	56.49	2.82	60.33	2.87	63.33	2.93
	5	48.28	2.63	51.28	2.73	54.28	2.83	56.45	2.86	60.28	2.91	63.28	2.97
	10	48.25	2.67	51.24	2.77	54.24	2.87	56.40	2.90	60.23	2.96	63.23	3.02
	14	48.21	2.71	51.20	2.81	54.20	2.91	56.36	2.95	60.19	3.00	63.18	3.06
	20	48.17	2.75	51.16	2.85	54.16	2.95	56.32	2.99	60.14	3.04	63.13	3.11
	25	48.14	2.79	51.13	2.89	54.12	3.00	56.27	3.03	60.09	3.09	63.08	3.15
	30	48.10	2.83	51.09	2.93	54.07	3.04	56.23	3.07	60.05	3.13	63.04	3.19
	35	48.06	2.87	51.05	2.97	54.03	3.08	56.19	3.11	60.00	3.17	62.99	3.24
	40	48.03	2.91	51.01	3.01	53.99	3.12	56.15	3.16	59.96	3.22	62.94	3.28
	45	47.99	2.94	50.97	3.05	53.95	3.16	56.10	3.20	59.91	3.26	62.89	3.32
	50	47.95	2.98	50.93	3.09	53.91	3.20	56.06	3.24	59.86	3.30	62.84	3.37
	55	47.92	3.02	50.89	3.13	53.87	3.25	56.02	3.28	59.82	3.35	62.79	3.41
	60	47.88	3.06	50.85	3.17	53.83	3.29	55.97	3.33	59.77	3.39	62.75	3.46
	65	47.84	3.10	50.81	3.21	53.78	3.33	55.93	3.37	59.73	3.43	62.70	3.50
	70	47.81	3.14	50.77	3.25	53.74	3.37	55.89	3.41	59.68	3.47	62.65	3.54
	75	46.65	3.31	49.62	3.43	52.58	3.55	54.72	3.60	58.50	3.66	61.46	3.74
	80	45.50	3.48	48.46	3.60	51.41	3.74	53.55	3.78	57.32	3.85	60.28	3.93
	85	44.36	3.65	47.31	3.78	50.26	3.92	52.39	3.96	56.15	4.04	59.10	4.12
	90	43.22	3.82	46.16	3.96	49.10	4.10	51.23	4.15	54.98	4.22	57.92	4.31
	95	41.99	3.99	44.91	4.13	47.84	4.28	49.18	4.33	53.69	4.41	56.61	4.50
	100	41.49	4.15	44.46	4.31	47.42	4.46	48.96	4.52	53.36	4.60	56.32	4.69
	105	41.00	4.32	44.01	4.48	47.01	4.65	48.75	4.70	53.03	4.79	56.04	4.88
	110	40.50	4.49	43.55	4.66	46.60	4.83	48.54	4.88	52.70	4.97	55.75	5.07
	115	40.01	4.66	43.10	4.83	46.19	5.01	48.32	5.07	52.38	5.16	54.66	5.19
	118	39.71	4.76	42.83	4.94	45.94	5.12	48.20	5.18	51.43	5.19	53.38	5.19
	122	39.61	4.90	42.74	5.08	45.28	5.19	47.01	5.19	49.94	5.19	51.87	5.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 171: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
46	-4	49.39	2.63	52.45	2.72	55.52	2.82	57.74	2.85	61.65	2.91	64.72	2.97
	0	49.36	2.65	52.42	2.75	55.49	2.85	57.70	2.89	61.62	2.94	64.69	3.00
	5	49.32	2.70	52.38	2.80	55.44	2.90	57.66	2.93	61.57	2.99	64.63	3.05
	10	49.28	2.74	52.34	2.84	55.40	2.94	57.61	2.98	61.52	3.03	64.58	3.09
	14	49.24	2.78	52.30	2.88	55.36	2.98	57.57	3.02	61.48	3.08	64.53	3.14
	20	49.21	2.82	52.26	2.92	55.32	3.03	57.52	3.06	61.43	3.12	64.49	3.18
	25	49.17	2.86	52.22	2.96	55.28	3.07	57.48	3.11	61.38	3.16	64.44	3.23
	30	49.13	2.90	52.18	3.00	55.23	3.11	57.44	3.15	61.34	3.21	64.39	3.27
	35	49.09	2.94	52.14	3.04	55.19	3.16	57.39	3.19	61.29	3.25	64.34	3.32
	40	49.06	2.98	52.10	3.09	55.15	3.20	57.35	3.24	61.24	3.30	64.29	3.36
	45	49.02	3.02	52.06	3.13	55.11	3.24	57.31	3.28	61.20	3.34	64.24	3.41
	50	48.98	3.06	52.02	3.17	55.06	3.28	57.26	3.32	61.15	3.38	64.19	3.45
	55	48.94	3.10	51.98	3.21	55.02	3.33	57.22	3.37	61.10	3.43	64.14	3.50
	60	48.91	3.14	51.94	3.25	54.98	3.37	57.17	3.41	61.05	3.47	64.09	3.54
	65	48.87	3.18	51.90	3.29	54.94	3.41	57.13	3.45	61.01	3.52	64.04	3.59
	70	48.83	3.22	51.86	3.33	54.90	3.46	57.09	3.50	60.96	3.56	63.99	3.63
	75	47.66	3.39	50.68	3.51	53.71	3.64	55.89	3.68	59.76	3.75	62.78	3.83
	80	46.48	3.56	49.50	3.69	52.52	3.83	54.70	3.87	58.55	3.95	61.57	4.03
	85	45.32	3.74	48.33	3.87	51.34	4.02	53.51	4.06	57.36	4.14	60.37	4.22
	90	44.15	3.91	47.15	4.05	50.16	4.20	52.33	4.25	56.16	4.33	59.16	4.42
	95	42.89	4.08	45.87	4.23	48.86	4.39	50.23	4.44	54.84	4.52	57.83	4.61
	100	42.38	4.26	45.41	4.41	48.44	4.57	50.01	4.63	54.50	4.71	57.53	4.81
	105	41.88	4.43	44.95	4.59	48.02	4.76	49.80	4.82	54.17	4.91	57.24	5.01
	110	41.37	4.61	44.49	4.77	47.60	4.95	49.58	5.00	53.83	5.10	56.88	5.19
	115	40.87	4.78	44.03	4.95	47.18	5.13	49.36	5.19	52.53	5.19	54.49	5.19
	118	40.56	4.88	43.75	5.06	46.43	5.19	48.15	5.19	51.17	5.19	53.24	5.19
	122	40.46	5.02	43.53	5.19	45.05	5.19	46.78	5.19	49.73	5.19	51.68	5.19
47	-4	50.42	2.69	53.55	2.79	56.69	2.89	58.95	2.92	62.95	2.98	66.08	3.04
	0	50.40	2.72	53.53	2.82	56.66	2.92	58.92	2.96	62.91	3.01	66.04	3.07
	5	50.35	2.76	53.48	2.87	56.61	2.97	58.87	3.00	62.86	3.06	65.99	3.12
	10	50.32	2.80	53.44	2.91	56.57	3.01	58.82	3.05	62.82	3.11	65.94	3.17
	14	50.28	2.85	53.40	2.95	56.52	3.06	58.78	3.09	62.77	3.15	65.89	3.21
	20	50.24	2.89	53.36	2.99	56.48	3.10	58.73	3.14	62.72	3.20	65.84	3.26
	25	50.20	2.93	53.32	3.03	56.44	3.15	58.69	3.18	62.67	3.24	65.79	3.31
	30	50.16	2.97	53.28	3.08	56.39	3.19	58.64	3.23	62.62	3.29	65.74	3.35
	35	50.12	3.01	53.24	3.12	56.35	3.23	58.60	3.27	62.58	3.33	65.69	3.40
	40	50.09	3.05	53.20	3.16	56.31	3.28	58.55	3.31	62.53	3.38	65.64	3.44
	45	50.05	3.09	53.16	3.20	56.26	3.32	58.51	3.36	62.48	3.42	65.59	3.49
	50	50.01	3.13	53.11	3.25	56.22	3.36	58.46	3.40	62.43	3.47	65.54	3.54
	55	49.97	3.17	53.07	3.29	56.18	3.41	58.42	3.45	62.38	3.51	65.49	3.58
	60	49.93	3.21	53.03	3.33	56.13	3.45	58.37	3.49	62.34	3.56	65.44	3.63
	65	49.89	3.25	52.99	3.37	56.09	3.50	58.33	3.54	62.29	3.60	65.39	3.68
	70	49.86	3.30	52.95	3.42	56.05	3.54	58.28	3.58	62.24	3.65	65.34	3.72
	75	48.66	3.47	51.74	3.60	54.83	3.73	57.06	3.77	61.01	3.85	64.10	3.92
	80	47.46	3.65	50.54	3.78	53.62	3.92	55.84	3.97	59.78	4.04	62.86	4.12
	85	46.27	3.83	49.34	3.97	52.41	4.11	54.63	4.16	58.56	4.24	61.63	4.32
	90	45.08	4.01	48.14	4.15	51.21	4.30	53.42	4.35	57.34	4.44	60.41	4.53
	95	43.79	4.18	46.84	4.34	49.89	4.50	51.29	4.55	55.99	4.63	59.04	4.73
	100	43.27	4.36	46.37	4.52	49.46	4.69	51.07	4.74	55.65	4.83	58.74	4.93
	105	42.76	4.54	45.89	4.71	49.03	4.88	50.84	4.93	55.31	5.03	58.44	5.13
	110	42.24	4.72	45.42	4.89	48.60	5.07	50.62	5.13	54.69	5.19	56.66	5.19
	115	41.72	4.90	44.95	5.07	47.57	5.19	49.21	5.19	52.34	5.19	54.33	5.19
	118	41.42	5.00	44.67	5.19	46.34	5.19	47.99	5.19	51.02	5.19	53.01	5.19
	122	41.31	5.14	43.43	5.19	44.92	5.19	46.66	5.19	49.53	5.19	51.49	5.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 172: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-4	51.46	2.76	54.66	2.86	57.85	2.96	60.16	2.99	64.24	3.05	67.44	3.11
	0	51.43	2.79	54.63	2.89	57.82	2.99	60.13	3.03	64.21	3.08	67.40	3.15
	5	51.39	2.83	54.58	2.93	57.77	3.04	60.08	3.08	64.16	3.13	67.35	3.20
	10	51.35	2.87	54.54	2.98	57.73	3.09	60.03	3.12	64.11	3.18	67.30	3.24
	14	51.31	2.91	54.50	3.02	57.68	3.13	59.99	3.17	64.06	3.23	67.24	3.29
	20	51.27	2.96	54.46	3.06	57.64	3.18	59.94	3.21	64.01	3.27	67.19	3.34
	25	51.23	3.00	54.42	3.11	57.60	3.22	59.89	3.26	63.96	3.32	67.14	3.39
	30	51.19	3.04	54.37	3.15	57.55	3.27	59.85	3.30	63.91	3.37	67.09	3.43
	35	51.16	3.08	54.33	3.19	57.51	3.31	59.80	3.35	63.86	3.41	67.04	3.48
	40	51.12	3.12	54.29	3.24	57.46	3.36	59.76	3.39	63.81	3.46	66.99	3.53
	45	51.08	3.17	54.25	3.28	57.42	3.40	59.71	3.44	63.77	3.50	66.94	3.57
	50	51.04	3.21	54.21	3.32	57.38	3.45	59.67	3.49	63.72	3.55	66.89	3.62
	55	51.00	3.25	54.17	3.37	57.33	3.49	59.62	3.53	63.67	3.60	66.83	3.67
	60	50.96	3.29	54.12	3.41	57.29	3.54	59.57	3.58	63.62	3.64	66.78	3.72
	65	50.92	3.33	54.08	3.45	57.24	3.58	59.53	3.62	63.57	3.69	66.73	3.76
	70	50.88	3.37	54.04	3.50	57.20	3.63	59.48	3.67	63.52	3.74	66.68	3.81
	75	49.66	3.56	52.81	3.69	55.96	3.82	58.24	3.87	62.27	3.94	65.42	4.02
	80	48.43	3.74	51.58	3.88	54.72	4.02	56.99	4.06	61.01	4.14	64.15	4.22
	85	47.22	3.92	50.36	4.06	53.49	4.21	55.76	4.26	59.77	4.34	62.90	4.43
	90	46.01	4.10	49.13	4.25	52.26	4.41	54.52	4.46	58.52	4.54	61.65	4.63
	95	44.69	4.29	47.80	4.44	50.91	4.60	52.34	4.66	57.14	4.74	60.25	4.84
	100	44.16	4.47	47.32	4.63	50.48	4.80	52.12	4.85	56.79	4.95	59.95	5.05
	105	43.64	4.65	46.84	4.82	50.04	5.00	51.89	5.05	56.44	5.15	59.00	5.19
	110	43.11	4.83	46.36	5.01	49.60	5.19	51.11	5.19	54.45	5.19	56.45	5.19
	115	42.58	5.01	45.82	5.19	47.37	5.19	49.01	5.19	52.17	5.19	54.17	5.19
	118	42.27	5.12	44.59	5.19	46.18	5.19	47.84	5.19	50.88	5.19	52.79	5.19
	122	41.55	5.19	43.27	5.19	44.79	5.19	46.46	5.19	49.42	5.19	51.32	5.19
49	-4	52.44	2.81	55.70	2.91	58.96	3.02	61.31	3.05	65.47	3.11	68.73	3.17
	0	52.41	2.84	55.67	2.95	58.92	3.05	61.27	3.09	65.43	3.15	68.69	3.21
	5	52.37	2.89	55.62	2.99	58.88	3.10	61.22	3.14	65.38	3.20	68.63	3.26
	10	52.33	2.93	55.58	3.04	58.83	3.15	61.18	3.18	65.33	3.24	68.58	3.31
	14	52.29	2.97	55.54	3.08	58.79	3.19	61.13	3.23	65.28	3.29	68.53	3.36
	20	52.25	3.02	55.50	3.13	58.74	3.24	61.08	3.28	65.23	3.34	68.48	3.41
	25	52.21	3.06	55.45	3.17	58.70	3.29	61.04	3.32	65.18	3.39	68.42	3.45
	30	52.17	3.10	55.41	3.21	58.65	3.33	60.99	3.37	65.13	3.43	68.37	3.50
	35	52.13	3.14	55.37	3.26	58.61	3.38	60.94	3.42	65.08	3.48	68.32	3.55
	40	52.09	3.19	55.33	3.30	58.56	3.42	60.90	3.46	65.03	3.53	68.27	3.60
	45	52.05	3.23	55.28	3.35	58.52	3.47	60.85	3.51	64.98	3.58	68.21	3.65
	50	52.01	3.27	55.24	3.39	58.47	3.52	60.80	3.56	64.93	3.62	68.16	3.70
	55	51.97	3.31	55.20	3.44	58.43	3.56	60.76	3.60	64.88	3.67	68.11	3.74
	60	51.93	3.36	55.16	3.48	58.38	3.61	60.71	3.65	64.83	3.72	68.06	3.79
	65	51.89	3.40	55.11	3.52	58.34	3.65	60.66	3.70	64.78	3.76	68.01	3.84
	70	51.85	3.44	55.07	3.57	58.29	3.70	60.62	3.74	64.73	3.81	67.95	3.89
	75	50.60	3.63	53.82	3.76	57.03	3.90	59.35	3.94	63.45	4.02	66.67	4.10
	80	49.36	3.81	52.56	3.95	55.77	4.10	58.08	4.15	62.17	4.22	65.38	4.31
	85	48.12	4.00	51.32	4.15	54.51	4.30	56.82	4.35	60.91	4.43	64.10	4.52
	90	46.88	4.19	50.07	4.34	53.26	4.50	55.56	4.55	59.64	4.63	62.83	4.73
	95	45.54	4.37	48.71	4.53	51.89	4.70	53.34	4.75	58.23	4.84	61.40	4.94
	100	45.00	4.56	48.22	4.72	51.44	4.90	53.11	4.95	57.88	5.05	61.09	5.15
	105	44.47	4.74	47.73	4.92	50.99	5.10	52.88	5.15	56.91	5.19	58.90	5.19
	110	43.93	4.93	47.24	5.11	49.54	5.19	51.02	5.19	54.38	5.19	56.39	5.19
	115	43.40	5.11	45.82	5.19	47.40	5.19	48.96	5.19	52.13	5.19	54.06	5.19
	118	42.77	5.19	44.52	5.19	46.13	5.19	47.80	5.19	50.77	5.19	52.79	5.19
	122	41.56	5.19	43.23	5.19	44.77	5.19	46.45	5.19	49.34	5.19	51.26	5.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 173: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	-4	53.42	2.87	56.74	2.97	60.06	3.08	62.46	3.12	66.70	3.17	70.01	3.24
	0	53.40	2.90	56.71	3.00	60.03	3.11	62.42	3.15	66.66	3.21	69.98	3.27
	5	53.35	2.94	56.66	3.05	59.98	3.16	62.37	3.20	66.60	3.26	69.92	3.33
	10	53.31	2.99	56.62	3.10	59.93	3.21	62.32	3.25	66.55	3.31	69.86	3.38
	14	53.27	3.03	56.58	3.14	59.89	3.26	62.28	3.30	66.50	3.36	69.81	3.42
	20	53.23	3.08	56.54	3.19	59.84	3.30	62.23	3.34	66.45	3.40	69.76	3.47
	25	53.19	3.12	56.49	3.23	59.80	3.35	62.18	3.39	66.40	3.45	69.70	3.52
	30	53.15	3.16	56.45	3.28	59.75	3.40	62.13	3.44	66.35	3.50	69.65	3.57
	35	53.11	3.21	56.41	3.32	59.70	3.44	62.09	3.48	66.30	3.55	69.60	3.62
	40	53.07	3.25	56.36	3.37	59.66	3.49	62.04	3.53	66.25	3.60	69.55	3.67
	45	53.03	3.29	56.32	3.41	59.61	3.54	61.99	3.58	66.20	3.65	69.49	3.72
	50	52.99	3.34	56.28	3.46	59.57	3.59	61.94	3.63	66.15	3.69	69.44	3.77
	55	52.94	3.38	56.23	3.50	59.52	3.63	61.90	3.67	66.10	3.74	69.39	3.82
	60	52.90	3.42	56.19	3.55	59.48	3.68	61.85	3.72	66.05	3.79	69.33	3.87
	65	52.86	3.47	56.15	3.59	59.43	3.73	61.80	3.77	66.00	3.84	69.28	3.92
	70	52.82	3.51	56.10	3.64	59.38	3.77	61.75	3.82	65.95	3.89	69.23	3.97
	75	51.55	3.70	54.82	3.84	58.10	3.98	60.46	4.02	64.64	4.10	67.91	4.18
	80	50.28	3.89	53.55	4.03	56.81	4.18	59.17	4.23	63.34	4.31	66.60	4.39
	85	49.02	4.08	52.28	4.23	55.53	4.38	57.89	4.43	62.05	4.52	65.30	4.61
	90	47.76	4.27	51.01	4.42	54.26	4.59	56.60	4.64	60.75	4.73	64.00	4.82
	95	46.39	4.46	49.63	4.62	52.86	4.79	54.34	4.85	59.32	4.94	62.55	5.04
	100	45.85	4.65	49.13	4.82	52.40	4.99	54.10	5.05	58.96	5.15	61.58	5.19
	105	45.30	4.84	48.63	5.01	51.89	5.19	53.19	5.19	56.79	5.19	58.90	5.19
	110	44.75	5.03	47.98	5.19	49.53	5.19	51.02	5.19	54.40	5.19	56.33	5.19
	115	43.99	5.19	45.73	5.19	47.34	5.19	48.92	5.19	52.09	5.19	54.05	5.19
	118	42.76	5.19	44.53	5.19	46.01	5.19	47.77	5.19	50.76	5.19	52.72	5.19
	122	41.49	5.19	43.19	5.19	44.68	5.19	46.37	5.19	49.27	5.19	51.21	5.19
51	-4	54.41	2.92	57.79	3.03	61.16	3.14	63.60	3.18	67.92	3.24	71.30	3.30
	0	54.38	2.95	57.75	3.06	61.13	3.17	63.57	3.21	67.88	3.27	71.26	3.34
	5	54.33	3.00	57.71	3.11	61.08	3.23	63.52	3.26	67.83	3.32	71.20	3.39
	10	54.29	3.05	57.66	3.16	61.03	3.27	63.47	3.31	67.78	3.37	71.15	3.44
	14	54.25	3.09	57.62	3.20	60.99	3.32	63.42	3.36	67.73	3.42	71.09	3.49
	20	54.21	3.14	57.57	3.25	60.94	3.37	63.37	3.41	67.67	3.47	71.04	3.54
	25	54.17	3.18	57.53	3.30	60.89	3.42	63.32	3.46	67.62	3.52	70.99	3.59
	30	54.12	3.22	57.49	3.34	60.85	3.46	63.28	3.50	67.57	3.57	70.93	3.64
	35	54.08	3.27	57.44	3.39	60.80	3.51	63.23	3.55	67.52	3.62	70.88	3.69
	40	54.04	3.31	57.40	3.43	60.75	3.56	63.18	3.60	67.47	3.67	70.82	3.74
	45	54.00	3.36	57.35	3.48	60.71	3.61	63.13	3.65	67.42	3.72	70.77	3.79
	50	53.96	3.40	57.31	3.53	60.66	3.65	63.08	3.70	67.36	3.77	70.71	3.84
	55	53.92	3.45	57.27	3.57	60.62	3.70	63.03	3.75	67.31	3.82	70.66	3.89
	60	53.88	3.49	57.22	3.62	60.57	3.75	62.99	3.79	67.26	3.86	70.61	3.94
	65	53.84	3.54	57.18	3.66	60.52	3.80	62.94	3.84	67.21	3.91	70.55	3.99
	70	53.79	3.58	57.13	3.71	60.48	3.85	62.89	3.89	67.16	3.96	70.50	4.04
	75	52.50	3.77	55.83	3.91	59.16	4.05	61.57	4.10	65.83	4.18	69.16	4.26
	80	51.20	3.97	54.53	4.11	57.85	4.26	60.25	4.31	64.50	4.39	67.83	4.48
	85	49.92	4.16	53.24	4.31	56.55	4.47	58.95	4.52	63.19	4.60	66.50	4.70
	90	48.64	4.35	51.95	4.51	55.25	4.68	57.64	4.73	61.87	4.82	65.18	4.92
	95	47.25	4.55	50.54	4.71	53.83	4.88	55.34	4.94	60.41	5.03	63.70	5.13
	100	46.69	4.74	50.03	4.91	53.37	5.09	55.10	5.15	59.40	5.19	61.53	5.19
	105	46.13	4.93	49.52	5.11	51.84	5.19	53.16	5.19	56.76	5.19	58.80	5.19
	110	45.58	5.12	47.94	5.19	49.43	5.19	50.93	5.19	54.33	5.19	56.27	5.19
	115	43.95	5.19	45.72	5.19	47.28	5.19	48.87	5.19	51.98	5.19	53.94	5.19
	118	42.75	5.19	44.47	5.19	45.98	5.19	47.74	5.19	50.66	5.19	52.63	5.19
	122	41.42	5.19	43.14	5.19	44.68	5.19	46.36	5.19	49.20	5.19	51.16	5.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 174: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
52	-4	55.39	2.98	58.83	3.09	62.27	3.20	64.75	3.24	69.15	3.30	72.59	3.36
	0	55.36	3.01	58.80	3.12	62.23	3.23	64.72	3.27	69.11	3.33	72.55	3.40
	5	55.31	3.06	58.75	3.17	62.18	3.29	64.66	3.33	69.05	3.39	72.49	3.46
	10	55.27	3.11	58.70	3.22	62.14	3.34	64.61	3.37	69.00	3.44	72.43	3.51
	14	55.23	3.15	58.66	3.27	62.09	3.38	64.57	3.42	68.95	3.49	72.38	3.56
	20	55.19	3.20	58.61	3.31	62.04	3.43	64.52	3.47	68.90	3.54	72.32	3.61
	25	55.14	3.24	58.57	3.36	61.99	3.48	64.47	3.52	68.84	3.59	72.27	3.66
	30	55.10	3.29	58.52	3.41	61.95	3.53	64.42	3.57	68.79	3.64	72.21	3.71
	35	55.06	3.33	58.48	3.45	61.90	3.58	64.37	3.62	68.74	3.69	72.16	3.76
	40	55.02	3.38	58.43	3.50	61.85	3.63	64.32	3.67	68.68	3.74	72.10	3.81
	45	54.98	3.42	58.39	3.55	61.80	3.68	64.27	3.72	68.63	3.79	72.05	3.86
	50	54.93	3.47	58.34	3.59	61.76	3.72	64.22	3.77	68.58	3.84	71.99	3.92
	55	54.89	3.51	58.30	3.64	61.71	3.77	64.17	3.82	68.53	3.89	71.94	3.97
	60	54.85	3.56	58.26	3.69	61.66	3.82	64.12	3.87	68.47	3.94	71.88	4.02
	65	54.81	3.60	58.21	3.73	61.61	3.87	64.07	3.92	68.42	3.99	71.83	4.07
	70	54.76	3.65	58.17	3.78	61.57	3.92	64.02	3.96	68.37	4.04	71.77	4.12
	75	53.45	3.85	56.84	3.99	60.23	4.13	62.68	4.18	67.02	4.26	70.41	4.34
	80	52.13	4.04	55.51	4.19	58.90	4.34	61.34	4.39	65.67	4.47	69.05	4.56
	85	50.82	4.24	54.20	4.39	57.57	4.55	60.01	4.61	64.33	4.69	67.70	4.79
	90	49.52	4.44	52.88	4.60	56.25	4.77	58.68	4.82	62.99	4.91	66.35	5.01
	95	48.10	4.63	51.45	4.80	54.80	4.98	56.34	5.03	61.50	5.13	64.40	5.19
	100	47.53	4.83	50.93	5.01	54.33	5.19	55.49	5.19	59.35	5.19	61.49	5.19
	105	46.97	5.03	50.26	5.19	51.81	5.19	53.13	5.19	56.75	5.19	58.71	5.19
	110	46.17	5.19	47.90	5.19	49.43	5.19	50.84	5.19	54.26	5.19	56.23	5.19
	115	43.92	5.19	45.64	5.19	47.22	5.19	48.82	5.19	51.94	5.19	53.93	5.19
	118	42.65	5.19	44.39	5.19	45.94	5.19	47.63	5.19	50.64	5.19	52.64	5.19
	122	41.35	5.19	43.10	5.19	44.59	5.19	46.28	5.19	49.14	5.19	51.12	5.19
53	-4	56.37	3.03	59.87	3.15	63.37	3.26	65.90	3.30	70.37	3.36	73.87	3.43
	0	56.34	3.07	59.84	3.18	63.34	3.30	65.86	3.33	70.33	3.40	73.83	3.46
	5	56.29	3.12	59.79	3.23	63.29	3.35	65.81	3.39	70.28	3.45	73.77	3.52
	10	56.25	3.16	59.74	3.28	63.24	3.40	65.76	3.44	70.22	3.50	73.72	3.57
	14	56.21	3.21	59.70	3.33	63.19	3.45	65.71	3.49	70.17	3.55	73.66	3.62
	20	56.16	3.26	59.65	3.37	63.14	3.50	65.66	3.54	70.12	3.60	73.60	3.68
	25	56.12	3.30	59.61	3.42	63.09	3.55	65.61	3.59	70.06	3.66	73.55	3.73
	30	56.08	3.35	59.56	3.47	63.04	3.60	65.56	3.64	70.01	3.71	73.49	3.78
	35	56.04	3.39	59.52	3.52	63.00	3.65	65.51	3.69	69.96	3.76	73.44	3.83
	40	55.99	3.44	59.47	3.57	62.95	3.70	65.46	3.74	69.90	3.81	73.38	3.89
	45	55.95	3.49	59.42	3.61	62.90	3.75	65.41	3.79	69.85	3.86	73.32	3.94
	50	55.91	3.53	59.38	3.66	62.85	3.80	65.36	3.84	69.80	3.91	73.27	3.99
	55	55.86	3.58	59.33	3.71	62.80	3.84	65.31	3.89	69.74	3.96	73.21	4.04
	60	55.82	3.62	59.29	3.76	62.75	3.89	65.26	3.94	69.69	4.01	73.16	4.09
	65	55.78	3.67	59.24	3.80	62.71	3.94	65.21	3.99	69.63	4.06	73.10	4.15
	70	55.74	3.72	59.20	3.85	62.66	3.99	65.16	4.04	69.58	4.12	73.04	4.20
	75	54.39	3.92	57.85	4.06	61.30	4.21	63.79	4.26	68.21	4.34	71.66	4.42
	80	53.05	4.12	56.50	4.27	59.94	4.42	62.43	4.48	66.83	4.56	70.28	4.65
	85	51.72	4.32	55.16	4.48	58.60	4.64	61.08	4.69	65.47	4.78	68.90	4.88
	90	50.39	4.52	53.82	4.68	57.25	4.86	59.72	4.91	64.10	5.00	67.53	5.10
	95	48.95	4.72	52.36	4.89	55.77	5.07	57.34	5.13	62.16	5.19	64.32	5.19
	100	48.38	4.92	51.83	5.10	54.29	5.19	55.43	5.19	59.29	5.19	61.35	5.19
	105	47.80	5.12	50.19	5.19	51.76	5.19	53.10	5.19	56.64	5.19	58.71	5.19
	110	46.10	5.19	47.78	5.19	49.33	5.19	50.85	5.19	54.19	5.19	56.17	5.19
	115	43.89	5.19	45.63	5.19	47.17	5.19	48.77	5.19	51.91	5.19	53.82	5.19
	118	42.64	5.19	44.33	5.19	45.91	5.19	47.61	5.19	50.55	5.19	52.56	5.19
	122	41.35	5.19	43.06	5.19	44.58	5.19	46.21	5.19	49.16	5.19	51.07	5.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 175: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-4	57.02	3.07	60.56	3.19	64.10	3.30	66.66	3.34	71.19	3.40	74.73	3.47
	0	56.99	3.11	60.53	3.22	64.07	3.34	66.63	3.38	71.15	3.44	74.69	3.51
	5	56.94	3.16	60.48	3.27	64.02	3.39	66.57	3.43	71.09	3.49	74.63	3.57
	10	56.90	3.20	60.43	3.32	63.97	3.44	66.52	3.48	71.04	3.55	74.57	3.62
	14	56.86	3.25	60.39	3.37	63.92	3.49	66.47	3.53	70.98	3.60	74.51	3.67
	20	56.81	3.30	60.34	3.42	63.87	3.54	66.42	3.58	70.93	3.65	74.46	3.72
	25	56.77	3.34	60.30	3.47	63.82	3.59	66.37	3.63	70.87	3.70	74.40	3.78
	30	56.73	3.39	60.25	3.51	63.77	3.64	66.32	3.68	70.82	3.75	74.34	3.83
	35	56.68	3.44	60.20	3.56	63.72	3.69	66.27	3.74	70.77	3.81	74.29	3.88
	40	56.64	3.48	60.16	3.61	63.68	3.74	66.22	3.79	70.71	3.86	74.23	3.93
	45	56.60	3.53	60.11	3.66	63.63	3.79	66.17	3.84	70.66	3.91	74.17	3.99
	50	56.55	3.58	60.07	3.71	63.58	3.84	66.11	3.89	70.60	3.96	74.11	4.04
	55	56.51	3.62	60.02	3.76	63.53	3.89	66.06	3.94	70.55	4.01	74.06	4.09
	60	56.47	3.67	59.97	3.80	63.48	3.94	66.01	3.99	70.49	4.06	74.00	4.15
	65	56.42	3.72	59.93	3.85	63.43	3.99	65.96	4.04	70.44	4.12	73.94	4.20
	70	56.38	3.76	59.88	3.90	63.38	4.04	65.91	4.09	70.39	4.17	73.89	4.25
	75	55.02	3.97	58.52	4.11	62.01	4.26	64.53	4.31	68.99	4.39	72.49	4.48
	80	53.67	4.17	57.15	4.32	60.64	4.48	63.15	4.53	67.60	4.62	71.09	4.71
	85	52.32	4.37	55.80	4.53	59.27	4.70	61.78	4.75	66.22	4.84	69.70	4.94
	90	50.98	4.58	54.44	4.74	57.91	4.92	60.42	4.97	64.85	5.07	68.31	5.17
	95	49.52	4.78	52.97	4.95	56.42	5.13	58.00	5.19	62.17	5.19	64.22	5.19
	100	48.93	4.98	52.43	5.16	54.30	5.19	55.44	5.19	59.21	5.19	61.29	5.19
	105	48.35	5.19	50.20	5.19	51.71	5.19	52.95	5.19	56.59	5.19	58.58	5.19
	110	46.03	5.19	47.73	5.19	49.30	5.19	50.73	5.19	54.08	5.19	56.08	5.19
	115	43.84	5.19	45.52	5.19	47.07	5.19	48.69	5.19	51.83	5.19	53.84	5.19
	118	42.61	5.19	44.32	5.19	45.83	5.19	47.54	5.19	50.50	5.19	52.51	5.19
	122	41.27	5.19	42.99	5.19	44.52	5.19	46.16	5.19	49.04	5.19	50.95	5.19
55	-4	57.02	3.07	60.56	3.19	64.10	3.30	66.66	3.34	71.19	3.40	74.73	3.47
	0	56.99	3.11	60.53	3.22	64.07	3.34	66.63	3.38	71.15	3.44	74.69	3.51
	5	56.94	3.16	60.48	3.27	64.02	3.39	66.57	3.43	71.09	3.49	74.63	3.57
	10	56.90	3.20	60.43	3.32	63.97	3.44	66.52	3.48	71.04	3.55	74.57	3.62
	14	56.86	3.25	60.39	3.37	63.92	3.49	66.47	3.53	70.98	3.60	74.51	3.67
	20	56.81	3.30	60.34	3.42	63.87	3.54	66.42	3.58	70.93	3.65	74.46	3.72
	25	56.77	3.34	60.30	3.47	63.82	3.59	66.37	3.63	70.87	3.70	74.40	3.78
	30	56.73	3.39	60.25	3.51	63.77	3.64	66.32	3.68	70.82	3.75	74.34	3.83
	35	56.68	3.44	60.20	3.56	63.72	3.69	66.27	3.74	70.77	3.81	74.29	3.88
	40	56.64	3.48	60.16	3.61	63.68	3.74	66.22	3.79	70.71	3.86	74.23	3.93
	45	56.60	3.53	60.11	3.66	63.63	3.79	66.17	3.84	70.66	3.91	74.17	3.99
	50	56.55	3.58	60.07	3.71	63.58	3.84	66.11	3.89	70.60	3.96	74.11	4.04
	55	56.51	3.62	60.02	3.76	63.53	3.89	66.06	3.94	70.55	4.01	74.06	4.09
	60	56.47	3.67	59.97	3.80	63.48	3.94	66.01	3.99	70.49	4.06	74.00	4.15
	65	56.42	3.72	59.93	3.85	63.43	3.99	65.96	4.04	70.44	4.12	73.94	4.20
	70	56.38	3.76	59.88	3.90	63.38	4.04	65.91	4.09	70.39	4.17	73.89	4.25
	75	55.02	3.97	58.52	4.11	62.01	4.26	64.53	4.31	68.99	4.39	72.49	4.48
	80	53.67	4.17	57.15	4.32	60.64	4.48	63.15	4.53	67.60	4.62	71.09	4.71
	85	52.32	4.37	55.80	4.53	59.27	4.70	61.78	4.75	66.22	4.84	69.70	4.94
	90	50.98	4.58	54.44	4.74	57.91	4.92	60.42	4.97	64.85	5.07	68.31	5.17
	95	49.52	4.78	52.97	4.95	56.42	5.13	58.00	5.19	62.17	5.19	64.22	5.19
	100	48.93	4.98	52.43	5.16	54.30	5.19	55.44	5.19	59.21	5.19	61.29	5.19
	105	48.35	5.19	50.20	5.19	51.71	5.19	52.95	5.19	56.59	5.19	58.58	5.19
	110	46.03	5.19	47.73	5.19	49.30	5.19	50.73	5.19	54.08	5.19	56.08	5.19
	115	43.84	5.19	45.52	5.19	47.07	5.19	48.69	5.19	51.83	5.19	53.84	5.19
	118	42.61	5.19	44.32	5.19	45.83	5.19	47.54	5.19	50.50	5.19	52.51	5.19
	122	41.27	5.19	42.99	5.19	44.52	5.19	46.16	5.19	49.04	5.19	50.95	5.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 176: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
56	-4	57.02	3.07	60.56	3.19	64.10	3.30	66.66	3.34	71.19	3.40	74.73	3.47
	0	56.99	3.11	60.53	3.22	64.07	3.34	66.63	3.38	71.15	3.44	74.69	3.51
	5	56.94	3.16	60.48	3.27	64.02	3.39	66.57	3.43	71.09	3.49	74.63	3.57
	10	56.90	3.20	60.43	3.32	63.97	3.44	66.52	3.48	71.04	3.55	74.57	3.62
	14	56.86	3.25	60.39	3.37	63.92	3.49	66.47	3.53	70.98	3.60	74.51	3.67
	20	56.81	3.30	60.34	3.42	63.87	3.54	66.42	3.58	70.93	3.65	74.46	3.72
	25	56.77	3.34	60.30	3.47	63.82	3.59	66.37	3.63	70.87	3.70	74.40	3.78
	30	56.73	3.39	60.25	3.51	63.77	3.64	66.32	3.68	70.82	3.75	74.34	3.83
	35	56.68	3.44	60.20	3.56	63.72	3.69	66.27	3.74	70.77	3.81	74.29	3.88
	40	56.64	3.48	60.16	3.61	63.68	3.74	66.22	3.79	70.71	3.86	74.23	3.93
	45	56.60	3.53	60.11	3.66	63.63	3.79	66.17	3.84	70.66	3.91	74.17	3.99
	50	56.55	3.58	60.07	3.71	63.58	3.84	66.11	3.89	70.60	3.96	74.11	4.04
	55	56.51	3.62	60.02	3.76	63.53	3.89	66.06	3.94	70.55	4.01	74.06	4.09
	60	56.47	3.67	59.97	3.80	63.48	3.94	66.01	3.99	70.49	4.06	74.00	4.15
	65	56.42	3.72	59.93	3.85	63.43	3.99	65.96	4.04	70.44	4.12	73.94	4.20
	70	56.38	3.76	59.88	3.90	63.38	4.04	65.91	4.09	70.39	4.17	73.89	4.25
	75	55.02	3.97	58.52	4.11	62.01	4.26	64.53	4.31	68.99	4.39	72.49	4.48
	80	53.67	4.17	57.15	4.32	60.64	4.48	63.15	4.53	67.60	4.62	71.09	4.71
	85	52.32	4.37	55.80	4.53	59.27	4.70	61.78	4.75	66.22	4.84	69.70	4.94
	90	50.98	4.58	54.44	4.74	57.91	4.92	60.42	4.97	64.85	5.07	68.31	5.17
	95	49.52	4.78	52.97	4.95	56.42	5.13	58.00	5.19	62.17	5.19	64.22	5.19
	100	48.93	4.98	52.43	5.16	54.30	5.19	55.44	5.19	59.21	5.19	61.29	5.19
	105	48.35	5.19	50.20	5.19	51.71	5.19	52.95	5.19	56.59	5.19	58.58	5.19
	110	46.03	5.19	47.73	5.19	49.30	5.19	50.73	5.19	54.08	5.19	56.08	5.19
	115	43.84	5.19	45.52	5.19	47.07	5.19	48.69	5.19	51.83	5.19	53.84	5.19
	118	42.61	5.19	44.32	5.19	45.83	5.19	47.54	5.19	50.50	5.19	52.51	5.19
	122	41.27	5.19	42.99	5.19	44.52	5.19	46.16	5.19	49.04	5.19	50.95	5.19
57	-4	57.02	3.07	60.56	3.19	64.10	3.30	66.66	3.34	71.19	3.40	74.73	3.47
	0	56.99	3.11	60.53	3.22	64.07	3.34	66.63	3.38	71.15	3.44	74.69	3.51
	5	56.94	3.16	60.48	3.27	64.02	3.39	66.57	3.43	71.09	3.49	74.63	3.57
	10	56.90	3.20	60.43	3.32	63.97	3.44	66.52	3.48	71.04	3.55	74.57	3.62
	14	56.86	3.25	60.39	3.37	63.92	3.49	66.47	3.53	70.98	3.60	74.51	3.67
	20	56.81	3.30	60.34	3.42	63.87	3.54	66.42	3.58	70.93	3.65	74.46	3.72
	25	56.77	3.34	60.30	3.47	63.82	3.59	66.37	3.63	70.87	3.70	74.40	3.78
	30	56.73	3.39	60.25	3.51	63.77	3.64	66.32	3.68	70.82	3.75	74.34	3.83
	35	56.68	3.44	60.20	3.56	63.72	3.69	66.27	3.74	70.77	3.81	74.29	3.88
	40	56.64	3.48	60.16	3.61	63.68	3.74	66.22	3.79	70.71	3.86	74.23	3.93
	45	56.60	3.53	60.11	3.66	63.63	3.79	66.17	3.84	70.66	3.91	74.17	3.99
	50	56.55	3.58	60.07	3.71	63.58	3.84	66.11	3.89	70.60	3.96	74.11	4.04
	55	56.51	3.62	60.02	3.76	63.53	3.89	66.06	3.94	70.55	4.01	74.06	4.09
	60	56.47	3.67	59.97	3.80	63.48	3.94	66.01	3.99	70.49	4.06	74.00	4.15
	65	56.42	3.72	59.93	3.85	63.43	3.99	65.96	4.04	70.44	4.12	73.94	4.20
	70	56.38	3.76	59.88	3.90	63.38	4.04	65.91	4.09	70.39	4.17	73.89	4.25
	75	55.02	3.97	58.52	4.11	62.01	4.26	64.53	4.31	68.99	4.39	72.49	4.48
	80	53.67	4.17	57.15	4.32	60.64	4.48	63.15	4.53	67.60	4.62	71.09	4.71
	85	52.32	4.37	55.80	4.53	59.27	4.70	61.78	4.75	66.22	4.84	69.70	4.94
	90	50.98	4.58	54.44	4.74	57.91	4.92	60.42	4.97	64.85	5.07	68.31	5.17
	95	49.52	4.78	52.97	4.95	56.42	5.13	58.00	5.19	62.17	5.19	64.22	5.19
	100	48.93	4.98	52.43	5.16	54.30	5.19	55.44	5.19	59.21	5.19	61.29	5.19
	105	48.35	5.19	50.20	5.19	51.71	5.19	52.95	5.19	56.59	5.19	58.58	5.19
	110	46.03	5.19	47.73	5.19	49.30	5.19	50.73	5.19	54.08	5.19	56.08	5.19
	115	43.84	5.19	45.52	5.19	47.07	5.19	48.69	5.19	51.83	5.19	53.84	5.19
	118	42.61	5.19	44.32	5.19	45.83	5.19	47.54	5.19	50.50	5.19	52.51	5.19
	122	41.27	5.19	42.99	5.19	44.52	5.19	46.16	5.19	49.04	5.19	50.95	5.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 177: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
58	-4	57.02	3.07	60.56	3.19	64.10	3.30	66.66	3.34	71.19	3.40	74.73	3.47
	0	56.99	3.11	60.53	3.22	64.07	3.34	66.63	3.38	71.15	3.44	74.69	3.51
	5	56.94	3.16	60.48	3.27	64.02	3.39	66.57	3.43	71.09	3.49	74.63	3.57
	10	56.90	3.20	60.43	3.32	63.97	3.44	66.52	3.48	71.04	3.55	74.57	3.62
	14	56.86	3.25	60.39	3.37	63.92	3.49	66.47	3.53	70.98	3.60	74.51	3.67
	20	56.81	3.30	60.34	3.42	63.87	3.54	66.42	3.58	70.93	3.65	74.46	3.72
	25	56.77	3.34	60.30	3.47	63.82	3.59	66.37	3.63	70.87	3.70	74.40	3.78
	30	56.73	3.39	60.25	3.51	63.77	3.64	66.32	3.68	70.82	3.75	74.34	3.83
	35	56.68	3.44	60.20	3.56	63.72	3.69	66.27	3.74	70.77	3.81	74.29	3.88
	40	56.64	3.48	60.16	3.61	63.68	3.74	66.22	3.79	70.71	3.86	74.23	3.93
	45	56.60	3.53	60.11	3.66	63.63	3.79	66.17	3.84	70.66	3.91	74.17	3.99
	50	56.55	3.58	60.07	3.71	63.58	3.84	66.11	3.89	70.60	3.96	74.11	4.04
	55	56.51	3.62	60.02	3.76	63.53	3.89	66.06	3.94	70.55	4.01	74.06	4.09
	60	56.47	3.67	59.97	3.80	63.48	3.94	66.01	3.99	70.49	4.06	74.00	4.15
	65	56.42	3.72	59.93	3.85	63.43	3.99	65.96	4.04	70.44	4.12	73.94	4.20
	70	56.38	3.76	59.88	3.90	63.38	4.04	65.91	4.09	70.39	4.17	73.89	4.25
	75	55.02	3.97	58.52	4.11	62.01	4.26	64.53	4.31	68.99	4.39	72.49	4.48
	80	53.67	4.17	57.15	4.32	60.64	4.48	63.15	4.53	67.60	4.62	71.09	4.71
	85	52.32	4.37	55.80	4.53	59.27	4.70	61.78	4.75	66.22	4.84	69.70	4.94
	90	50.98	4.58	54.44	4.74	57.91	4.92	60.42	4.97	64.85	5.07	68.31	5.17
	95	49.52	4.78	52.97	4.95	56.42	5.13	58.00	5.19	62.17	5.19	64.22	5.19
	100	48.93	4.98	52.43	5.16	54.30	5.19	55.44	5.19	59.21	5.19	61.29	5.19
	105	48.35	5.19	50.20	5.19	51.71	5.19	52.95	5.19	56.59	5.19	58.58	5.19
	110	46.03	5.19	47.73	5.19	49.30	5.19	50.73	5.19	54.08	5.19	56.08	5.19
59	115	43.84	5.19	45.52	5.19	47.07	5.19	48.69	5.19	51.83	5.19	53.84	5.19
	118	42.61	5.19	44.32	5.19	45.83	5.19	47.54	5.19	50.50	5.19	52.51	5.19
	122	41.27	5.19	42.99	5.19	44.52	5.19	46.16	5.19	49.04	5.19	50.95	5.19
	-4	57.02	3.07	60.56	3.19	64.10	3.30	66.66	3.34	71.19	3.40	74.73	3.47
	0	56.99	3.11	60.53	3.22	64.07	3.34	66.63	3.38	71.15	3.44	74.69	3.51
	5	56.94	3.16	60.48	3.27	64.02	3.39	66.57	3.43	71.09	3.49	74.63	3.57
	10	56.90	3.20	60.43	3.32	63.97	3.44	66.52	3.48	71.04	3.55	74.57	3.62
	14	56.86	3.25	60.39	3.37	63.92	3.49	66.47	3.53	70.98	3.60	74.51	3.67
	20	56.81	3.30	60.34	3.42	63.87	3.54	66.42	3.58	70.93	3.65	74.46	3.72
	25	56.77	3.34	60.30	3.47	63.82	3.59	66.37	3.63	70.87	3.70	74.40	3.78
	30	56.73	3.39	60.25	3.51	63.77	3.64	66.32	3.68	70.82	3.75	74.34	3.83
	35	56.68	3.44	60.20	3.56	63.72	3.69	66.27	3.74	70.77	3.81	74.29	3.88
	40	56.64	3.48	60.16	3.61	63.68	3.74	66.22	3.79	70.71	3.86	74.23	3.93
	45	56.60	3.53	60.11	3.66	63.63	3.79	66.17	3.84	70.66	3.91	74.17	3.99
	50	56.55	3.58	60.07	3.71	63.58	3.84	66.11	3.89	70.60	3.96	74.11	4.04
	55	56.51	3.62	60.02	3.76	63.53	3.89	66.06	3.94	70.55	4.01	74.06	4.09
	60	56.47	3.67	59.97	3.80	63.48	3.94	66.01	3.99	70.49	4.06	74.00	4.15
	65	56.42	3.72	59.93	3.85	63.43	3.99	65.96	4.04	70.44	4.12	73.94	4.20
	70	56.38	3.76	59.88	3.90	63.38	4.04	65.91	4.09	70.39	4.17	73.89	4.25
	75	55.02	3.97	58.52	4.11	62.01	4.26	64.53	4.31	68.99	4.39	72.49	4.48
	80	53.67	4.17	57.15	4.32	60.64	4.48	63.15	4.53	67.60	4.62	71.09	4.71
	85	52.32	4.37	55.80	4.53	59.27	4.70	61.78	4.75	66.22	4.84	69.70	4.94
	90	50.98	4.58	54.44	4.74	57.91	4.92	60.42	4.97	64.85	5.07	68.31	5.17
	95	49.52	4.78	52.97	4.95	56.42	5.13	58.00	5.19	62.17	5.19	64.22	5.19
	100	48.93	4.98	52.43	5.16	54.30	5.19	55.44	5.19	59.21	5.19	61.29	5.19
	105	48.35	5.19	50.20	5.19	51.71	5.19	52.95	5.19	56.59	5.19	58.58	5.19
	110	46.03	5.19	47.73	5.19	49.30	5.19	50.73	5.19	54.08	5.19	56.08	5.19
	115	43.84	5.19	45.52	5.19	47.07	5.19	48.69	5.19	51.83	5.19	53.84	5.19
	118	42.61	5.19	44.32	5.19	45.83	5.19	47.54	5.19	50.50	5.19	52.51	5.19
	122	41.27	5.19	42.99	5.19	44.52	5.19	46.16	5.19	49.04	5.19	50.95	5.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 178: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	-4	57.02	3.07	60.56	3.19	64.10	3.30	66.66	3.34	71.19	3.40	74.73	3.47
	0	56.99	3.11	60.53	3.22	64.07	3.34	66.63	3.38	71.15	3.44	74.69	3.51
	5	56.94	3.16	60.48	3.27	64.02	3.39	66.57	3.43	71.09	3.49	74.63	3.57
	10	56.90	3.20	60.43	3.32	63.97	3.44	66.52	3.48	71.04	3.55	74.57	3.62
	14	56.86	3.25	60.39	3.37	63.92	3.49	66.47	3.53	70.98	3.60	74.51	3.67
	20	56.81	3.30	60.34	3.42	63.87	3.54	66.42	3.58	70.93	3.65	74.46	3.72
	25	56.77	3.34	60.30	3.47	63.82	3.59	66.37	3.63	70.87	3.70	74.40	3.78
	30	56.73	3.39	60.25	3.51	63.77	3.64	66.32	3.68	70.82	3.75	74.34	3.83
	35	56.68	3.44	60.20	3.56	63.72	3.69	66.27	3.74	70.77	3.81	74.29	3.88
	40	56.64	3.48	60.16	3.61	63.68	3.74	66.22	3.79	70.71	3.86	74.23	3.93
	45	56.60	3.53	60.11	3.66	63.63	3.79	66.17	3.84	70.66	3.91	74.17	3.99
	50	56.55	3.58	60.07	3.71	63.58	3.84	66.11	3.89	70.60	3.96	74.11	4.04
	55	56.51	3.62	60.02	3.76	63.53	3.89	66.06	3.94	70.55	4.01	74.06	4.09
	60	56.47	3.67	59.97	3.80	63.48	3.94	66.01	3.99	70.49	4.06	74.00	4.15
	65	56.42	3.72	59.93	3.85	63.43	3.99	65.96	4.04	70.44	4.12	73.94	4.20
	70	56.38	3.76	59.88	3.90	63.38	4.04	65.91	4.09	70.39	4.17	73.89	4.25
	75	55.02	3.97	58.52	4.11	62.01	4.26	64.53	4.31	68.99	4.39	72.49	4.48
	80	53.67	4.17	57.15	4.32	60.64	4.48	63.15	4.53	67.60	4.62	71.09	4.71
	85	52.32	4.37	55.80	4.53	59.27	4.70	61.78	4.75	66.22	4.84	69.70	4.94
	90	50.98	4.58	54.44	4.74	57.91	4.92	60.42	4.97	64.85	5.07	68.31	5.17
	95	49.52	4.78	52.97	4.95	56.42	5.13	58.00	5.19	62.17	5.19	64.22	5.19
	100	48.93	4.98	52.43	5.16	54.30	5.19	55.44	5.19	59.21	5.19	61.29	5.19
	105	48.35	5.19	50.20	5.19	51.71	5.19	52.95	5.19	56.59	5.19	58.58	5.19
	110	46.03	5.19	47.73	5.19	49.30	5.19	50.73	5.19	54.08	5.19	56.08	5.19
	115	43.84	5.19	45.52	5.19	47.07	5.19	48.69	5.19	51.83	5.19	53.84	5.19
	118	42.61	5.19	44.32	5.19	45.83	5.19	47.54	5.19	50.50	5.19	52.51	5.19
	122	41.27	5.19	42.99	5.19	44.52	5.19	46.16	5.19	49.04	5.19	50.95	5.19
61	-4	57.02	3.07	60.56	3.19	64.10	3.30	66.66	3.34	71.19	3.40	74.73	3.47
	0	56.99	3.11	60.53	3.22	64.07	3.34	66.63	3.38	71.15	3.44	74.69	3.51
	5	56.94	3.16	60.48	3.27	64.02	3.39	66.57	3.43	71.09	3.49	74.63	3.57
	10	56.90	3.20	60.43	3.32	63.97	3.44	66.52	3.48	71.04	3.55	74.57	3.62
	14	56.86	3.25	60.39	3.37	63.92	3.49	66.47	3.53	70.98	3.60	74.51	3.67
	20	56.81	3.30	60.34	3.42	63.87	3.54	66.42	3.58	70.93	3.65	74.46	3.72
	25	56.77	3.34	60.30	3.47	63.82	3.59	66.37	3.63	70.87	3.70	74.40	3.78
	30	56.73	3.39	60.25	3.51	63.77	3.64	66.32	3.68	70.82	3.75	74.34	3.83
	35	56.68	3.44	60.20	3.56	63.72	3.69	66.27	3.74	70.77	3.81	74.29	3.88
	40	56.64	3.48	60.16	3.61	63.68	3.74	66.22	3.79	70.71	3.86	74.23	3.93
	45	56.60	3.53	60.11	3.66	63.63	3.79	66.17	3.84	70.66	3.91	74.17	3.99
	50	56.55	3.58	60.07	3.71	63.58	3.84	66.11	3.89	70.60	3.96	74.11	4.04
	55	56.51	3.62	60.02	3.76	63.53	3.89	66.06	3.94	70.55	4.01	74.06	4.09
	60	56.47	3.67	59.97	3.80	63.48	3.94	66.01	3.99	70.49	4.06	74.00	4.15
	65	56.42	3.72	59.93	3.85	63.43	3.99	65.96	4.04	70.44	4.12	73.94	4.20
	70	56.38	3.76	59.88	3.90	63.38	4.04	65.91	4.09	70.39	4.17	73.89	4.25
	75	55.02	3.97	58.52	4.11	62.01	4.26	64.53	4.31	68.99	4.39	72.49	4.48
	80	53.67	4.17	57.15	4.32	60.64	4.48	63.15	4.53	67.60	4.62	71.09	4.71
	85	52.32	4.37	55.80	4.53	59.27	4.70	61.78	4.75	66.22	4.84	69.70	4.94
	90	50.98	4.58	54.44	4.74	57.91	4.92	60.42	4.97	64.85	5.07	68.31	5.17
	95	49.52	4.78	52.97	4.95	56.42	5.13	58.00	5.19	62.17	5.19	64.22	5.19
	100	48.93	4.98	52.43	5.16	54.30	5.19	55.44	5.19	59.21	5.19	61.29	5.19
	105	48.35	5.19	50.20	5.19	51.71	5.19	52.95	5.19	56.59	5.19	58.58	5.19
	110	46.03	5.19	47.73	5.19	49.30	5.19	50.73	5.19	54.08	5.19	56.08	5.19
	115	43.84	5.19	45.52	5.19	47.07	5.19	48.69	5.19	51.83	5.19	53.84	5.19
	118	42.61	5.19	44.32	5.19	45.83	5.19	47.54	5.19	50.50	5.19	52.51	5.19
	122	41.27	5.19	42.99	5.19	44.52	5.19	46.16	5.19	49.04	5.19	50.95	5.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F MAX KUMXA481A

Maximum Cooling Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 179: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
62	-4	57.02	3.07	60.56	3.19	64.10	3.30	66.66	3.34	71.19	3.40	74.73	3.47
	0	56.99	3.11	60.53	3.22	64.07	3.34	66.63	3.38	71.15	3.44	74.69	3.51
	5	56.94	3.16	60.48	3.27	64.02	3.39	66.57	3.43	71.09	3.49	74.63	3.57
	10	56.90	3.20	60.43	3.32	63.97	3.44	66.52	3.48	71.04	3.55	74.57	3.62
	14	56.86	3.25	60.39	3.37	63.92	3.49	66.47	3.53	70.98	3.60	74.51	3.67
	20	56.81	3.30	60.34	3.42	63.87	3.54	66.42	3.58	70.93	3.65	74.46	3.72
	25	56.77	3.34	60.30	3.47	63.82	3.59	66.37	3.63	70.87	3.70	74.40	3.78
	30	56.73	3.39	60.25	3.51	63.77	3.64	66.32	3.68	70.82	3.75	74.34	3.83
	35	56.68	3.44	60.20	3.56	63.72	3.69	66.27	3.74	70.77	3.81	74.29	3.88
	40	56.64	3.48	60.16	3.61	63.68	3.74	66.22	3.79	70.71	3.86	74.23	3.93
	45	56.60	3.53	60.11	3.66	63.63	3.79	66.17	3.84	70.66	3.91	74.17	3.99
	50	56.55	3.58	60.07	3.71	63.58	3.84	66.11	3.89	70.60	3.96	74.11	4.04
	55	56.51	3.62	60.02	3.76	63.53	3.89	66.06	3.94	70.55	4.01	74.06	4.09
	60	56.47	3.67	59.97	3.80	63.48	3.94	66.01	3.99	70.49	4.06	74.00	4.15
	65	56.42	3.72	59.93	3.85	63.43	3.99	65.96	4.04	70.44	4.12	73.94	4.20
	70	56.38	3.76	59.88	3.90	63.38	4.04	65.91	4.09	70.39	4.17	73.89	4.25
	75	55.02	3.97	58.52	4.11	62.01	4.26	64.53	4.31	68.99	4.39	72.49	4.48
	80	53.67	4.17	57.15	4.32	60.64	4.48	63.15	4.53	67.60	4.62	71.09	4.71
	85	52.32	4.37	55.80	4.53	59.27	4.70	61.78	4.75	66.22	4.84	69.70	4.94
	90	50.98	4.58	54.44	4.74	57.91	4.92	60.42	4.97	64.85	5.07	68.31	5.17
	95	49.52	4.78	52.97	4.95	56.42	5.13	58.00	5.19	62.17	5.19	64.22	5.19
	100	48.93	4.98	52.43	5.16	54.30	5.19	55.44	5.19	59.21	5.19	61.29	5.19
	105	48.35	5.19	50.20	5.19	51.71	5.19	52.95	5.19	56.59	5.19	58.58	5.19
	110	46.03	5.19	47.73	5.19	49.30	5.19	50.73	5.19	54.08	5.19	56.08	5.19
	115	43.84	5.19	45.52	5.19	47.07	5.19	48.69	5.19	51.83	5.19	53.84	5.19
	118	42.61	5.19	44.32	5.19	45.83	5.19	47.54	5.19	50.50	5.19	52.51	5.19
	122	41.27	5.19	42.99	5.19	44.52	5.19	46.16	5.19	49.04	5.19	50.95	5.19
63	-4	57.02	3.07	60.56	3.19	64.10	3.30	66.66	3.34	71.19	3.40	74.73	3.47
	0	56.99	3.11	60.53	3.22	64.07	3.34	66.63	3.38	71.15	3.44	74.69	3.51
	5	56.94	3.16	60.48	3.27	64.02	3.39	66.57	3.43	71.09	3.49	74.63	3.57
	10	56.90	3.20	60.43	3.32	63.97	3.44	66.52	3.48	71.04	3.55	74.57	3.62
	14	56.86	3.25	60.39	3.37	63.92	3.49	66.47	3.53	70.98	3.60	74.51	3.67
	20	56.81	3.30	60.34	3.42	63.87	3.54	66.42	3.58	70.93	3.65	74.46	3.72
	25	56.77	3.34	60.30	3.47	63.82	3.59	66.37	3.63	70.87	3.70	74.40	3.78
	30	56.73	3.39	60.25	3.51	63.77	3.64	66.32	3.68	70.82	3.75	74.34	3.83
	35	56.68	3.44	60.20	3.56	63.72	3.69	66.27	3.74	70.77	3.81	74.29	3.88
	40	56.64	3.48	60.16	3.61	63.68	3.74	66.22	3.79	70.71	3.86	74.23	3.93
	45	56.60	3.53	60.11	3.66	63.63	3.79	66.17	3.84	70.66	3.91	74.17	3.99
	50	56.55	3.58	60.07	3.71	63.58	3.84	66.11	3.89	70.60	3.96	74.11	4.04
	55	56.51	3.62	60.02	3.76	63.53	3.89	66.06	3.94	70.55	4.01	74.06	4.09
	60	56.47	3.67	59.97	3.80	63.48	3.94	66.01	3.99	70.49	4.06	74.00	4.15
	65	56.42	3.72	59.93	3.85	63.43	3.99	65.96	4.04	70.44	4.12	73.94	4.20
	70	56.38	3.76	59.88	3.90	63.38	4.04	65.91	4.09	70.39	4.17	73.89	4.25
	75	55.02	3.97	58.52	4.11	62.01	4.26	64.53	4.31	68.99	4.39	72.49	4.48
	80	53.67	4.17	57.15	4.32	60.64	4.48	63.15	4.53	67.60	4.62	71.09	4.71
	85	52.32	4.37	55.80	4.53	59.27	4.70	61.78	4.75	66.22	4.84	69.70	4.94
	90	50.98	4.58	54.44	4.74	57.91	4.92	60.42	4.97	64.85	5.07	68.31	5.17
	95	49.52	4.78	52.97	4.95	56.42	5.13	58.00	5.19	62.17	5.19	64.22	5.19
	100	48.93	4.98	52.43	5.16	54.30	5.19	55.44	5.19	59.21	5.19	61.29	5.19
	105	48.35	5.19	50.20	5.19	51.71	5.19	52.95	5.19	56.59	5.19	58.58	5.19
	110	46.03	5.19	47.73	5.19	49.30	5.19	50.73	5.19	54.08	5.19	56.08	5.19
	115	43.84	5.19	45.52	5.19	47.07	5.19	48.69	5.19	51.83	5.19	53.84	5.19
	118	42.61	5.19	44.32	5.19	45.83	5.19	47.54	5.19	50.50	5.19	52.51	5.19
	122	41.27	5.19	42.99	5.19	44.52	5.19	46.16	5.19	49.04	5.19	50.95	5.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

Table 180: KUMXA481A Maximum Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.: °F DB	Indoor Air Temp.: °F DB / WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
64	-4	57.02	3.07	60.56	3.19	64.10	3.30	66.66	3.34	71.19	3.40	74.73	3.47
	0	56.99	3.11	60.53	3.22	64.07	3.34	66.63	3.38	71.15	3.44	74.69	3.51
	5	56.94	3.16	60.48	3.27	64.02	3.39	66.57	3.43	71.09	3.49	74.63	3.57
	10	56.90	3.20	60.43	3.32	63.97	3.44	66.52	3.48	71.04	3.55	74.57	3.62
	14	56.86	3.25	60.39	3.37	63.92	3.49	66.47	3.53	70.98	3.60	74.51	3.67
	20	56.81	3.30	60.34	3.42	63.87	3.54	66.42	3.58	70.93	3.65	74.46	3.72
	25	56.77	3.34	60.30	3.47	63.82	3.59	66.37	3.63	70.87	3.70	74.40	3.78
	30	56.73	3.39	60.25	3.51	63.77	3.64	66.32	3.68	70.82	3.75	74.34	3.83
	35	56.68	3.44	60.20	3.56	63.72	3.69	66.27	3.74	70.77	3.81	74.29	3.88
	40	56.64	3.48	60.16	3.61	63.68	3.74	66.22	3.79	70.71	3.86	74.23	3.93
	45	56.60	3.53	60.11	3.66	63.63	3.79	66.17	3.84	70.66	3.91	74.17	3.99
	50	56.55	3.58	60.07	3.71	63.58	3.84	66.11	3.89	70.60	3.96	74.11	4.04
	55	56.51	3.62	60.02	3.76	63.53	3.89	66.06	3.94	70.55	4.01	74.06	4.09
	60	56.47	3.67	59.97	3.80	63.48	3.94	66.01	3.99	70.49	4.06	74.00	4.15
	65	56.42	3.72	59.93	3.85	63.43	3.99	65.96	4.04	70.44	4.12	73.94	4.20
	70	56.38	3.76	59.88	3.90	63.38	4.04	65.91	4.09	70.39	4.17	73.89	4.25
	75	55.02	3.97	58.52	4.11	62.01	4.26	64.53	4.31	68.99	4.39	72.49	4.48
	80	53.67	4.17	57.15	4.32	60.64	4.48	63.15	4.53	67.60	4.62	71.09	4.71
	85	52.32	4.37	55.80	4.53	59.27	4.70	61.78	4.75	66.22	4.84	69.70	4.94
	90	50.98	4.58	54.44	4.74	57.91	4.92	60.42	4.97	64.85	5.07	68.31	5.17
	95	49.52	4.78	52.97	4.95	56.42	5.13	58.00	5.19	62.17	5.19	64.22	5.19
	100	48.93	4.98	52.43	5.16	54.30	5.19	55.44	5.19	59.21	5.19	61.29	5.19
	105	48.35	5.19	50.20	5.19	51.71	5.19	52.95	5.19	56.59	5.19	58.58	5.19
	110	46.03	5.19	47.73	5.19	49.30	5.19	50.73	5.19	54.08	5.19	56.08	5.19
65	115	43.84	5.19	45.52	5.19	47.07	5.19	48.69	5.19	51.83	5.19	53.84	5.19
	118	42.61	5.19	44.32	5.19	45.83	5.19	47.54	5.19	50.50	5.19	52.51	5.19
	122	41.27	5.19	42.99	5.19	44.52	5.19	46.16	5.19	49.04	5.19	50.95	5.19
	-4	57.02	3.07	60.56	3.19	64.10	3.30	66.66	3.34	71.19	3.40	74.73	3.47
	0	56.99	3.11	60.53	3.22	64.07	3.34	66.63	3.38	71.15	3.44	74.69	3.51
	5	56.94	3.16	60.48	3.27	64.02	3.39	66.57	3.43	71.09	3.49	74.63	3.57
	10	56.90	3.20	60.43	3.32	63.97	3.44	66.52	3.48	71.04	3.55	74.57	3.62
	14	56.86	3.25	60.39	3.37	63.92	3.49	66.47	3.53	70.98	3.60	74.51	3.67
	20	56.81	3.30	60.34	3.42	63.87	3.54	66.42	3.58	70.93	3.65	74.46	3.72
	25	56.77	3.34	60.30	3.47	63.82	3.59	66.37	3.63	70.87	3.70	74.40	3.78
	30	56.73	3.39	60.25	3.51	63.77	3.64	66.32	3.68	70.82	3.75	74.34	3.83
	35	56.68	3.44	60.20	3.56	63.72	3.69	66.27	3.74	70.77	3.81	74.29	3.88
	40	56.64	3.48	60.16	3.61	63.68	3.74	66.22	3.79	70.71	3.86	74.23	3.93
	45	56.60	3.53	60.11	3.66	63.63	3.79	66.17	3.84	70.66	3.91	74.17	3.99
	50	56.55	3.58	60.07	3.71	63.58	3.84	66.11	3.89	70.60	3.96	74.11	4.04
	55	56.51	3.62	60.02	3.76	63.53	3.89	66.06	3.94	70.55	4.01	74.06	4.09
	60	56.47	3.67	59.97	3.80	63.48	3.94	66.01	3.99	70.49	4.06	74.00	4.15
	65	56.42	3.72	59.93	3.85	63.43	3.99	65.96	4.04	70.44	4.12	73.94	4.20
	70	56.38	3.76	59.88	3.90	63.38	4.04	65.91	4.09	70.39	4.17	73.89	4.25
	75	55.02	3.97	58.52	4.11	62.01	4.26	64.53	4.31	68.99	4.39	72.49	4.48
	80	53.67	4.17	57.15	4.32	60.64	4.48	63.15	4.53	67.60	4.62	71.09	4.71
	85	52.32	4.37	55.80	4.53	59.27	4.70	61.78	4.75	66.22	4.84	69.70	4.94
	90	50.98	4.58	54.44	4.74	57.91	4.92	60.42	4.97	64.85	5.07	68.31	5.17
	95	49.52	4.78	52.97	4.95	56.42	5.13	58.00	5.19	62.17	5.19	64.22	5.19
	100	48.93	4.98	52.43	5.16	54.30	5.19	55.44	5.19	59.21	5.19	61.29	5.19
	105	48.35	5.19	50.20	5.19	51.71	5.19	52.95	5.19	56.59	5.19	58.58	5.19
	110	46.03	5.19	47.73	5.19	49.30	5.19	50.73	5.19	54.08	5.19	56.08	5.19
	115	43.84	5.19	45.52	5.19	47.07	5.19	48.69	5.19	51.83	5.19	53.84	5.19
	118	42.61	5.19	44.32	5.19	45.83	5.19	47.54	5.19	50.50	5.19	52.51	5.19
	122	41.27	5.19	42.98	5.19	44.52	5.19	46.16	5.19	49.10	5.19	50.95	5.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Cooling operation range with Low Ambient Wind Baffle Kit (sold separately) is -4°F to +118°F.

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running continuously.

MULTI F WITH LGRED HEATING CAPACITY TABLES

Multi F KUMXA181A on page 569

Multi F KUMXA241A on page 575

Multi F KUMXA301A on page 595

Table 1: KUMXA181A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7+7	-13	-13.4	7.23	0.89	7.07	0.92	6.87	0.95	6.76	0.97	6.67	0.98	6.43	1.01
		-4	-4.4	8.78	1.01	8.59	1.05	8.34	1.08	8.20	1.10	8.10	1.11	7.80	1.15
		0	-0.4	9.48	1.06	9.27	1.10	9.00	1.13	8.86	1.15	8.74	1.17	8.42	1.21
		5	4.5	10.35	1.13	10.12	1.16	9.83	1.20	9.67	1.22	9.54	1.24	9.20	1.28
		10	9	10.87	1.14	10.62	1.18	10.32	1.22	10.15	1.24	10.02	1.26	9.65	1.29
		17	15	11.55	1.15	11.29	1.19	10.97	1.23	10.79	1.25	10.65	1.27	10.26	1.31
		20	19	12.51	1.18	12.23	1.22	11.88	1.26	11.69	1.28	11.53	1.29	11.12	1.33
		25	23	13.47	1.20	13.17	1.24	12.80	1.28	12.59	1.30	12.42	1.32	11.97	1.36
		30	28	14.68	1.23	14.35	1.27	13.94	1.31	13.71	1.33	13.53	1.35	13.04	1.39
		35	32	15.64	1.25	15.29	1.30	14.85	1.34	14.61	1.36	14.42	1.38	13.89	1.42
		40	36	16.60	1.28	16.23	1.32	15.77	1.36	15.51	1.39	15.30	1.40	14.75	1.45
		45	41	17.80	1.31	17.40	1.35	16.91	1.39	16.63	1.42	16.41	1.44	15.81	1.48
		47	43	18.28	1.32	17.87	1.36	17.36	1.41	17.08	1.43	16.85	1.45	16.24	1.49
		50	46	18.34	1.31	17.97	1.35	17.52	1.39	17.27	1.41	17.07	1.43	16.49	1.46
		55	51	18.43	1.30	18.12	1.33	17.79	1.36	17.58	1.38	17.42	1.39	16.90	1.42
		60	56	18.52	1.28	18.27	1.31	18.05	1.33	17.90	1.34	17.77	1.35	17.32	1.37
		63	59	18.57	1.27	18.37	1.29	18.21	1.31	18.08	1.32	17.98	1.33	17.57	1.34
		68	64	18.62	1.27	18.46	1.28	18.37	1.30	18.27	1.30	18.20	1.30	17.82	1.31
	7+9	-13	-13.4	8.27	1.00	8.08	1.04	7.85	1.07	7.72	1.09	7.62	1.10	7.34	1.14
		-4	-4.4	10.04	1.14	9.81	1.18	9.53	1.22	9.38	1.24	9.25	1.26	8.92	1.29
		0	-0.4	10.84	1.20	10.59	1.24	10.29	1.28	10.12	1.30	9.99	1.32	9.63	1.36
		5	4.5	11.83	1.27	11.57	1.31	11.24	1.35	11.06	1.38	10.91	1.39	10.51	1.44
		10	9	12.42	1.29	12.14	1.33	11.80	1.37	11.60	1.40	11.45	1.41	11.03	1.46
		17	15	13.20	1.30	12.91	1.34	12.54	1.39	12.33	1.41	12.17	1.43	11.73	1.47
		20	19	14.30	1.33	13.98	1.37	13.58	1.41	13.36	1.44	13.18	1.46	12.70	1.50
		25	23	15.40	1.35	15.06	1.40	14.63	1.44	14.39	1.47	14.20	1.49	13.68	1.53
		30	28	16.77	1.39	16.40	1.43	15.93	1.48	15.67	1.50	15.46	1.52	14.90	1.57
		35	32	17.87	1.41	17.47	1.46	16.97	1.51	16.70	1.53	16.47	1.55	15.88	1.60
		40	36	18.97	1.44	18.55	1.49	18.02	1.53	17.72	1.56	17.49	1.58	16.85	1.63
		45	41	20.35	1.47	19.89	1.52	19.32	1.57	19.01	1.60	18.75	1.62	18.07	1.67
		47	43	20.89	1.48	20.43	1.53	19.84	1.58	19.52	1.61	19.26	1.63	18.56	1.68
		50	46	20.96	1.48	20.53	1.52	20.03	1.56	19.74	1.59	19.50	1.61	18.84	1.65
		55	51	21.06	1.46	20.71	1.50	20.33	1.53	20.09	1.55	19.91	1.56	19.32	1.60
		60	56	21.16	1.44	20.89	1.47	20.63	1.50	20.45	1.51	20.31	1.52	19.79	1.54
		63	59	21.22	1.43	20.99	1.46	20.81	1.48	20.67	1.49	20.55	1.49	20.08	1.51
		68	64	21.28	1.43	21.10	1.44	20.99	1.46	20.88	1.46	20.80	1.47	20.36	1.48
	9+9	-13	-13.4	9.32	1.11	9.11	1.15	8.85	1.19	8.70	1.21	8.59	1.23	8.28	1.26
		-4	-4.4	11.31	1.27	11.06	1.31	10.74	1.35	10.57	1.38	10.43	1.40	10.05	1.44
		0	-0.4	12.21	1.33	11.94	1.38	11.60	1.42	11.41	1.45	11.26	1.46	10.85	1.51
		5	4.5	13.34	1.41	13.04	1.46	12.67	1.50	12.46	1.53	12.29	1.55	11.85	1.60
		10	9	14.00	1.43	13.69	1.48	13.29	1.53	13.08	1.55	12.90	1.57	12.43	1.62
		17	15	14.88	1.44	14.55	1.49	14.13	1.54	13.90	1.57	13.72	1.59	13.22	1.64
		20	19	16.12	1.47	15.76	1.52	15.31	1.57	15.06	1.60	14.86	1.62	14.32	1.67
		25	23	17.36	1.50	16.97	1.55	16.48	1.60	16.21	1.63	16.00	1.65	15.42	1.70
		30	28	18.90	1.54	18.48	1.59	17.95	1.64	17.66	1.67	17.43	1.69	16.79	1.74
		35	32	20.14	1.57	19.69	1.62	19.13	1.67	18.82	1.70	18.57	1.73	17.89	1.78
		40	36	21.38	1.60	20.90	1.65	20.31	1.70	19.98	1.73	19.71	1.76	18.99	1.81
		45	41	22.93	1.64	22.42	1.69	21.78	1.74	21.42	1.77	21.14	1.80	20.37	1.85
		47	43	23.55	1.65	23.02	1.71	22.37	1.76	22.00	1.79	21.71	1.81	20.92	1.87
		50	46	23.62	1.64	23.14	1.69	22.57	1.74	22.24	1.76	21.98	1.79	21.24	1.83
		55	51	23.73	1.62	23.34	1.66	22.91	1.70	22.65	1.72	22.44	1.74	21.77	1.77
		60	56	23.85	1.61	23.54	1.64	23.25	1.67	23.05	1.68	22.89	1.69	22.31	1.72
		63	59	23.92	1.60	23.66	1.62	23.45	1.65	23.29	1.65	23.16	1.66	22.63	1.68
		68	64	23.99	1.58	23.78	1.61	23.66	1.62	23.54	1.63	23.44	1.63	22.95	1.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA181A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 2: KUMXA181A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7+12	-13	-13.4	9.32	1.11	9.11	1.15	8.85	1.19	8.70	1.21	8.59	1.23	8.28	1.26
		-4	-4.4	11.31	1.27	11.06	1.31	10.74	1.35	10.57	1.38	10.43	1.40	10.05	1.44
		0	-0.4	12.21	1.33	11.94	1.38	11.60	1.42	11.41	1.45	11.26	1.46	10.85	1.51
		5	4.5	13.34	1.41	13.04	1.46	12.67	1.50	12.46	1.53	12.29	1.55	11.85	1.60
		10	9	14.00	1.43	13.69	1.48	13.29	1.53	13.08	1.55	12.90	1.57	12.43	1.62
		17	15	14.88	1.44	14.55	1.49	14.13	1.54	13.90	1.57	13.72	1.59	13.22	1.64
		20	19	16.12	1.47	15.76	1.52	15.31	1.57	15.06	1.60	14.86	1.62	14.32	1.67
		25	23	17.36	1.50	16.97	1.55	16.48	1.60	16.21	1.63	16.00	1.65	15.42	1.70
		30	28	18.90	1.54	18.48	1.59	17.95	1.64	17.66	1.67	17.43	1.69	16.79	1.74
		35	32	20.14	1.57	19.69	1.62	19.13	1.67	18.82	1.70	18.57	1.73	17.89	1.78
		40	36	21.38	1.60	20.90	1.65	20.31	1.70	19.98	1.73	19.71	1.76	18.99	1.81
		45	41	22.93	1.64	22.42	1.69	21.78	1.74	21.42	1.77	21.14	1.80	20.37	1.85
		47	43	23.55	1.65	23.02	1.71	22.37	1.76	22.00	1.79	21.71	1.81	20.92	1.87
		50	46	23.62	1.64	23.14	1.69	22.57	1.74	22.24	1.76	21.98	1.79	21.24	1.83
		55	51	23.73	1.62	23.34	1.66	22.91	1.70	22.65	1.72	22.44	1.74	21.77	1.77
	9+12	60	56	23.85	1.61	23.54	1.64	23.25	1.67	23.05	1.68	22.89	1.69	22.31	1.72
		63	59	23.92	1.60	23.66	1.62	23.45	1.65	23.29	1.65	23.16	1.66	22.63	1.68
		68	64	23.99	1.58	23.78	1.61	23.66	1.62	23.54	1.63	23.44	1.63	22.95	1.65
		-13	-13.4	9.32	1.11	9.11	1.15	8.85	1.19	8.70	1.21	8.59	1.23	8.28	1.26
		-4	-4.4	11.31	1.27	11.06	1.31	10.74	1.35	10.57	1.38	10.43	1.40	10.05	1.44
		0	-0.4	12.21	1.33	11.94	1.38	11.60	1.42	11.41	1.45	11.26	1.46	10.85	1.51
		5	4.5	13.34	1.41	13.04	1.46	12.67	1.50	12.46	1.53	12.29	1.55	11.85	1.60
		10	9	14.00	1.43	13.69	1.48	13.29	1.53	13.08	1.55	12.90	1.57	12.43	1.62
		17	15	14.88	1.44	14.55	1.49	14.13	1.54	13.90	1.57	13.72	1.59	13.22	1.64
		20	19	16.12	1.47	15.76	1.52	15.31	1.57	15.06	1.60	14.86	1.62	14.32	1.67
		25	23	17.36	1.50	16.97	1.55	16.48	1.60	16.21	1.63	16.00	1.65	15.42	1.70
		30	28	18.90	1.54	18.48	1.59	17.95	1.64	17.66	1.67	17.43	1.69	16.79	1.74
		35	32	20.14	1.57	19.69	1.62	19.13	1.67	18.82	1.70	18.57	1.73	17.89	1.78
		40	36	21.38	1.60	20.90	1.65	20.31	1.70	19.98	1.73	19.71	1.76	18.99	1.81
		45	41	22.93	1.64	22.42	1.69	21.78	1.74	21.42	1.77	21.14	1.80	20.37	1.85
		47	43	23.55	1.65	23.02	1.71	22.37	1.76	22.00	1.79	21.71	1.81	20.92	1.87
	7+15	50	46	23.62	1.64	23.14	1.69	22.57	1.74	22.24	1.76	21.98	1.79	21.24	1.83
		55	51	23.73	1.62	23.34	1.66	22.91	1.70	22.65	1.72	22.44	1.74	21.77	1.77
		60	56	23.85	1.61	23.54	1.64	23.25	1.67	23.05	1.68	22.89	1.69	22.31	1.72
		63	59	23.92	1.60	23.66	1.62	23.45	1.65	23.29	1.65	23.16	1.66	22.63	1.68
		68	64	23.99	1.58	23.78	1.61	23.66	1.62	23.54	1.63	23.44	1.63	22.95	1.65
		-13	-13.4	9.32	1.11	9.11	1.15	8.85	1.19	8.70	1.21	8.59	1.23	8.28	1.26
		-4	-4.4	11.31	1.27	11.06	1.31	10.74	1.35	10.57	1.38	10.43	1.40	10.05	1.44
		0	-0.4	12.21	1.33	11.94	1.38	11.60	1.42	11.41	1.45	11.26	1.46	10.85	1.51
		5	4.5	13.34	1.41	13.04	1.46	12.67	1.50	12.46	1.53	12.29	1.55	11.85	1.60
		10	9	14.00	1.43	13.69	1.48	13.29	1.53	13.08	1.55	12.90	1.57	12.43	1.62
		17	15	14.88	1.44	14.55	1.49	14.13	1.54	13.90	1.57	13.72	1.59	13.22	1.64
		20	19	16.12	1.47	15.76	1.52	15.31	1.57	15.06	1.60	14.86	1.62	14.32	1.67
		25	23	17.36	1.50	16.97	1.55	16.48	1.60	16.21	1.63	16.00	1.65	15.42	1.70
		30	28	18.90	1.54	18.48	1.59	17.95	1.64	17.66	1.67	17.43	1.69	16.79	1.74
		35	32	20.14	1.57	19.69	1.62	19.13	1.67	18.82	1.70	18.57	1.73	17.89	1.78
		40	36	21.38	1.60	20.90	1.65	20.31	1.70	19.98	1.73	19.71	1.76	18.99	1.81
		45	41	22.93	1.64	22.42	1.69	21.78	1.74	21.42	1.77	21.14	1.80	20.37	1.85
		47	43	23.55	1.65	23.02	1.71	22.37	1.76	22.00	1.79	21.71	1.81	20.92	1.87
		50	46	23.62	1.64	23.14	1.69	22.57	1.74	22.24	1.76	21.98	1.79	21.24	1.83
		55	51	23.73	1.62	23.34	1.66	22.91	1.70	22.65	1.72	22.44	1.74	21.77	1.77
		60	56	23.85	1.61	23.54	1.64	23.25	1.67	23.05	1.68	22.89	1.69	22.31	1.72
		63	59	23.92	1.60	23.66	1.62	23.45	1.65	23.29	1.65	23.16	1.66	22.63	1.68
		68	64	23.99	1.58	23.78	1.61	23.66	1.62	23.54	1.63	23.44	1.63	22.95	1.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 3: KUMXA181A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9+15	-13	-13.4	9.32	1.11	9.11	1.15	8.85	1.19	8.70	1.21	8.59	1.23	8.28	1.26
		-4	-4.4	11.31	1.27	11.06	1.31	10.74	1.35	10.57	1.38	10.43	1.40	10.05	1.44
		0	-0.4	12.21	1.33	11.94	1.38	11.60	1.42	11.41	1.45	11.26	1.46	10.85	1.51
		5	4.5	13.34	1.41	13.04	1.46	12.67	1.50	12.46	1.53	12.29	1.55	11.85	1.60
		10	9	14.00	1.43	13.69	1.48	13.29	1.53	13.08	1.55	12.90	1.57	12.43	1.62
		17	15	14.88	1.44	14.55	1.49	14.13	1.54	13.90	1.57	13.72	1.59	13.22	1.64
		20	19	16.12	1.47	15.76	1.52	15.31	1.57	15.06	1.60	14.86	1.62	14.32	1.67
		25	23	17.36	1.50	16.97	1.55	16.48	1.60	16.21	1.63	16.00	1.65	15.42	1.70
		30	28	18.90	1.54	18.48	1.59	17.95	1.64	17.66	1.67	17.43	1.69	16.79	1.74
		35	32	20.14	1.57	19.69	1.62	19.13	1.67	18.82	1.70	18.57	1.73	17.89	1.78
		40	36	21.38	1.60	20.90	1.65	20.31	1.70	19.98	1.73	19.71	1.76	18.99	1.81
		45	41	22.93	1.64	22.42	1.69	21.78	1.74	21.42	1.77	21.14	1.80	20.37	1.85
		47	43	23.55	1.65	23.02	1.71	22.37	1.76	22.00	1.79	21.71	1.81	20.92	1.87
		50	46	23.62	1.64	23.14	1.69	22.57	1.74	22.24	1.76	21.98	1.79	21.24	1.83
		55	51	23.73	1.62	23.34	1.66	22.91	1.70	22.65	1.72	22.44	1.74	21.77	1.77
		60	56	23.85	1.61	23.54	1.64	23.25	1.67	23.05	1.68	22.89	1.69	22.31	1.72
		63	59	23.92	1.60	23.66	1.62	23.45	1.65	23.29	1.65	23.16	1.66	22.63	1.68
		68	64	23.99	1.58	23.78	1.61	23.66	1.62	23.54	1.63	23.44	1.63	22.95	1.65
	12+12	-13	-13.4	9.32	1.11	9.11	1.15	8.85	1.19	8.70	1.21	8.59	1.23	8.28	1.26
		-4	-4.4	11.31	1.27	11.06	1.31	10.74	1.35	10.57	1.38	10.43	1.40	10.05	1.44
		0	-0.4	12.21	1.33	11.94	1.38	11.60	1.42	11.41	1.45	11.26	1.46	10.85	1.51
		5	4.5	13.34	1.41	13.04	1.46	12.67	1.50	12.46	1.53	12.29	1.55	11.85	1.60
		10	9	14.00	1.43	13.69	1.48	13.29	1.53	13.08	1.55	12.90	1.57	12.43	1.62
		17	15	14.88	1.44	14.55	1.49	14.13	1.54	13.90	1.57	13.72	1.59	13.22	1.64
		20	19	16.12	1.47	15.76	1.52	15.31	1.57	15.06	1.60	14.86	1.62	14.32	1.67
		25	23	17.36	1.50	16.97	1.55	16.48	1.60	16.21	1.63	16.00	1.65	15.42	1.70
		30	28	18.90	1.54	18.48	1.59	17.95	1.64	17.66	1.67	17.43	1.69	16.79	1.74
		35	32	20.14	1.57	19.69	1.62	19.13	1.67	18.82	1.70	18.57	1.73	17.89	1.78
		40	36	21.38	1.60	20.90	1.65	20.31	1.70	19.98	1.73	19.71	1.76	18.99	1.81
		45	41	22.93	1.64	22.42	1.69	21.78	1.74	21.42	1.77	21.14	1.80	20.37	1.85
		47	43	23.55	1.65	23.02	1.71	22.37	1.76	22.00	1.79	21.71	1.81	20.92	1.87
		50	46	23.62	1.64	23.14	1.69	22.57	1.74	22.24	1.76	21.98	1.79	21.24	1.83
		55	51	23.73	1.62	23.34	1.66	22.91	1.70	22.65	1.72	22.44	1.74	21.77	1.77
		60	56	23.85	1.61	23.54	1.64	23.25	1.67	23.05	1.68	22.89	1.69	22.31	1.72
		63	59	23.92	1.60	23.66	1.62	23.45	1.65	23.29	1.65	23.16	1.66	22.63	1.68
		68	64	23.99	1.58	23.78	1.61	23.66	1.62	23.54	1.63	23.44	1.63	22.95	1.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA181A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 4: KUMXA181A Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9+9	-13	-13.4	10.43	1.13	10.20	1.17	9.91	1.20	9.75	1.22	9.62	1.24	9.27	1.28
		-4	-4.4	11.87	1.29	11.61	1.33	11.28	1.37	11.09	1.40	10.95	1.41	10.55	1.46
		0	-0.4	12.53	1.35	12.25	1.39	11.90	1.44	11.70	1.46	11.55	1.48	11.13	1.53
		5	4.5	13.34	1.43	13.04	1.48	12.67	1.52	12.46	1.55	12.29	1.57	11.85	1.62
		10	9	13.81	1.45	13.51	1.49	13.12	1.54	12.91	1.57	12.73	1.59	12.27	1.64
		17	15	14.45	1.46	14.13	1.51	13.72	1.56	13.50	1.58	13.32	1.60	12.84	1.65
		20	19	15.75	1.50	15.40	1.55	14.96	1.60	14.71	1.63	14.52	1.65	13.99	1.70
		25	23	17.05	1.55	16.67	1.60	16.19	1.65	15.93	1.68	15.72	1.70	15.15	1.75
		30	28	18.68	1.60	18.26	1.66	17.74	1.71	17.45	1.74	17.21	1.76	16.59	1.82
		35	32	19.98	1.65	19.53	1.70	18.97	1.76	18.66	1.79	18.41	1.81	17.74	1.87
		40	36	21.27	1.69	20.80	1.75	20.21	1.80	19.88	1.84	19.61	1.86	18.90	1.92
		45	41	22.90	1.75	22.39	1.81	21.75	1.86	21.39	1.90	21.11	1.92	20.34	1.98
		47	43	23.55	1.77	23.02	1.83	22.37	1.89	22.00	1.92	21.71	1.95	20.92	2.00
		50	46	23.62	1.76	23.14	1.81	22.57	1.86	22.24	1.89	21.98	1.92	21.24	1.97
		55	51	23.73	1.74	23.34	1.78	22.91	1.83	22.65	1.85	22.44	1.86	21.77	1.90
		60	56	23.85	1.72	23.54	1.76	23.25	1.79	23.05	1.80	22.89	1.81	22.31	1.84
		63	59	23.92	1.71	23.66	1.74	23.45	1.76	23.29	1.77	23.16	1.78	22.63	1.80
		68	64	23.99	1.70	23.78	1.72	23.66	1.74	23.54	1.75	23.44	1.75	22.95	1.76
	9+12*	-13	-13.4	10.43	1.13	10.20	1.17	9.91	1.20	9.75	1.22	9.62	1.24	9.27	1.28
		-4	-4.4	11.87	1.29	11.61	1.33	11.28	1.37	11.09	1.40	10.95	1.41	10.55	1.46
		0	-0.4	12.53	1.35	12.25	1.39	11.90	1.44	11.70	1.46	11.55	1.48	11.13	1.53
		5	4.5	13.34	1.43	13.04	1.48	12.67	1.52	12.46	1.55	12.29	1.57	11.85	1.62
		10	9	13.81	1.45	13.51	1.49	13.12	1.54	12.91	1.57	12.73	1.59	12.27	1.64
		17	15	14.45	1.46	14.13	1.51	13.72	1.56	13.50	1.58	13.32	1.60	12.84	1.65
		20	19	15.75	1.50	15.40	1.55	14.96	1.60	14.71	1.63	14.52	1.65	13.99	1.70
		25	23	17.05	1.55	16.67	1.60	16.19	1.65	15.93	1.68	15.72	1.70	15.15	1.75
		30	28	18.68	1.60	18.26	1.66	17.74	1.71	17.45	1.74	17.21	1.76	16.59	1.82
		35	32	19.98	1.65	19.53	1.70	18.97	1.76	18.66	1.79	18.41	1.81	17.74	1.87
		40	36	21.27	1.69	20.80	1.75	20.21	1.80	19.88	1.84	19.61	1.86	18.90	1.92
		45	41	22.90	1.75	22.39	1.81	21.75	1.86	21.39	1.90	21.11	1.92	20.34	1.98
		47	43	23.55	1.77	23.02	1.83	22.37	1.89	22.00	1.92	21.71	1.95	20.92	2.00
		50	46	23.62	1.76	23.14	1.81	22.57	1.86	22.24	1.89	21.98	1.92	21.24	1.97
		55	51	23.73	1.74	23.34	1.78	22.91	1.83	22.65	1.85	22.44	1.86	21.77	1.90
		60	56	23.85	1.72	23.54	1.76	23.25	1.79	23.05	1.80	22.89	1.81	22.31	1.84
		63	59	23.92	1.71	23.66	1.74	23.45	1.76	23.29	1.77	23.16	1.78	22.63	1.80
		68	64	23.99	1.70	23.78	1.72	23.66	1.74	23.54	1.75	23.44	1.75	22.95	1.76
	12*+12*	-13	-13.4	10.43	1.13	10.20	1.17	9.91	1.20	9.75	1.22	9.62	1.24	9.27	1.28
		-4	-4.4	11.87	1.29	11.61	1.33	11.28	1.37	11.09	1.40	10.95	1.41	10.55	1.46
		0	-0.4	12.53	1.35	12.25	1.39	11.90	1.44	11.70	1.46	11.55	1.48	11.13	1.53
		5	4.5	13.34	1.43	13.04	1.48	12.67	1.52	12.46	1.55	12.29	1.57	11.85	1.62
		10	9	13.81	1.45	13.51	1.49	13.12	1.54	12.91	1.57	12.73	1.59	12.27	1.64
		17	15	14.45	1.46	14.13	1.51	13.72	1.56	13.50	1.58	13.32	1.60	12.84	1.65
		20	19	15.75	1.50	15.40	1.55	14.96	1.60	14.71	1.63	14.52	1.65	13.99	1.70
		25	23	17.05	1.55	16.67	1.60	16.19	1.65	15.93	1.68	15.72	1.70	15.15	1.75
		30	28	18.68	1.60	18.26	1.66	17.74	1.71	17.45	1.74	17.21	1.76	16.59	1.82
		35	32	19.98	1.65	19.53	1.70	18.97	1.76	18.66	1.79	18.41	1.81	17.74	1.87
		40	36	21.27	1.69	20.80	1.75	20.21	1.80	19.88	1.84	19.61	1.86	18.90	1.92
		45	41	22.90	1.75	22.39	1.81	21.75	1.86	21.39	1.90	21.11	1.92	20.34	1.98
		47	43	23.55	1.77	23.02	1.83	22.37	1.89	22.00	1.92	21.71	1.95	20.92	2.00
		50	46	23.62	1.76	23.14	1.81	22.57	1.86	22.24	1.89	21.98	1.92	21.24	1.97
		55	51	23.73	1.74	23.34	1.78	22.91	1.83	22.65	1.85	22.44	1.86	21.77	1.90
		60	56	23.85	1.72	23.54	1.76	23.25	1.79	23.05	1.80	22.89	1.81	22.31	1.84
		63	59	23.92	1.71	23.66	1.74	23.45	1.76	23.29	1.77	23.16	1.78	22.63	1.80
		68	64	23.99	1.70	23.78	1.72	23.66	1.74	23.54	1.75	23.44	1.75	22.95	1.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 5: KUMXA181A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7+9	-13	-13.4	8.27	1.05	8.08	1.08	7.85	1.12	7.72	1.13	7.62	1.15	7.34	1.18
		-4	-4.4	10.04	1.19	9.81	1.23	9.53	1.27	9.38	1.29	9.25	1.31	8.92	1.35
		0	-0.4	10.84	1.25	10.59	1.29	10.29	1.33	10.12	1.36	9.99	1.37	9.63	1.42
		5	4.5	11.83	1.32	11.57	1.37	11.24	1.41	11.06	1.44	10.91	1.46	10.51	1.50
		10	9	12.42	1.34	12.14	1.39	11.80	1.43	11.60	1.46	11.45	1.48	11.03	1.52
		17	15	13.20	1.36	12.91	1.40	12.54	1.45	12.33	1.47	12.17	1.49	11.73	1.54
		20	19	14.30	1.38	13.98	1.43	13.58	1.48	13.36	1.50	13.18	1.52	12.70	1.57
		25	23	15.40	1.41	15.06	1.46	14.63	1.50	14.39	1.53	14.20	1.55	13.68	1.60
		30	28	16.77	1.45	16.40	1.49	15.93	1.54	15.67	1.57	15.46	1.59	14.90	1.64
		35	32	17.87	1.47	17.47	1.52	16.97	1.57	16.70	1.60	16.47	1.62	15.88	1.67
		40	36	18.97	1.50	18.55	1.55	18.02	1.60	17.72	1.63	17.49	1.65	16.85	1.70
		45	41	20.35	1.54	19.89	1.59	19.32	1.64	19.01	1.67	18.75	1.69	18.07	1.74
		47	43	20.89	1.55	20.43	1.60	19.84	1.65	19.52	1.68	19.26	1.70	18.56	1.75
		50	46	20.96	1.54	20.53	1.59	20.03	1.63	19.74	1.66	19.50	1.68	18.84	1.72
		55	51	21.06	1.52	20.71	1.56	20.33	1.60	20.09	1.62	19.91	1.63	19.32	1.67
		60	56	21.16	1.51	20.89	1.54	20.63	1.56	20.45	1.58	20.31	1.59	19.79	1.61
		63	59	21.22	1.50	20.99	1.52	20.81	1.54	20.67	1.55	20.55	1.56	20.08	1.58
		68	64	21.28	1.49	21.10	1.51	20.99	1.52	20.88	1.53	20.80	1.53	20.36	1.54
	9+9	-13	-13.4	9.32	1.16	9.11	1.20	8.85	1.23	8.70	1.26	8.59	1.27	8.28	1.31
		-4	-4.4	11.31	1.32	11.06	1.36	10.74	1.41	10.57	1.43	10.43	1.45	10.05	1.49
		0	-0.4	12.21	1.38	11.94	1.43	11.60	1.48	11.41	1.50	11.26	1.52	10.85	1.57
		5	4.5	13.34	1.47	13.04	1.51	12.67	1.56	12.46	1.59	12.29	1.61	11.85	1.66
		10	9	14.00	1.49	13.69	1.54	13.29	1.58	13.08	1.61	12.90	1.63	12.43	1.68
		17	15	14.88	1.50	14.55	1.55	14.13	1.60	13.90	1.63	13.72	1.65	13.22	1.70
		20	19	16.12	1.53	15.76	1.58	15.31	1.63	15.06	1.66	14.86	1.68	14.32	1.73
		25	23	17.36	1.56	16.97	1.61	16.48	1.67	16.21	1.69	16.00	1.72	15.42	1.77
		30	28	18.90	1.60	18.48	1.65	17.95	1.71	17.66	1.74	17.43	1.76	16.79	1.81
		35	32	20.14	1.63	19.69	1.69	19.13	1.74	18.82	1.77	18.57	1.79	17.89	1.85
		40	36	21.38	1.66	20.90	1.72	20.31	1.77	19.98	1.80	19.71	1.83	18.99	1.88
		45	41	22.93	1.70	22.42	1.76	21.78	1.81	21.42	1.84	21.14	1.87	20.37	1.92
		47	43	23.55	1.72	23.02	1.77	22.37	1.83	22.00	1.86	21.71	1.89	20.92	1.94
		50	46	23.62	1.70	23.14	1.76	22.57	1.81	22.24	1.83	21.98	1.86	21.24	1.91
		55	51	23.73	1.69	23.34	1.73	22.91	1.77	22.65	1.79	22.44	1.81	21.77	1.84
		60	56	23.85	1.67	23.54	1.70	23.25	1.73	23.05	1.74	22.89	1.76	22.31	1.78
		63	59	23.92	1.66	23.66	1.68	23.45	1.71	23.29	1.72	23.16	1.73	22.63	1.75
		68	64	23.99	1.65	23.78	1.67	23.66	1.69	23.54	1.69	23.44	1.70	22.95	1.71
	7+12	-13	-13.4	9.32	1.16	9.11	1.20	8.85	1.23	8.70	1.26	8.59	1.27	8.28	1.31
		-4	-4.4	11.31	1.32	11.06	1.36	10.74	1.41	10.57	1.43	10.43	1.45	10.05	1.49
		0	-0.4	12.21	1.38	11.94	1.43	11.60	1.48	11.41	1.50	11.26	1.52	10.85	1.57
		5	4.5	13.34	1.47	13.04	1.51	12.67	1.56	12.46	1.59	12.29	1.61	11.85	1.66
		10	9	14.00	1.49	13.69	1.54	13.29	1.58	13.08	1.61	12.90	1.63	12.43	1.68
		17	15	14.88	1.50	14.55	1.55	14.13	1.60	13.90	1.63	13.72	1.65	13.22	1.70
		20	19	16.12	1.53	15.76	1.58	15.31	1.63	15.06	1.66	14.86	1.68	14.32	1.73
		25	23	17.36	1.56	16.97	1.61	16.48	1.67	16.21	1.69	16.00	1.72	15.42	1.77
		30	28	18.90	1.60	18.48	1.65	17.95	1.71	17.66	1.74	17.43	1.76	16.79	1.81
		35	32	20.14	1.63	19.69	1.69	19.13	1.74	18.82	1.77	18.57	1.79	17.89	1.85
		40	36	21.38	1.66	20.90	1.72	20.31	1.77	19.98	1.80	19.71	1.83	18.99	1.88
		45	41	22.93	1.70	22.42	1.76	21.78	1.81	21.42	1.84	21.14	1.87	20.37	1.92
		47	43	23.55	1.72	23.02	1.77	22.37	1.83	22.00	1.86	21.71	1.89	20.92	1.94
		50	46	23.62	1.70	23.14	1.76	22.57	1.81	22.24	1.83	21.98	1.86	21.24	1.91
		55	51	23.73	1.69	23.34	1.73	22.91	1.77	22.65	1.79	22.44	1.81	21.77	1.84
		60	56	23.85	1.67	23.54	1.70	23.25	1.73	23.05	1.74	22.89	1.76	22.31	1.78
		63	59	23.92	1.66	23.66	1.68	23.45	1.71	23.29	1.72	23.16	1.73	22.63	1.75
		68	64	23.99	1.65	23.78	1.67	23.66	1.69	23.54	1.69	23.44	1.70	22.95	1.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA181A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 6: KUMXA181A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9+12*	-13	-13.4	9.32	1.16	9.11	1.20	8.85	1.23	8.70	1.26	8.59	1.27	8.28	1.31
		-4	-4.4	11.31	1.32	11.06	1.36	10.74	1.41	10.57	1.43	10.43	1.45	10.05	1.49
		0	-0.4	12.21	1.38	11.94	1.43	11.60	1.48	11.41	1.50	11.26	1.52	10.85	1.57
		5	4.5	13.34	1.47	13.04	1.51	12.67	1.56	12.46	1.59	12.29	1.61	11.85	1.66
		10	9	14.00	1.49	13.69	1.54	13.29	1.58	13.08	1.61	12.90	1.63	12.43	1.68
		17	15	14.88	1.50	14.55	1.55	14.13	1.60	13.90	1.63	13.72	1.65	13.22	1.70
		20	19	16.12	1.53	15.76	1.58	15.31	1.63	15.06	1.66	14.86	1.68	14.32	1.73
		25	23	17.36	1.56	16.97	1.61	16.48	1.67	16.21	1.69	16.00	1.72	15.42	1.77
		30	28	18.90	1.60	18.48	1.65	17.95	1.71	17.66	1.74	17.43	1.76	16.79	1.81
		35	32	20.14	1.63	19.69	1.69	19.13	1.74	18.82	1.77	18.57	1.79	17.89	1.85
		40	36	21.38	1.66	20.90	1.72	20.31	1.77	19.98	1.80	19.71	1.83	18.99	1.88
		45	41	22.93	1.70	22.42	1.76	21.78	1.81	21.42	1.84	21.14	1.87	20.37	1.92
		47	43	23.55	1.72	23.02	1.77	22.37	1.83	22.00	1.86	21.71	1.89	20.92	1.94
		50	46	23.62	1.70	23.14	1.76	22.57	1.81	22.24	1.83	21.98	1.86	21.24	1.91
		55	51	23.73	1.69	23.34	1.73	22.91	1.77	22.65	1.79	22.44	1.81	21.77	1.84
		60	56	23.85	1.67	23.54	1.70	23.25	1.73	23.05	1.74	22.89	1.76	22.31	1.78
		63	59	23.92	1.66	23.66	1.68	23.45	1.71	23.29	1.72	23.16	1.73	22.63	1.75
		68	64	23.99	1.65	23.78	1.67	23.66	1.69	23.54	1.69	23.44	1.70	22.95	1.71
	9*+15	-13	-13.4	9.32	1.16	9.11	1.20	8.85	1.23	8.70	1.26	8.59	1.27	8.28	1.31
		-4	-4.4	11.31	1.32	11.06	1.36	10.74	1.41	10.57	1.43	10.43	1.45	10.05	1.49
		0	-0.4	12.21	1.38	11.94	1.43	11.60	1.48	11.41	1.50	11.26	1.52	10.85	1.57
		5	4.5	13.34	1.47	13.04	1.51	12.67	1.56	12.46	1.59	12.29	1.61	11.85	1.66
		10	9	14.00	1.49	13.69	1.54	13.29	1.58	13.08	1.61	12.90	1.63	12.43	1.68
		17	15	14.88	1.50	14.55	1.55	14.13	1.60	13.90	1.63	13.72	1.65	13.22	1.70
		20	19	16.12	1.53	15.76	1.58	15.31	1.63	15.06	1.66	14.86	1.68	14.32	1.73
		25	23	17.36	1.56	16.97	1.61	16.48	1.67	16.21	1.69	16.00	1.72	15.42	1.77
		30	28	18.90	1.60	18.48	1.65	17.95	1.71	17.66	1.74	17.43	1.76	16.79	1.81
		35	32	20.14	1.63	19.69	1.69	19.13	1.74	18.82	1.77	18.57	1.79	17.89	1.85
		40	36	21.38	1.66	20.90	1.72	20.31	1.77	19.98	1.80	19.71	1.83	18.99	1.88
		45	41	22.93	1.70	22.42	1.76	21.78	1.81	21.42	1.84	21.14	1.87	20.37	1.92
		47	43	23.55	1.72	23.02	1.77	22.37	1.83	22.00	1.86	21.71	1.89	20.92	1.94
		50	46	23.62	1.70	23.14	1.76	22.57	1.81	22.24	1.83	21.98	1.86	21.24	1.91
		55	51	23.73	1.69	23.34	1.73	22.91	1.77	22.65	1.79	22.44	1.81	21.77	1.84
		60	56	23.85	1.67	23.54	1.70	23.25	1.73	23.05	1.74	22.89	1.76	22.31	1.78
		63	59	23.92	1.66	23.66	1.68	23.45	1.71	23.29	1.72	23.16	1.73	22.63	1.75
		68	64	23.99	1.65	23.78	1.67	23.66	1.69	23.54	1.69	23.44	1.70	22.95	1.71
	12*+12*	-13	-13.4	9.32	1.16	9.11	1.20	8.85	1.23	8.70	1.26	8.59	1.27	8.28	1.31
		-4	-4.4	11.31	1.32	11.06	1.36	10.74	1.41	10.57	1.43	10.43	1.45	10.05	1.49
		0	-0.4	12.21	1.38	11.94	1.43	11.60	1.48	11.41	1.50	11.26	1.52	10.85	1.57
		5	4.5	13.34	1.47	13.04	1.51	12.67	1.56	12.46	1.59	12.29	1.61	11.85	1.66
		10	9	14.00	1.49	13.69	1.54	13.29	1.58	13.08	1.61	12.90	1.63	12.43	1.68
		17	15	14.88	1.50	14.55	1.55	14.13	1.60	13.90	1.63	13.72	1.65	13.22	1.70
		20	19	16.12	1.53	15.76	1.58	15.31	1.63	15.06	1.66	14.86	1.68	14.32	1.73
		25	23	17.36	1.56	16.97	1.61	16.48	1.67	16.21	1.69	16.00	1.72	15.42	1.77
		30	28	18.90	1.60	18.48	1.65	17.95	1.71	17.66	1.74	17.43	1.76	16.79	1.81
		35	32	20.14	1.63	19.69	1.69	19.13	1.74	18.82	1.77	18.57	1.79	17.89	1.85
		40	36	21.38	1.66	20.90	1.72	20.31	1.77	19.98	1.80	19.71	1.83	18.99	1.88
		45	41	22.93	1.70	22.42	1.76	21.78	1.81	21.42	1.84	21.14	1.87	20.37	1.92
		47	43	23.55	1.72	23.02	1.77	22.37	1.83	22.00	1.86	21.71	1.89	20.92	1.94
		50	46	23.62	1.70	23.14	1.76	22.57	1.81	22.24	1.83	21.98	1.86	21.24	1.91
		55	51	23.73	1.69	23.34	1.73	22.91	1.77	22.65	1.79	22.44	1.81	21.77	1.84
		60	56	23.85	1.67	23.54	1.70	23.25	1.73	23.05	1.74	22.89	1.76	22.31	1.78
		63	59	23.92	1.66	23.66	1.68	23.45	1.71	23.29	1.72	23.16	1.73	22.63	1.75
		68	64	23.99	1.65	23.78	1.67	23.66	1.69	23.54	1.69	23.44	1.70	22.95	1.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 7: KUMXA241A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7+7	-13	-13.4	5.36	1.05	5.24	1.09	5.09	1.12	5.01	1.14	4.94	1.16	4.76	1.19
		-4	-4.4	7.93	1.20	7.75	1.24	7.53	1.28	7.41	1.30	7.31	1.32	7.04	1.36
		0	-0.4	9.09	1.26	8.88	1.30	8.63	1.34	8.49	1.37	8.38	1.39	8.07	1.43
		5	4.5	10.53	1.33	10.30	1.38	10.00	1.42	9.84	1.45	9.71	1.47	9.36	1.51
		10	9	11.38	1.40	11.13	1.45	10.81	1.50	10.63	1.52	10.49	1.54	10.11	1.59
		17	15	12.52	1.45	12.24	1.50	11.89	1.55	11.69	1.58	11.54	1.60	11.12	1.65
		20	19	13.34	1.48	13.04	1.53	12.67	1.58	12.46	1.60	12.30	1.62	11.85	1.67
		25	23	14.16	1.50	13.85	1.55	13.45	1.60	13.23	1.63	13.06	1.65	12.58	1.70
		30	28	15.19	1.53	14.85	1.58	14.43	1.63	14.19	1.66	14.01	1.68	13.50	1.73
		35	32	16.02	1.56	15.66	1.61	15.21	1.66	14.96	1.69	14.76	1.71	14.23	1.76
		40	36	16.84	1.58	16.47	1.63	15.99	1.69	15.73	1.71	15.52	1.74	14.96	1.79
		45	41	17.87	1.61	17.47	1.66	16.97	1.72	16.70	1.75	16.47	1.77	15.87	1.82
		47	43	18.28	1.62	17.87	1.68	17.36	1.73	17.08	1.76	16.85	1.78	16.24	1.84
		50	46	18.34	1.61	17.97	1.66	17.52	1.71	17.27	1.73	17.07	1.76	16.49	1.80
		55	51	18.43	1.60	18.12	1.64	17.79	1.67	17.58	1.69	17.42	1.71	16.90	1.74
		60	56	18.52	1.58	18.27	1.61	18.05	1.64	17.90	1.65	17.77	1.66	17.32	1.69
		63	59	18.57	1.57	18.37	1.59	18.21	1.62	18.08	1.63	17.98	1.63	17.57	1.65
		68	64	18.62	1.56	18.46	1.58	18.37	1.60	18.27	1.60	18.20	1.60	17.82	1.62
	7+9	-13	-13.4	6.13	1.11	5.99	1.14	5.82	1.18	5.72	1.20	5.65	1.22	5.44	1.25
		-4	-4.4	9.06	1.26	8.86	1.30	8.61	1.35	8.46	1.37	8.35	1.39	8.05	1.43
		0	-0.4	10.38	1.32	10.15	1.37	9.86	1.41	9.70	1.44	9.57	1.46	9.22	1.50
		5	4.5	12.04	1.40	11.77	1.45	11.43	1.50	11.25	1.52	11.10	1.54	10.69	1.59
		10	9	13.01	1.48	12.72	1.52	12.36	1.57	12.15	1.60	11.99	1.62	11.56	1.67
		17	15	14.30	1.53	13.99	1.58	13.59	1.63	13.36	1.66	13.19	1.68	12.71	1.73
		20	19	15.25	1.55	14.91	1.60	14.48	1.66	14.24	1.68	14.05	1.71	13.54	1.76
		25	23	16.19	1.58	15.83	1.63	15.37	1.68	15.12	1.71	14.92	1.74	14.38	1.79
		30	28	17.36	1.61	16.98	1.66	16.49	1.72	16.22	1.75	16.01	1.77	15.42	1.82
		35	32	18.31	1.64	17.90	1.69	17.39	1.74	17.10	1.77	16.87	1.80	16.26	1.85
		40	36	19.25	1.66	18.82	1.72	18.28	1.77	17.98	1.80	17.74	1.83	17.10	1.88
		45	41	20.42	1.69	19.97	1.75	19.40	1.81	19.08	1.84	18.83	1.86	18.14	1.92
		47	43	20.89	1.71	20.43	1.76	19.84	1.82	19.52	1.85	19.26	1.88	18.56	1.93
		50	46	20.96	1.70	20.53	1.75	20.03	1.80	19.74	1.82	19.50	1.85	18.84	1.89
		55	51	21.06	1.68	20.71	1.72	20.33	1.76	20.09	1.78	19.91	1.80	19.32	1.83
		60	56	21.16	1.66	20.89	1.69	20.63	1.72	20.45	1.74	20.31	1.75	19.79	1.77
		63	59	21.22	1.65	20.99	1.68	20.81	1.70	20.67	1.71	20.55	1.72	20.08	1.74
		68	64	21.28	1.64	21.10	1.66	20.99	1.68	20.88	1.68	20.80	1.69	20.36	1.70
	9+9	-13	-13.4	6.91	1.19	6.75	1.22	6.56	1.26	6.45	1.29	6.37	1.30	6.13	1.34
		-4	-4.4	10.21	1.35	9.98	1.40	9.70	1.44	9.54	1.47	9.41	1.48	9.07	1.53
		0	-0.4	11.70	1.42	11.44	1.46	11.12	1.51	10.93	1.54	10.79	1.56	10.40	1.61
		5	4.5	13.57	1.50	13.26	1.55	12.89	1.60	12.68	1.63	12.51	1.65	12.05	1.70
		10	9	14.66	1.58	14.34	1.63	13.93	1.68	13.70	1.71	13.52	1.74	13.02	1.79
		17	15	16.12	1.64	15.76	1.69	15.31	1.74	15.06	1.77	14.86	1.80	14.32	1.85
		20	19	17.18	1.66	16.80	1.72	16.32	1.77	16.05	1.80	15.84	1.83	15.26	1.88
		25	23	18.24	1.69	17.84	1.75	17.33	1.80	17.04	1.83	16.82	1.86	16.21	1.91
		30	28	19.57	1.72	19.13	1.78	18.59	1.84	18.28	1.87	18.04	1.89	17.38	1.95
		35	32	20.63	1.75	20.17	1.81	19.59	1.87	19.27	1.90	19.02	1.92	18.33	1.98
		40	36	21.69	1.78	21.21	1.84	20.60	1.90	20.27	1.93	20.00	1.95	19.27	2.01
		45	41	23.02	1.81	22.50	1.87	21.86	1.93	21.50	1.97	21.22	1.99	20.45	2.05
		47	43	23.55	1.83	23.02	1.89	22.37	1.95	22.00	1.98	21.71	2.01	20.92	2.07
		50	46	23.62	1.81	23.14	1.87	22.57	1.92	22.24	1.95	21.98	1.97	21.24	2.03
		55	51	23.73	1.80	23.34	1.84	22.91	1.88	22.65	1.90	22.44	1.92	21.77	1.96
		60	56	23.85	1.78	23.54	1.81	23.25	1.84	23.05	1.86	22.89	1.87	22.31	1.90
		63	59	23.92	1.76	23.66	1.79	23.45	1.82	23.29	1.83	23.16	1.84	22.63	1.86
		68	64	23.99	1.75	23.78	1.78	23.66	1.80	23.54	1.80	23.44	1.80	22.95	1.82

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 8: KUMXA241A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7+12	-13	-13.4	6.91	1.19	6.75	1.22	6.56	1.26	6.45	1.29	6.37	1.30	6.13	1.34
		-4	-4.4	10.21	1.35	9.98	1.40	9.70	1.44	9.54	1.47	9.41	1.48	9.07	1.53
		0	-0.4	11.70	1.42	11.44	1.46	11.12	1.51	10.93	1.54	10.79	1.56	10.40	1.61
		5	4.5	13.57	1.50	13.26	1.55	12.89	1.60	12.68	1.63	12.51	1.65	12.05	1.70
		10	9	14.66	1.58	14.34	1.63	13.93	1.68	13.70	1.71	13.52	1.74	13.02	1.79
		17	15	16.12	1.64	15.76	1.69	15.31	1.74	15.06	1.77	14.86	1.80	14.32	1.85
		20	19	17.18	1.66	16.80	1.72	16.32	1.77	16.05	1.80	15.84	1.83	15.26	1.88
		25	23	18.24	1.69	17.84	1.75	17.33	1.80	17.04	1.83	16.82	1.86	16.21	1.91
		30	28	19.57	1.72	19.13	1.78	18.59	1.84	18.28	1.87	18.04	1.89	17.38	1.95
		35	32	20.63	1.75	20.17	1.81	19.59	1.87	19.27	1.90	19.02	1.92	18.33	1.98
		40	36	21.69	1.78	21.21	1.84	20.60	1.90	20.27	1.93	20.00	1.95	19.27	2.01
		45	41	23.02	1.81	22.50	1.87	21.86	1.93	21.50	1.97	21.22	1.99	20.45	2.05
		47	43	23.55	1.83	23.02	1.89	22.37	1.95	22.00	1.98	21.71	2.01	20.92	2.07
		50	46	23.62	1.81	23.14	1.87	22.57	1.92	22.24	1.95	21.98	1.97	21.24	2.03
		55	51	23.73	1.80	23.34	1.84	22.91	1.88	22.65	1.90	22.44	1.92	21.77	1.96
		60	56	23.85	1.78	23.54	1.81	23.25	1.84	23.05	1.86	22.89	1.87	22.31	1.90
		63	59	23.92	1.76	23.66	1.79	23.45	1.82	23.29	1.83	23.16	1.84	22.63	1.86
		68	64	23.99	1.75	23.78	1.78	23.66	1.80	23.54	1.80	23.44	1.80	22.95	1.82
	9+12	-13	-13.4	7.32	1.24	7.16	1.28	6.95	1.32	6.84	1.34	6.75	1.36	6.50	1.40
		-4	-4.4	10.83	1.41	10.58	1.46	10.28	1.51	10.11	1.53	9.98	1.55	9.62	1.60
		0	-0.4	12.41	1.48	12.13	1.53	11.78	1.58	11.59	1.61	11.44	1.63	11.02	1.68
		5	4.5	14.38	1.57	14.06	1.62	13.66	1.67	13.44	1.70	13.26	1.72	12.78	1.78
		10	9	15.54	1.65	15.20	1.71	14.76	1.76	14.52	1.79	14.33	1.81	13.81	1.87
		17	15	17.09	1.71	16.71	1.77	16.23	1.82	15.97	1.85	15.75	1.88	15.18	1.94
		20	19	18.21	1.74	17.81	1.80	17.30	1.85	17.02	1.88	16.79	1.91	16.18	1.97
		25	23	19.34	1.77	18.91	1.82	18.37	1.88	18.07	1.92	17.83	1.94	17.18	2.00
		30	28	20.74	1.80	20.28	1.86	19.70	1.92	19.38	1.95	19.12	1.98	18.43	2.04
		35	32	21.87	1.83	21.38	1.89	20.77	1.95	20.43	1.99	20.16	2.01	19.43	2.07
		40	36	22.99	1.86	22.48	1.92	21.84	1.98	21.48	2.02	21.20	2.04	20.43	2.10
		45	41	24.40	1.89	23.85	1.96	23.17	2.02	22.79	2.05	22.49	2.08	21.67	2.15
		47	43	24.96	1.91	24.40	1.97	23.71	2.03	23.32	2.07	23.01	2.10	22.17	2.16
		50	46	25.04	1.90	24.53	1.95	23.92	2.01	23.58	2.04	23.30	2.06	22.51	2.12
		55	51	25.16	1.88	24.74	1.92	24.28	1.97	24.01	1.99	23.78	2.01	23.08	2.05
		60	56	25.28	1.86	24.95	1.89	24.64	1.93	24.43	1.94	24.26	1.95	23.64	1.98
		63	59	25.35	1.84	25.08	1.87	24.86	1.90	24.69	1.91	24.55	1.92	23.98	1.94
		68	64	25.43	1.83	25.20	1.86	25.08	1.88	24.95	1.88	24.85	1.89	24.33	1.90
	7+15	-13	-13.4	7.60	1.27	7.43	1.31	7.22	1.35	7.10	1.38	7.01	1.40	6.75	1.44
		-4	-4.4	11.24	1.45	10.99	1.49	10.68	1.54	10.50	1.57	10.36	1.59	9.99	1.64
		0	-0.4	12.88	1.52	12.60	1.57	12.24	1.62	12.04	1.65	11.88	1.67	11.45	1.72
		5	4.5	14.94	1.61	14.60	1.66	14.19	1.71	13.95	1.74	13.77	1.77	13.27	1.82
		10	9	16.14	1.69	15.78	1.75	15.33	1.80	15.08	1.83	14.88	1.86	14.34	1.91
		17	15	17.75	1.75	17.35	1.81	16.86	1.87	16.58	1.90	16.36	1.92	15.77	1.98
		20	19	18.92	1.78	18.49	1.84	17.97	1.90	17.67	1.93	17.44	1.96	16.80	2.02
		25	23	20.09	1.81	19.64	1.87	19.08	1.93	18.76	1.96	18.51	1.99	17.84	2.05
		30	28	21.55	1.85	21.06	1.91	20.46	1.97	20.13	2.00	19.86	2.03	19.14	2.09
		35	32	22.71	1.87	22.21	1.94	21.57	2.00	21.22	2.03	20.94	2.06	20.18	2.12
		40	36	23.88	1.90	23.35	1.97	22.68	2.03	22.31	2.06	22.01	2.09	21.21	2.16
		45	41	25.34	1.94	24.78	2.00	24.07	2.07	23.67	2.10	23.36	2.13	22.51	2.20
		47	43	25.93	1.95	25.35	2.02	24.62	2.08	24.22	2.12	23.90	2.15	23.03	2.21
		50	46	26.00	1.94	25.48	2.00	24.85	2.06	24.49	2.09	24.20	2.11	23.38	2.17
		55	51	26.13	1.92	25.70	1.97	25.22	2.02	24.93	2.04	24.70	2.06	23.97	2.10
		60	56	26.26	1.90	25.91	1.94	25.60	1.97	25.38	1.99	25.20	2.00	24.56	2.03
		63	59	26.33	1.89	26.04	1.92	25.82	1.95	25.64	1.96	25.50	1.97	24.91	1.99
		68	64	26.41	1.88	26.18	1.90	26.05	1.92	25.91	1.93	25.81	1.93	25.27	1.95

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 9: KUMXA241A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9+15	-13	-13.4	8.16	1.32	7.98	1.37	7.75	1.41	7.62	1.44	7.52	1.45	7.25	1.50
		-4	-4.4	12.07	1.51	11.80	1.56	11.46	1.61	11.28	1.64	11.13	1.66	10.72	1.71
		0	-0.4	13.83	1.58	13.52	1.63	13.14	1.69	12.92	1.72	12.75	1.74	12.29	1.79
		5	4.5	16.04	1.68	15.68	1.73	15.23	1.79	14.98	1.82	14.78	1.84	14.24	1.90
		10	9	17.33	1.76	16.94	1.82	16.46	1.88	16.19	1.91	15.97	1.94	15.39	2.00
		17	15	19.05	1.83	18.63	1.89	18.10	1.95	17.80	1.98	17.56	2.01	16.92	2.07
		20	19	20.31	1.86	19.85	1.92	19.29	1.98	18.97	2.01	18.72	2.04	18.04	2.10
		25	23	21.56	1.89	21.08	1.95	20.48	2.01	20.14	2.05	19.88	2.07	19.15	2.14
		30	28	23.13	1.92	22.61	1.99	21.97	2.05	21.61	2.09	21.32	2.11	20.54	2.18
		35	32	24.38	1.95	23.84	2.02	23.16	2.08	22.78	2.12	22.48	2.15	21.66	2.21
		40	36	25.64	1.98	25.06	2.05	24.35	2.12	23.95	2.15	23.63	2.18	22.77	2.25
		45	41	27.20	2.02	26.60	2.09	25.84	2.16	25.41	2.19	25.08	2.22	24.16	2.29
		47	43	27.83	2.04	27.21	2.11	26.43	2.17	26.00	2.21	25.65	2.24	24.72	2.31
		50	46	27.91	2.03	27.35	2.09	26.67	2.15	26.29	2.18	25.98	2.20	25.10	2.26
		55	51	28.05	2.00	27.58	2.05	27.07	2.10	26.76	2.13	26.52	2.14	25.73	2.19
	12+12	60	56	28.19	1.98	27.82	2.02	27.48	2.06	27.24	2.07	27.05	2.09	26.36	2.12
		63	59	28.27	1.97	27.96	2.00	27.72	2.03	27.53	2.04	27.38	2.05	26.74	2.07
		68	64	28.35	1.96	28.10	1.98	27.96	2.00	27.82	2.01	27.70	2.01	27.12	2.03
		-13	-13.4	8.16	1.32	7.98	1.37	7.75	1.41	7.62	1.44	7.52	1.45	7.25	1.50
		-4	-4.4	12.07	1.51	11.80	1.56	11.46	1.61	11.28	1.64	11.13	1.66	10.72	1.71
		0	-0.4	13.83	1.58	13.52	1.63	13.14	1.69	12.92	1.72	12.75	1.74	12.29	1.79
		5	4.5	16.04	1.68	15.68	1.73	15.23	1.79	14.98	1.82	14.78	1.84	14.24	1.90
		10	9	17.33	1.76	16.94	1.82	16.46	1.88	16.19	1.91	15.97	1.94	15.39	2.00
		17	15	19.05	1.83	18.63	1.89	18.10	1.95	17.80	1.98	17.56	2.01	16.92	2.07
		20	19	20.31	1.86	19.85	1.92	19.29	1.98	18.97	2.01	18.72	2.04	18.04	2.10
		25	23	21.56	1.89	21.08	1.95	20.48	2.01	20.14	2.05	19.88	2.07	19.15	2.14
		30	28	23.13	1.92	22.61	1.99	21.97	2.05	21.61	2.09	21.32	2.11	20.54	2.18
		35	32	24.38	1.95	23.84	2.02	23.16	2.08	22.78	2.12	22.48	2.15	21.66	2.21
		40	36	25.64	1.98	25.06	2.05	24.35	2.12	23.95	2.15	23.63	2.18	22.77	2.25
		45	41	27.20	2.02	26.60	2.09	25.84	2.16	25.41	2.19	25.08	2.22	24.16	2.29
		47	43	27.83	2.04	27.21	2.11	26.43	2.17	26.00	2.21	25.65	2.24	24.72	2.31
	7+18	50	46	27.91	2.03	27.35	2.09	26.67	2.15	26.29	2.18	25.98	2.20	25.10	2.26
		55	51	28.05	2.00	27.58	2.05	27.07	2.10	26.76	2.13	26.52	2.14	25.73	2.19
		60	56	28.19	1.98	27.82	2.02	27.48	2.06	27.24	2.07	27.05	2.09	26.36	2.12
		63	59	28.27	1.97	27.96	2.00	27.72	2.03	27.53	2.04	27.38	2.05	26.74	2.07
		68	64	28.35	1.96	28.10	1.98	27.96	2.00	27.82	2.01	27.70	2.01	27.12	2.03
		-13	-13.4	8.16	1.32	7.98	1.37	7.75	1.41	7.62	1.44	7.52	1.45	7.25	1.50
		-4	-4.4	12.07	1.51	11.80	1.56	11.46	1.61	11.28	1.64	11.13	1.66	10.72	1.71
		0	-0.4	13.83	1.58	13.52	1.63	13.14	1.69	12.92	1.72	12.75	1.74	12.29	1.79
		5	4.5	16.04	1.68	15.68	1.73	15.23	1.79	14.98	1.82	14.78	1.84	14.24	1.90
		10	9	17.33	1.76	16.94	1.82	16.46	1.88	16.19	1.91	15.97	1.94	15.39	2.00
		17	15	19.05	1.83	18.63	1.89	18.10	1.95	17.80	1.98	17.56	2.01	16.92	2.07
		20	19	20.31	1.86	19.85	1.92	19.29	1.98	18.97	2.01	18.72	2.04	18.04	2.10
		25	23	21.56	1.89	21.08	1.95	20.48	2.01	20.14	2.05	19.88	2.07	19.15	2.14
		30	28	23.13	1.92	22.61	1.99	21.97	2.05	21.61	2.09	21.32	2.11	20.54	2.18
		35	32	24.38	1.95	23.84	2.02	23.16	2.08	22.78	2.12	22.48	2.15	21.66	2.21
		40	36	25.64	1.98	25.06	2.05	24.35	2.12	23.95	2.15	23.63	2.18	22.77	2.25
		45	41	27.20	2.02	26.60	2.09	25.84	2.16	25.41	2.19	25.08	2.22	24.16	2.29
		47	43	27.83	2.04	27.21	2.11	26.43	2.17	26.00	2.21	25.65	2.24	24.72	2.31
		50	46	27.91	2.03	27.35	2.09	26.67	2.15	26.29	2.18	25.98	2.20	25.10	2.26
		55	51	28.05	2.00	27.58	2.05	27.07	2.10	26.76	2.13	26.52	2.14	25.73	2.19
		60	56	28.19	1.98	27.82	2.02	27.48	2.06	27.24	2.07	27.05	2.09	26.36	2.12
		63	59	28.27	1.97	27.96	2.00	27.72	2.03	27.53	2.04	27.38	2.05	26.74	2.07
		68	64	28.35	1.96	28.10	1.98	27.96	2.00	27.82	2.01	27.70	2.01	27.12	2.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 10: KUMXA241A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9+18	-13	-13.4	8.16	1.32	7.98	1.37	7.75	1.41	7.62	1.44	7.52	1.45	7.25	1.50
		-4	-4.4	12.07	1.51	11.80	1.56	11.46	1.61	11.28	1.64	11.13	1.66	10.72	1.71
		0	-0.4	13.83	1.58	13.52	1.63	13.14	1.69	12.92	1.72	12.75	1.74	12.29	1.79
		5	4.5	16.04	1.68	15.68	1.73	15.23	1.79	14.98	1.82	14.78	1.84	14.24	1.90
		10	9	17.33	1.76	16.94	1.82	16.46	1.88	16.19	1.91	15.97	1.94	15.39	2.00
		17	15	19.05	1.83	18.63	1.89	18.10	1.95	17.80	1.98	17.56	2.01	16.92	2.07
		20	19	20.31	1.86	19.85	1.92	19.29	1.98	18.97	2.01	18.72	2.04	18.04	2.10
		25	23	21.56	1.89	21.08	1.95	20.48	2.01	20.14	2.05	19.88	2.07	19.15	2.14
		30	28	23.13	1.92	22.61	1.99	21.97	2.05	21.61	2.09	21.32	2.11	20.54	2.18
		35	32	24.38	1.95	23.84	2.02	23.16	2.08	22.78	2.12	22.48	2.15	21.66	2.21
		40	36	25.64	1.98	25.06	2.05	24.35	2.12	23.95	2.15	23.63	2.18	22.77	2.25
		45	41	27.20	2.02	26.60	2.09	25.84	2.16	25.41	2.19	25.08	2.22	24.16	2.29
		47	43	27.83	2.04	27.21	2.11	26.43	2.17	26.00	2.21	25.65	2.24	24.72	2.31
		50	46	27.91	2.03	27.35	2.09	26.67	2.15	26.29	2.18	25.98	2.20	25.10	2.26
		55	51	28.05	2.00	27.58	2.05	27.07	2.10	26.76	2.13	26.52	2.14	25.73	2.19
		60	56	28.19	1.98	27.82	2.02	27.48	2.06	27.24	2.07	27.05	2.09	26.36	2.12
		63	59	28.27	1.97	27.96	2.00	27.72	2.03	27.53	2.04	27.38	2.05	26.74	2.07
		68	64	28.35	1.96	28.10	1.98	27.96	2.00	27.82	2.01	27.70	2.01	27.12	2.03
	12+15	-13	-13.4	8.16	1.32	7.98	1.37	7.75	1.41	7.62	1.44	7.52	1.45	7.25	1.50
		-4	-4.4	12.07	1.51	11.80	1.56	11.46	1.61	11.28	1.64	11.13	1.66	10.72	1.71
		0	-0.4	13.83	1.58	13.52	1.63	13.14	1.69	12.92	1.72	12.75	1.74	12.29	1.79
		5	4.5	16.04	1.68	15.68	1.73	15.23	1.79	14.98	1.82	14.78	1.84	14.24	1.90
		10	9	17.33	1.76	16.94	1.82	16.46	1.88	16.19	1.91	15.97	1.94	15.39	2.00
		17	15	19.05	1.83	18.63	1.89	18.10	1.95	17.80	1.98	17.56	2.01	16.92	2.07
		20	19	20.31	1.86	19.85	1.92	19.29	1.98	18.97	2.01	18.72	2.04	18.04	2.10
		25	23	21.56	1.89	21.08	1.95	20.48	2.01	20.14	2.05	19.88	2.07	19.15	2.14
		30	28	23.13	1.92	22.61	1.99	21.97	2.05	21.61	2.09	21.32	2.11	20.54	2.18
		35	32	24.38	1.95	23.84	2.02	23.16	2.08	22.78	2.12	22.48	2.15	21.66	2.21
		40	36	25.64	1.98	25.06	2.05	24.35	2.12	23.95	2.15	23.63	2.18	22.77	2.25
		45	41	27.20	2.02	26.60	2.09	25.84	2.16	25.41	2.19	25.08	2.22	24.16	2.29
		47	43	27.83	2.04	27.21	2.11	26.43	2.17	26.00	2.21	25.65	2.24	24.72	2.31
		50	46	27.91	2.03	27.35	2.09	26.67	2.15	26.29	2.18	25.98	2.20	25.10	2.26
		55	51	28.05	2.00	27.58	2.05	27.07	2.10	26.76	2.13	26.52	2.14	25.73	2.19
		60	56	28.19	1.98	27.82	2.02	27.48	2.06	27.24	2.07	27.05	2.09	26.36	2.12
		63	59	28.27	1.97	27.96	2.00	27.72	2.03	27.53	2.04	27.38	2.05	26.74	2.07
		68	64	28.35	1.96	28.10	1.98	27.96	2.00	27.82	2.01	27.70	2.01	27.12	2.03
	12+18	-13	-13.4	8.16	1.32	7.98	1.37	7.75	1.41	7.62	1.44	7.52	1.45	7.25	1.50
		-4	-4.4	12.07	1.51	11.80	1.56	11.46	1.61	11.28	1.64	11.13	1.66	10.72	1.71
		0	-0.4	13.83	1.58	13.52	1.63	13.14	1.69	12.92	1.72	12.75	1.74	12.29	1.79
		5	4.5	16.04	1.68	15.68	1.73	15.23	1.79	14.98	1.82	14.78	1.84	14.24	1.90
		10	9	17.33	1.76	16.94	1.82	16.46	1.88	16.19	1.91	15.97	1.94	15.39	2.00
		17	15	19.05	1.83	18.63	1.89	18.10	1.95	17.80	1.98	17.56	2.01	16.92	2.07
		20	19	20.31	1.86	19.85	1.92	19.29	1.98	18.97	2.01	18.72	2.04	18.04	2.10
		25	23	21.56	1.89	21.08	1.95	20.48	2.01	20.14	2.05	19.88	2.07	19.15	2.14
		30	28	23.13	1.92	22.61	1.99	21.97	2.05	21.61	2.09	21.32	2.11	20.54	2.18
		35	32	24.38	1.95	23.84	2.02	23.16	2.08	22.78	2.12	22.48	2.15	21.66	2.21
		40	36	25.64	1.98	25.06	2.05	24.35	2.12	23.95	2.15	23.63	2.18	22.77	2.25
		45	41	27.20	2.02	26.60	2.09	25.84	2.16	25.41	2.19	25.08	2.22	24.16	2.29
		47	43	27.83	2.04	27.21	2.11	26.43	2.17	26.00	2.21	25.65	2.24	24.72	2.31
		50	46	27.91	2.03	27.35	2.09	26.67	2.15	26.29	2.18	25.98	2.20	25.10	2.26
		55	51	28.05	2.00	27.58	2.05	27.07	2.10	26.76	2.13	26.52	2.14	25.73	2.19
		60	56	28.19	1.98	27.82	2.02	27.48	2.06	27.24	2.07	27.05	2.09	26.36	2.12
		63	59	28.27	1.97	27.96	2.00	27.72	2.03	27.53	2.04	27.38	2.05	26.74	2.07
		68	64	28.35	1.96	28.10	1.98	27.96	2.00	27.82	2.01	27.70	2.01	27.12	2.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 11: KUMXA241A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15+15	-13	-13.4	8.16	1.32	7.98	1.37	7.75	1.41	7.62	1.44	7.52	1.45	7.25	1.50
		-4	-4.4	12.07	1.51	11.80	1.56	11.46	1.61	11.28	1.64	11.13	1.66	10.72	1.71
		0	-0.4	13.83	1.58	13.52	1.63	13.14	1.69	12.92	1.72	12.75	1.74	12.29	1.79
		5	4.5	16.04	1.68	15.68	1.73	15.23	1.79	14.98	1.82	14.78	1.84	14.24	1.90
		10	9	17.33	1.76	16.94	1.82	16.46	1.88	16.19	1.91	15.97	1.94	15.39	2.00
		17	15	19.05	1.83	18.63	1.89	18.10	1.95	17.80	1.98	17.56	2.01	16.92	2.07
		20	19	20.31	1.86	19.85	1.92	19.29	1.98	18.97	2.01	18.72	2.04	18.04	2.10
		25	23	21.56	1.89	21.08	1.95	20.48	2.01	20.14	2.05	19.88	2.07	19.15	2.14
		30	28	23.13	1.92	22.61	1.99	21.97	2.05	21.61	2.09	21.32	2.11	20.54	2.18
		35	32	24.38	1.95	23.84	2.02	23.16	2.08	22.78	2.12	22.48	2.15	21.66	2.21
		40	36	25.64	1.98	25.06	2.05	24.35	2.12	23.95	2.15	23.63	2.18	22.77	2.25
		45	41	27.20	2.02	26.60	2.09	25.84	2.16	25.41	2.19	25.08	2.22	24.16	2.29
		47	43	27.83	2.04	27.21	2.11	26.43	2.17	26.00	2.21	25.65	2.24	24.72	2.31
		50	46	27.91	2.03	27.35	2.09	26.67	2.15	26.29	2.18	25.98	2.20	25.10	2.26
		55	51	28.05	2.00	27.58	2.05	27.07	2.10	26.76	2.13	26.52	2.14	25.73	2.19
		60	56	28.19	1.98	27.82	2.02	27.48	2.06	27.24	2.07	27.05	2.09	26.36	2.12
		63	59	28.27	1.97	27.96	2.00	27.72	2.03	27.53	2.04	27.38	2.05	26.74	2.07
		68	64	28.35	1.96	28.10	1.98	27.96	2.00	27.82	2.01	27.70	2.01	27.12	2.03
	15+18	-13	-13.4	8.16	1.32	7.98	1.37	7.75	1.41	7.62	1.44	7.52	1.45	7.25	1.50
		-4	-4.4	12.07	1.51	11.80	1.56	11.46	1.61	11.28	1.64	11.13	1.66	10.72	1.71
		0	-0.4	13.83	1.58	13.52	1.63	13.14	1.69	12.92	1.72	12.75	1.74	12.29	1.79
		5	4.5	16.04	1.68	15.68	1.73	15.23	1.79	14.98	1.82	14.78	1.84	14.24	1.90
		10	9	17.33	1.76	16.94	1.82	16.46	1.88	16.19	1.91	15.97	1.94	15.39	2.00
		17	15	19.05	1.83	18.63	1.89	18.10	1.95	17.80	1.98	17.56	2.01	16.92	2.07
		20	19	20.31	1.86	19.85	1.92	19.29	1.98	18.97	2.01	18.72	2.04	18.04	2.10
		25	23	21.56	1.89	21.08	1.95	20.48	2.01	20.14	2.05	19.88	2.07	19.15	2.14
		30	28	23.13	1.92	22.61	1.99	21.97	2.05	21.61	2.09	21.32	2.11	20.54	2.18
		35	32	24.38	1.95	23.84	2.02	23.16	2.08	22.78	2.12	22.48	2.15	21.66	2.21
		40	36	25.64	1.98	25.06	2.05	24.35	2.12	23.95	2.15	23.63	2.18	22.77	2.25
		45	41	27.20	2.02	26.60	2.09	25.84	2.16	25.41	2.19	25.08	2.22	24.16	2.29
		47	43	27.83	2.04	27.21	2.11	26.43	2.17	26.00	2.21	25.65	2.24	24.72	2.31
		50	46	27.91	2.03	27.35	2.09	26.67	2.15	26.29	2.18	25.98	2.20	25.10	2.26
		55	51	28.05	2.00	27.58	2.05	27.07	2.10	26.76	2.13	26.52	2.14	25.73	2.19
		60	56	28.19	1.98	27.82	2.02	27.48	2.06	27.24	2.07	27.05	2.09	26.36	2.12
		63	59	28.27	1.97	27.96	2.00	27.72	2.03	27.53	2.04	27.38	2.05	26.74	2.07
		68	64	28.35	1.96	28.10	1.98	27.96	2.00	27.82	2.01	27.70	2.01	27.12	2.03
Three (3) Non-Ducted Indoor Units	7+7+7	-13	-13.4	6.86	1.17	6.70	1.21	6.51	1.25	6.40	1.27	6.32	1.28	6.09	1.32
		-4	-4.4	10.14	1.33	9.91	1.37	9.63	1.42	9.47	1.44	9.35	1.46	9.01	1.51
		0	-0.4	11.62	1.40	11.36	1.44	11.03	1.49	10.85	1.51	10.71	1.53	10.32	1.58
		5	4.5	13.47	1.48	13.17	1.53	12.79	1.58	12.58	1.60	12.42	1.62	11.96	1.67
		10	9	14.56	1.56	14.23	1.61	13.82	1.66	13.60	1.69	13.42	1.71	12.93	1.76
		17	15	16.01	1.61	15.65	1.66	15.20	1.72	14.95	1.75	14.75	1.77	14.22	1.82
		20	19	17.06	1.64	16.68	1.69	16.20	1.75	15.94	1.78	15.72	1.80	15.15	1.85
		25	23	18.11	1.66	17.71	1.72	17.20	1.77	16.92	1.80	16.70	1.83	16.09	1.88
		30	28	19.43	1.70	18.99	1.75	18.45	1.81	18.15	1.84	17.91	1.87	17.26	1.92
		35	32	20.48	1.72	20.02	1.78	19.45	1.84	19.13	1.87	18.88	1.90	18.19	1.95
		40	36	21.53	1.75	21.05	1.81	20.45	1.87	20.12	1.90	19.85	1.92	19.13	1.98
		45	41	22.85	1.78	22.34	1.84	21.70	1.90	21.35	1.94	21.06	1.96	20.30	2.02
		47	43	23.38	1.80	22.86	1.86	22.20	1.92	21.84	1.95	21.55	1.98	20.77	2.04
		50	46	23.45	1.79	22.97	1.84	22.41	1.89	22.08	1.92	21.82	1.94	21.08	2.00
		55	51	23.56	1.77	23.17	1.81	22.74	1.85	22.48	1.88	22.27	1.89	21.61	1.93
		60	56	23.68	1.75	23.37	1.78	23.08	1.82	22.88	1.83	22.72	1.84	22.14	1.87
		63	59	23.74	1.74	23.49	1.77	23.28	1.79	23.12	1.80	23.00	1.81	22.46	1.83
		68	64	23.81	1.73	23.60	1.75	23.49	1.77	23.37	1.77	23.27	1.78	22.78	1.79

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 12: KUMXA241A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+7+9	-13	-13.4	7.51	1.20	7.34	1.24	7.13	1.28	7.01	1.31	6.92	1.32	6.67	1.36
		-4	-4.4	11.10	1.37	10.86	1.42	10.55	1.46	10.37	1.49	10.24	1.51	9.86	1.55
		0	-0.4	12.73	1.44	12.44	1.49	12.09	1.53	11.89	1.56	11.73	1.58	11.30	1.63
		5	4.5	14.75	1.52	14.42	1.57	14.01	1.62	13.78	1.65	13.60	1.67	13.10	1.73
		10	9	15.94	1.60	15.59	1.66	15.14	1.71	14.89	1.74	14.70	1.76	14.16	1.81
		17	15	17.53	1.66	17.14	1.71	16.65	1.77	16.38	1.80	16.16	1.82	15.57	1.88
		20	19	18.68	1.69	18.27	1.74	17.74	1.80	17.45	1.83	17.22	1.86	16.60	1.91
		25	23	19.84	1.72	19.39	1.77	18.84	1.83	18.53	1.86	18.29	1.89	17.62	1.94
		30	28	21.28	1.75	20.80	1.81	20.21	1.87	19.88	1.90	19.61	1.92	18.90	1.98
		35	32	22.43	1.78	21.93	1.84	21.30	1.89	20.96	1.93	20.68	1.95	19.93	2.01
		40	36	23.59	1.81	23.06	1.86	22.40	1.92	22.03	1.96	21.74	1.98	20.95	2.04
		45	41	25.03	1.84	24.47	1.90	23.77	1.96	23.38	2.00	23.07	2.02	22.23	2.08
		47	43	25.60	1.85	25.03	1.91	24.32	1.98	23.92	2.01	23.60	2.04	22.74	2.10
		50	46	25.68	1.84	25.16	1.90	24.54	1.95	24.18	1.98	23.90	2.00	23.09	2.06
		55	51	25.81	1.82	25.38	1.87	24.91	1.91	24.62	1.93	24.39	1.95	23.67	1.99
		60	56	25.93	1.80	25.59	1.84	25.28	1.87	25.06	1.89	24.89	1.90	24.25	1.93
		63	59	26.01	1.79	25.72	1.82	25.50	1.85	25.33	1.86	25.19	1.86	24.60	1.89
		68	64	26.08	1.78	25.85	1.80	25.72	1.82	25.59	1.83	25.49	1.83	24.95	1.85
	7+9+9	-13	-13.4	8.16	1.25	7.98	1.29	7.75	1.33	7.62	1.35	7.52	1.37	7.25	1.41
		-4	-4.4	12.07	1.42	11.80	1.47	11.46	1.51	11.28	1.54	11.13	1.56	10.72	1.61
		0	-0.4	13.83	1.49	13.52	1.54	13.14	1.59	12.92	1.62	12.75	1.64	12.29	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	17.33	1.66	16.94	1.71	16.46	1.77	16.19	1.80	15.97	1.82	15.39	1.88
		17	15	19.05	1.72	18.63	1.77	18.10	1.83	17.80	1.86	17.56	1.89	16.92	1.95
		20	19	20.31	1.75	19.85	1.80	19.29	1.86	18.97	1.89	18.72	1.92	18.04	1.98
		25	23	21.56	1.78	21.08	1.83	20.48	1.89	20.14	1.93	19.88	1.95	19.15	2.01
		30	28	23.13	1.81	22.61	1.87	21.97	1.93	21.61	1.96	21.32	1.99	20.54	2.05
		35	32	24.38	1.84	23.84	1.90	23.16	1.96	22.78	1.99	22.48	2.02	21.66	2.08
		40	36	25.64	1.87	25.06	1.93	24.35	1.99	23.95	2.03	23.63	2.05	22.77	2.11
		45	41	27.20	1.90	26.60	1.97	25.84	2.03	25.41	2.06	25.08	2.09	24.16	2.16
		47	43	27.83	1.92	27.21	1.98	26.43	2.04	26.00	2.08	25.65	2.11	24.72	2.17
		50	46	27.91	1.91	27.35	1.96	26.67	2.02	26.29	2.05	25.98	2.07	25.10	2.13
		55	51	28.05	1.89	27.58	1.93	27.07	1.98	26.76	2.00	26.52	2.02	25.73	2.06
		60	56	28.19	1.87	27.82	1.90	27.48	1.94	27.24	1.95	27.05	1.96	26.36	1.99
		63	59	28.27	1.85	27.96	1.88	27.72	1.91	27.53	1.92	27.38	1.93	26.74	1.95
		68	64	28.35	1.84	28.10	1.87	27.96	1.89	27.82	1.89	27.70	1.90	27.12	1.91
	7+7+12	-13	-13.4	8.16	1.25	7.98	1.29	7.75	1.33	7.62	1.35	7.52	1.37	7.25	1.41
		-4	-4.4	12.07	1.42	11.80	1.47	11.46	1.51	11.28	1.54	11.13	1.56	10.72	1.61
		0	-0.4	13.83	1.49	13.52	1.54	13.14	1.59	12.92	1.62	12.75	1.64	12.29	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	17.33	1.66	16.94	1.71	16.46	1.77	16.19	1.80	15.97	1.82	15.39	1.88
		17	15	19.05	1.72	18.63	1.77	18.10	1.83	17.80	1.86	17.56	1.89	16.92	1.95
		20	19	20.31	1.75	19.85	1.80	19.29	1.86	18.97	1.89	18.72	1.92	18.04	1.98
		25	23	21.56	1.78	21.08	1.83	20.48	1.89	20.14	1.93	19.88	1.95	19.15	2.01
		30	28	23.13	1.81	22.61	1.87	21.97	1.93	21.61	1.96	21.32	1.99	20.54	2.05
		35	32	24.38	1.84	23.84	1.90	23.16	1.96	22.78	1.99	22.48	2.02	21.66	2.08
		40	36	25.64	1.87	25.06	1.93	24.35	1.99	23.95	2.03	23.63	2.05	22.77	2.11
		45	41	27.20	1.90	26.60	1.97	25.84	2.03	25.41	2.06	25.08	2.09	24.16	2.16
		47	43	27.83	1.92	27.21	1.98	26.43	2.04	26.00	2.08	25.65	2.11	24.72	2.17
		50	46	27.91	1.91	27.35	1.96	26.67	2.02	26.29	2.05	25.98	2.07	25.10	2.13
		55	51	28.05	1.89	27.58	1.93	27.07	1.98	26.76	2.00	26.52	2.02	25.73	2.06
		60	56	28.19	1.87	27.82	1.90	27.48	1.94	27.24	1.95	27.05	1.96	26.36	1.99
		63	59	28.27	1.85	27.96	1.88	27.72	1.91	27.53	1.92	27.38	1.93	26.74	1.95
		68	64	28.35	1.84	28.10	1.87	27.96	1.89	27.82	1.89	27.70	1.90	27.12	1.91

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 13: KUMXA241A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9+9+9	-13	-13.4	8.16	1.25	7.98	1.29	7.75	1.33	7.62	1.35	7.52	1.37	7.25	1.41
		-4	-4.4	12.07	1.42	11.80	1.47	11.46	1.51	11.28	1.54	11.13	1.56	10.72	1.61
		0	-0.4	13.83	1.49	13.52	1.54	13.14	1.59	12.92	1.62	12.75	1.64	12.29	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	17.33	1.66	16.94	1.71	16.46	1.77	16.19	1.80	15.97	1.82	15.39	1.88
		17	15	19.05	1.72	18.63	1.77	18.10	1.83	17.80	1.86	17.56	1.89	16.92	1.95
		20	19	20.31	1.75	19.85	1.80	19.29	1.86	18.97	1.89	18.72	1.92	18.04	1.98
		25	23	21.56	1.78	21.08	1.83	20.48	1.89	20.14	1.93	19.88	1.95	19.15	2.01
		30	28	23.13	1.81	22.61	1.87	21.97	1.93	21.61	1.96	21.32	1.99	20.54	2.05
		35	32	24.38	1.84	23.84	1.90	23.16	1.96	22.78	1.99	22.48	2.02	21.66	2.08
		40	36	25.64	1.87	25.06	1.93	24.35	1.99	23.95	2.03	23.63	2.05	22.77	2.11
		45	41	27.20	1.90	26.60	1.97	25.84	2.03	25.41	2.06	25.08	2.09	24.16	2.16
		47	43	27.83	1.92	27.21	1.98	26.43	2.04	26.00	2.08	25.65	2.11	24.72	2.17
		50	46	27.91	1.91	27.35	1.96	26.67	2.02	26.29	2.05	25.98	2.07	25.10	2.13
		55	51	28.05	1.89	27.58	1.93	27.07	1.98	26.76	2.00	26.52	2.02	25.73	2.06
		60	56	28.19	1.87	27.82	1.90	27.48	1.94	27.24	1.95	27.05	1.96	26.36	1.99
		63	59	28.27	1.85	27.96	1.88	27.72	1.91	27.53	1.92	27.38	1.93	26.74	1.95
		68	64	28.35	1.84	28.10	1.87	27.96	1.89	27.82	1.89	27.70	1.90	27.12	1.91
	7+9+12	-13	-13.4	8.16	1.25	7.98	1.29	7.75	1.33	7.62	1.35	7.52	1.37	7.25	1.41
		-4	-4.4	12.07	1.42	11.80	1.47	11.46	1.51	11.28	1.54	11.13	1.56	10.72	1.61
		0	-0.4	13.83	1.49	13.52	1.54	13.14	1.59	12.92	1.62	12.75	1.64	12.29	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	17.33	1.66	16.94	1.71	16.46	1.77	16.19	1.80	15.97	1.82	15.39	1.88
		17	15	19.05	1.72	18.63	1.77	18.10	1.83	17.80	1.86	17.56	1.89	16.92	1.95
		20	19	20.31	1.75	19.85	1.80	19.29	1.86	18.97	1.89	18.72	1.92	18.04	1.98
		25	23	21.56	1.78	21.08	1.83	20.48	1.89	20.14	1.93	19.88	1.95	19.15	2.01
		30	28	23.13	1.81	22.61	1.87	21.97	1.93	21.61	1.96	21.32	1.99	20.54	2.05
		35	32	24.38	1.84	23.84	1.90	23.16	1.96	22.78	1.99	22.48	2.02	21.66	2.08
		40	36	25.64	1.87	25.06	1.93	24.35	1.99	23.95	2.03	23.63	2.05	22.77	2.11
		45	41	27.20	1.90	26.60	1.97	25.84	2.03	25.41	2.06	25.08	2.09	24.16	2.16
		47	43	27.83	1.92	27.21	1.98	26.43	2.04	26.00	2.08	25.65	2.11	24.72	2.17
		50	46	27.91	1.91	27.35	1.96	26.67	2.02	26.29	2.05	25.98	2.07	25.10	2.13
		55	51	28.05	1.89	27.58	1.93	27.07	1.98	26.76	2.00	26.52	2.02	25.73	2.06
		60	56	28.19	1.87	27.82	1.90	27.48	1.94	27.24	1.95	27.05	1.96	26.36	1.99
		63	59	28.27	1.85	27.96	1.88	27.72	1.91	27.53	1.92	27.38	1.93	26.74	1.95
		68	64	28.35	1.84	28.10	1.87	27.96	1.89	27.82	1.89	27.70	1.90	27.12	1.91
	7+7+15	-13	-13.4	8.16	1.25	7.98	1.29	7.75	1.33	7.62	1.35	7.52	1.37	7.25	1.41
		-4	-4.4	12.07	1.42	11.80	1.47	11.46	1.51	11.28	1.54	11.13	1.56	10.72	1.61
		0	-0.4	13.83	1.49	13.52	1.54	13.14	1.59	12.92	1.62	12.75	1.64	12.29	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	17.33	1.66	16.94	1.71	16.46	1.77	16.19	1.80	15.97	1.82	15.39	1.88
		17	15	19.05	1.72	18.63	1.77	18.10	1.83	17.80	1.86	17.56	1.89	16.92	1.95
		20	19	20.31	1.75	19.85	1.80	19.29	1.86	18.97	1.89	18.72	1.92	18.04	1.98
		25	23	21.56	1.78	21.08	1.83	20.48	1.89	20.14	1.93	19.88	1.95	19.15	2.01
		30	28	23.13	1.81	22.61	1.87	21.97	1.93	21.61	1.96	21.32	1.99	20.54	2.05
		35	32	24.38	1.84	23.84	1.90	23.16	1.96	22.78	1.99	22.48	2.02	21.66	2.08
		40	36	25.64	1.87	25.06	1.93	24.35	1.99	23.95	2.03	23.63	2.05	22.77	2.11
		45	41	27.20	1.90	26.60	1.97	25.84	2.03	25.41	2.06	25.08	2.09	24.16	2.16
		47	43	27.83	1.92	27.21	1.98	26.43	2.04	26.00	2.08	25.65	2.11	24.72	2.17
		50	46	27.91	1.91	27.35	1.96	26.67	2.02	26.29	2.05	25.98	2.07	25.10	2.13
		55	51	28.05	1.89	27.58	1.93	27.07	1.98	26.76	2.00	26.52	2.02	25.73	2.06
		60	56	28.19	1.87	27.82	1.90	27.48	1.94	27.24	1.95	27.05	1.96	26.36	1.99
		63	59	28.27	1.85	27.96	1.88	27.72	1.91	27.53	1.92	27.38	1.93	26.74	1.95
		68	64	28.35	1.84	28.10	1.87	27.96	1.89	27.82	1.89	27.70	1.90	27.12	1.91

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 14: KUMXA241A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9+9+12	-13	-13.4	8.16	1.25	7.98	1.29	7.75	1.33	7.62	1.35	7.52	1.37	7.25	1.41
		-4	-4.4	12.07	1.42	11.80	1.47	11.46	1.51	11.28	1.54	11.13	1.56	10.72	1.61
		0	-0.4	13.83	1.49	13.52	1.54	13.14	1.59	12.92	1.62	12.75	1.64	12.29	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	17.33	1.66	16.94	1.71	16.46	1.77	16.19	1.80	15.97	1.82	15.39	1.88
		17	15	19.05	1.72	18.63	1.77	18.10	1.83	17.80	1.86	17.56	1.89	16.92	1.95
		20	19	20.31	1.75	19.85	1.80	19.29	1.86	18.97	1.89	18.72	1.92	18.04	1.98
		25	23	21.56	1.78	21.08	1.83	20.48	1.89	20.14	1.93	19.88	1.95	19.15	2.01
		30	28	23.13	1.81	22.61	1.87	21.97	1.93	21.61	1.96	21.32	1.99	20.54	2.05
		35	32	24.38	1.84	23.84	1.90	23.16	1.96	22.78	1.99	22.48	2.02	21.66	2.08
		40	36	25.64	1.87	25.06	1.93	24.35	1.99	23.95	2.03	23.63	2.05	22.77	2.11
		45	41	27.20	1.90	26.60	1.97	25.84	2.03	25.41	2.06	25.08	2.09	24.16	2.16
		47	43	27.83	1.92	27.21	1.98	26.43	2.04	26.00	2.08	25.65	2.11	24.72	2.17
		50	46	27.91	1.91	27.35	1.96	26.67	2.02	26.29	2.05	25.98	2.07	25.10	2.13
		55	51	28.05	1.89	27.58	1.93	27.07	1.98	26.76	2.00	26.52	2.02	25.73	2.06
		60	56	28.19	1.87	27.82	1.90	27.48	1.94	27.24	1.95	27.05	1.96	26.36	1.99
		63	59	28.27	1.85	27.96	1.88	27.72	1.91	27.53	1.92	27.38	1.93	26.74	1.95
		68	64	28.35	1.84	28.10	1.87	27.96	1.89	27.82	1.89	27.70	1.90	27.12	1.91
	7+9+15	-13	-13.4	8.16	1.25	7.98	1.29	7.75	1.33	7.62	1.35	7.52	1.37	7.25	1.41
		-4	-4.4	12.07	1.42	11.80	1.47	11.46	1.51	11.28	1.54	11.13	1.56	10.72	1.61
		0	-0.4	13.83	1.49	13.52	1.54	13.14	1.59	12.92	1.62	12.75	1.64	12.29	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	17.33	1.66	16.94	1.71	16.46	1.77	16.19	1.80	15.97	1.82	15.39	1.88
		17	15	19.05	1.72	18.63	1.77	18.10	1.83	17.80	1.86	17.56	1.89	16.92	1.95
		20	19	20.31	1.75	19.85	1.80	19.29	1.86	18.97	1.89	18.72	1.92	18.04	1.98
		25	23	21.56	1.78	21.08	1.83	20.48	1.89	20.14	1.93	19.88	1.95	19.15	2.01
		30	28	23.13	1.81	22.61	1.87	21.97	1.93	21.61	1.96	21.32	1.99	20.54	2.05
		35	32	24.38	1.84	23.84	1.90	23.16	1.96	22.78	1.99	22.48	2.02	21.66	2.08
		40	36	25.64	1.87	25.06	1.93	24.35	1.99	23.95	2.03	23.63	2.05	22.77	2.11
		45	41	27.20	1.90	26.60	1.97	25.84	2.03	25.41	2.06	25.08	2.09	24.16	2.16
		47	43	27.83	1.92	27.21	1.98	26.43	2.04	26.00	2.08	25.65	2.11	24.72	2.17
		50	46	27.91	1.91	27.35	1.96	26.67	2.02	26.29	2.05	25.98	2.07	25.10	2.13
		55	51	28.05	1.89	27.58	1.93	27.07	1.98	26.76	2.00	26.52	2.02	25.73	2.06
		60	56	28.19	1.87	27.82	1.90	27.48	1.94	27.24	1.95	27.05	1.96	26.36	1.99
		63	59	28.27	1.85	27.96	1.88	27.72	1.91	27.53	1.92	27.38	1.93	26.74	1.95
		68	64	28.35	1.84	28.10	1.87	27.96	1.89	27.82	1.89	27.70	1.90	27.12	1.91
	7+12+12	-13	-13.4	8.16	1.25	7.98	1.29	7.75	1.33	7.62	1.35	7.52	1.37	7.25	1.41
		-4	-4.4	12.07	1.42	11.80	1.47	11.46	1.51	11.28	1.54	11.13	1.56	10.72	1.61
		0	-0.4	13.83	1.49	13.52	1.54	13.14	1.59	12.92	1.62	12.75	1.64	12.29	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	17.33	1.66	16.94	1.71	16.46	1.77	16.19	1.80	15.97	1.82	15.39	1.88
		17	15	19.05	1.72	18.63	1.77	18.10	1.83	17.80	1.86	17.56	1.89	16.92	1.95
		20	19	20.31	1.75	19.85	1.80	19.29	1.86	18.97	1.89	18.72	1.92	18.04	1.98
		25	23	21.56	1.78	21.08	1.83	20.48	1.89	20.14	1.93	19.88	1.95	19.15	2.01
		30	28	23.13	1.81	22.61	1.87	21.97	1.93	21.61	1.96	21.32	1.99	20.54	2.05
		35	32	24.38	1.84	23.84	1.90	23.16	1.96	22.78	1.99	22.48	2.02	21.66	2.08
		40	36	25.64	1.87	25.06	1.93	24.35	1.99	23.95	2.03	23.63	2.05	22.77	2.11
		45	41	27.20	1.90	26.60	1.97	25.84	2.03	25.41	2.06	25.08	2.09	24.16	2.16
		47	43	27.83	1.92	27.21	1.98	26.43	2.04	26.00	2.08	25.65	2.11	24.72	2.17
		50	46	27.91	1.91	27.35	1.96	26.67	2.02	26.29	2.05	25.98	2.07	25.10	2.13
		55	51	28.05	1.89	27.58	1.93	27.07	1.98	26.76	2.00	26.52	2.02	25.73	2.06
		60	56	28.19	1.87	27.82	1.90	27.48	1.94	27.24	1.95	27.05	1.96	26.36	1.99
		63	59	28.27	1.85	27.96	1.88	27.72	1.91	27.53	1.92	27.38	1.93	26.74	1.95
		68	64	28.35	1.84	28.10	1.87	27.96	1.89	27.82	1.89	27.70	1.90	27.12	1.91

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 15: KUMXA241A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+7+18	-13	-13.4	8.16	1.25	7.98	1.29	7.75	1.33	7.62	1.35	7.52	1.37	7.25	1.41
		-4	-4.4	12.07	1.42	11.80	1.47	11.46	1.51	11.28	1.54	11.13	1.56	10.72	1.61
		0	-0.4	13.83	1.49	13.52	1.54	13.14	1.59	12.92	1.62	12.75	1.64	12.29	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	17.33	1.66	16.94	1.71	16.46	1.77	16.19	1.80	15.97	1.82	15.39	1.88
		17	15	19.05	1.72	18.63	1.77	18.10	1.83	17.80	1.86	17.56	1.89	16.92	1.95
		20	19	20.31	1.75	19.85	1.80	19.29	1.86	18.97	1.89	18.72	1.92	18.04	1.98
		25	23	21.56	1.78	21.08	1.83	20.48	1.89	20.14	1.93	19.88	1.95	19.15	2.01
		30	28	23.13	1.81	22.61	1.87	21.97	1.93	21.61	1.96	21.32	1.99	20.54	2.05
		35	32	24.38	1.84	23.84	1.90	23.16	1.96	22.78	1.99	22.48	2.02	21.66	2.08
		40	36	25.64	1.87	25.06	1.93	24.35	1.99	23.95	2.03	23.63	2.05	22.77	2.11
		45	41	27.20	1.90	26.60	1.97	25.84	2.03	25.41	2.06	25.08	2.09	24.16	2.16
		47	43	27.83	1.92	27.21	1.98	26.43	2.04	26.00	2.08	25.65	2.11	24.72	2.17
		50	46	27.91	1.91	27.35	1.96	26.67	2.02	26.29	2.05	25.98	2.07	25.10	2.13
		55	51	28.05	1.89	27.58	1.93	27.07	1.98	26.76	2.00	26.52	2.02	25.73	2.06
		60	56	28.19	1.87	27.82	1.90	27.48	1.94	27.24	1.95	27.05	1.96	26.36	1.99
		63	59	28.27	1.85	27.96	1.88	27.72	1.91	27.53	1.92	27.38	1.93	26.74	1.95
		68	64	28.35	1.84	28.10	1.87	27.96	1.89	27.82	1.89	27.70	1.90	27.12	1.91
	9+9+15	-13	-13.4	8.16	1.25	7.98	1.29	7.75	1.33	7.62	1.35	7.52	1.37	7.25	1.41
		-4	-4.4	12.07	1.42	11.80	1.47	11.46	1.51	11.28	1.54	11.13	1.56	10.72	1.61
		0	-0.4	13.83	1.49	13.52	1.54	13.14	1.59	12.92	1.62	12.75	1.64	12.29	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	17.33	1.66	16.94	1.71	16.46	1.77	16.19	1.80	15.97	1.82	15.39	1.88
		17	15	19.05	1.72	18.63	1.77	18.10	1.83	17.80	1.86	17.56	1.89	16.92	1.95
		20	19	20.31	1.75	19.85	1.80	19.29	1.86	18.97	1.89	18.72	1.92	18.04	1.98
		25	23	21.56	1.78	21.08	1.83	20.48	1.89	20.14	1.93	19.88	1.95	19.15	2.01
		30	28	23.13	1.81	22.61	1.87	21.97	1.93	21.61	1.96	21.32	1.99	20.54	2.05
		35	32	24.38	1.84	23.84	1.90	23.16	1.96	22.78	1.99	22.48	2.02	21.66	2.08
		40	36	25.64	1.87	25.06	1.93	24.35	1.99	23.95	2.03	23.63	2.05	22.77	2.11
		45	41	27.20	1.90	26.60	1.97	25.84	2.03	25.41	2.06	25.08	2.09	24.16	2.16
		47	43	27.83	1.92	27.21	1.98	26.43	2.04	26.00	2.08	25.65	2.11	24.72	2.17
		50	46	27.91	1.91	27.35	1.96	26.67	2.02	26.29	2.05	25.98	2.07	25.10	2.13
		55	51	28.05	1.89	27.58	1.93	27.07	1.98	26.76	2.00	26.52	2.02	25.73	2.06
		60	56	28.19	1.87	27.82	1.90	27.48	1.94	27.24	1.95	27.05	1.96	26.36	1.99
		63	59	28.27	1.85	27.96	1.88	27.72	1.91	27.53	1.92	27.38	1.93	26.74	1.95
		68	64	28.35	1.84	28.10	1.87	27.96	1.89	27.82	1.89	27.70	1.90	27.12	1.91
	9+12+12	-13	-13.4	8.16	1.25	7.98	1.29	7.75	1.33	7.62	1.35	7.52	1.37	7.25	1.41
		-4	-4.4	12.07	1.42	11.80	1.47	11.46	1.51	11.28	1.54	11.13	1.56	10.72	1.61
		0	-0.4	13.83	1.49	13.52	1.54	13.14	1.59	12.92	1.62	12.75	1.64	12.29	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	17.33	1.66	16.94	1.71	16.46	1.77	16.19	1.80	15.97	1.82	15.39	1.88
		17	15	19.05	1.72	18.63	1.77	18.10	1.83	17.80	1.86	17.56	1.89	16.92	1.95
		20	19	20.31	1.75	19.85	1.80	19.29	1.86	18.97	1.89	18.72	1.92	18.04	1.98
		25	23	21.56	1.78	21.08	1.83	20.48	1.89	20.14	1.93	19.88	1.95	19.15	2.01
		30	28	23.13	1.81	22.61	1.87	21.97	1.93	21.61	1.96	21.32	1.99	20.54	2.05
		35	32	24.38	1.84	23.84	1.90	23.16	1.96	22.78	1.99	22.48	2.02	21.66	2.08
		40	36	25.64	1.87	25.06	1.93	24.35	1.99	23.95	2.03	23.63	2.05	22.77	2.11
		45	41	27.20	1.90	26.60	1.97	25.84	2.03	25.41	2.06	25.08	2.09	24.16	2.16
		47	43	27.83	1.92	27.21	1.98	26.43	2.04	26.00	2.08	25.65	2.11	24.72	2.17
		50	46	27.91	1.91	27.35	1.96	26.67	2.02	26.29	2.05	25.98	2.07	25.10	2.13
		55	51	28.05	1.89	27.58	1.93	27.07	1.98	26.76	2.00	26.52	2.02	25.73	2.06
		60	56	28.19	1.87	27.82	1.90	27.48	1.94	27.24	1.95	27.05	1.96	26.36	1.99
		63	59	28.27	1.85	27.96	1.88	27.72	1.91	27.53	1.92	27.38	1.93	26.74	1.95
		68	64	28.35	1.84	28.10	1.87	27.96	1.89	27.82	1.89	27.70	1.90	27.12	1.91

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 16: KUMXA241A Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9+9	-13	-13.4	6.08	1.26	5.94	1.30	5.77	1.34	5.68	1.36	5.60	1.38	5.40	1.42
		-4	-4.4	9.18	1.43	8.97	1.48	8.72	1.53	8.57	1.55	8.46	1.57	8.15	1.62
		0	-0.4	10.58	1.50	10.34	1.55	10.04	1.60	9.88	1.63	9.75	1.65	9.39	1.70
		5	4.5	12.32	1.59	12.05	1.64	11.70	1.70	11.51	1.72	11.36	1.75	10.95	1.80
		10	9	13.35	1.52	13.05	1.58	12.68	1.63	12.47	1.65	12.31	1.68	11.86	1.73
		17	15	14.72	1.48	14.39	1.53	13.98	1.58	13.75	1.60	13.57	1.62	13.07	1.67
		20	19	15.98	1.53	15.62	1.58	15.18	1.63	14.93	1.66	14.73	1.68	14.19	1.73
		25	23	17.24	1.58	16.86	1.63	16.37	1.68	16.11	1.71	15.89	1.73	15.32	1.79
		30	28	18.82	1.64	18.40	1.69	17.87	1.75	17.58	1.78	17.35	1.80	16.72	1.86
		35	32	20.08	1.69	19.63	1.74	19.07	1.80	18.76	1.83	18.51	1.86	17.84	1.91
		40	36	21.34	1.74	20.86	1.80	20.27	1.85	19.94	1.89	19.67	1.91	18.96	1.97
		45	41	22.92	1.80	22.41	1.86	21.77	1.92	21.41	1.95	21.13	1.98	20.36	2.04
		47	43	23.55	1.83	23.02	1.89	22.37	1.95	22.00	1.98	21.71	2.01	20.92	2.07
		50	46	23.62	1.81	23.14	1.87	22.57	1.92	22.24	1.95	21.98	1.97	21.24	2.03
		55	51	23.73	1.80	23.34	1.84	22.91	1.88	22.65	1.90	22.44	1.92	21.77	1.96
		60	56	23.85	1.78	23.54	1.81	23.25	1.84	23.05	1.86	22.89	1.87	22.31	1.90
		63	59	23.92	1.76	23.66	1.79	23.45	1.82	23.29	1.83	23.16	1.84	22.63	1.86
		68	64	23.99	1.75	23.78	1.78	23.66	1.80	23.54	1.80	23.44	1.80	22.95	1.82
	9+12	-13	-13.4	6.08	1.26	5.94	1.30	5.77	1.34	5.68	1.36	5.60	1.38	5.40	1.42
		-4	-4.4	9.18	1.43	8.97	1.48	8.72	1.53	8.57	1.55	8.46	1.57	8.15	1.62
		0	-0.4	10.58	1.50	10.34	1.55	10.04	1.60	9.88	1.63	9.75	1.65	9.39	1.70
		5	4.5	12.32	1.59	12.05	1.64	11.70	1.70	11.51	1.72	11.36	1.75	10.95	1.80
		10	9	13.35	1.52	13.05	1.58	12.68	1.63	12.47	1.65	12.31	1.68	11.86	1.73
		17	15	14.72	1.48	14.39	1.53	13.98	1.58	13.75	1.60	13.57	1.62	13.07	1.67
		20	19	15.98	1.53	15.62	1.58	15.18	1.63	14.93	1.66	14.73	1.68	14.19	1.73
		25	23	17.24	1.58	16.86	1.63	16.37	1.68	16.11	1.71	15.89	1.73	15.32	1.79
		30	28	18.82	1.64	18.40	1.69	17.87	1.75	17.58	1.78	17.35	1.80	16.72	1.86
		35	32	20.08	1.69	19.63	1.74	19.07	1.80	18.76	1.83	18.51	1.86	17.84	1.91
		40	36	21.34	1.74	20.86	1.80	20.27	1.85	19.94	1.89	19.67	1.91	18.96	1.97
		45	41	22.92	1.80	22.41	1.86	21.77	1.92	21.41	1.95	21.13	1.98	20.36	2.04
		47	43	23.55	1.83	23.02	1.89	22.37	1.95	22.00	1.98	21.71	2.01	20.92	2.07
		50	46	23.62	1.81	23.14	1.87	22.57	1.92	22.24	1.95	21.98	1.97	21.24	2.03
		55	51	23.73	1.80	23.34	1.84	22.91	1.88	22.65	1.90	22.44	1.92	21.77	1.96
		60	56	23.85	1.78	23.54	1.81	23.25	1.84	23.05	1.86	22.89	1.87	22.31	1.90
		63	59	23.92	1.76	23.66	1.79	23.45	1.82	23.29	1.83	23.16	1.84	22.63	1.86
		68	64	23.99	1.75	23.78	1.78	23.66	1.80	23.54	1.80	23.44	1.80	22.95	1.82
	12+12	-13	-13.4	6.63	1.23	6.48	1.27	6.30	1.31	6.20	1.34	6.11	1.35	5.89	1.39
		-4	-4.4	10.01	1.40	9.79	1.45	9.51	1.50	9.35	1.52	9.23	1.54	8.89	1.59
		0	-0.4	11.54	1.47	11.28	1.52	10.96	1.57	10.78	1.60	10.64	1.62	10.25	1.67
		5	4.5	13.44	1.56	13.14	1.61	12.77	1.66	12.56	1.69	12.39	1.71	11.94	1.76
		10	9	14.56	1.49	14.24	1.54	13.83	1.59	13.61	1.62	13.42	1.64	12.94	1.69
		17	15	16.06	1.45	15.70	1.50	15.25	1.54	15.00	1.57	14.80	1.59	14.26	1.64
		20	19	17.43	1.50	17.04	1.55	16.56	1.60	16.29	1.62	16.07	1.64	15.48	1.69
		25	23	18.81	1.55	18.39	1.60	17.86	1.65	17.57	1.68	17.34	1.70	16.71	1.75
		30	28	20.53	1.61	20.07	1.66	19.50	1.71	19.18	1.74	18.92	1.77	18.24	1.82
		35	32	21.91	1.65	21.42	1.71	20.80	1.76	20.46	1.79	20.19	1.82	19.46	1.87
		40	36	23.28	1.70	22.76	1.76	22.11	1.82	21.75	1.85	21.46	1.87	20.68	1.93
		45	41	25.00	1.76	24.44	1.82	23.75	1.88	23.36	1.91	23.05	1.94	22.21	2.00
		47	43	25.69	1.79	25.12	1.85	24.40	1.91	24.00	1.94	23.68	1.97	22.82	2.03
		50	46	25.77	1.78	25.25	1.83	24.62	1.88	24.26	1.91	23.98	1.93	23.17	1.99
		55	51	25.89	1.76	25.46	1.80	24.99	1.85	24.71	1.87	24.48	1.88	23.75	1.92
		60	56	26.02	1.74	25.68	1.77	25.36	1.81	25.15	1.82	24.97	1.83	24.33	1.86
		63	59	26.09	1.73	25.81	1.76	25.59	1.78	25.41	1.79	25.27	1.80	24.68	1.82
		68	64	26.17	1.72	25.94	1.74	25.81	1.76	25.68	1.76	25.57	1.77	25.04	1.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 17: KUMXA241A Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9+18	-13	-13.4	6.63	1.23	6.48	1.27	6.30	1.31	6.20	1.34	6.11	1.35	5.89	1.39
		-4	-4.4	10.01	1.40	9.79	1.45	9.51	1.50	9.35	1.52	9.23	1.54	8.89	1.59
		0	-0.4	11.54	1.47	11.28	1.52	10.96	1.57	10.78	1.60	10.64	1.62	10.25	1.67
		5	4.5	13.44	1.56	13.14	1.61	12.77	1.66	12.56	1.69	12.39	1.71	11.94	1.76
		10	9	14.56	1.49	14.24	1.54	13.83	1.59	13.61	1.62	13.42	1.64	12.94	1.69
		17	15	16.06	1.45	15.70	1.50	15.25	1.54	15.00	1.57	14.80	1.59	14.26	1.64
		20	19	17.43	1.50	17.04	1.55	16.56	1.60	16.29	1.62	16.07	1.64	15.48	1.69
		25	23	18.81	1.55	18.39	1.60	17.86	1.65	17.57	1.68	17.34	1.70	16.71	1.75
		30	28	20.53	1.61	20.07	1.66	19.50	1.71	19.18	1.74	18.92	1.77	18.24	1.82
		35	32	21.91	1.65	21.42	1.71	20.80	1.76	20.46	1.79	20.19	1.82	19.46	1.87
		40	36	23.28	1.70	22.76	1.76	22.11	1.82	21.75	1.85	21.46	1.87	20.68	1.93
		45	41	25.00	1.76	24.44	1.82	23.75	1.88	23.36	1.91	23.05	1.94	22.21	2.00
		47	43	25.69	1.79	25.12	1.85	24.40	1.91	24.00	1.94	23.68	1.97	22.82	2.03
		50	46	25.77	1.78	25.25	1.83	24.62	1.88	24.26	1.91	23.98	1.93	23.17	1.99
		55	51	25.89	1.76	25.46	1.80	24.99	1.85	24.71	1.87	24.48	1.88	23.75	1.92
		60	56	26.02	1.74	25.68	1.77	25.36	1.81	25.15	1.82	24.97	1.83	24.33	1.86
		63	59	26.09	1.73	25.81	1.76	25.59	1.78	25.41	1.79	25.27	1.80	24.68	1.82
		68	64	26.17	1.72	25.94	1.74	25.81	1.76	25.68	1.76	25.57	1.77	25.04	1.78
	12*+18*	-13	-13.4	6.63	1.23	6.48	1.27	6.30	1.31	6.20	1.34	6.11	1.35	5.89	1.39
		-4	-4.4	10.01	1.40	9.79	1.45	9.51	1.50	9.35	1.52	9.23	1.54	8.89	1.59
		0	-0.4	11.54	1.47	11.28	1.52	10.96	1.57	10.78	1.60	10.64	1.62	10.25	1.67
		5	4.5	13.44	1.56	13.14	1.61	12.77	1.66	12.56	1.69	12.39	1.71	11.94	1.76
		10	9	14.56	1.49	14.24	1.54	13.83	1.59	13.61	1.62	13.42	1.64	12.94	1.69
		17	15	16.06	1.45	15.70	1.50	15.25	1.54	15.00	1.57	14.80	1.59	14.26	1.64
		20	19	17.43	1.50	17.04	1.55	16.56	1.60	16.29	1.62	16.07	1.64	15.48	1.69
		25	23	18.81	1.55	18.39	1.60	17.86	1.65	17.57	1.68	17.34	1.70	16.71	1.75
		30	28	20.53	1.61	20.07	1.66	19.50	1.71	19.18	1.74	18.92	1.77	18.24	1.82
		35	32	21.91	1.65	21.42	1.71	20.80	1.76	20.46	1.79	20.19	1.82	19.46	1.87
		40	36	23.28	1.70	22.76	1.76	22.11	1.82	21.75	1.85	21.46	1.87	20.68	1.93
		45	41	25.00	1.76	24.44	1.82	23.75	1.88	23.36	1.91	23.05	1.94	22.21	2.00
		47	43	25.69	1.79	25.12	1.85	24.40	1.91	24.00	1.94	23.68	1.97	22.82	2.03
		50	46	25.77	1.78	25.25	1.83	24.62	1.88	24.26	1.91	23.98	1.93	23.17	1.99
		55	51	25.89	1.76	25.46	1.80	24.99	1.85	24.71	1.87	24.48	1.88	23.75	1.92
		60	56	26.02	1.74	25.68	1.77	25.36	1.81	25.15	1.82	24.97	1.83	24.33	1.86
		63	59	26.09	1.73	25.81	1.76	25.59	1.78	25.41	1.79	25.27	1.80	24.68	1.82
		68	64	26.17	1.72	25.94	1.74	25.81	1.76	25.68	1.76	25.57	1.77	25.04	1.78
Three (3) Ducted Indoor Units	9+9+9	-13	-13.4	6.63	1.23	6.48	1.27	6.30	1.31	6.20	1.34	6.11	1.35	5.89	1.39
		-4	-4.4	10.01	1.40	9.79	1.45	9.51	1.50	9.35	1.52	9.23	1.54	8.89	1.59
		0	-0.4	11.54	1.47	11.28	1.52	10.96	1.57	10.78	1.60	10.64	1.62	10.25	1.67
		5	4.5	13.44	1.56	13.14	1.61	12.77	1.66	12.56	1.69	12.39	1.71	11.94	1.76
		10	9	14.56	1.49	14.24	1.54	13.83	1.59	13.61	1.62	13.42	1.64	12.94	1.69
		17	15	16.06	1.45	15.70	1.50	15.25	1.54	15.00	1.57	14.80	1.59	14.26	1.64
		20	19	17.43	1.50	17.04	1.55	16.56	1.60	16.29	1.62	16.07	1.64	15.48	1.69
		25	23	18.81	1.55	18.39	1.60	17.86	1.65	17.57	1.68	17.34	1.70	16.71	1.75
		30	28	20.53	1.61	20.07	1.66	19.50	1.71	19.18	1.74	18.92	1.77	18.24	1.82
		35	32	21.91	1.65	21.42	1.71	20.80	1.76	20.46	1.79	20.19	1.82	19.46	1.87
		40	36	23.28	1.70	22.76	1.76	22.11	1.82	21.75	1.85	21.46	1.87	20.68	1.93
		45	41	25.00	1.76	24.44	1.82	23.75	1.88	23.36	1.91	23.05	1.94	22.21	2.00
		47	43	25.69	1.79	25.12	1.85	24.40	1.91	24.00	1.94	23.68	1.97	22.82	2.03
		50	46	25.77	1.78	25.25	1.83	24.62	1.88	24.26	1.91	23.98	1.93	23.17	1.99
		55	51	25.89	1.76	25.46	1.80	24.99	1.85	24.71	1.87	24.48	1.88	23.75	1.92
		60	56	26.02	1.74	25.68	1.77	25.36	1.81	25.15	1.82	24.97	1.83	24.33	1.86
		63	59	26.09	1.73	25.81	1.76	25.59	1.78	25.41	1.79	25.27	1.80	24.68	1.82
		68	64	26.17	1.72	25.94	1.74	25.81	1.76	25.68	1.76	25.57	1.77	25.04	1.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

MULTI F WITH **LGRED°**
MULTI F MAX

Heating Capacity Tables

Table 18: KUMXA241A Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9+9*+12*	-13	-13.4	6.63	1.23	6.48	1.27	6.30	1.31	6.20	1.34	6.11	1.35	5.89	1.39
		-4	-4.4	10.01	1.40	9.79	1.45	9.51	1.50	9.35	1.52	9.23	1.54	8.89	1.59
		0	-0.4	11.54	1.47	11.28	1.52	10.96	1.57	10.78	1.60	10.64	1.62	10.25	1.67
		5	4.5	13.44	1.56	13.14	1.61	12.77	1.66	12.56	1.69	12.39	1.71	11.94	1.76
		10	9	14.56	1.49	14.24	1.54	13.83	1.59	13.61	1.62	13.42	1.64	12.94	1.69
		17	15	16.06	1.45	15.70	1.50	15.25	1.54	15.00	1.57	14.80	1.59	14.26	1.64
		20	19	17.43	1.50	17.04	1.55	16.56	1.60	16.29	1.62	16.07	1.64	15.48	1.69
		25	23	18.81	1.55	18.39	1.60	17.86	1.65	17.57	1.68	17.34	1.70	16.71	1.75
		30	28	20.53	1.61	20.07	1.66	19.50	1.71	19.18	1.74	18.92	1.77	18.24	1.82
		35	32	21.91	1.65	21.42	1.71	20.80	1.76	20.46	1.79	20.19	1.82	19.46	1.87
		40	36	23.28	1.70	22.76	1.76	22.11	1.82	21.75	1.85	21.46	1.87	20.68	1.93
		45	41	25.00	1.76	24.44	1.82	23.75	1.88	23.36	1.91	23.05	1.94	22.21	2.00
		47	43	25.69	1.79	25.12	1.85	24.40	1.91	24.00	1.94	23.68	1.97	22.82	2.03
		50	46	25.77	1.78	25.25	1.83	24.62	1.88	24.26	1.91	23.98	1.93	23.17	1.99
		55	51	25.89	1.76	25.46	1.80	24.99	1.85	24.71	1.87	24.48	1.88	23.75	1.92
		60	56	26.02	1.74	25.68	1.77	25.36	1.81	25.15	1.82	24.97	1.83	24.33	1.86
		63	59	26.09	1.73	25.81	1.76	25.59	1.78	25.41	1.79	25.27	1.80	24.68	1.82
		68	64	26.17	1.72	25.94	1.74	25.81	1.76	25.68	1.76	25.57	1.77	25.04	1.78
	9*+12*+12*	-13	-13.4	6.63	1.23	6.48	1.27	6.30	1.31	6.20	1.34	6.11	1.35	5.89	1.39
		-4	-4.4	10.01	1.40	9.79	1.45	9.51	1.50	9.35	1.52	9.23	1.54	8.89	1.59
		0	-0.4	11.54	1.47	11.28	1.52	10.96	1.57	10.78	1.60	10.64	1.62	10.25	1.67
		5	4.5	13.44	1.56	13.14	1.61	12.77	1.66	12.56	1.69	12.39	1.71	11.94	1.76
		10	9	14.56	1.49	14.24	1.54	13.83	1.59	13.61	1.62	13.42	1.64	12.94	1.69
		17	15	16.06	1.45	15.70	1.50	15.25	1.54	15.00	1.57	14.80	1.59	14.26	1.64
		20	19	17.43	1.50	17.04	1.55	16.56	1.60	16.29	1.62	16.07	1.64	15.48	1.69
		25	23	18.81	1.55	18.39	1.60	17.86	1.65	17.57	1.68	17.34	1.70	16.71	1.75
		30	28	20.53	1.61	20.07	1.66	19.50	1.71	19.18	1.74	18.92	1.77	18.24	1.82
		35	32	21.91	1.65	21.42	1.71	20.80	1.76	20.46	1.79	20.19	1.82	19.46	1.87
		40	36	23.28	1.70	22.76	1.76	22.11	1.82	21.75	1.85	21.46	1.87	20.68	1.93
		45	41	25.00	1.76	24.44	1.82	23.75	1.88	23.36	1.91	23.05	1.94	22.21	2.00
		47	43	25.69	1.79	25.12	1.85	24.40	1.91	24.00	1.94	23.68	1.97	22.82	2.03
		50	46	25.77	1.78	25.25	1.83	24.62	1.88	24.26	1.91	23.98	1.93	23.17	1.99
		55	51	25.89	1.76	25.46	1.80	24.99	1.85	24.71	1.87	24.48	1.88	23.75	1.92
		60	56	26.02	1.74	25.68	1.77	25.36	1.81	25.15	1.82	24.97	1.83	24.33	1.86
		63	59	26.09	1.73	25.81	1.76	25.59	1.78	25.41	1.79	25.27	1.80	24.68	1.82
		68	64	26.17	1.72	25.94	1.74	25.81	1.76	25.68	1.76	25.57	1.77	25.04	1.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 19: KUMXA241A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7+9	-13	-13.4	6.97	1.07	6.81	1.11	6.62	1.14	6.51	1.16	6.42	1.18	6.19	1.21
		-4	-4.4	9.48	1.22	9.27	1.26	9.01	1.30	8.86	1.32	8.74	1.34	8.42	1.38
		0	-0.4	10.62	1.28	10.38	1.32	10.09	1.36	9.92	1.39	9.79	1.41	9.43	1.45
		5	4.5	12.04	1.35	11.77	1.40	11.43	1.44	11.25	1.47	11.10	1.49	10.69	1.53
		10	9	12.87	1.41	12.58	1.45	12.22	1.50	12.03	1.53	11.87	1.55	11.43	1.59
		17	15	13.98	1.44	13.67	1.49	13.28	1.54	13.06	1.57	12.89	1.59	12.42	1.64
		20	19	14.97	1.48	14.64	1.53	14.22	1.58	13.99	1.60	13.80	1.63	13.30	1.67
		25	23	15.96	1.51	15.60	1.56	15.16	1.61	14.91	1.64	14.71	1.66	14.18	1.71
		30	28	17.19	1.56	16.81	1.61	16.33	1.66	16.06	1.69	15.85	1.71	15.27	1.76
		35	32	18.18	1.59	17.77	1.64	17.27	1.70	16.98	1.73	16.76	1.75	16.15	1.80
		40	36	19.17	1.63	18.74	1.68	18.20	1.73	17.91	1.76	17.67	1.79	17.03	1.84
		45	41	20.40	1.67	19.95	1.73	19.38	1.78	19.06	1.81	18.81	1.84	18.12	1.89
		47	43	20.89	1.69	20.43	1.74	19.84	1.80	19.52	1.83	19.26	1.85	18.56	1.91
		50	46	20.96	1.68	20.53	1.73	20.03	1.78	19.74	1.80	19.50	1.83	18.84	1.87
		55	51	21.06	1.66	20.71	1.70	20.33	1.74	20.09	1.76	19.91	1.78	19.32	1.81
		60	56	21.16	1.64	20.89	1.67	20.63	1.70	20.45	1.72	20.31	1.73	19.79	1.75
		63	59	21.22	1.63	20.99	1.66	20.81	1.68	20.67	1.69	20.55	1.70	20.08	1.72
		68	64	21.28	1.62	21.10	1.64	20.99	1.66	20.88	1.66	20.80	1.67	20.36	1.68
	9+9	-13	-13.4	7.85	1.16	7.68	1.20	7.46	1.23	7.33	1.26	7.24	1.27	6.97	1.31
		-4	-4.4	10.69	1.32	10.45	1.36	10.15	1.41	9.99	1.43	9.85	1.45	9.49	1.49
		0	-0.4	11.97	1.38	11.70	1.43	11.37	1.48	11.18	1.50	11.03	1.52	10.63	1.57
		5	4.5	13.57	1.47	13.26	1.51	12.89	1.56	12.68	1.59	12.51	1.61	12.05	1.66
		10	9	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.67	12.89	1.72
		17	15	15.76	1.56	15.41	1.61	14.97	1.67	14.72	1.69	14.53	1.72	14.00	1.77
		20	19	16.87	1.60	16.50	1.65	16.02	1.71	15.76	1.74	15.55	1.76	14.99	1.81
		25	23	17.99	1.64	17.58	1.69	17.08	1.75	16.80	1.78	16.58	1.80	15.98	1.85
		30	28	19.38	1.68	18.94	1.74	18.40	1.80	18.10	1.83	17.86	1.85	17.21	1.91
		35	32	20.49	1.72	20.03	1.78	19.46	1.84	19.14	1.87	18.89	1.89	18.20	1.95
		40	36	21.60	1.76	21.12	1.82	20.52	1.88	20.18	1.91	19.91	1.93	19.19	1.99
		45	41	22.99	1.81	22.48	1.87	21.84	1.93	21.48	1.96	21.19	1.99	20.42	2.05
		47	43	23.55	1.83	23.02	1.89	22.37	1.95	22.00	1.98	21.71	2.01	20.92	2.07
		50	46	23.62	1.81	23.14	1.87	22.57	1.92	22.24	1.95	21.98	1.97	21.24	2.03
		55	51	23.73	1.80	23.34	1.84	22.91	1.88	22.65	1.90	22.44	1.92	21.77	1.96
		60	56	23.85	1.78	23.54	1.81	23.25	1.84	23.05	1.86	22.89	1.87	22.31	1.90
		63	59	23.92	1.76	23.66	1.79	23.45	1.82	23.29	1.83	23.16	1.84	22.63	1.86
		68	64	23.99	1.75	23.78	1.78	23.66	1.80	23.54	1.80	23.44	1.80	22.95	1.82
	7+12	-13	-13.4	7.85	1.16	7.68	1.20	7.46	1.23	7.33	1.26	7.24	1.27	6.97	1.31
		-4	-4.4	10.69	1.32	10.45	1.36	10.15	1.41	9.99	1.43	9.85	1.45	9.49	1.49
		0	-0.4	11.97	1.38	11.70	1.43	11.37	1.48	11.18	1.50	11.03	1.52	10.63	1.57
		5	4.5	13.57	1.47	13.26	1.51	12.89	1.56	12.68	1.59	12.51	1.61	12.05	1.66
		10	9	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.67	12.89	1.72
		17	15	15.76	1.56	15.41	1.61	14.97	1.67	14.72	1.69	14.53	1.72	14.00	1.77
		20	19	16.87	1.60	16.50	1.65	16.02	1.71	15.76	1.74	15.55	1.76	14.99	1.81
		25	23	17.99	1.64	17.58	1.69	17.08	1.75	16.80	1.78	16.58	1.80	15.98	1.85
		30	28	19.38	1.68	18.94	1.74	18.40	1.80	18.10	1.83	17.86	1.85	17.21	1.91
		35	32	20.49	1.72	20.03	1.78	19.46	1.84	19.14	1.87	18.89	1.89	18.20	1.95
		40	36	21.60	1.76	21.12	1.82	20.52	1.88	20.18	1.91	19.91	1.93	19.19	1.99
		45	41	22.99	1.81	22.48	1.87	21.84	1.93	21.48	1.96	21.19	1.99	20.42	2.05
		47	43	23.55	1.83	23.02	1.89	22.37	1.95	22.00	1.98	21.71	2.01	20.92	2.07
		50	46	23.62	1.81	23.14	1.87	22.57	1.92	22.24	1.95	21.98	1.97	21.24	2.03
		55	51	23.73	1.80	23.34	1.84	22.91	1.88	22.65	1.90	22.44	1.92	21.77	1.96
		60	56	23.85	1.78	23.54	1.81	23.25	1.84	23.05	1.86	22.89	1.87	22.31	1.90
		63	59	23.92	1.76	23.66	1.79	23.45	1.82	23.29	1.83	23.16	1.84	22.63	1.86
		68	64	23.99	1.75	23.78	1.78	23.66	1.80	23.54	1.80	23.44	1.80	22.95	1.82

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 20: KUMXA241A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9+12	-13	-13.4	8.09	1.19	7.91	1.23	7.68	1.27	7.55	1.29	7.45	1.31	7.18	1.34
		-4	-4.4	11.01	1.35	10.76	1.40	10.46	1.44	10.28	1.47	10.15	1.49	9.78	1.53
		0	-0.4	12.33	1.42	12.05	1.47	11.71	1.51	11.52	1.54	11.36	1.56	10.95	1.61
		5	4.5	13.98	1.50	13.66	1.55	13.27	1.60	13.06	1.63	12.88	1.65	12.41	1.70
		10	9	14.94	1.56	14.61	1.61	14.19	1.66	13.96	1.69	13.77	1.72	13.27	1.77
		17	15	16.23	1.60	15.87	1.65	15.42	1.71	15.16	1.74	14.96	1.76	14.42	1.81
		20	19	17.38	1.64	16.99	1.69	16.51	1.75	16.24	1.78	16.02	1.80	15.44	1.86
		25	23	18.53	1.68	18.11	1.73	17.59	1.79	17.31	1.82	17.08	1.85	16.46	1.90
		30	28	19.96	1.73	19.51	1.78	18.95	1.84	18.64	1.87	18.40	1.90	17.73	1.96
		35	32	21.10	1.77	20.63	1.82	20.04	1.88	19.72	1.91	19.45	1.94	18.75	2.00
		40	36	22.25	1.80	21.75	1.86	21.13	1.92	20.79	1.96	20.51	1.98	19.76	2.04
		45	41	23.68	1.85	23.15	1.91	22.49	1.98	22.12	2.01	21.83	2.04	21.04	2.10
		47	43	24.26	1.87	23.71	1.93	23.04	2.00	22.66	2.03	22.36	2.06	21.55	2.12
		50	46	24.33	1.86	23.84	1.92	23.25	1.97	22.91	2.00	22.64	2.02	21.88	2.08
		55	51	24.45	1.84	24.04	1.89	23.60	1.93	23.33	1.95	23.11	1.97	22.43	2.01
		60	56	24.56	1.82	24.24	1.86	23.95	1.89	23.74	1.90	23.58	1.92	22.97	1.95
		63	59	24.64	1.81	24.37	1.84	24.16	1.87	23.99	1.88	23.86	1.88	23.30	1.91
		68	64	24.71	1.80	24.49	1.82	24.37	1.84	24.24	1.85	24.14	1.85	23.64	1.87
	9+15	-13	-13.4	8.92	1.21	8.72	1.25	8.47	1.29	8.33	1.31	8.22	1.33	7.92	1.37
		-4	-4.4	12.15	1.38	11.87	1.42	11.54	1.47	11.35	1.50	11.20	1.52	10.79	1.56
		0	-0.4	13.60	1.45	13.30	1.50	12.92	1.54	12.71	1.57	12.54	1.59	12.08	1.64
		5	4.5	15.42	1.53	15.07	1.58	14.64	1.63	14.40	1.66	14.21	1.68	13.70	1.74
		10	9	16.49	1.59	16.12	1.64	15.66	1.70	15.40	1.73	15.20	1.75	14.64	1.80
		17	15	17.91	1.63	17.51	1.69	17.01	1.74	16.73	1.77	16.51	1.80	15.91	1.85
		20	19	19.17	1.67	18.75	1.73	18.21	1.78	17.91	1.81	17.67	1.84	17.03	1.89
		25	23	20.44	1.71	19.98	1.77	19.41	1.83	19.09	1.86	18.84	1.88	18.15	1.94
		30	28	22.02	1.76	21.53	1.82	20.91	1.88	20.57	1.91	20.30	1.94	19.56	1.99
		35	32	23.28	1.80	22.76	1.86	22.11	1.92	21.75	1.95	21.46	1.98	20.68	2.04
		40	36	24.55	1.84	24.00	1.90	23.31	1.96	22.93	2.00	22.63	2.02	21.81	2.08
		45	41	26.13	1.89	25.54	1.95	24.81	2.01	24.41	2.05	24.08	2.08	23.21	2.14
		47	43	26.76	1.91	26.16	1.97	25.42	2.03	25.00	2.07	24.67	2.10	23.77	2.16
		50	46	26.84	1.90	26.30	1.95	25.65	2.01	25.28	2.04	24.98	2.06	24.13	2.12
		55	51	26.97	1.88	26.52	1.92	26.03	1.97	25.73	1.99	25.50	2.01	24.74	2.05
		60	56	27.10	1.86	26.75	1.89	26.42	1.93	26.19	1.94	26.01	1.95	25.35	1.98
		63	59	27.18	1.84	26.88	1.87	26.65	1.90	26.47	1.91	26.32	1.92	25.71	1.94
		68	64	27.26	1.83	27.02	1.86	26.89	1.88	26.75	1.88	26.64	1.89	26.08	1.90
	12+12	-13	-13.4	8.92	1.21	8.72	1.25	8.47	1.29	8.33	1.31	8.22	1.33	7.92	1.37
		-4	-4.4	12.15	1.38	11.87	1.42	11.54	1.47	11.35	1.50	11.20	1.52	10.79	1.56
		0	-0.4	13.60	1.45	13.30	1.50	12.92	1.54	12.71	1.57	12.54	1.59	12.08	1.64
		5	4.5	15.42	1.53	15.07	1.58	14.64	1.63	14.40	1.66	14.21	1.68	13.70	1.74
		10	9	16.49	1.59	16.12	1.64	15.66	1.70	15.40	1.73	15.20	1.75	14.64	1.80
		17	15	17.91	1.63	17.51	1.69	17.01	1.74	16.73	1.77	16.51	1.80	15.91	1.85
		20	19	19.17	1.67	18.75	1.73	18.21	1.78	17.91	1.81	17.67	1.84	17.03	1.89
		25	23	20.44	1.71	19.98	1.77	19.41	1.83	19.09	1.86	18.84	1.88	18.15	1.94
		30	28	22.02	1.76	21.53	1.82	20.91	1.88	20.57	1.91	20.30	1.94	19.56	1.99
		35	32	23.28	1.80	22.76	1.86	22.11	1.92	21.75	1.95	21.46	1.98	20.68	2.04
		40	36	24.55	1.84	24.00	1.90	23.31	1.96	22.93	2.00	22.63	2.02	21.81	2.08
		45	41	26.13	1.89	25.54	1.95	24.81	2.01	24.41	2.05	24.08	2.08	23.21	2.14
		47	43	26.76	1.91	26.16	1.97	25.42	2.03	25.00	2.07	24.67	2.10	23.77	2.16
		50	46	26.84	1.90	26.30	1.95	25.65	2.01	25.28	2.04	24.98	2.06	24.13	2.12
		55	51	26.97	1.88	26.52	1.92	26.03	1.97	25.73	1.99	25.50	2.01	24.74	2.05
		60	56	27.10	1.86	26.75	1.89	26.42	1.93	26.19	1.94	26.01	1.95	25.35	1.98
		63	59	27.18	1.84	26.88	1.87	26.65	1.90	26.47	1.91	26.32	1.92	25.71	1.94
		68	64	27.26	1.83	27.02	1.86	26.89	1.88	26.75	1.88	26.64	1.89	26.08	1.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 21: KUMXA241A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7+18	-13	-13.4	8.92	1.21	8.72	1.25	8.47	1.29	8.33	1.31	8.22	1.33	7.92	1.37
		-4	-4.4	12.15	1.38	11.87	1.42	11.54	1.47	11.35	1.50	11.20	1.52	10.79	1.56
		0	-0.4	13.60	1.45	13.30	1.50	12.92	1.54	12.71	1.57	12.54	1.59	12.08	1.64
		5	4.5	15.42	1.53	15.07	1.58	14.64	1.63	14.40	1.66	14.21	1.68	13.70	1.74
		10	9	16.49	1.59	16.12	1.64	15.66	1.70	15.40	1.73	15.20	1.75	14.64	1.80
		17	15	17.91	1.63	17.51	1.69	17.01	1.74	16.73	1.77	16.51	1.80	15.91	1.85
		20	19	19.17	1.67	18.75	1.73	18.21	1.78	17.91	1.81	17.67	1.84	17.03	1.89
		25	23	20.44	1.71	19.98	1.77	19.41	1.83	19.09	1.86	18.84	1.88	18.15	1.94
		30	28	22.02	1.76	21.53	1.82	20.91	1.88	20.57	1.91	20.30	1.94	19.56	1.99
		35	32	23.28	1.80	22.76	1.86	22.11	1.92	21.75	1.95	21.46	1.98	20.68	2.04
		40	36	24.55	1.84	24.00	1.90	23.31	1.96	22.93	2.00	22.63	2.02	21.81	2.08
		45	41	26.13	1.89	25.54	1.95	24.81	2.01	24.41	2.05	24.08	2.08	23.21	2.14
		47	43	26.76	1.91	26.16	1.97	25.42	2.03	25.00	2.07	24.67	2.10	23.77	2.16
		50	46	26.84	1.90	26.30	1.95	25.65	2.01	25.28	2.04	24.98	2.06	24.13	2.12
		55	51	26.97	1.88	26.52	1.92	26.03	1.97	25.73	1.99	25.50	2.01	24.74	2.05
		60	56	27.10	1.86	26.75	1.89	26.42	1.93	26.19	1.94	26.01	1.95	25.35	1.98
		63	59	27.18	1.84	26.88	1.87	26.65	1.90	26.47	1.91	26.32	1.92	25.71	1.94
		68	64	27.26	1.83	27.02	1.86	26.89	1.88	26.75	1.88	26.64	1.89	26.08	1.90
	9+18	-13	-13.4	8.92	1.21	8.72	1.25	8.47	1.29	8.33	1.31	8.22	1.33	7.92	1.37
		-4	-4.4	12.15	1.38	11.87	1.42	11.54	1.47	11.35	1.50	11.20	1.52	10.79	1.56
		0	-0.4	13.60	1.45	13.30	1.50	12.92	1.54	12.71	1.57	12.54	1.59	12.08	1.64
		5	4.5	15.42	1.53	15.07	1.58	14.64	1.63	14.40	1.66	14.21	1.68	13.70	1.74
		10	9	16.49	1.59	16.12	1.64	15.66	1.70	15.40	1.73	15.20	1.75	14.64	1.80
		17	15	17.91	1.63	17.51	1.69	17.01	1.74	16.73	1.77	16.51	1.80	15.91	1.85
		20	19	19.17	1.67	18.75	1.73	18.21	1.78	17.91	1.81	17.67	1.84	17.03	1.89
		25	23	20.44	1.71	19.98	1.77	19.41	1.83	19.09	1.86	18.84	1.88	18.15	1.94
		30	28	22.02	1.76	21.53	1.82	20.91	1.88	20.57	1.91	20.30	1.94	19.56	1.99
		35	32	23.28	1.80	22.76	1.86	22.11	1.92	21.75	1.95	21.46	1.98	20.68	2.04
		40	36	24.55	1.84	24.00	1.90	23.31	1.96	22.93	2.00	22.63	2.02	21.81	2.08
		45	41	26.13	1.89	25.54	1.95	24.81	2.01	24.41	2.05	24.08	2.08	23.21	2.14
		47	43	26.76	1.91	26.16	1.97	25.42	2.03	25.00	2.07	24.67	2.10	23.77	2.16
		50	46	26.84	1.90	26.30	1.95	25.65	2.01	25.28	2.04	24.98	2.06	24.13	2.12
		55	51	26.97	1.88	26.52	1.92	26.03	1.97	25.73	1.99	25.50	2.01	24.74	2.05
		60	56	27.10	1.86	26.75	1.89	26.42	1.93	26.19	1.94	26.01	1.95	25.35	1.98
		63	59	27.18	1.84	26.88	1.87	26.65	1.90	26.47	1.91	26.32	1.92	25.71	1.94
		68	64	27.26	1.83	27.02	1.86	26.89	1.88	26.75	1.88	26.64	1.89	26.08	1.90
	12+15	-13	-13.4	8.92	1.21	8.72	1.25	8.47	1.29	8.33	1.31	8.22	1.33	7.92	1.37
		-4	-4.4	12.15	1.38	11.87	1.42	11.54	1.47	11.35	1.50	11.20	1.52	10.79	1.56
		0	-0.4	13.60	1.45	13.30	1.50	12.92	1.54	12.71	1.57	12.54	1.59	12.08	1.64
		5	4.5	15.42	1.53	15.07	1.58	14.64	1.63	14.40	1.66	14.21	1.68	13.70	1.74
		10	9	16.49	1.59	16.12	1.64	15.66	1.70	15.40	1.73	15.20	1.75	14.64	1.80
		17	15	17.91	1.63	17.51	1.69	17.01	1.74	16.73	1.77	16.51	1.80	15.91	1.85
		20	19	19.17	1.67	18.75	1.73	18.21	1.78	17.91	1.81	17.67	1.84	17.03	1.89
		25	23	20.44	1.71	19.98	1.77	19.41	1.83	19.09	1.86	18.84	1.88	18.15	1.94
		30	28	22.02	1.76	21.53	1.82	20.91	1.88	20.57	1.91	20.30	1.94	19.56	1.99
		35	32	23.28	1.80	22.76	1.86	22.11	1.92	21.75	1.95	21.46	1.98	20.68	2.04
		40	36	24.55	1.84	24.00	1.90	23.31	1.96	22.93	2.00	22.63	2.02	21.81	2.08
		45	41	26.13	1.89	25.54	1.95	24.81	2.01	24.41	2.05	24.08	2.08	23.21	2.14
		47	43	26.76	1.91	26.16	1.97	25.42	2.03	25.00	2.07	24.67	2.10	23.77	2.16
		50	46	26.84	1.90	26.30	1.95	25.65	2.01	25.28	2.04	24.98	2.06	24.13	2.12
		55	51	26.97	1.88	26.52	1.92	26.03	1.97	25.73	1.99	25.50	2.01	24.74	2.05
		60	56	27.10	1.86	26.75	1.89	26.42	1.93	26.19	1.94	26.01	1.95	25.35	1.98
		63	59	27.18	1.84	26.88	1.87	26.65	1.90	26.47	1.91	26.32	1.92	25.71	1.94
		68	64	27.26	1.83	27.02	1.86	26.89	1.88	26.75	1.88	26.64	1.89	26.08	1.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 22: KUMXA241A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12*+18*	-13	-13.4	8.92	1.21	8.72	1.25	8.47	1.29	8.33	1.31	8.22	1.33	7.92	1.37
		-4	-4.4	12.15	1.38	11.87	1.42	11.54	1.47	11.35	1.50	11.20	1.52	10.79	1.56
		0	-0.4	13.60	1.45	13.30	1.50	12.92	1.54	12.71	1.57	12.54	1.59	12.08	1.64
		5	4.5	15.42	1.53	15.07	1.58	14.64	1.63	14.40	1.66	14.21	1.68	13.70	1.74
		10	9	16.49	1.59	16.12	1.64	15.66	1.70	15.40	1.73	15.20	1.75	14.64	1.80
		17	15	17.91	1.63	17.51	1.69	17.01	1.74	16.73	1.77	16.51	1.80	15.91	1.85
		20	19	19.17	1.67	18.75	1.73	18.21	1.78	17.91	1.81	17.67	1.84	17.03	1.89
		25	23	20.44	1.71	19.98	1.77	19.41	1.83	19.09	1.86	18.84	1.88	18.15	1.94
		30	28	22.02	1.76	21.53	1.82	20.91	1.88	20.57	1.91	20.30	1.94	19.56	1.99
		35	32	23.28	1.80	22.76	1.86	22.11	1.92	21.75	1.95	21.46	1.98	20.68	2.04
		40	36	24.55	1.84	24.00	1.90	23.31	1.96	22.93	2.00	22.63	2.02	21.81	2.08
		45	41	26.13	1.89	25.54	1.95	24.81	2.01	24.41	2.05	24.08	2.08	23.21	2.14
		47	43	26.76	1.91	26.16	1.97	25.42	2.03	25.00	2.07	24.67	2.10	23.77	2.16
		50	46	26.84	1.90	26.30	1.95	25.65	2.01	25.28	2.04	24.98	2.06	24.13	2.12
		55	51	26.97	1.88	26.52	1.92	26.03	1.97	25.73	1.99	25.50	2.01	24.74	2.05
		60	56	27.10	1.86	26.75	1.89	26.42	1.93	26.19	1.94	26.01	1.95	25.35	1.98
		63	59	27.18	1.84	26.88	1.87	26.65	1.90	26.47	1.91	26.32	1.92	25.71	1.94
		68	64	27.26	1.83	27.02	1.86	26.89	1.88	26.75	1.88	26.64	1.89	26.08	1.90
	15+18*	-13	-13.4	8.92	1.21	8.72	1.25	8.47	1.29	8.33	1.31	8.22	1.33	7.92	1.37
		-4	-4.4	12.15	1.38	11.87	1.42	11.54	1.47	11.35	1.50	11.20	1.52	10.79	1.56
		0	-0.4	13.60	1.45	13.30	1.50	12.92	1.54	12.71	1.57	12.54	1.59	12.08	1.64
		5	4.5	15.42	1.53	15.07	1.58	14.64	1.63	14.40	1.66	14.21	1.68	13.70	1.74
		10	9	16.49	1.59	16.12	1.64	15.66	1.70	15.40	1.73	15.20	1.75	14.64	1.80
		17	15	17.91	1.63	17.51	1.69	17.01	1.74	16.73	1.77	16.51	1.80	15.91	1.85
		20	19	19.17	1.67	18.75	1.73	18.21	1.78	17.91	1.81	17.67	1.84	17.03	1.89
		25	23	20.44	1.71	19.98	1.77	19.41	1.83	19.09	1.86	18.84	1.88	18.15	1.94
		30	28	22.02	1.76	21.53	1.82	20.91	1.88	20.57	1.91	20.30	1.94	19.56	1.99
		35	32	23.28	1.80	22.76	1.86	22.11	1.92	21.75	1.95	21.46	1.98	20.68	2.04
		40	36	24.55	1.84	24.00	1.90	23.31	1.96	22.93	2.00	22.63	2.02	21.81	2.08
		45	41	26.13	1.89	25.54	1.95	24.81	2.01	24.41	2.05	24.08	2.08	23.21	2.14
		47	43	26.76	1.91	26.16	1.97	25.42	2.03	25.00	2.07	24.67	2.10	23.77	2.16
		50	46	26.84	1.90	26.30	1.95	25.65	2.01	25.28	2.04	24.98	2.06	24.13	2.12
		55	51	26.97	1.88	26.52	1.92	26.03	1.97	25.73	1.99	25.50	2.01	24.74	2.05
		60	56	27.10	1.86	26.75	1.89	26.42	1.93	26.19	1.94	26.01	1.95	25.35	1.98
		63	59	27.18	1.84	26.88	1.87	26.65	1.90	26.47	1.91	26.32	1.92	25.71	1.94
		68	64	27.26	1.83	27.02	1.86	26.89	1.88	26.75	1.88	26.64	1.89	26.08	1.90
Three (3) Mixed Indoor Units	7+7+9	-13	-13.4	8.21	1.15	8.02	1.18	7.80	1.22	7.67	1.24	7.57	1.26	7.29	1.30
		-4	-4.4	11.17	1.31	10.92	1.35	10.61	1.39	10.44	1.42	10.30	1.44	9.93	1.48
		0	-0.4	12.51	1.37	12.23	1.42	11.88	1.46	11.69	1.49	11.53	1.51	11.11	1.55
		5	4.5	14.18	1.45	13.87	1.50	13.47	1.55	13.25	1.57	13.08	1.59	12.60	1.64
		10	9	15.17	1.51	14.83	1.56	14.40	1.61	14.17	1.63	13.98	1.66	13.47	1.71
		17	15	16.48	1.55	16.11	1.60	15.65	1.65	15.39	1.68	15.19	1.70	14.64	1.75
		20	19	17.64	1.58	17.25	1.64	16.75	1.69	16.48	1.72	16.26	1.74	15.67	1.79
		25	23	18.80	1.62	18.38	1.67	17.86	1.73	17.57	1.76	17.33	1.78	16.70	1.84
		30	28	20.26	1.67	19.80	1.72	19.24	1.78	18.92	1.81	18.67	1.83	17.99	1.89
		35	32	21.42	1.70	20.94	1.76	20.34	1.82	20.01	1.85	19.75	1.87	19.03	1.93
		40	36	22.58	1.74	22.08	1.80	21.45	1.86	21.10	1.89	20.82	1.91	20.06	1.97
		45	41	24.04	1.79	23.50	1.85	22.83	1.91	22.46	1.94	22.16	1.97	21.35	2.03
		47	43	24.62	1.81	24.07	1.87	23.38	1.93	23.00	1.96	22.69	1.99	21.87	2.05
		50	46	24.69	1.80	24.19	1.85	23.60	1.90	23.25	1.93	22.98	1.95	22.20	2.01
		55	51	24.81	1.78	24.40	1.82	23.95	1.86	23.68	1.89	23.46	1.90	22.76	1.94
		60	56	24.93	1.76	24.61	1.79	24.31	1.82	24.10	1.84	23.93	1.85	23.32	1.88
		63	59	25.01	1.75	24.73	1.77	24.52	1.80	24.35	1.81	24.22	1.82	23.65	1.84
		68	64	25.08	1.74	24.86	1.76	24.73	1.78	24.61	1.78	24.51	1.79	23.99	1.80

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 23: KUMXA241A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+9+9	-13	-13.4	8.92	1.18	8.72	1.21	8.47	1.25	8.33	1.27	8.22	1.29	7.92	1.33
		-4	-4.4	12.15	1.34	11.87	1.38	11.54	1.43	11.35	1.45	11.20	1.47	10.79	1.52
		0	-0.4	13.60	1.41	13.30	1.45	12.92	1.50	12.71	1.52	12.54	1.54	12.08	1.59
		5	4.5	15.42	1.49	15.07	1.54	14.64	1.59	14.40	1.61	14.21	1.64	13.70	1.68
		10	9	16.49	1.54	16.12	1.60	15.66	1.65	15.40	1.68	15.20	1.70	14.64	1.75
		17	15	17.91	1.59	17.51	1.64	17.01	1.69	16.73	1.72	16.51	1.74	15.91	1.80
		20	19	19.17	1.62	18.75	1.68	18.21	1.73	17.91	1.76	17.67	1.79	17.03	1.84
		25	23	20.44	1.66	19.98	1.72	19.41	1.77	19.09	1.80	18.84	1.83	18.15	1.88
		30	28	22.02	1.71	21.53	1.77	20.91	1.82	20.57	1.85	20.30	1.88	19.56	1.94
		35	32	23.28	1.75	22.76	1.81	22.11	1.86	21.75	1.90	21.46	1.92	20.68	1.98
		40	36	24.55	1.79	24.00	1.85	23.31	1.90	22.93	1.94	22.63	1.96	21.81	2.02
		45	41	26.13	1.83	25.54	1.89	24.81	1.96	24.41	1.99	24.08	2.02	23.21	2.08
		47	43	26.76	1.85	26.16	1.91	25.42	1.98	25.00	2.01	24.67	2.04	23.77	2.10
		50	46	26.84	1.84	26.30	1.90	25.65	1.95	25.28	1.98	24.98	2.00	24.13	2.06
		55	51	26.97	1.82	26.52	1.87	26.03	1.91	25.73	1.93	25.50	1.95	24.74	1.99
		60	56	27.10	1.80	26.75	1.84	26.42	1.87	26.19	1.89	26.01	1.90	25.35	1.93
		63	59	27.18	1.79	26.88	1.82	26.65	1.85	26.47	1.86	26.32	1.86	25.71	1.89
		68	64	27.26	1.78	27.02	1.80	26.89	1.82	26.75	1.83	26.64	1.83	26.08	1.85
	7+7+12	-13	-13.4	8.92	1.18	8.72	1.21	8.47	1.25	8.33	1.27	8.22	1.29	7.92	1.33
		-4	-4.4	12.15	1.34	11.87	1.38	11.54	1.43	11.35	1.45	11.20	1.47	10.79	1.52
		0	-0.4	13.60	1.41	13.30	1.45	12.92	1.50	12.71	1.52	12.54	1.54	12.08	1.59
		5	4.5	15.42	1.49	15.07	1.54	14.64	1.59	14.40	1.61	14.21	1.64	13.70	1.68
		10	9	16.49	1.54	16.12	1.60	15.66	1.65	15.40	1.68	15.20	1.70	14.64	1.75
		17	15	17.91	1.59	17.51	1.64	17.01	1.69	16.73	1.72	16.51	1.74	15.91	1.80
		20	19	19.17	1.62	18.75	1.68	18.21	1.73	17.91	1.76	17.67	1.79	17.03	1.84
		25	23	20.44	1.66	19.98	1.72	19.41	1.77	19.09	1.80	18.84	1.83	18.15	1.88
		30	28	22.02	1.71	21.53	1.77	20.91	1.82	20.57	1.85	20.30	1.88	19.56	1.94
		35	32	23.28	1.75	22.76	1.81	22.11	1.86	21.75	1.90	21.46	1.92	20.68	1.98
		40	36	24.55	1.79	24.00	1.85	23.31	1.90	22.93	1.94	22.63	1.96	21.81	2.02
		45	41	26.13	1.83	25.54	1.89	24.81	1.96	24.41	1.99	24.08	2.02	23.21	2.08
		47	43	26.76	1.85	26.16	1.91	25.42	1.98	25.00	2.01	24.67	2.04	23.77	2.10
		50	46	26.84	1.84	26.30	1.90	25.65	1.95	25.28	1.98	24.98	2.00	24.13	2.06
		55	51	26.97	1.82	26.52	1.87	26.03	1.91	25.73	1.93	25.50	1.95	24.74	1.99
		60	56	27.10	1.80	26.75	1.84	26.42	1.87	26.19	1.89	26.01	1.90	25.35	1.93
		63	59	27.18	1.79	26.88	1.82	26.65	1.85	26.47	1.86	26.32	1.86	25.71	1.89
		68	64	27.26	1.78	27.02	1.80	26.89	1.82	26.75	1.83	26.64	1.83	26.08	1.85
	9+9+9	-13	-13.4	8.92	1.18	8.72	1.21	8.47	1.25	8.33	1.27	8.22	1.29	7.92	1.33
		-4	-4.4	12.15	1.34	11.87	1.38	11.54	1.43	11.35	1.45	11.20	1.47	10.79	1.52
		0	-0.4	13.60	1.41	13.30	1.45	12.92	1.50	12.71	1.52	12.54	1.54	12.08	1.59
		5	4.5	15.42	1.49	15.07	1.54	14.64	1.59	14.40	1.61	14.21	1.64	13.70	1.68
		10	9	16.49	1.54	16.12	1.60	15.66	1.65	15.40	1.68	15.20	1.70	14.64	1.75
		17	15	17.91	1.59	17.51	1.64	17.01	1.69	16.73	1.72	16.51	1.74	15.91	1.80
		20	19	19.17	1.62	18.75	1.68	18.21	1.73	17.91	1.76	17.67	1.79	17.03	1.84
		25	23	20.44	1.66	19.98	1.72	19.41	1.77	19.09	1.80	18.84	1.83	18.15	1.88
		30	28	22.02	1.71	21.53	1.77	20.91	1.82	20.57	1.85	20.30	1.88	19.56	1.94
		35	32	23.28	1.75	22.76	1.81	22.11	1.86	21.75	1.90	21.46	1.92	20.68	1.98
		40	36	24.55	1.79	24.00	1.85	23.31	1.90	22.93	1.94	22.63	1.96	21.81	2.02
		45	41	26.13	1.83	25.54	1.89	24.81	1.96	24.41	1.99	24.08	2.02	23.21	2.08
		47	43	26.76	1.85	26.16	1.91	25.42	1.98	25.00	2.01	24.67	2.04	23.77	2.10
		50	46	26.84	1.84	26.30	1.90	25.65	1.95	25.28	1.98	24.98	2.00	24.13	2.06
		55	51	26.97	1.82	26.52	1.87	26.03	1.91	25.73	1.93	25.50	1.95	24.74	1.99
		60	56	27.10	1.80	26.75	1.84	26.42	1.87	26.19	1.89	26.01	1.90	25.35	1.93
		63	59	27.18	1.79	26.88	1.82	26.65	1.85	26.47	1.86	26.32	1.86	25.71	1.89
		68	64	27.26	1.78	27.02	1.80	26.89	1.82	26.75	1.83	26.64	1.83	26.08	1.85

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 24: KUMXA241A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+9+12*	-13	-13.4	8.92	1.18	8.72	1.21	8.47	1.25	8.33	1.27	8.22	1.29	7.92	1.33
		-4	-4.4	12.15	1.34	11.87	1.38	11.54	1.43	11.35	1.45	11.20	1.47	10.79	1.52
		0	-0.4	13.60	1.41	13.30	1.45	12.92	1.50	12.71	1.52	12.54	1.54	12.08	1.59
		5	4.5	15.42	1.49	15.07	1.54	14.64	1.59	14.40	1.61	14.21	1.64	13.70	1.68
		10	9	16.49	1.54	16.12	1.60	15.66	1.65	15.40	1.68	15.20	1.70	14.64	1.75
		17	15	17.91	1.59	17.51	1.64	17.01	1.69	16.73	1.72	16.51	1.74	15.91	1.80
		20	19	19.17	1.62	18.75	1.68	18.21	1.73	17.91	1.76	17.67	1.79	17.03	1.84
		25	23	20.44	1.66	19.98	1.72	19.41	1.77	19.09	1.80	18.84	1.83	18.15	1.88
		30	28	22.02	1.71	21.53	1.77	20.91	1.82	20.57	1.85	20.30	1.88	19.56	1.94
		35	32	23.28	1.75	22.76	1.81	22.11	1.86	21.75	1.90	21.46	1.92	20.68	1.98
		40	36	24.55	1.79	24.00	1.85	23.31	1.90	22.93	1.94	22.63	1.96	21.81	2.02
		45	41	26.13	1.83	25.54	1.89	24.81	1.96	24.41	1.99	24.08	2.02	23.21	2.08
		47	43	26.76	1.85	26.16	1.91	25.42	1.98	25.00	2.01	24.67	2.04	23.77	2.10
		50	46	26.84	1.84	26.30	1.90	25.65	1.95	25.28	1.98	24.98	2.00	24.13	2.06
		55	51	26.97	1.82	26.52	1.87	26.03	1.91	25.73	1.93	25.50	1.95	24.74	1.99
	9+9*+12*	60	56	27.10	1.80	26.75	1.84	26.42	1.87	26.19	1.89	26.01	1.90	25.35	1.93
		63	59	27.18	1.79	26.88	1.82	26.65	1.85	26.47	1.86	26.32	1.86	25.71	1.89
		68	64	27.26	1.78	27.02	1.80	26.89	1.82	26.75	1.83	26.64	1.83	26.08	1.85
		-13	-13.4	8.92	1.18	8.72	1.21	8.47	1.25	8.33	1.27	8.22	1.29	7.92	1.33
		-4	-4.4	12.15	1.34	11.87	1.38	11.54	1.43	11.35	1.45	11.20	1.47	10.79	1.52
		0	-0.4	13.60	1.41	13.30	1.45	12.92	1.50	12.71	1.52	12.54	1.54	12.08	1.59
		5	4.5	15.42	1.49	15.07	1.54	14.64	1.59	14.40	1.61	14.21	1.64	13.70	1.68
		10	9	16.49	1.54	16.12	1.60	15.66	1.65	15.40	1.68	15.20	1.70	14.64	1.75
		17	15	17.91	1.59	17.51	1.64	17.01	1.69	16.73	1.72	16.51	1.74	15.91	1.80
		20	19	19.17	1.62	18.75	1.68	18.21	1.73	17.91	1.76	17.67	1.79	17.03	1.84
		25	23	20.44	1.66	19.98	1.72	19.41	1.77	19.09	1.80	18.84	1.83	18.15	1.88
		30	28	22.02	1.71	21.53	1.77	20.91	1.82	20.57	1.85	20.30	1.88	19.56	1.94
		35	32	23.28	1.75	22.76	1.81	22.11	1.86	21.75	1.90	21.46	1.92	20.68	1.98
		40	36	24.55	1.79	24.00	1.85	23.31	1.90	22.93	1.94	22.63	1.96	21.81	2.02
		45	41	26.13	1.83	25.54	1.89	24.81	1.96	24.41	1.99	24.08	2.02	23.21	2.08
		47	43	26.76	1.85	26.16	1.91	25.42	1.98	25.00	2.01	24.67	2.04	23.77	2.10
	7+9*+15	50	46	26.84	1.84	26.30	1.90	25.65	1.95	25.28	1.98	24.98	2.00	24.13	2.06
		55	51	26.97	1.82	26.52	1.87	26.03	1.91	25.73	1.93	25.50	1.95	24.74	1.99
		60	56	27.10	1.80	26.75	1.84	26.42	1.87	26.19	1.89	26.01	1.90	25.35	1.93
		63	59	27.18	1.79	26.88	1.82	26.65	1.85	26.47	1.86	26.32	1.86	25.71	1.89
		68	64	27.26	1.78	27.02	1.80	26.89	1.82	26.75	1.83	26.64	1.83	26.08	1.85
		-13	-13.4	8.92	1.18	8.72	1.21	8.47	1.25	8.33	1.27	8.22	1.29	7.92	1.33
		-4	-4.4	12.15	1.34	11.87	1.38	11.54	1.43	11.35	1.45	11.20	1.47	10.79	1.52
		0	-0.4	13.60	1.41	13.30	1.45	12.92	1.50	12.71	1.52	12.54	1.54	12.08	1.59
		5	4.5	15.42	1.49	15.07	1.54	14.64	1.59	14.40	1.61	14.21	1.64	13.70	1.68
		10	9	16.49	1.54	16.12	1.60	15.66	1.65	15.40	1.68	15.20	1.70	14.64	1.75
		17	15	17.91	1.59	17.51	1.64	17.01	1.69	16.73	1.72	16.51	1.74	15.91	1.80
		20	19	19.17	1.62	18.75	1.68	18.21	1.73	17.91	1.76	17.67	1.79	17.03	1.84
		25	23	20.44	1.66	19.98	1.72	19.41	1.77	19.09	1.80	18.84	1.83	18.15	1.88
		30	28	22.02	1.71	21.53	1.77	20.91	1.82	20.57	1.85	20.30	1.88	19.56	1.94
		35	32	23.28	1.75	22.76	1.81	22.11	1.86	21.75	1.90	21.46	1.92	20.68	1.98
		40	36	24.55	1.79	24.00	1.85	23.31	1.90	22.93	1.94	22.63	1.96	21.81	2.02
		45	41	26.13	1.83	25.54	1.89	24.81	1.96	24.41	1.99	24.08	2.02	23.21	2.08
		47	43	26.76	1.85	26.16	1.91	25.42	1.98	25.00	2.01	24.67	2.04	23.77	2.10
		50	46	26.84	1.84	26.30	1.90	25.65	1.95	25.28	1.98	24.98	2.00	24.13	2.06
		55	51	26.97	1.82	26.52	1.87	26.03	1.91	25.73	1.93	25.50	1.95	24.74	1.99
		60	56	27.10	1.80	26.75	1.84	26.42	1.87	26.19	1.89	26.01	1.90	25.35	1.93
		63	59	27.18	1.79	26.88	1.82	26.65	1.85	26.47	1.86	26.32	1.86	25.71	1.89
		68	64	27.26	1.78	27.02	1.80	26.89	1.82	26.75	1.83	26.64	1.83	26.08	1.85

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 25: KUMXA241A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+12*+12*	-13	-13.4	8.92	1.18	8.72	1.21	8.47	1.25	8.33	1.27	8.22	1.29	7.92	1.33
		-4	-4.4	12.15	1.34	11.87	1.38	11.54	1.43	11.35	1.45	11.20	1.47	10.79	1.52
		0	-0.4	13.60	1.41	13.30	1.45	12.92	1.50	12.71	1.52	12.54	1.54	12.08	1.59
		5	4.5	15.42	1.49	15.07	1.54	14.64	1.59	14.40	1.61	14.21	1.64	13.70	1.68
		10	9	16.49	1.54	16.12	1.60	15.66	1.65	15.40	1.68	15.20	1.70	14.64	1.75
		17	15	17.91	1.59	17.51	1.64	17.01	1.69	16.73	1.72	16.51	1.74	15.91	1.80
		20	19	19.17	1.62	18.75	1.68	18.21	1.73	17.91	1.76	17.67	1.79	17.03	1.84
		25	23	20.44	1.66	19.98	1.72	19.41	1.77	19.09	1.80	18.84	1.83	18.15	1.88
		30	28	22.02	1.71	21.53	1.77	20.91	1.82	20.57	1.85	20.30	1.88	19.56	1.94
		35	32	23.28	1.75	22.76	1.81	22.11	1.86	21.75	1.90	21.46	1.92	20.68	1.98
		40	36	24.55	1.79	24.00	1.85	23.31	1.90	22.93	1.94	22.63	1.96	21.81	2.02
		45	41	26.13	1.83	25.54	1.89	24.81	1.96	24.41	1.99	24.08	2.02	23.21	2.08
		47	43	26.76	1.85	26.16	1.91	25.42	1.98	25.00	2.01	24.67	2.04	23.77	2.10
		50	46	26.84	1.84	26.30	1.90	25.65	1.95	25.28	1.98	24.98	2.00	24.13	2.06
		55	51	26.97	1.82	26.52	1.87	26.03	1.91	25.73	1.93	25.50	1.95	24.74	1.99
		60	56	27.10	1.80	26.75	1.84	26.42	1.87	26.19	1.89	26.01	1.90	25.35	1.93
		63	59	27.18	1.79	26.88	1.82	26.65	1.85	26.47	1.86	26.32	1.86	25.71	1.89
		68	64	27.26	1.78	27.02	1.80	26.89	1.82	26.75	1.83	26.64	1.83	26.08	1.85
	7+7+18*	-13	-13.4	8.92	1.18	8.72	1.21	8.47	1.25	8.33	1.27	8.22	1.29	7.92	1.33
		-4	-4.4	12.15	1.34	11.87	1.38	11.54	1.43	11.35	1.45	11.20	1.47	10.79	1.52
		0	-0.4	13.60	1.41	13.30	1.45	12.92	1.50	12.71	1.52	12.54	1.54	12.08	1.59
		5	4.5	15.42	1.49	15.07	1.54	14.64	1.59	14.40	1.61	14.21	1.64	13.70	1.68
		10	9	16.49	1.54	16.12	1.60	15.66	1.65	15.40	1.68	15.20	1.70	14.64	1.75
		17	15	17.91	1.59	17.51	1.64	17.01	1.69	16.73	1.72	16.51	1.74	15.91	1.80
		20	19	19.17	1.62	18.75	1.68	18.21	1.73	17.91	1.76	17.67	1.79	17.03	1.84
		25	23	20.44	1.66	19.98	1.72	19.41	1.77	19.09	1.80	18.84	1.83	18.15	1.88
		30	28	22.02	1.71	21.53	1.77	20.91	1.82	20.57	1.85	20.30	1.88	19.56	1.94
		35	32	23.28	1.75	22.76	1.81	22.11	1.86	21.75	1.90	21.46	1.92	20.68	1.98
		40	36	24.55	1.79	24.00	1.85	23.31	1.90	22.93	1.94	22.63	1.96	21.81	2.02
		45	41	26.13	1.83	25.54	1.89	24.81	1.96	24.41	1.99	24.08	2.02	23.21	2.08
		47	43	26.76	1.85	26.16	1.91	25.42	1.98	25.00	2.01	24.67	2.04	23.77	2.10
		50	46	26.84	1.84	26.30	1.90	25.65	1.95	25.28	1.98	24.98	2.00	24.13	2.06
		55	51	26.97	1.82	26.52	1.87	26.03	1.91	25.73	1.93	25.50	1.95	24.74	1.99
		60	56	27.10	1.80	26.75	1.84	26.42	1.87	26.19	1.89	26.01	1.90	25.35	1.93
		63	59	27.18	1.79	26.88	1.82	26.65	1.85	26.47	1.86	26.32	1.86	25.71	1.89
		68	64	27.26	1.78	27.02	1.80	26.89	1.82	26.75	1.83	26.64	1.83	26.08	1.85
	9*+9*+15	-13	-13.4	8.92	1.18	8.72	1.21	8.47	1.25	8.33	1.27	8.22	1.29	7.92	1.33
		-4	-4.4	12.15	1.34	11.87	1.38	11.54	1.43	11.35	1.45	11.20	1.47	10.79	1.52
		0	-0.4	13.60	1.41	13.30	1.45	12.92	1.50	12.71	1.52	12.54	1.54	12.08	1.59
		5	4.5	15.42	1.49	15.07	1.54	14.64	1.59	14.40	1.61	14.21	1.64	13.70	1.68
		10	9	16.49	1.54	16.12	1.60	15.66	1.65	15.40	1.68	15.20	1.70	14.64	1.75
		17	15	17.91	1.59	17.51	1.64	17.01	1.69	16.73	1.72	16.51	1.74	15.91	1.80
		20	19	19.17	1.62	18.75	1.68	18.21	1.73	17.91	1.76	17.67	1.79	17.03	1.84
		25	23	20.44	1.66	19.98	1.72	19.41	1.77	19.09	1.80	18.84	1.83	18.15	1.88
		30	28	22.02	1.71	21.53	1.77	20.91	1.82	20.57	1.85	20.30	1.88	19.56	1.94
		35	32	23.28	1.75	22.76	1.81	22.11	1.86	21.75	1.90	21.46	1.92	20.68	1.98
		40	36	24.55	1.79	24.00	1.85	23.31	1.90	22.93	1.94	22.63	1.96	21.81	2.02
		45	41	26.13	1.83	25.54	1.89	24.81	1.96	24.41	1.99	24.08	2.02	23.21	2.08
		47	43	26.76	1.85	26.16	1.91	25.42	1.98	25.00	2.01	24.67	2.04	23.77	2.10
		50	46	26.84	1.84	26.30	1.90	25.65	1.95	25.28	1.98	24.98	2.00	24.13	2.06
		55	51	26.97	1.82	26.52	1.87	26.03	1.91	25.73	1.93	25.50	1.95	24.74	1.99
		60	56	27.10	1.80	26.75	1.84	26.42	1.87	26.19	1.89	26.01	1.90	25.35	1.93
		63	59	27.18	1.79	26.88	1.82	26.65	1.85	26.47	1.86	26.32	1.86	25.71	1.89
		68	64	27.26	1.78	27.02	1.80	26.89	1.82	26.75	1.83	26.64	1.83	26.08	1.85

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 26: KUMXA241A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9*+12*+12*	-13	-13.4	8.92	1.18	8.72	1.21	8.47	1.25	8.33	1.27	8.22	1.29	7.92	1.33
		-4	-4.4	12.15	1.34	11.87	1.38	11.54	1.43	11.35	1.45	11.20	1.47	10.79	1.52
		0	-0.4	13.60	1.41	13.30	1.45	12.92	1.50	12.71	1.52	12.54	1.54	12.08	1.59
		5	4.5	15.42	1.49	15.07	1.54	14.64	1.59	14.40	1.61	14.21	1.64	13.70	1.68
		10	9	16.49	1.54	16.12	1.60	15.66	1.65	15.40	1.68	15.20	1.70	14.64	1.75
		17	15	17.91	1.59	17.51	1.64	17.01	1.69	16.73	1.72	16.51	1.74	15.91	1.80
		20	19	19.17	1.62	18.75	1.68	18.21	1.73	17.91	1.76	17.67	1.79	17.03	1.84
		25	23	20.44	1.66	19.98	1.72	19.41	1.77	19.09	1.80	18.84	1.83	18.15	1.88
		30	28	22.02	1.71	21.53	1.77	20.91	1.82	20.57	1.85	20.30	1.88	19.56	1.94
		35	32	23.28	1.75	22.76	1.81	22.11	1.86	21.75	1.90	21.46	1.92	20.68	1.98
		40	36	24.55	1.79	24.00	1.85	23.31	1.90	22.93	1.94	22.63	1.96	21.81	2.02
		45	41	26.13	1.83	25.54	1.89	24.81	1.96	24.41	1.99	24.08	2.02	23.21	2.08
		47	43	26.76	1.85	26.16	1.91	25.42	1.98	25.00	2.01	24.67	2.04	23.77	2.10
		50	46	26.84	1.84	26.30	1.90	25.65	1.95	25.28	1.98	24.98	2.00	24.13	2.06
		55	51	26.97	1.82	26.52	1.87	26.03	1.91	25.73	1.93	25.50	1.95	24.74	1.99
		60	56	27.10	1.80	26.75	1.84	26.42	1.87	26.19	1.89	26.01	1.90	25.35	1.93
		63	59	27.18	1.79	26.88	1.82	26.65	1.85	26.47	1.86	26.32	1.86	25.71	1.89
		68	64	27.26	1.78	27.02	1.80	26.89	1.82	26.75	1.83	26.64	1.83	26.08	1.85

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 27: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7+7	-13	-13.4	4.06	1.01	3.97	1.04	3.85	1.08	3.79	1.09	3.74	1.11	3.60	1.14
		-4	-4.4	6.95	1.15	6.80	1.19	6.60	1.23	6.50	1.25	6.41	1.26	6.18	1.30
		0	-0.4	8.26	1.21	8.07	1.25	7.84	1.29	7.72	1.31	7.61	1.33	7.34	1.37
		5	4.5	9.89	1.28	9.67	1.32	9.39	1.36	9.24	1.39	9.12	1.40	8.79	1.45
		10	9	10.85	1.39	10.61	1.43	10.30	1.48	10.14	1.51	10.00	1.53	9.64	1.57
		17	15	12.13	1.47	11.86	1.52	11.52	1.56	11.33	1.59	11.18	1.61	10.77	1.66
		20	19	13.01	1.50	12.72	1.55	12.35	1.60	12.15	1.63	11.99	1.65	11.55	1.70
		25	23	13.89	1.54	13.58	1.59	13.19	1.64	12.97	1.67	12.80	1.69	12.33	1.74
		30	28	14.99	1.58	14.65	1.63	14.23	1.69	14.00	1.72	13.81	1.74	13.31	1.79
		35	32	15.86	1.62	15.51	1.67	15.07	1.72	14.82	1.75	14.62	1.78	14.09	1.83
		40	36	16.74	1.65	16.37	1.71	15.90	1.76	15.64	1.79	15.43	1.82	14.87	1.87
		45	41	17.84	1.70	17.44	1.75	16.95	1.81	16.67	1.84	16.45	1.87	15.85	1.92
		47	43	18.28	1.72	17.87	1.77	17.36	1.83	17.08	1.86	16.85	1.89	16.24	1.94
		50	46	18.34	1.70	17.97	1.76	17.52	1.81	17.27	1.83	17.07	1.86	16.49	1.91
		55	51	18.43	1.69	18.12	1.73	17.79	1.77	17.58	1.79	17.42	1.81	16.90	1.84
	7+9	60	56	18.52	1.67	18.27	1.70	18.05	1.73	17.90	1.74	17.77	1.76	17.32	1.78
		63	59	18.57	1.66	18.37	1.68	18.21	1.71	18.08	1.72	17.98	1.73	17.57	1.75
		68	64	18.62	1.65	18.46	1.67	18.37	1.69	18.27	1.69	18.20	1.70	17.82	1.71
		-13	-13.4	4.64	1.05	4.53	1.08	4.40	1.12	4.33	1.14	4.27	1.15	4.12	1.19
		-4	-4.4	7.95	1.19	7.77	1.23	7.55	1.27	7.42	1.29	7.32	1.31	7.06	1.35
		0	-0.4	9.44	1.25	9.23	1.29	8.96	1.33	8.82	1.36	8.70	1.38	8.38	1.42
		5	4.5	11.30	1.33	11.05	1.37	10.74	1.41	10.56	1.44	10.42	1.46	10.04	1.50
		10	9	12.40	1.44	12.12	1.49	11.78	1.54	11.58	1.56	11.43	1.58	11.01	1.63
		17	15	13.86	1.52	13.55	1.57	13.16	1.62	12.95	1.65	12.78	1.67	12.31	1.72
		20	19	14.87	1.56	14.53	1.61	14.12	1.66	13.89	1.69	13.70	1.71	13.20	1.77
		25	23	15.87	1.60	15.52	1.65	15.07	1.70	14.83	1.73	14.63	1.75	14.10	1.81
		30	28	17.13	1.64	16.74	1.70	16.27	1.75	16.00	1.78	15.79	1.80	15.21	1.86
		35	32	18.13	1.68	17.73	1.73	17.22	1.79	16.94	1.82	16.71	1.85	16.11	1.90
		40	36	19.14	1.72	18.71	1.77	18.17	1.83	17.88	1.86	17.64	1.89	17.00	1.94
		45	41	20.39	1.76	19.94	1.82	19.37	1.88	19.05	1.91	18.80	1.94	18.11	1.99
		47	43	20.89	1.78	20.43	1.84	19.84	1.90	19.52	1.93	19.26	1.96	18.56	2.01
	9+9	50	46	20.96	1.77	20.53	1.82	20.03	1.87	19.74	1.90	19.50	1.92	18.84	1.98
		55	51	21.06	1.75	20.71	1.79	20.33	1.84	20.09	1.86	19.91	1.87	19.32	1.91
		60	56	21.16	1.73	20.89	1.76	20.63	1.80	20.45	1.81	20.31	1.82	19.79	1.85
		63	59	21.22	1.72	20.99	1.75	20.81	1.77	20.67	1.78	20.55	1.79	20.08	1.81
		68	64	21.28	1.71	21.10	1.73	20.99	1.75	20.88	1.76	20.80	1.76	20.36	1.77
		-13	-13.4	5.23	1.11	5.11	1.15	4.96	1.19	4.88	1.21	4.82	1.22	4.64	1.26
		-4	-4.4	8.96	1.27	8.76	1.31	8.51	1.35	8.37	1.37	8.25	1.39	7.95	1.43
		0	-0.4	10.64	1.33	10.40	1.37	10.10	1.42	9.94	1.44	9.81	1.46	9.45	1.51
		5	4.5	12.74	1.41	12.46	1.45	12.10	1.50	11.90	1.53	11.74	1.55	11.32	1.59
		10	9	13.97	1.53	13.66	1.58	13.27	1.63	13.06	1.66	12.88	1.68	12.41	1.73
		17	15	15.62	1.62	15.27	1.67	14.84	1.72	14.59	1.75	14.40	1.78	13.88	1.83
		20	19	16.75	1.66	16.38	1.71	15.91	1.77	15.65	1.80	15.44	1.82	14.88	1.88
		25	23	17.89	1.70	17.49	1.75	16.99	1.81	16.71	1.84	16.49	1.86	15.89	1.92
		30	28	19.30	1.74	18.87	1.80	18.33	1.86	18.03	1.89	17.79	1.92	17.15	1.97
		35	32	20.43	1.78	19.98	1.84	19.41	1.90	19.09	1.93	18.84	1.96	18.15	2.02
		40	36	21.57	1.82	21.09	1.88	20.48	1.94	20.15	1.98	19.88	2.00	19.16	2.06
		45	41	22.98	1.87	22.47	1.93	21.83	1.99	21.47	2.03	21.19	2.06	20.42	2.12
		47	43	23.55	1.89	23.02	1.95	22.37	2.02	22.00	2.05	21.71	2.08	20.92	2.14
		50	46	23.62	1.88	23.14	1.93	22.57	1.99	22.24	2.02	21.98	2.04	21.24	2.10
		55	51	23.73	1.86	23.34	1.90	22.91	1.95	22.65	1.97	22.44	1.99	21.77	2.03
		60	56	23.85	1.84	23.54	1.87	23.25	1.91	23.05	1.92	22.89	1.93	22.31	1.96
		63	59	23.92	1.83	23.66	1.86	23.45	1.88	23.29	1.89	23.16	1.90	22.63	1.92
		68	64	23.99	1.81	23.78	1.84	23.66	1.86	23.54	1.86	23.44	1.87	22.95	1.88

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 28: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7+12	-13	-13.4	5.23	1.11	5.11	1.15	4.96	1.19	4.88	1.21	4.82	1.22	4.64	1.26
		-4	-4.4	8.96	1.27	8.76	1.31	8.51	1.35	8.37	1.37	8.25	1.39	7.95	1.43
		0	-0.4	10.64	1.33	10.40	1.37	10.10	1.42	9.94	1.44	9.81	1.46	9.45	1.51
		5	4.5	12.74	1.41	12.46	1.45	12.10	1.50	11.90	1.53	11.74	1.55	11.32	1.59
		10	9	13.97	1.53	13.66	1.58	13.27	1.63	13.06	1.66	12.88	1.68	12.41	1.73
		17	15	15.62	1.62	15.27	1.67	14.84	1.72	14.59	1.75	14.40	1.78	13.88	1.83
		20	19	16.75	1.66	16.38	1.71	15.91	1.77	15.65	1.80	15.44	1.82	14.88	1.88
		25	23	17.89	1.70	17.49	1.75	16.99	1.81	16.71	1.84	16.49	1.86	15.89	1.92
		30	28	19.30	1.74	18.87	1.80	18.33	1.86	18.03	1.89	17.79	1.92	17.15	1.97
		35	32	20.43	1.78	19.98	1.84	19.41	1.90	19.09	1.93	18.84	1.96	18.15	2.02
		40	36	21.57	1.82	21.09	1.88	20.48	1.94	20.15	1.98	19.88	2.00	19.16	2.06
		45	41	22.98	1.87	22.47	1.93	21.83	1.99	21.47	2.03	21.19	2.06	20.42	2.12
		47	43	23.55	1.89	23.02	1.95	22.37	2.02	22.00	2.05	21.71	2.08	20.92	2.14
		50	46	23.62	1.88	23.14	1.93	22.57	1.99	22.24	2.02	21.98	2.04	21.24	2.10
		55	51	23.73	1.86	23.34	1.90	22.91	1.95	22.65	1.97	22.44	1.99	21.77	2.03
		60	56	23.85	1.84	23.54	1.87	23.25	1.91	23.05	1.92	22.89	1.93	22.31	1.96
		63	59	23.92	1.83	23.66	1.86	23.45	1.88	23.29	1.89	23.16	1.90	22.63	1.92
		68	64	23.99	1.81	23.78	1.84	23.66	1.86	23.54	1.86	23.44	1.87	22.95	1.88
	9+12	-13	-13.4	5.54	1.15	5.42	1.19	5.26	1.23	5.18	1.25	5.11	1.26	4.92	1.30
		-4	-4.4	9.49	1.31	9.28	1.35	9.02	1.40	8.87	1.42	8.75	1.44	8.43	1.48
		0	-0.4	11.28	1.37	11.02	1.42	10.71	1.47	10.53	1.49	10.39	1.51	10.02	1.56
		5	4.5	13.50	1.46	13.20	1.50	12.83	1.55	12.62	1.58	12.45	1.60	12.00	1.65
		10	9	14.81	1.58	14.48	1.63	14.07	1.69	13.84	1.72	13.65	1.74	13.16	1.79
		17	15	16.56	1.67	16.19	1.73	15.73	1.78	15.47	1.81	15.26	1.84	14.71	1.89
		20	19	17.76	1.71	17.36	1.77	16.87	1.83	16.59	1.86	16.37	1.88	15.77	1.94
		25	23	18.96	1.75	18.54	1.81	18.01	1.87	17.71	1.90	17.48	1.93	16.84	1.99
		30	28	20.46	1.80	20.00	1.86	19.43	1.92	19.11	1.96	18.86	1.98	18.17	2.04
		35	32	21.66	1.84	21.18	1.91	20.57	1.97	20.24	2.00	19.97	2.03	19.24	2.09
		40	36	22.86	1.88	22.35	1.95	21.71	2.01	21.36	2.04	21.07	2.07	20.31	2.13
		45	41	24.36	1.93	23.82	2.00	23.14	2.06	22.76	2.10	22.46	2.13	21.64	2.19
		47	43	24.96	1.95	24.40	2.02	23.71	2.08	23.32	2.12	23.01	2.15	22.17	2.21
		50	46	25.04	1.94	24.53	2.00	23.92	2.06	23.58	2.09	23.30	2.11	22.51	2.17
		55	51	25.16	1.92	24.74	1.97	24.28	2.02	24.01	2.04	23.78	2.06	23.08	2.10
		60	56	25.28	1.90	24.95	1.94	24.64	1.97	24.43	1.99	24.26	2.00	23.64	2.03
		63	59	25.35	1.89	25.08	1.92	24.86	1.95	24.69	1.96	24.55	1.97	23.98	1.99
		68	64	25.43	1.88	25.20	1.90	25.08	1.92	24.95	1.93	24.85	1.93	24.33	1.95
	7+15	-13	-13.4	5.75	1.17	5.62	1.21	5.46	1.25	5.37	1.27	5.30	1.29	5.11	1.33
		-4	-4.4	9.86	1.33	9.64	1.38	9.36	1.42	9.21	1.45	9.09	1.47	8.76	1.51
		0	-0.4	11.71	1.40	11.45	1.45	11.12	1.49	10.94	1.52	10.80	1.54	10.40	1.59
		5	4.5	14.03	1.48	13.71	1.53	13.32	1.58	13.10	1.61	12.93	1.63	12.46	1.68
		10	9	15.39	1.61	15.04	1.66	14.61	1.72	14.37	1.75	14.18	1.77	13.67	1.82
		17	15	17.20	1.70	16.81	1.76	16.33	1.82	16.07	1.85	15.85	1.87	15.28	1.93
		20	19	18.44	1.75	18.03	1.80	17.52	1.86	17.23	1.89	17.00	1.92	16.38	1.98
		25	23	19.69	1.79	19.25	1.85	18.70	1.90	18.40	1.94	18.15	1.96	17.49	2.02
		30	28	21.25	1.84	20.78	1.90	20.18	1.96	19.85	1.99	19.59	2.02	18.88	2.08
		35	32	22.50	1.88	21.99	1.94	21.37	2.00	21.02	2.04	20.74	2.07	19.98	2.13
		40	36	23.74	1.92	23.21	1.98	22.55	2.05	22.18	2.08	21.89	2.11	21.09	2.17
		45	41	25.30	1.97	24.74	2.04	24.03	2.10	23.64	2.14	23.32	2.17	22.48	2.23
		47	43	25.93	1.99	25.35	2.06	24.62	2.12	24.22	2.16	23.90	2.19	23.03	2.26
		50	46	26.00	1.98	25.48	2.04	24.85	2.10	24.49	2.13	24.20	2.15	23.38	2.21
		55	51	26.13	1.96	25.70	2.01	25.22	2.05	24.93	2.08	24.70	2.10	23.97	2.14
		60	56	26.26	1.94	25.91	1.97	25.60	2.01	25.38	2.03	25.20	2.04	24.56	2.07
		63	59	26.33	1.92	26.04	1.96	25.82	1.99	25.64	2.00	25.50	2.00	24.91	2.03
		68	64	26.41	1.91	26.18	1.94	26.05	1.96	25.91	1.96	25.81	1.97	25.27	1.99

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 29: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9+15	-13	-13.4	6.18	1.24	6.04	1.28	5.87	1.32	5.77	1.34	5.69	1.36	5.49	1.40
		-4	-4.4	10.58	1.41	10.35	1.46	10.05	1.50	9.89	1.53	9.76	1.55	9.40	1.60
		0	-0.4	12.57	1.48	12.29	1.53	11.94	1.58	11.74	1.60	11.59	1.63	11.17	1.67
		5	4.5	15.06	1.57	14.72	1.62	14.30	1.67	14.07	1.70	13.88	1.72	13.37	1.77
		10	9	16.52	1.70	16.15	1.76	15.69	1.81	15.43	1.84	15.22	1.87	14.67	1.93
		17	15	18.46	1.80	18.05	1.86	17.53	1.92	17.25	1.95	17.02	1.98	16.40	2.04
		20	19	19.80	1.84	19.36	1.90	18.80	1.96	18.50	2.00	18.25	2.03	17.59	2.09
		25	23	21.14	1.89	20.67	1.95	20.08	2.01	19.75	2.05	19.49	2.07	18.78	2.14
		30	28	22.81	1.94	22.30	2.00	21.66	2.07	21.31	2.10	21.03	2.13	20.26	2.20
		35	32	24.15	1.98	23.61	2.05	22.94	2.11	22.56	2.15	22.26	2.18	21.45	2.25
		40	36	25.49	2.03	24.92	2.09	24.21	2.16	23.81	2.20	23.50	2.23	22.64	2.29
		45	41	27.16	2.08	26.55	2.15	25.80	2.22	25.37	2.26	25.04	2.29	24.13	2.36
		47	43	27.83	2.10	27.21	2.17	26.43	2.24	26.00	2.28	25.65	2.31	24.72	2.38
		50	46	27.91	2.09	27.35	2.15	26.67	2.21	26.29	2.25	25.98	2.27	25.10	2.34
		55	51	28.05	2.07	27.58	2.12	27.07	2.17	26.76	2.19	26.52	2.21	25.73	2.26
		60	56	28.19	2.04	27.82	2.08	27.48	2.12	27.24	2.14	27.05	2.15	26.36	2.18
		63	59	28.27	2.03	27.96	2.06	27.72	2.10	27.53	2.11	27.38	2.11	26.74	2.14
		68	64	28.35	2.02	28.10	2.04	27.96	2.07	27.82	2.07	27.70	2.08	27.12	2.10
	12+12	-13	-13.4	6.18	1.24	6.04	1.28	5.87	1.32	5.77	1.34	5.69	1.36	5.49	1.40
		-4	-4.4	10.58	1.41	10.35	1.46	10.05	1.50	9.89	1.53	9.76	1.55	9.40	1.60
		0	-0.4	12.57	1.48	12.29	1.53	11.94	1.58	11.74	1.60	11.59	1.63	11.17	1.67
		5	4.5	15.06	1.57	14.72	1.62	14.30	1.67	14.07	1.70	13.88	1.72	13.37	1.77
		10	9	16.52	1.70	16.15	1.76	15.69	1.81	15.43	1.84	15.22	1.87	14.67	1.93
		17	15	18.46	1.80	18.05	1.86	17.53	1.92	17.25	1.95	17.02	1.98	16.40	2.04
		20	19	19.80	1.84	19.36	1.90	18.80	1.96	18.50	2.00	18.25	2.03	17.59	2.09
		25	23	21.14	1.89	20.67	1.95	20.08	2.01	19.75	2.05	19.49	2.07	18.78	2.14
		30	28	22.81	1.94	22.30	2.00	21.66	2.07	21.31	2.10	21.03	2.13	20.26	2.20
		35	32	24.15	1.98	23.61	2.05	22.94	2.11	22.56	2.15	22.26	2.18	21.45	2.25
		40	36	25.49	2.03	24.92	2.09	24.21	2.16	23.81	2.20	23.50	2.23	22.64	2.29
		45	41	27.16	2.08	26.55	2.15	25.80	2.22	25.37	2.26	25.04	2.29	24.13	2.36
		47	43	27.83	2.10	27.21	2.17	26.43	2.24	26.00	2.28	25.65	2.31	24.72	2.38
		50	46	27.91	2.09	27.35	2.15	26.67	2.21	26.29	2.25	25.98	2.27	25.10	2.34
		55	51	28.05	2.07	27.58	2.12	27.07	2.17	26.76	2.19	26.52	2.21	25.73	2.26
		60	56	28.19	2.04	27.82	2.08	27.48	2.12	27.24	2.14	27.05	2.15	26.36	2.18
		63	59	28.27	2.03	27.96	2.06	27.72	2.10	27.53	2.11	27.38	2.11	26.74	2.14
		68	64	28.35	2.02	28.10	2.04	27.96	2.07	27.82	2.07	27.70	2.08	27.12	2.10
	7+18	-13	-13.4	6.18	1.24	6.04	1.28	5.87	1.32	5.77	1.34	5.69	1.36	5.49	1.40
		-4	-4.4	10.58	1.41	10.35	1.46	10.05	1.50	9.89	1.53	9.76	1.55	9.40	1.60
		0	-0.4	12.57	1.48	12.29	1.53	11.94	1.58	11.74	1.60	11.59	1.63	11.17	1.67
		5	4.5	15.06	1.57	14.72	1.62	14.30	1.67	14.07	1.70	13.88	1.72	13.37	1.77
		10	9	16.52	1.70	16.15	1.76	15.69	1.81	15.43	1.84	15.22	1.87	14.67	1.93
		17	15	18.46	1.80	18.05	1.86	17.53	1.92	17.25	1.95	17.02	1.98	16.40	2.04
		20	19	19.80	1.84	19.36	1.90	18.80	1.96	18.50	2.00	18.25	2.03	17.59	2.09
		25	23	21.14	1.89	20.67	1.95	20.08	2.01	19.75	2.05	19.49	2.07	18.78	2.14
		30	28	22.81	1.94	22.30	2.00	21.66	2.07	21.31	2.10	21.03	2.13	20.26	2.20
		35	32	24.15	1.98	23.61	2.05	22.94	2.11	22.56	2.15	22.26	2.18	21.45	2.25
		40	36	25.49	2.03	24.92	2.09	24.21	2.16	23.81	2.20	23.50	2.23	22.64	2.29
		45	41	27.16	2.08	26.55	2.15	25.80	2.22	25.37	2.26	25.04	2.29	24.13	2.36
		47	43	27.83	2.10	27.21	2.17	26.43	2.24	26.00	2.28	25.65	2.31	24.72	2.38
		50	46	27.91	2.09	27.35	2.15	26.67	2.21	26.29	2.25	25.98	2.27	25.10	2.34
		55	51	28.05	2.07	27.58	2.12	27.07	2.17	26.76	2.19	26.52	2.21	25.73	2.26
		60	56	28.19	2.04	27.82	2.08	27.48	2.12	27.24	2.14	27.05	2.15	26.36	2.18
		63	59	28.27	2.03	27.96	2.06	27.72	2.10	27.53	2.11	27.38	2.11	26.74	2.14
		68	64	28.35	2.02	28.10	2.04	27.96	2.07	27.82	2.07	27.70	2.08	27.12	2.10

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 30: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9+18	-13	-13.4	6.55	1.29	6.41	1.33	6.22	1.37	6.12	1.39	6.04	1.41	5.82	1.46
		-4	-4.4	11.23	1.46	10.98	1.51	10.66	1.56	10.49	1.59	10.35	1.61	9.97	1.66
		0	-0.4	13.34	1.54	13.04	1.59	12.67	1.64	12.46	1.67	12.29	1.69	11.85	1.74
		5	4.5	15.97	1.63	15.61	1.68	15.17	1.74	14.92	1.76	14.72	1.79	14.19	1.84
		10	9	17.52	1.77	17.13	1.83	16.64	1.89	16.37	1.92	16.15	1.94	15.56	2.00
		17	15	19.58	1.87	19.15	1.93	18.60	1.99	18.29	2.03	18.05	2.06	17.40	2.12
		20	19	21.00	1.92	20.53	1.98	19.95	2.04	19.62	2.08	19.36	2.11	18.66	2.17
		25	23	22.42	1.96	21.92	2.02	21.30	2.09	20.95	2.13	20.67	2.15	19.92	2.22
		30	28	24.20	2.02	23.66	2.08	22.98	2.15	22.61	2.19	22.31	2.22	21.49	2.28
		35	32	25.62	2.06	25.05	2.13	24.33	2.20	23.93	2.24	23.61	2.27	22.76	2.33
		40	36	27.04	2.11	26.43	2.18	25.68	2.25	25.26	2.28	24.92	2.32	24.02	2.39
		45	41	28.81	2.16	28.17	2.23	27.36	2.31	26.92	2.35	26.56	2.38	25.59	2.45
		47	43	29.52	2.19	28.86	2.26	28.04	2.33	27.58	2.37	27.21	2.40	26.22	2.47
		50	46	29.61	2.17	29.01	2.24	28.29	2.30	27.88	2.34	27.56	2.36	26.63	2.43
		55	51	29.75	2.15	29.26	2.20	28.72	2.25	28.39	2.28	28.13	2.30	27.29	2.35
		60	56	29.90	2.13	29.51	2.17	29.15	2.21	28.90	2.22	28.70	2.24	27.96	2.27
		63	59	29.99	2.11	29.66	2.15	29.40	2.18	29.20	2.19	29.04	2.20	28.36	2.22
		68	64	30.07	2.10	29.81	2.13	29.66	2.15	29.51	2.16	29.39	2.16	28.77	2.18
	12+15	-13	-13.4	6.55	1.29	6.41	1.33	6.22	1.37	6.12	1.39	6.04	1.41	5.82	1.46
		-4	-4.4	11.23	1.46	10.98	1.51	10.66	1.56	10.49	1.59	10.35	1.61	9.97	1.66
		0	-0.4	13.34	1.54	13.04	1.59	12.67	1.64	12.46	1.67	12.29	1.69	11.85	1.74
		5	4.5	15.97	1.63	15.61	1.68	15.17	1.74	14.92	1.76	14.72	1.79	14.19	1.84
		10	9	17.52	1.77	17.13	1.83	16.64	1.89	16.37	1.92	16.15	1.94	15.56	2.00
		17	15	19.58	1.87	19.15	1.93	18.60	1.99	18.29	2.03	18.05	2.06	17.40	2.12
		20	19	21.00	1.92	20.53	1.98	19.95	2.04	19.62	2.08	19.36	2.11	18.66	2.17
		25	23	22.42	1.96	21.92	2.02	21.30	2.09	20.95	2.13	20.67	2.15	19.92	2.22
		30	28	24.20	2.02	23.66	2.08	22.98	2.15	22.61	2.19	22.31	2.22	21.49	2.28
		35	32	25.62	2.06	25.05	2.13	24.33	2.20	23.93	2.24	23.61	2.27	22.76	2.33
		40	36	27.04	2.11	26.43	2.18	25.68	2.25	25.26	2.28	24.92	2.32	24.02	2.39
		45	41	28.81	2.16	28.17	2.23	27.36	2.31	26.92	2.35	26.56	2.38	25.59	2.45
		47	43	29.52	2.19	28.86	2.26	28.04	2.33	27.58	2.37	27.21	2.40	26.22	2.47
		50	46	29.61	2.17	29.01	2.24	28.29	2.30	27.88	2.34	27.56	2.36	26.63	2.43
		55	51	29.75	2.15	29.26	2.20	28.72	2.25	28.39	2.28	28.13	2.30	27.29	2.35
		60	56	29.90	2.13	29.51	2.17	29.15	2.21	28.90	2.22	28.70	2.24	27.96	2.27
		63	59	29.99	2.11	29.66	2.15	29.40	2.18	29.20	2.19	29.04	2.20	28.36	2.22
		68	64	30.07	2.10	29.81	2.13	29.66	2.15	29.51	2.16	29.39	2.16	28.77	2.18
	12+18	-13	-13.4	7.13	1.35	6.97	1.40	6.77	1.44	6.66	1.46	6.57	1.48	6.33	1.53
		-4	-4.4	12.21	1.54	11.94	1.59	11.60	1.64	11.41	1.67	11.26	1.69	10.85	1.74
		0	-0.4	14.51	1.61	14.18	1.67	13.78	1.72	13.55	1.75	13.37	1.77	12.88	1.83
		5	4.5	17.37	1.71	16.98	1.77	16.50	1.82	16.23	1.85	16.01	1.88	15.43	1.94
		10	9	19.06	1.86	18.63	1.92	18.10	1.98	17.80	2.01	17.57	2.04	16.93	2.10
		17	15	21.30	1.96	20.83	2.03	20.23	2.09	19.90	2.13	19.64	2.16	18.92	2.22
		20	19	22.85	2.01	22.34	2.08	21.70	2.15	21.34	2.18	21.06	2.21	20.29	2.28
		25	23	24.39	2.06	23.85	2.13	23.16	2.20	22.79	2.23	22.48	2.26	21.67	2.33
		30	28	26.32	2.12	25.73	2.19	25.00	2.26	24.59	2.30	24.26	2.33	23.38	2.40
		35	32	27.87	2.17	27.24	2.24	26.46	2.31	26.03	2.35	25.69	2.38	24.75	2.45
		40	36	29.41	2.21	28.75	2.29	27.93	2.36	27.48	2.40	27.11	2.43	26.12	2.51
		45	41	31.34	2.27	30.64	2.35	29.76	2.42	29.28	2.46	28.89	2.50	27.84	2.57
		47	43	32.11	2.30	31.40	2.37	30.50	2.45	30.00	2.49	29.60	2.52	28.52	2.60
		50	46	32.21	2.28	31.56	2.35	30.78	2.42	30.33	2.45	29.97	2.48	28.96	2.55
		55	51	32.36	2.26	31.83	2.31	31.24	2.37	30.88	2.40	30.59	2.42	29.69	2.47
		60	56	32.52	2.23	32.10	2.28	31.70	2.32	31.43	2.34	31.22	2.35	30.42	2.39
		63	59	32.62	2.22	32.26	2.25	31.98	2.29	31.76	2.30	31.59	2.31	30.85	2.34
		68	64	32.71	2.20	32.42	2.23	32.26	2.26	32.10	2.26	31.96	2.27	31.30	2.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 31: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15+15	-13	-13.4	7.13	1.35	6.97	1.40	6.77	1.44	6.66	1.46	6.57	1.48	6.33	1.53
		-4	-4.4	12.21	1.54	11.94	1.59	11.60	1.64	11.41	1.67	11.26	1.69	10.85	1.74
		0	-0.4	14.51	1.61	14.18	1.67	13.78	1.72	13.55	1.75	13.37	1.77	12.88	1.83
		5	4.5	17.37	1.71	16.98	1.77	16.50	1.82	16.23	1.85	16.01	1.88	15.43	1.94
		10	9	19.06	1.86	18.63	1.92	18.10	1.98	17.80	2.01	17.57	2.04	16.93	2.10
		17	15	21.30	1.96	20.83	2.03	20.23	2.09	19.90	2.13	19.64	2.16	18.92	2.22
		20	19	22.85	2.01	22.34	2.08	21.70	2.15	21.34	2.18	21.06	2.21	20.29	2.28
		25	23	24.39	2.06	23.85	2.13	23.16	2.20	22.79	2.23	22.48	2.26	21.67	2.33
		30	28	26.32	2.12	25.73	2.19	25.00	2.26	24.59	2.30	24.26	2.33	23.38	2.40
		35	32	27.87	2.17	27.24	2.24	26.46	2.31	26.03	2.35	25.69	2.38	24.75	2.45
		40	36	29.41	2.21	28.75	2.29	27.93	2.36	27.48	2.40	27.11	2.43	26.12	2.51
		45	41	31.34	2.27	30.64	2.35	29.76	2.42	29.28	2.46	28.89	2.50	27.84	2.57
		47	43	32.11	2.30	31.40	2.37	30.50	2.45	30.00	2.49	29.60	2.52	28.52	2.60
		50	46	32.21	2.28	31.56	2.35	30.78	2.42	30.33	2.45	29.97	2.48	28.96	2.55
		55	51	32.36	2.26	31.83	2.31	31.24	2.37	30.88	2.40	30.59	2.42	29.69	2.47
		60	56	32.52	2.23	32.10	2.28	31.70	2.32	31.43	2.34	31.22	2.35	30.42	2.39
		63	59	32.62	2.22	32.26	2.25	31.98	2.29	31.76	2.30	31.59	2.31	30.85	2.34
		68	64	32.71	2.20	32.42	2.23	32.26	2.26	32.10	2.26	31.96	2.27	31.30	2.29
	7+24	-13	-13.4	7.13	1.35	6.97	1.40	6.77	1.44	6.66	1.46	6.57	1.48	6.33	1.53
		-4	-4.4	12.21	1.54	11.94	1.59	11.60	1.64	11.41	1.67	11.26	1.69	10.85	1.74
		0	-0.4	14.51	1.61	14.18	1.67	13.78	1.72	13.55	1.75	13.37	1.77	12.88	1.83
		5	4.5	17.37	1.71	16.98	1.77	16.50	1.82	16.23	1.85	16.01	1.88	15.43	1.94
		10	9	19.06	1.86	18.63	1.92	18.10	1.98	17.80	2.01	17.57	2.04	16.93	2.10
		17	15	21.30	1.96	20.83	2.03	20.23	2.09	19.90	2.13	19.64	2.16	18.92	2.22
		20	19	22.85	2.01	22.34	2.08	21.70	2.15	21.34	2.18	21.06	2.21	20.29	2.28
		25	23	24.39	2.06	23.85	2.13	23.16	2.20	22.79	2.23	22.48	2.26	21.67	2.33
		30	28	26.32	2.12	25.73	2.19	25.00	2.26	24.59	2.30	24.26	2.33	23.38	2.40
		35	32	27.87	2.17	27.24	2.24	26.46	2.31	26.03	2.35	25.69	2.38	24.75	2.45
		40	36	29.41	2.21	28.75	2.29	27.93	2.36	27.48	2.40	27.11	2.43	26.12	2.51
		45	41	31.34	2.27	30.64	2.35	29.76	2.42	29.28	2.46	28.89	2.50	27.84	2.57
		47	43	32.11	2.30	31.40	2.37	30.50	2.45	30.00	2.49	29.60	2.52	28.52	2.60
		50	46	32.21	2.28	31.56	2.35	30.78	2.42	30.33	2.45	29.97	2.48	28.96	2.55
		55	51	32.36	2.26	31.83	2.31	31.24	2.37	30.88	2.40	30.59	2.42	29.69	2.47
		60	56	32.52	2.23	32.10	2.28	31.70	2.32	31.43	2.34	31.22	2.35	30.42	2.39
		63	59	32.62	2.22	32.26	2.25	31.98	2.29	31.76	2.30	31.59	2.31	30.85	2.34
		68	64	32.71	2.20	32.42	2.23	32.26	2.26	32.10	2.26	31.96	2.27	31.30	2.29
	9+24	-13	-13.4	7.13	1.35	6.97	1.40	6.77	1.44	6.66	1.46	6.57	1.48	6.33	1.53
		-4	-4.4	12.21	1.54	11.94	1.59	11.60	1.64	11.41	1.67	11.26	1.69	10.85	1.74
		0	-0.4	14.51	1.61	14.18	1.67	13.78	1.72	13.55	1.75	13.37	1.77	12.88	1.83
		5	4.5	17.37	1.71	16.98	1.77	16.50	1.82	16.23	1.85	16.01	1.88	15.43	1.94
		10	9	19.06	1.86	18.63	1.92	18.10	1.98	17.80	2.01	17.57	2.04	16.93	2.10
		17	15	21.30	1.96	20.83	2.03	20.23	2.09	19.90	2.13	19.64	2.16	18.92	2.22
		20	19	22.85	2.01	22.34	2.08	21.70	2.15	21.34	2.18	21.06	2.21	20.29	2.28
		25	23	24.39	2.06	23.85	2.13	23.16	2.20	22.79	2.23	22.48	2.26	21.67	2.33
		30	28	26.32	2.12	25.73	2.19	25.00	2.26	24.59	2.30	24.26	2.33	23.38	2.40
		35	32	27.87	2.17	27.24	2.24	26.46	2.31	26.03	2.35	25.69	2.38	24.75	2.45
		40	36	29.41	2.21	28.75	2.29	27.93	2.36	27.48	2.40	27.11	2.43	26.12	2.51
		45	41	31.34	2.27	30.64	2.35	29.76	2.42	29.28	2.46	28.89	2.50	27.84	2.57
		47	43	32.11	2.30	31.40	2.37	30.50	2.45	30.00	2.49	29.60	2.52	28.52	2.60
		50	46	32.21	2.28	31.56	2.35	30.78	2.42	30.33	2.45	29.97	2.48	28.96	2.55
		55	51	32.36	2.26	31.83	2.31	31.24	2.37	30.88	2.40	30.59	2.42	29.69	2.47
		60	56	32.52	2.23	32.10	2.28	31.70	2.32	31.43	2.34	31.22	2.35	30.42	2.39
		63	59	32.62	2.22	32.26	2.25	31.98	2.29	31.76	2.30	31.59	2.31	30.85	2.34
		68	64	32.71	2.20	32.42	2.23	32.26	2.26	32.10	2.26	31.96	2.27	31.30	2.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 32: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15+18	-13	-13.4	7.13	1.35	6.97	1.40	6.77	1.44	6.66	1.46	6.57	1.48	6.33	1.53
		-4	-4.4	12.21	1.54	11.94	1.59	11.60	1.64	11.41	1.67	11.26	1.69	10.85	1.74
		0	-0.4	14.51	1.61	14.18	1.67	13.78	1.72	13.55	1.75	13.37	1.77	12.88	1.83
		5	4.5	17.37	1.71	16.98	1.77	16.50	1.82	16.23	1.85	16.01	1.88	15.43	1.94
		10	9	19.06	1.86	18.63	1.92	18.10	1.98	17.80	2.01	17.57	2.04	16.93	2.10
		17	15	21.30	1.96	20.83	2.03	20.23	2.09	19.90	2.13	19.64	2.16	18.92	2.22
		20	19	22.85	2.01	22.34	2.08	21.70	2.15	21.34	2.18	21.06	2.21	20.29	2.28
		25	23	24.39	2.06	23.85	2.13	23.16	2.20	22.79	2.23	22.48	2.26	21.67	2.33
		30	28	26.32	2.12	25.73	2.19	25.00	2.26	24.59	2.30	24.26	2.33	23.38	2.40
		35	32	27.87	2.17	27.24	2.24	26.46	2.31	26.03	2.35	25.69	2.38	24.75	2.45
		40	36	29.41	2.21	28.75	2.29	27.93	2.36	27.48	2.40	27.11	2.43	26.12	2.51
		45	41	31.34	2.27	30.64	2.35	29.76	2.42	29.28	2.46	28.89	2.50	27.84	2.57
		47	43	32.11	2.30	31.40	2.37	30.50	2.45	30.00	2.49	29.60	2.52	28.52	2.60
		50	46	32.21	2.28	31.56	2.35	30.78	2.42	30.33	2.45	29.97	2.48	28.96	2.55
		55	51	32.36	2.26	31.83	2.31	31.24	2.37	30.88	2.40	30.59	2.42	29.69	2.47
		60	56	32.52	2.23	32.10	2.28	31.70	2.32	31.43	2.34	31.22	2.35	30.42	2.39
		63	59	32.62	2.22	32.26	2.25	31.98	2.29	31.76	2.30	31.59	2.31	30.85	2.34
		68	64	32.71	2.20	32.42	2.23	32.26	2.26	32.10	2.26	31.96	2.27	31.30	2.29
	18+18	-13	-13.4	7.13	1.35	6.97	1.40	6.77	1.44	6.66	1.46	6.57	1.48	6.33	1.53
		-4	-4.4	12.21	1.54	11.94	1.59	11.60	1.64	11.41	1.67	11.26	1.69	10.85	1.74
		0	-0.4	14.51	1.61	14.18	1.67	13.78	1.72	13.55	1.75	13.37	1.77	12.88	1.83
		5	4.5	17.37	1.71	16.98	1.77	16.50	1.82	16.23	1.85	16.01	1.88	15.43	1.94
		10	9	19.06	1.86	18.63	1.92	18.10	1.98	17.80	2.01	17.57	2.04	16.93	2.10
		17	15	21.30	1.96	20.83	2.03	20.23	2.09	19.90	2.13	19.64	2.16	18.92	2.22
		20	19	22.85	2.01	22.34	2.08	21.70	2.15	21.34	2.18	21.06	2.21	20.29	2.28
		25	23	24.39	2.06	23.85	2.13	23.16	2.20	22.79	2.23	22.48	2.26	21.67	2.33
		30	28	26.32	2.12	25.73	2.19	25.00	2.26	24.59	2.30	24.26	2.33	23.38	2.40
		35	32	27.87	2.17	27.24	2.24	26.46	2.31	26.03	2.35	25.69	2.38	24.75	2.45
		40	36	29.41	2.21	28.75	2.29	27.93	2.36	27.48	2.40	27.11	2.43	26.12	2.51
		45	41	31.34	2.27	30.64	2.35	29.76	2.42	29.28	2.46	28.89	2.50	27.84	2.57
		47	43	32.11	2.30	31.40	2.37	30.50	2.45	30.00	2.49	29.60	2.52	28.52	2.60
		50	46	32.21	2.28	31.56	2.35	30.78	2.42	30.33	2.45	29.97	2.48	28.96	2.55
		55	51	32.36	2.26	31.83	2.31	31.24	2.37	30.88	2.40	30.59	2.42	29.69	2.47
		60	56	32.52	2.23	32.10	2.28	31.70	2.32	31.43	2.34	31.22	2.35	30.42	2.39
		63	59	32.62	2.22	32.26	2.25	31.98	2.29	31.76	2.30	31.59	2.31	30.85	2.34
		68	64	32.71	2.20	32.42	2.23	32.26	2.26	32.10	2.26	31.96	2.27	31.30	2.29
	12+24	-13	-13.4	7.13	1.35	6.97	1.40	6.77	1.44	6.66	1.46	6.57	1.48	6.33	1.53
		-4	-4.4	12.21	1.54	11.94	1.59	11.60	1.64	11.41	1.67	11.26	1.69	10.85	1.74
		0	-0.4	14.51	1.61	14.18	1.67	13.78	1.72	13.55	1.75	13.37	1.77	12.88	1.83
		5	4.5	17.37	1.71	16.98	1.77	16.50	1.82	16.23	1.85	16.01	1.88	15.43	1.94
		10	9	19.06	1.86	18.63	1.92	18.10	1.98	17.80	2.01	17.57	2.04	16.93	2.10
		17	15	21.30	1.96	20.83	2.03	20.23	2.09	19.90	2.13	19.64	2.16	18.92	2.22
		20	19	22.85	2.01	22.34	2.08	21.70	2.15	21.34	2.18	21.06	2.21	20.29	2.28
		25	23	24.39	2.06	23.85	2.13	23.16	2.20	22.79	2.23	22.48	2.26	21.67	2.33
		30	28	26.32	2.12	25.73	2.19	25.00	2.26	24.59	2.30	24.26	2.33	23.38	2.40
		35	32	27.87	2.17	27.24	2.24	26.46	2.31	26.03	2.35	25.69	2.38	24.75	2.45
		40	36	29.41	2.21	28.75	2.29	27.93	2.36	27.48	2.40	27.11	2.43	26.12	2.51
		45	41	31.34	2.27	30.64	2.35	29.76	2.42	29.28	2.46	28.89	2.50	27.84	2.57
		47	43	32.11	2.30	31.40	2.37	30.50	2.45	30.00	2.49	29.60	2.52	28.52	2.60
		50	46	32.21	2.28	31.56	2.35	30.78	2.42	30.33	2.45	29.97	2.48	28.96	2.55
		55	51	32.36	2.26	31.83	2.31	31.24	2.37	30.88	2.40	30.59	2.42	29.69	2.47
		60	56	32.52	2.23	32.10	2.28	31.70	2.32	31.43	2.34	31.22	2.35	30.42	2.39
		63	59	32.62	2.22	32.26	2.25	31.98	2.29	31.76	2.30	31.59	2.31	30.85	2.34
		68	64	32.71	2.20	32.42	2.23	32.26	2.26	32.10	2.26	31.96	2.27	31.30	2.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 33: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15+24	-13	-13.4	7.13	1.35	6.97	1.40	6.77	1.44	6.66	1.46	6.57	1.48	6.33	1.53
		-4	-4.4	12.21	1.54	11.94	1.59	11.60	1.64	11.41	1.67	11.26	1.69	10.85	1.74
		0	-0.4	14.51	1.61	14.18	1.67	13.78	1.72	13.55	1.75	13.37	1.77	12.88	1.83
		5	4.5	17.37	1.71	16.98	1.77	16.50	1.82	16.23	1.85	16.01	1.88	15.43	1.94
		10	9	19.06	1.86	18.63	1.92	18.10	1.98	17.80	2.01	17.57	2.04	16.93	2.10
		17	15	21.30	1.96	20.83	2.03	20.23	2.09	19.90	2.13	19.64	2.16	18.92	2.22
		20	19	22.85	2.01	22.34	2.08	21.70	2.15	21.34	2.18	21.06	2.21	20.29	2.28
		25	23	24.39	2.06	23.85	2.13	23.16	2.20	22.79	2.23	22.48	2.26	21.67	2.33
		30	28	26.32	2.12	25.73	2.19	25.00	2.26	24.59	2.30	24.26	2.33	23.38	2.40
		35	32	27.87	2.17	27.24	2.24	26.46	2.31	26.03	2.35	25.69	2.38	24.75	2.45
		40	36	29.41	2.21	28.75	2.29	27.93	2.36	27.48	2.40	27.11	2.43	26.12	2.51
		45	41	31.34	2.27	30.64	2.35	29.76	2.42	29.28	2.46	28.89	2.50	27.84	2.57
		47	43	32.11	2.30	31.40	2.37	30.50	2.45	30.00	2.49	29.60	2.52	28.52	2.60
		50	46	32.21	2.28	31.56	2.35	30.78	2.42	30.33	2.45	29.97	2.48	28.96	2.55
		55	51	32.36	2.26	31.83	2.31	31.24	2.37	30.88	2.40	30.59	2.42	29.69	2.47
		60	56	32.52	2.23	32.10	2.28	31.70	2.32	31.43	2.34	31.22	2.35	30.42	2.39
		63	59	32.62	2.22	32.26	2.25	31.98	2.29	31.76	2.30	31.59	2.31	30.85	2.34
		68	64	32.71	2.20	32.42	2.23	32.26	2.26	32.10	2.26	31.96	2.27	31.30	2.29
Three (3) Non-Ducted Indoor Units	7+7+7	-13	-13.4	5.19	1.07	5.07	1.11	4.93	1.15	4.85	1.16	4.78	1.18	4.61	1.22
		-4	-4.4	8.89	1.22	8.69	1.26	8.44	1.30	8.31	1.33	8.19	1.34	7.90	1.39
		0	-0.4	10.56	1.28	10.32	1.33	10.03	1.37	9.87	1.39	9.73	1.41	9.38	1.45
		5	4.5	12.65	1.36	12.36	1.40	12.01	1.45	11.82	1.47	11.66	1.49	11.23	1.54
		10	9	13.87	1.48	13.56	1.53	13.18	1.57	12.96	1.60	12.79	1.62	12.32	1.67
		17	15	15.51	1.56	15.16	1.61	14.73	1.67	14.49	1.69	14.29	1.72	13.77	1.77
		20	19	16.63	1.60	16.26	1.65	15.80	1.71	15.54	1.74	15.33	1.76	14.77	1.81
		25	23	17.76	1.64	17.36	1.69	16.86	1.75	16.59	1.78	16.37	1.80	15.77	1.85
		30	28	19.16	1.68	18.73	1.74	18.20	1.80	17.90	1.83	17.66	1.85	17.02	1.91
		35	32	20.29	1.72	19.83	1.78	19.27	1.84	18.95	1.87	18.70	1.89	18.02	1.95
		40	36	21.41	1.76	20.93	1.82	20.33	1.88	20.00	1.91	19.74	1.93	19.02	1.99
		45	41	22.82	1.81	22.31	1.87	21.67	1.93	21.31	1.96	21.03	1.99	20.27	2.05
		47	43	23.38	1.83	22.86	1.89	22.20	1.95	21.84	1.98	21.55	2.01	20.77	2.07
		50	46	23.45	1.81	22.97	1.87	22.41	1.92	22.08	1.95	21.82	1.97	21.08	2.03
		55	51	23.56	1.80	23.17	1.84	22.74	1.88	22.48	1.90	22.27	1.92	21.61	1.96
		60	56	23.68	1.78	23.37	1.81	23.08	1.84	22.88	1.86	22.72	1.87	22.14	1.90
		63	59	23.74	1.76	23.49	1.79	23.28	1.82	23.12	1.83	23.00	1.84	22.46	1.86
		68	64	23.81	1.75	23.60	1.78	23.49	1.80	23.37	1.80	23.27	1.80	22.78	1.82
	7+7+9	-13	-13.4	5.68	1.12	5.56	1.15	5.40	1.19	5.31	1.21	5.24	1.23	5.05	1.27
		-4	-4.4	9.74	1.27	9.52	1.32	9.25	1.36	9.10	1.38	8.98	1.40	8.65	1.44
		0	-0.4	11.57	1.34	11.31	1.38	10.98	1.42	10.80	1.45	10.66	1.47	10.27	1.51
		5	4.5	13.85	1.41	13.54	1.46	13.16	1.51	12.94	1.53	12.77	1.55	12.30	1.60
		10	9	15.19	1.54	14.86	1.59	14.43	1.64	14.19	1.67	14.01	1.69	13.50	1.74
		17	15	16.98	1.63	16.60	1.68	16.13	1.73	15.87	1.76	15.66	1.79	15.09	1.84
		20	19	18.22	1.66	17.81	1.72	17.30	1.77	17.02	1.81	16.79	1.83	16.18	1.88
		25	23	19.45	1.70	19.01	1.76	18.47	1.82	18.17	1.85	17.93	1.87	17.27	1.93
		30	28	20.99	1.75	20.52	1.81	19.93	1.87	19.61	1.90	19.35	1.93	18.64	1.98
		35	32	22.22	1.79	21.72	1.85	21.10	1.91	20.76	1.94	20.48	1.97	19.74	2.03
		40	36	23.45	1.83	22.93	1.89	22.27	1.95	21.91	1.99	21.62	2.01	20.83	2.07
		45	41	24.99	1.88	24.43	1.94	23.73	2.00	23.34	2.04	23.03	2.07	22.20	2.13
		47	43	25.60	1.90	25.03	1.96	24.32	2.03	23.92	2.06	23.60	2.09	22.74	2.15
		50	46	25.68	1.89	25.16	1.94	24.54	2.00	24.18	2.03	23.90	2.05	23.09	2.11
		55	51	25.81	1.87	25.38	1.91	24.91	1.96	24.62	1.98	24.39	2.00	23.67	2.04
		60	56	25.93	1.85	25.59	1.88	25.28	1.92	25.06	1.93	24.89	1.94	24.25	1.97
		63	59	26.01	1.84	25.72	1.87	25.50	1.89	25.33	1.90	25.19	1.91	24.60	1.93
		68	64	26.08	1.82	25.85	1.85	25.72	1.87	25.59	1.87	25.49	1.88	24.95	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 34: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+9+9	-13	-13.4	6.18	1.18	6.04	1.22	5.87	1.25	5.77	1.28	5.69	1.29	5.49	1.33
		-4	-4.4	10.58	1.34	10.35	1.39	10.05	1.43	9.89	1.45	9.76	1.47	9.40	1.52
		0	-0.4	12.57	1.41	12.29	1.45	11.94	1.50	11.74	1.53	11.59	1.55	11.17	1.59
		5	4.5	15.06	1.49	14.72	1.54	14.30	1.59	14.07	1.62	13.88	1.64	13.37	1.69
		10	9	16.52	1.62	16.15	1.67	15.69	1.73	15.43	1.76	15.22	1.78	14.67	1.83
		17	15	18.46	1.71	18.05	1.77	17.53	1.83	17.25	1.86	17.02	1.88	16.40	1.94
		20	19	19.80	1.75	19.36	1.81	18.80	1.87	18.50	1.90	18.25	1.93	17.59	1.99
		25	23	21.14	1.79	20.67	1.85	20.08	1.91	19.75	1.95	19.49	1.97	18.78	2.03
		30	28	22.81	1.85	22.30	1.91	21.66	1.97	21.31	2.00	21.03	2.03	20.26	2.09
		35	32	24.15	1.89	23.61	1.95	22.94	2.01	22.56	2.05	22.26	2.07	21.45	2.14
		40	36	25.49	1.93	24.92	1.99	24.21	2.06	23.81	2.09	23.50	2.12	22.64	2.18
		45	41	27.16	1.98	26.55	2.05	25.80	2.11	25.37	2.15	25.04	2.18	24.13	2.24
		47	43	27.83	2.00	27.21	2.07	26.43	2.13	26.00	2.17	25.65	2.20	24.72	2.27
		50	46	27.91	1.99	27.35	2.05	26.67	2.11	26.29	2.14	25.98	2.16	25.10	2.22
		55	51	28.05	1.97	27.58	2.02	27.07	2.06	26.76	2.09	26.52	2.11	25.73	2.15
		60	56	28.19	1.95	27.82	1.98	27.48	2.02	27.24	2.04	27.05	2.05	26.36	2.08
		63	59	28.27	1.93	27.96	1.96	27.72	1.99	27.53	2.00	27.38	2.01	26.74	2.04
		68	64	28.35	1.92	28.10	1.95	27.96	1.97	27.82	1.97	27.70	1.98	27.12	1.99
	7+7+12	-13	-13.4	6.18	1.18	6.04	1.22	5.87	1.25	5.77	1.28	5.69	1.29	5.49	1.33
		-4	-4.4	10.58	1.34	10.35	1.39	10.05	1.43	9.89	1.45	9.76	1.47	9.40	1.52
		0	-0.4	12.57	1.41	12.29	1.45	11.94	1.50	11.74	1.53	11.59	1.55	11.17	1.59
		5	4.5	15.06	1.49	14.72	1.54	14.30	1.59	14.07	1.62	13.88	1.64	13.37	1.69
		10	9	16.52	1.62	16.15	1.67	15.69	1.73	15.43	1.76	15.22	1.78	14.67	1.83
		17	15	18.46	1.71	18.05	1.77	17.53	1.83	17.25	1.86	17.02	1.88	16.40	1.94
		20	19	19.80	1.75	19.36	1.81	18.80	1.87	18.50	1.90	18.25	1.93	17.59	1.99
		25	23	21.14	1.79	20.67	1.85	20.08	1.91	19.75	1.95	19.49	1.97	18.78	2.03
		30	28	22.81	1.85	22.30	1.91	21.66	1.97	21.31	2.00	21.03	2.03	20.26	2.09
		35	32	24.15	1.89	23.61	1.95	22.94	2.01	22.56	2.05	22.26	2.07	21.45	2.14
		40	36	25.49	1.93	24.92	1.99	24.21	2.06	23.81	2.09	23.50	2.12	22.64	2.18
		45	41	27.16	1.98	26.55	2.05	25.80	2.11	25.37	2.15	25.04	2.18	24.13	2.24
		47	43	27.83	2.00	27.21	2.07	26.43	2.13	26.00	2.17	25.65	2.20	24.72	2.27
		50	46	27.91	1.99	27.35	2.05	26.67	2.11	26.29	2.14	25.98	2.16	25.10	2.22
		55	51	28.05	1.97	27.58	2.02	27.07	2.06	26.76	2.09	26.52	2.11	25.73	2.15
		60	56	28.19	1.95	27.82	1.98	27.48	2.02	27.24	2.04	27.05	2.05	26.36	2.08
		63	59	28.27	1.93	27.96	1.96	27.72	1.99	27.53	2.00	27.38	2.01	26.74	2.04
		68	64	28.35	1.92	28.10	1.95	27.96	1.97	27.82	1.97	27.70	1.98	27.12	1.99
	9+9+9	-13	-13.4	6.48	1.21	6.34	1.25	6.15	1.29	6.05	1.31	5.97	1.33	5.76	1.37
		-4	-4.4	11.10	1.38	10.86	1.42	10.55	1.47	10.37	1.49	10.24	1.51	9.86	1.56
		0	-0.4	13.19	1.45	12.90	1.49	12.53	1.54	12.32	1.57	12.16	1.59	11.72	1.64
		5	4.5	15.80	1.53	15.44	1.58	15.00	1.63	14.76	1.66	14.56	1.68	14.03	1.73
		10	9	17.33	1.66	16.94	1.72	16.46	1.77	16.19	1.80	15.97	1.83	15.39	1.88
		17	15	19.37	1.76	18.94	1.82	18.40	1.88	18.10	1.91	17.86	1.93	17.21	1.99
		20	19	20.77	1.80	20.31	1.86	19.73	1.92	19.41	1.95	19.15	1.98	18.45	2.04
		25	23	22.18	1.84	21.68	1.91	21.06	1.97	20.72	2.00	20.44	2.03	19.70	2.09
		30	28	23.93	1.90	23.40	1.96	22.73	2.02	22.36	2.06	22.06	2.09	21.26	2.15
		35	32	25.34	1.94	24.77	2.00	24.07	2.07	23.67	2.10	23.36	2.13	22.51	2.20
		40	36	26.74	1.98	26.15	2.05	25.40	2.11	24.98	2.15	24.65	2.18	23.76	2.24
		45	41	28.50	2.04	27.86	2.10	27.07	2.17	26.62	2.21	26.27	2.24	25.31	2.30
		47	43	29.20	2.06	28.55	2.12	27.73	2.19	27.28	2.23	26.92	2.26	25.94	2.33
		50	46	29.29	2.04	28.70	2.10	27.99	2.17	27.58	2.20	27.26	2.22	26.34	2.28
		55	51	29.43	2.02	28.84	2.07	28.41	2.12	28.08	2.14	27.82	2.16	27.00	2.21
		60	56	29.57	2.00	29.19	2.04	28.83	2.08	28.58	2.09	28.39	2.10	27.66	2.14
		63	59	29.66	1.99	29.34	2.02	29.08	2.05	28.88	2.06	28.72	2.07	28.06	2.09
		68	64	29.74	1.97	29.48	2.00	29.34	2.02	29.19	2.03	29.07	2.03	28.46	2.05

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 35: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+9+12	-13	-13.4	6.70	1.23	6.55	1.27	6.36	1.31	6.26	1.34	6.17	1.35	5.95	1.39
		-4	-4.4	11.48	1.40	11.22	1.45	10.90	1.50	10.72	1.52	10.58	1.54	10.19	1.59
		0	-0.4	13.63	1.47	13.33	1.52	12.95	1.57	12.73	1.60	12.56	1.62	12.11	1.67
		5	4.5	16.32	1.56	15.96	1.61	15.50	1.66	15.25	1.69	15.05	1.71	14.50	1.76
		10	9	17.91	1.69	17.51	1.75	17.01	1.81	16.73	1.84	16.51	1.86	15.91	1.92
		17	15	20.02	1.79	19.57	1.85	19.01	1.91	18.70	1.94	18.45	1.97	17.78	2.03
		20	19	21.47	1.83	20.99	1.89	20.39	1.96	20.06	1.99	19.79	2.02	19.07	2.08
		25	23	22.92	1.88	22.41	1.94	21.77	2.00	21.41	2.04	21.13	2.06	20.36	2.13
		30	28	24.73	1.93	24.18	2.00	23.49	2.06	23.11	2.09	22.80	2.12	21.97	2.19
		35	32	26.18	1.97	25.60	2.04	24.87	2.11	24.46	2.14	24.14	2.17	23.26	2.24
		40	36	27.64	2.02	27.02	2.08	26.25	2.15	25.82	2.19	25.47	2.22	24.55	2.28
		45	41	29.45	2.07	28.79	2.14	27.97	2.21	27.51	2.25	27.15	2.28	26.16	2.35
		47	43	30.18	2.09	29.50	2.16	28.66	2.23	28.19	2.27	27.82	2.30	26.80	2.37
		50	46	30.26	2.08	29.65	2.14	28.92	2.20	28.50	2.24	28.17	2.26	27.21	2.33
		55	51	30.41	2.06	29.91	2.11	29.36	2.16	29.02	2.18	28.75	2.20	27.90	2.25
		60	56	30.56	2.04	30.16	2.08	29.79	2.11	29.54	2.13	29.33	2.14	28.58	2.18
		63	59	30.65	2.02	30.31	2.06	30.05	2.09	29.85	2.10	29.68	2.11	28.99	2.13
		68	64	30.74	2.01	30.47	2.04	30.32	2.06	30.16	2.06	30.04	2.07	29.41	2.09
	7+7+15	-13	-13.4	6.91	1.25	6.76	1.29	6.56	1.34	6.46	1.36	6.37	1.38	6.14	1.42
		-4	-4.4	11.84	1.43	11.58	1.47	11.25	1.52	11.06	1.55	10.92	1.57	10.52	1.62
		0	-0.4	14.07	1.50	13.75	1.55	13.36	1.60	13.14	1.62	12.97	1.65	12.49	1.70
		5	4.5	16.85	1.59	16.47	1.64	16.00	1.69	15.74	1.72	15.53	1.74	14.96	1.80
		10	9	18.48	1.72	18.07	1.78	17.55	1.84	17.26	1.87	17.03	1.89	16.41	1.95
		17	15	20.66	1.82	20.19	1.88	19.62	1.94	19.30	1.98	19.04	2.00	18.35	2.06
		20	19	22.15	1.87	21.66	1.93	21.04	1.99	20.70	2.02	20.42	2.05	19.68	2.11
		25	23	23.65	1.91	23.12	1.97	22.46	2.04	22.09	2.07	21.80	2.10	21.01	2.16
		30	28	25.52	1.97	24.95	2.03	24.24	2.10	23.84	2.13	23.53	2.16	22.67	2.23
		35	32	27.02	2.01	26.42	2.08	25.66	2.14	25.24	2.18	24.91	2.21	24.00	2.28
		40	36	28.52	2.05	27.88	2.12	27.08	2.19	26.64	2.23	26.29	2.26	25.33	2.32
		45	41	30.39	2.11	29.71	2.18	28.86	2.25	28.39	2.29	28.01	2.32	26.99	2.39
		47	43	31.14	2.13	30.44	2.20	29.57	2.27	29.09	2.31	28.70	2.34	27.66	2.41
		50	46	31.23	2.12	30.60	2.18	29.84	2.24	29.41	2.28	29.06	2.30	28.08	2.37
		55	51	31.38	2.09	30.86	2.15	30.29	2.20	29.94	2.22	29.67	2.24	28.79	2.29
		60	56	31.54	2.07	31.12	2.11	30.74	2.15	30.48	2.17	30.27	2.18	29.49	2.21
		63	59	31.63	2.06	31.28	2.09	31.01	2.12	30.80	2.13	30.63	2.14	29.92	2.17
		68	64	31.72	2.05	31.44	2.07	31.28	2.10	31.12	2.10	31.00	2.11	30.35	2.12
	9+9+12	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 36: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+9+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	7+12+12	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	7+7+18	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 37: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9+9+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
	9+12+12	60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
		-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
	7+9+18	47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
		-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 38: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+12+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	9+9+18	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	9+12+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 39: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12+12+12	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	7+12+18	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	7+15+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 40: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+7+24	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	9+12+18	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	9+15+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 41: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12+12+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
	7+9+24	60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
		-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
	7+15+18	47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
		-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 42: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7+7+7+7	-13	-13.4	6.70	1.22	6.55	1.26	6.36	1.30	6.26	1.32	6.17	1.34	5.95	1.38
		-4	-4.4	11.48	1.39	11.22	1.44	10.90	1.48	10.72	1.51	10.58	1.53	10.19	1.57
		0	-0.4	13.63	1.46	13.33	1.51	12.95	1.56	12.73	1.58	12.56	1.60	12.11	1.65
		5	4.5	16.32	1.55	15.96	1.60	15.50	1.65	15.25	1.68	15.05	1.70	14.50	1.75
		10	9	17.91	1.68	17.51	1.73	17.01	1.79	16.73	1.82	16.51	1.85	15.91	1.90
		17	15	20.02	1.78	19.57	1.83	19.01	1.89	18.70	1.93	18.45	1.95	17.78	2.01
		20	19	21.47	1.82	20.99	1.88	20.39	1.94	20.06	1.97	19.79	2.00	19.07	2.06
		25	23	22.92	1.86	22.41	1.92	21.77	1.98	21.41	2.02	21.13	2.05	20.36	2.11
		30	28	24.73	1.91	24.18	1.98	23.49	2.04	23.11	2.08	22.80	2.10	21.97	2.17
		35	32	26.18	1.96	25.60	2.02	24.87	2.09	24.46	2.12	24.14	2.15	23.26	2.22
		40	36	27.64	2.00	27.02	2.07	26.25	2.13	25.82	2.17	25.47	2.20	24.55	2.26
		45	41	29.45	2.05	28.79	2.12	27.97	2.19	27.51	2.23	27.15	2.26	26.16	2.32
		47	43	30.18	2.07	29.50	2.14	28.66	2.21	28.19	2.25	27.82	2.28	26.80	2.35
		50	46	30.26	2.06	29.65	2.12	28.92	2.18	28.50	2.22	28.17	2.24	27.21	2.30
		55	51	30.41	2.04	29.91	2.09	29.36	2.14	29.02	2.16	28.75	2.18	27.90	2.23
		60	56	30.56	2.02	30.16	2.06	29.79	2.09	29.54	2.11	29.33	2.12	28.58	2.16
		63	59	30.65	2.01	30.31	2.04	30.05	2.07	29.85	2.08	29.68	2.09	28.99	2.11
		68	64	30.74	1.99	30.47	2.02	30.32	2.04	30.16	2.05	30.04	2.05	29.41	2.07
	7+7+7+9	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	7+7+9+9	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 43: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7+7+7+12	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	7+9+9+9	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	7+7+9+12	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 44: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7+7+7+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	9+9+9+9	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
	7+9+9+12	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 45: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7+7+9+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
	7+7+12+12	60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
		-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
	7+7+7+18	47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
		-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 46: KUMXA301A Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9+9+9+12	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
	7+9+9+15	60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
		-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
	7+9+12+12	47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16
		-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.4	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.5	11.6	1.55	11.41	1.58	11.26	1.6	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.5	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.1	1.87	17.8	1.9	17.57	1.93	16.93	1.99
		17	15	21.3	1.85	20.83	1.92	20.23	1.98	19.9	2.01	19.64	2.04	18.92	2.1
		20	19	22.85	1.9	22.34	1.96	21.7	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.2
		30	28	26.32	2	25.73	2.07	25	2.13	24.59	2.17	24.26	2.2	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.3	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.4	2.24	30.5	2.31	30	2.35	29.6	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.1	2.15	31.7	2.19	31.43	2.2	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.1	2.14	31.96	2.14	31.3	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 47: KUMXA301A Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9+9	-13	-13.4	1.69	1.21	1.65	1.25	1.60	1.29	1.57	1.32	1.55	1.33	1.50	1.37
		-4	-4.4	6.68	1.38	6.54	1.43	6.35	1.47	6.25	1.50	6.16	1.52	5.94	1.57
		0	-0.4	8.94	1.45	8.74	1.50	8.49	1.55	8.35	1.57	8.24	1.60	7.94	1.64
		5	4.5	11.76	1.54	11.50	1.59	11.17	1.64	10.99	1.67	10.84	1.69	10.45	1.74
		10	9	13.41	1.69	13.11	1.75	12.74	1.81	12.53	1.84	12.37	1.86	11.92	1.92
		17	15	15.62	1.81	15.27	1.87	14.84	1.93	14.59	1.96	14.40	1.99	13.88	2.05
		20	19	16.75	1.85	16.38	1.91	15.91	1.97	15.65	2.01	15.44	2.03	14.88	2.10
		25	23	17.89	1.89	17.49	1.96	16.99	2.02	16.71	2.05	16.49	2.08	15.89	2.14
		30	28	19.30	1.95	18.87	2.01	18.33	2.08	18.03	2.11	17.79	2.14	17.15	2.21
		35	32	20.43	1.99	19.98	2.06	19.41	2.12	19.09	2.16	18.84	2.19	18.15	2.26
		40	36	21.57	2.04	21.09	2.10	20.48	2.17	20.15	2.21	19.88	2.24	19.16	2.30
		45	41	22.98	2.09	22.47	2.16	21.83	2.23	21.47	2.27	21.19	2.30	20.42	2.37
		47	43	23.55	2.11	23.02	2.18	22.37	2.25	22.00	2.29	21.71	2.32	20.92	2.39
		50	46	23.62	2.10	23.14	2.16	22.57	2.22	22.24	2.26	21.98	2.28	21.24	2.35
		55	51	23.73	2.08	23.34	2.13	22.91	2.18	22.65	2.20	22.44	2.22	21.77	2.27
		60	56	23.85	2.05	23.54	2.09	23.25	2.13	23.05	2.15	22.89	2.16	22.31	2.19
		63	59	23.92	2.04	23.66	2.07	23.45	2.10	23.29	2.12	23.16	2.12	22.63	2.15
		68	64	23.99	2.03	23.78	2.05	23.66	2.08	23.54	2.08	23.44	2.09	22.95	2.10
	9+12	-13	-13.4	1.69	1.24	1.65	1.28	1.60	1.32	1.57	1.34	1.55	1.36	1.50	1.40
		-4	-4.4	6.68	1.41	6.54	1.45	6.35	1.50	6.25	1.53	6.16	1.55	5.94	1.59
		0	-0.4	8.94	1.48	8.74	1.53	8.49	1.57	8.35	1.60	8.24	1.62	7.94	1.67
		5	4.5	11.76	1.56	11.50	1.62	11.17	1.67	10.99	1.70	10.84	1.72	10.45	1.77
		10	9	13.41	1.72	13.11	1.78	12.74	1.84	12.53	1.87	12.37	1.89	11.92	1.95
		17	15	15.62	1.84	15.27	1.90	14.84	1.96	14.59	1.99	14.40	2.02	13.88	2.08
		20	19	16.75	1.88	16.38	1.95	15.91	2.01	15.65	2.04	15.44	2.07	14.88	2.13
		25	23	17.89	1.93	17.49	1.99	16.99	2.05	16.71	2.09	16.49	2.12	15.89	2.18
		30	28	19.30	1.98	18.87	2.05	18.33	2.11	18.03	2.15	17.79	2.18	17.15	2.24
		35	32	20.43	2.03	19.98	2.09	19.41	2.16	19.09	2.20	18.84	2.23	18.15	2.29
		40	36	21.57	2.07	21.09	2.14	20.48	2.21	20.15	2.25	19.88	2.28	19.16	2.34
		45	41	22.98	2.13	22.47	2.20	21.83	2.27	21.47	2.31	21.19	2.34	20.42	2.41
		47	43	23.55	2.15	23.02	2.22	22.37	2.29	22.00	2.33	21.71	2.36	20.92	2.43
		50	46	23.62	2.13	23.14	2.20	22.57	2.26	22.24	2.30	21.98	2.32	21.24	2.39
		55	51	23.73	2.11	23.34	2.16	22.91	2.22	22.65	2.24	22.44	2.26	21.77	2.31
		60	56	23.85	2.09	23.54	2.13	23.25	2.17	23.05	2.19	22.89	2.20	22.31	2.23
		63	59	23.92	2.08	23.66	2.11	23.45	2.14	23.29	2.15	23.16	2.16	22.63	2.19
		68	64	23.99	2.06	23.78	2.09	23.66	2.11	23.54	2.12	23.44	2.12	22.95	2.14
	12+12	-13	-13.4	1.84	1.26	1.80	1.30	1.75	1.34	1.72	1.36	1.69	1.38	1.63	1.42
		-4	-4.4	7.29	1.43	7.13	1.48	6.93	1.53	6.81	1.55	6.72	1.57	6.48	1.62
		0	-0.4	9.75	1.50	9.53	1.55	9.26	1.60	9.11	1.63	8.99	1.65	8.66	1.70
		5	4.5	12.83	1.59	12.54	1.64	12.18	1.70	11.98	1.72	11.82	1.75	11.39	1.80
		10	9	14.63	1.75	14.31	1.81	13.90	1.87	13.67	1.90	13.49	1.93	13.00	1.98
		17	15	17.04	1.87	16.66	1.93	16.18	1.99	15.92	2.03	15.71	2.06	15.14	2.12
		20	19	18.28	1.92	17.87	1.98	17.36	2.04	17.07	2.08	16.85	2.11	16.23	2.17
		25	23	19.51	1.96	19.08	2.02	18.53	2.09	18.23	2.13	17.99	2.15	17.33	2.22
		30	28	21.06	2.02	20.59	2.08	20.00	2.15	19.67	2.19	19.41	2.22	18.70	2.28
		35	32	22.29	2.06	21.79	2.13	21.17	2.20	20.83	2.24	20.55	2.27	19.80	2.33
		40	36	23.53	2.11	23.00	2.18	22.35	2.25	21.98	2.28	21.69	2.32	20.90	2.39
		45	41	25.07	2.16	24.51	2.23	23.81	2.31	23.42	2.35	23.11	2.38	22.27	2.45
		47	43	25.69	2.19	25.12	2.26	24.40	2.33	24.00	2.37	23.68	2.40	22.82	2.47
		50	46	25.77	2.17	25.25	2.24	24.62	2.30	24.26	2.34	23.98	2.36	23.17	2.43
		55	51	25.89	2.15	25.46	2.20	24.99	2.25	24.71	2.28	24.48	2.30	23.75	2.35
		60	56	26.02	2.13	25.68	2.17	25.36	2.21	25.15	2.22	24.97	2.24	24.33	2.27
		63	59	26.09	2.11	25.81	2.15	25.59	2.18	25.41	2.19	25.27	2.20	24.68	2.22
		68	64	26.17	2.10	25.94	2.13	25.81	2.15	25.68	2.16	25.57	2.16	25.04	2.18

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 48: KUMXA301A Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9+18	-13	-13.4	2.00	1.28	1.96	1.32	1.90	1.36	1.87	1.39	1.85	1.40	1.78	1.45
		-4	-4.4	7.94	1.46	7.77	1.50	7.54	1.55	7.42	1.58	7.32	1.60	7.06	1.65
		0	-0.4	10.62	1.53	10.39	1.58	10.09	1.63	9.92	1.66	9.79	1.68	9.44	1.73
		5	4.5	13.97	1.62	13.66	1.67	13.27	1.72	13.05	1.75	12.88	1.78	12.41	1.83
		10	9	15.94	1.78	15.58	1.84	15.14	1.90	14.89	1.93	14.69	1.96	14.16	2.02
		17	15	18.56	1.90	18.15	1.96	17.63	2.03	17.34	2.06	17.11	2.09	16.49	2.15
		20	19	19.91	1.95	19.46	2.01	18.91	2.08	18.60	2.11	18.35	2.14	17.68	2.21
		25	23	21.25	1.99	20.78	2.06	20.18	2.13	19.85	2.16	19.59	2.19	18.88	2.26
		30	28	22.93	2.05	22.42	2.12	21.78	2.19	21.43	2.22	21.14	2.25	20.37	2.32
		35	32	24.28	2.10	23.74	2.17	23.06	2.23	22.68	2.27	22.38	2.30	21.57	2.37
		40	36	25.63	2.14	25.05	2.21	24.34	2.28	23.94	2.32	23.62	2.35	22.76	2.43
		45	41	27.31	2.20	26.70	2.27	25.94	2.34	25.51	2.39	25.17	2.42	24.26	2.49
		47	43	27.98	2.22	27.36	2.30	26.57	2.37	26.14	2.41	25.79	2.44	24.85	2.52
		50	46	28.06	2.21	27.50	2.27	26.82	2.34	26.43	2.38	26.12	2.40	25.24	2.47
		55	51	28.20	2.18	27.73	2.24	27.22	2.29	26.91	2.32	26.66	2.34	25.87	2.39
		60	56	28.34	2.16	27.97	2.20	27.62	2.24	27.39	2.26	27.20	2.27	26.50	2.31
		63	59	28.42	2.15	28.11	2.18	27.87	2.21	27.68	2.23	27.52	2.24	26.88	2.26
		68	64	28.50	2.13	28.25	2.16	28.11	2.19	27.97	2.19	27.85	2.20	27.27	2.22
	12+18	-13	-13.4	2.30	1.29	2.25	1.34	2.18	1.38	2.15	1.40	2.12	1.42	2.04	1.46
		-4	-4.4	9.12	1.47	8.91	1.52	8.66	1.57	8.52	1.60	8.40	1.62	8.10	1.67
		0	-0.4	12.19	1.55	11.92	1.60	11.58	1.65	11.39	1.68	11.24	1.70	10.83	1.75
		5	4.5	16.04	1.64	15.68	1.69	15.23	1.75	14.98	1.78	14.78	1.80	14.24	1.85
		10	9	18.29	1.80	17.88	1.86	17.37	1.92	17.09	1.96	16.86	1.98	16.25	2.04
		17	15	21.30	1.93	20.83	1.99	20.23	2.05	19.90	2.09	19.64	2.12	18.92	2.18
		20	19	22.85	1.97	22.34	2.04	21.70	2.10	21.34	2.14	21.06	2.17	20.29	2.23
		25	23	24.39	2.02	23.85	2.08	23.16	2.15	22.79	2.19	22.48	2.22	21.67	2.28
		30	28	26.32	2.08	25.73	2.14	25.00	2.21	24.59	2.25	24.26	2.28	23.38	2.35
		35	32	27.87	2.12	27.24	2.19	26.46	2.26	26.03	2.30	25.69	2.33	24.75	2.40
		40	36	29.41	2.17	28.75	2.24	27.93	2.31	27.48	2.35	27.11	2.38	26.12	2.46
		45	41	31.34	2.23	30.64	2.30	29.76	2.37	29.28	2.41	28.89	2.45	27.84	2.52
		47	43	32.11	2.25	31.40	2.32	30.50	2.40	30.00	2.44	29.60	2.47	28.52	2.55
		50	46	32.21	2.24	31.56	2.30	30.78	2.37	30.33	2.41	29.97	2.43	28.96	2.50
		55	51	32.36	2.21	31.83	2.27	31.24	2.32	30.88	2.35	30.59	2.37	29.69	2.42
		60	56	32.52	2.19	32.10	2.23	31.70	2.27	31.43	2.29	31.22	2.30	30.42	2.34
		63	59	32.62	2.17	32.26	2.21	31.98	2.24	31.76	2.25	31.59	2.26	30.85	2.29
		68	64	32.71	2.16	32.42	2.19	32.26	2.21	32.10	2.22	31.96	2.22	31.30	2.24
	18*+18*	-13	-13.4	2.30	1.29	2.25	1.34	2.18	1.38	2.15	1.40	2.12	1.42	2.04	1.46
		-4	-4.4	9.12	1.47	8.91	1.52	8.66	1.57	8.52	1.60	8.40	1.62	8.10	1.67
		0	-0.4	12.19	1.55	11.92	1.60	11.58	1.65	11.39	1.68	11.24	1.70	10.83	1.75
		5	4.5	16.04	1.64	15.68	1.69	15.23	1.75	14.98	1.78	14.78	1.80	14.24	1.85
		10	9	18.29	1.80	17.88	1.86	17.37	1.92	17.09	1.96	16.86	1.98	16.25	2.04
		17	15	21.30	1.93	20.83	1.99	20.23	2.05	19.90	2.09	19.64	2.12	18.92	2.18
		20	19	22.85	1.97	22.34	2.04	21.70	2.10	21.34	2.14	21.06	2.17	20.29	2.23
		25	23	24.39	2.02	23.85	2.08	23.16	2.15	22.79	2.19	22.48	2.22	21.67	2.28
		30	28	26.32	2.08	25.73	2.14	25.00	2.21	24.59	2.25	24.26	2.28	23.38	2.35
		35	32	27.87	2.12	27.24	2.19	26.46	2.26	26.03	2.30	25.69	2.33	24.75	2.40
		40	36	29.41	2.17	28.75	2.24	27.93	2.31	27.48	2.35	27.11	2.38	26.12	2.46
		45	41	31.34	2.23	30.64	2.30	29.76	2.37	29.28	2.41	28.89	2.45	27.84	2.52
		47	43	32.11	2.25	31.40	2.32	30.50	2.40	30.00	2.44	29.60	2.47	28.52	2.55
		50	46	32.21	2.24	31.56	2.30	30.78	2.37	30.33	2.41	29.97	2.43	28.96	2.50
		55	51	32.36	2.21	31.83	2.27	31.24	2.32	30.88	2.35	30.59	2.37	29.69	2.42
		60	56	32.52	2.19	32.10	2.23	31.70	2.27	31.43	2.29	31.22	2.30	30.42	2.34
		63	59	32.62	2.17	32.26	2.21	31.98	2.24	31.76	2.25	31.59	2.26	30.85	2.29
		68	64	32.71	2.16	32.42	2.19	32.26	2.21	32.10	2.22	31.96	2.22	31.30	2.24

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 49: KUMXA301A Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9+9+9	-13	-13.4	2.05	1.22	2.00	1.26	1.94	1.30	1.91	1.32	1.89	1.34	1.82	1.38
		-4	-4.4	8.12	1.39	7.94	1.43	7.71	1.48	7.58	1.51	7.48	1.53	7.21	1.57
		0	-0.4	10.86	1.46	10.62	1.51	10.31	1.55	10.14	1.58	10.01	1.60	9.64	1.65
		5	4.5	14.28	1.54	13.96	1.59	13.56	1.65	13.34	1.67	13.16	1.70	12.69	1.75
		10	9	16.29	1.70	15.93	1.76	15.47	1.81	15.22	1.84	15.02	1.87	14.47	1.93
		17	15	18.97	1.81	18.55	1.87	18.02	1.93	17.72	1.97	17.49	1.99	16.85	2.05
		20	19	20.35	1.86	19.89	1.92	19.33	1.98	19.01	2.02	18.76	2.04	18.07	2.10
		25	23	21.72	1.90	21.24	1.97	20.63	2.03	20.29	2.06	20.02	2.09	19.30	2.15
		30	28	23.44	1.96	22.92	2.02	22.26	2.09	21.90	2.12	21.61	2.15	20.82	2.22
		35	32	24.82	2.00	24.26	2.07	23.57	2.13	23.19	2.17	22.88	2.20	22.05	2.27
		40	36	26.19	2.04	25.61	2.11	24.88	2.18	24.47	2.22	24.15	2.25	23.27	2.31
		45	41	27.91	2.10	27.29	2.17	26.51	2.24	26.08	2.28	25.73	2.31	24.80	2.38
		47	43	28.60	2.12	27.96	2.19	27.16	2.26	26.72	2.30	26.36	2.33	25.41	2.40
		50	46	28.69	2.11	28.11	2.17	27.41	2.23	27.01	2.27	26.70	2.29	25.80	2.36
		55	51	28.83	2.09	28.35	2.14	27.82	2.19	27.51	2.21	27.25	2.23	26.44	2.28
		60	56	28.97	2.06	28.59	2.10	28.24	2.14	28.00	2.16	27.80	2.17	27.09	2.20
		63	59	29.05	2.05	28.73	2.08	28.49	2.11	28.29	2.12	28.13	2.13	27.48	2.16
		68	64	29.13	2.04	28.88	2.06	28.74	2.09	28.59	2.09	28.47	2.10	27.87	2.11
	9+9+12	-13	-13.4	2.30	1.25	2.25	1.29	2.18	1.33	2.15	1.35	2.12	1.37	2.04	1.41
		-4	-4.4	9.12	1.42	8.91	1.47	8.66	1.51	8.52	1.54	8.40	1.56	8.10	1.61
		0	-0.4	12.19	1.49	11.92	1.54	11.58	1.59	11.39	1.62	11.24	1.64	10.83	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	18.29	1.74	17.88	1.80	17.37	1.85	17.09	1.88	16.86	1.91	16.25	1.97
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	9+12+12*	-13	-13.4	2.30	1.25	2.25	1.29	2.18	1.33	2.15	1.35	2.12	1.37	2.04	1.41
		-4	-4.4	9.12	1.42	8.91	1.47	8.66	1.51	8.52	1.54	8.40	1.56	8.10	1.61
		0	-0.4	12.19	1.49	11.92	1.54	11.58	1.59	11.39	1.62	11.24	1.64	10.83	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	18.29	1.74	17.88	1.80	17.37	1.85	17.09	1.88	16.86	1.91	16.25	1.97
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 50: KUMXA301A Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9+9+18*	-13	-13.4	2.30	1.25	2.25	1.29	2.18	1.33	2.15	1.35	2.12	1.37	2.04	1.41
		-4	-4.4	9.12	1.42	8.91	1.47	8.66	1.51	8.52	1.54	8.40	1.56	8.10	1.61
		0	-0.4	12.19	1.49	11.92	1.54	11.58	1.59	11.39	1.62	11.24	1.64	10.83	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	18.29	1.74	17.88	1.80	17.37	1.85	17.09	1.88	16.86	1.91	16.25	1.97
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	12+12+12*	-13	-13.4	2.30	1.25	2.25	1.29	2.18	1.33	2.15	1.35	2.12	1.37	2.04	1.41
		-4	-4.4	9.12	1.42	8.91	1.47	8.66	1.51	8.52	1.54	8.40	1.56	8.10	1.61
		0	-0.4	12.19	1.49	11.92	1.54	11.58	1.59	11.39	1.62	11.24	1.64	10.83	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	18.29	1.74	17.88	1.80	17.37	1.85	17.09	1.88	16.86	1.91	16.25	1.97
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	9*+12*+18*	-13	-13.4	2.30	1.25	2.25	1.29	2.18	1.33	2.15	1.35	2.12	1.37	2.04	1.41
		-4	-4.4	9.12	1.42	8.91	1.47	8.66	1.51	8.52	1.54	8.40	1.56	8.10	1.61
		0	-0.4	12.19	1.49	11.92	1.54	11.58	1.59	11.39	1.62	11.24	1.64	10.83	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	18.29	1.74	17.88	1.80	17.37	1.85	17.09	1.88	16.86	1.91	16.25	1.97
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 51: KUMXA301A Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9+9*+9*+9*	-13	-13.4	2.30	1.25	2.25	1.29	2.18	1.33	2.15	1.35	2.12	1.37	2.04	1.41
		-4	-4.4	9.12	1.42	8.91	1.47	8.66	1.51	8.52	1.54	8.40	1.56	8.10	1.61
		0	-0.4	12.19	1.49	11.92	1.54	11.58	1.59	11.39	1.62	11.24	1.64	10.83	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	18.29	1.74	17.88	1.80	17.37	1.85	17.09	1.88	16.86	1.91	16.25	1.97
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	9*+9*+9*+12*	-13	-13.4	2.30	1.25	2.25	1.29	2.18	1.33	2.15	1.35	2.12	1.37	2.04	1.41
		-4	-4.4	9.12	1.42	8.91	1.47	8.66	1.51	8.52	1.54	8.40	1.56	8.10	1.61
		0	-0.4	12.19	1.49	11.92	1.54	11.58	1.59	11.39	1.62	11.24	1.64	10.83	1.69
		5	4.5	16.04	1.58	15.68	1.63	15.23	1.68	14.98	1.71	14.78	1.73	14.24	1.79
		10	9	18.29	1.74	17.88	1.80	17.37	1.85	17.09	1.88	16.86	1.91	16.25	1.97
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27*	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 52: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7+9	-13	-13.4	4.64	1.14	4.53	1.18	4.40	1.21	4.33	1.24	4.27	1.25	4.12	1.29
		-4	-4.4	7.95	1.30	7.77	1.34	7.55	1.38	7.42	1.41	7.32	1.43	7.06	1.47
		0	-0.4	9.44	1.36	9.23	1.41	8.96	1.45	8.82	1.48	8.70	1.50	8.38	1.54
		5	4.5	11.30	1.44	11.05	1.49	10.74	1.54	10.56	1.56	10.42	1.59	10.04	1.63
		10	9	12.40	1.57	12.12	1.62	11.78	1.67	11.58	1.70	11.43	1.72	11.01	1.77
		17	15	13.86	1.66	13.55	1.71	13.16	1.77	12.95	1.80	12.78	1.82	12.31	1.88
		20	19	14.87	1.70	14.53	1.75	14.12	1.81	13.89	1.84	13.70	1.87	13.20	1.92
		25	23	15.87	1.74	15.52	1.79	15.07	1.85	14.83	1.88	14.63	1.91	14.10	1.97
		30	28	17.13	1.79	16.74	1.85	16.27	1.90	16.00	1.94	15.79	1.96	15.21	2.02
		35	32	18.13	1.83	17.73	1.89	17.22	1.95	16.94	1.98	16.71	2.01	16.11	2.07
		40	36	19.14	1.87	18.71	1.93	18.17	1.99	17.88	2.02	17.64	2.05	17.00	2.11
		45	41	20.39	1.92	19.94	1.98	19.37	2.04	19.05	2.08	18.80	2.11	18.11	2.17
		47	43	20.89	1.94	20.43	2.00	19.84	2.06	19.52	2.10	19.26	2.13	18.56	2.19
		50	46	20.96	1.92	20.53	1.98	20.03	2.04	19.74	2.07	19.50	2.09	18.84	2.15
		55	51	21.06	1.90	20.71	1.95	20.33	2.00	20.09	2.02	19.91	2.04	19.32	2.08
		60	56	21.16	1.88	20.89	1.92	20.63	1.96	20.45	1.97	20.31	1.98	19.79	2.01
		63	59	21.22	1.87	20.99	1.90	20.81	1.93	20.67	1.94	20.55	1.95	20.08	1.97
		68	64	21.28	1.86	21.10	1.88	20.99	1.91	20.88	1.91	20.80	1.91	20.36	1.93
	9+9	-13	-13.4	5.23	1.18	5.11	1.22	4.96	1.25	4.88	1.28	4.82	1.29	4.64	1.33
		-4	-4.4	8.96	1.34	8.76	1.39	8.51	1.43	8.37	1.45	8.25	1.47	7.95	1.52
		0	-0.4	10.64	1.41	10.40	1.45	10.10	1.50	9.94	1.53	9.81	1.55	9.45	1.59
		5	4.5	12.74	1.49	12.46	1.54	12.10	1.59	11.90	1.62	11.74	1.64	11.32	1.69
		10	9	13.97	1.62	13.66	1.67	13.27	1.73	13.06	1.76	12.88	1.78	12.41	1.83
		17	15	15.62	1.71	15.27	1.77	14.84	1.83	14.59	1.86	14.40	1.88	13.88	1.94
		20	19	16.75	1.75	16.38	1.81	15.91	1.87	15.65	1.90	15.44	1.93	14.88	1.99
		25	23	17.89	1.79	17.49	1.85	16.99	1.91	16.71	1.95	16.49	1.97	15.89	2.03
		30	28	19.30	1.85	18.87	1.91	18.33	1.97	18.03	2.00	17.79	2.03	17.15	2.09
		35	32	20.43	1.89	19.98	1.95	19.41	2.01	19.09	2.05	18.84	2.07	18.15	2.14
		40	36	21.57	1.93	21.09	1.99	20.48	2.06	20.15	2.09	19.88	2.12	19.16	2.18
		45	41	22.98	1.98	22.47	2.05	21.83	2.11	21.47	2.15	21.19	2.18	20.42	2.24
		47	43	23.55	2.00	23.02	2.07	22.37	2.13	22.00	2.17	21.71	2.20	20.92	2.27
		50	46	23.62	1.99	23.14	2.05	22.57	2.11	22.24	2.14	21.98	2.16	21.24	2.22
		55	51	23.73	1.97	23.34	2.02	22.91	2.06	22.65	2.09	22.44	2.11	21.77	2.15
		60	56	23.85	1.95	23.54	1.98	23.25	2.02	23.05	2.04	22.89	2.05	22.31	2.08
		63	59	23.92	1.93	23.66	1.96	23.45	1.99	23.29	2.00	23.16	2.01	22.63	2.04
		68	64	23.99	1.92	23.78	1.95	23.66	1.97	23.54	1.97	23.44	1.98	22.95	1.99
	7+12	-13	-13.4	5.23	1.18	5.11	1.22	4.96	1.26	4.88	1.28	4.82	1.30	4.64	1.34
		-4	-4.4	8.96	1.35	8.76	1.39	8.51	1.44	8.37	1.46	8.25	1.48	7.95	1.53
		0	-0.4	10.64	1.41	10.40	1.46	10.10	1.51	9.94	1.53	9.81	1.55	9.45	1.60
		5	4.5	12.74	1.50	12.46	1.55	12.10	1.60	11.90	1.62	11.74	1.65	11.32	1.69
		10	9	13.97	1.63	13.66	1.68	13.27	1.73	13.06	1.76	12.88	1.79	12.41	1.84
		17	15	15.62	1.72	15.27	1.78	14.84	1.83	14.59	1.87	14.40	1.89	13.88	1.95
		20	19	16.75	1.76	16.38	1.82	15.91	1.88	15.65	1.91	15.44	1.94	14.88	1.99
		25	23	17.89	1.80	17.49	1.86	16.99	1.92	16.71	1.96	16.49	1.98	15.89	2.04
		30	28	19.30	1.85	18.87	1.92	18.33	1.98	18.03	2.01	17.79	2.04	17.15	2.10
		35	32	20.43	1.90	19.98	1.96	19.41	2.02	19.09	2.06	18.84	2.08	18.15	2.15
		40	36	21.57	1.94	21.09	2.00	20.48	2.07	20.15	2.10	19.88	2.13	19.16	2.19
		45	41	22.98	1.99	22.47	2.06	21.83	2.12	21.47	2.16	21.19	2.19	20.42	2.25
		47	43	23.55	2.01	23.02	2.08	22.37	2.14	22.00	2.18	21.71	2.21	20.92	2.28
		50	46	23.62	2.00	23.14	2.06	22.57	2.12	22.24	2.15	21.98	2.17	21.24	2.23
		55	51	23.73	1.98	23.34	2.03	22.91	2.07	22.65	2.10	22.44	2.12	21.77	2.16
		60	56	23.85	1.96	23.54	1.99	23.25	2.03	23.05	2.04	22.89	2.06	22.31	2.09
		63	59	23.92	1.94	23.66	1.97	23.45	2.00	23.29	2.01	23.16	2.02	22.63	2.05
		68	64	23.99	1.93	23.78	1.95	23.66	1.98	23.54	1.98	23.44	1.99	22.95	2.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 53: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9+12	-13	-13.4	5.38	1.21	5.26	1.25	5.11	1.29	5.03	1.31	4.96	1.33	4.78	1.37
		-4	-4.4	9.22	1.38	9.02	1.42	8.76	1.47	8.62	1.49	8.50	1.51	8.19	1.56
		0	-0.4	10.96	1.45	10.71	1.49	10.41	1.54	10.24	1.57	10.10	1.59	9.73	1.64
		5	4.5	13.12	1.53	12.83	1.58	12.46	1.63	12.26	1.66	12.10	1.68	11.66	1.73
		10	9	14.39	1.66	14.07	1.72	13.67	1.77	13.45	1.80	13.27	1.83	12.79	1.88
		17	15	16.09	1.76	15.73	1.82	15.28	1.88	15.03	1.91	14.83	1.93	14.29	1.99
		20	19	17.26	1.80	16.87	1.86	16.39	1.92	16.12	1.95	15.91	1.98	15.33	2.04
		25	23	18.42	1.84	18.01	1.91	17.50	1.97	17.21	2.00	16.98	2.03	16.36	2.09
		30	28	19.88	1.90	19.44	1.96	18.88	2.02	18.57	2.06	18.33	2.09	17.66	2.15
		35	32	21.05	1.94	20.58	2.00	19.99	2.07	19.66	2.10	19.40	2.13	18.70	2.20
		40	36	22.21	1.98	21.72	2.05	21.10	2.11	20.75	2.15	20.48	2.18	19.73	2.24
		45	41	23.67	2.04	23.14	2.10	22.48	2.17	22.12	2.21	21.82	2.24	21.03	2.30
		47	43	24.26	2.06	23.71	2.12	23.04	2.19	22.66	2.23	22.36	2.26	21.55	2.33
		50	46	24.33	2.04	23.84	2.10	23.25	2.17	22.91	2.20	22.64	2.22	21.88	2.28
		55	51	24.45	2.02	24.04	2.07	23.60	2.12	23.33	2.14	23.11	2.16	22.43	2.21
		60	56	24.56	2.00	24.24	2.04	23.95	2.08	23.74	2.09	23.58	2.10	22.97	2.14
		63	59	24.64	1.99	24.37	2.02	24.16	2.05	23.99	2.06	23.86	2.07	23.30	2.09
		68	64	24.71	1.97	24.49	2.00	24.37	2.02	24.24	2.03	24.14	2.03	23.64	2.05
	9+15	-13	-13.4	5.94	1.26	5.81	1.30	5.64	1.34	5.55	1.36	5.47	1.38	5.28	1.42
		-4	-4.4	10.18	1.43	9.95	1.48	9.66	1.53	9.51	1.55	9.38	1.58	9.04	1.62
		0	-0.4	12.09	1.50	11.82	1.55	11.48	1.60	11.29	1.63	11.14	1.65	10.74	1.70
		5	4.5	14.48	1.59	14.15	1.65	13.75	1.70	13.53	1.73	13.35	1.75	12.86	1.80
		10	9	15.88	1.73	15.53	1.79	15.08	1.85	14.84	1.88	14.64	1.90	14.11	1.96
		17	15	17.75	1.83	17.35	1.89	16.86	1.95	16.58	1.99	16.36	2.01	15.77	2.07
		20	19	19.04	1.87	18.61	1.94	18.08	2.00	17.79	2.03	17.55	2.06	16.91	2.12
		25	23	20.33	1.92	19.87	1.98	19.30	2.05	18.99	2.08	18.74	2.11	18.05	2.17
		30	28	21.93	1.97	21.44	2.04	20.83	2.10	20.49	2.14	20.22	2.17	19.48	2.23
		35	32	23.22	2.02	22.70	2.08	22.05	2.15	21.69	2.19	21.41	2.22	20.63	2.28
		40	36	24.51	2.06	23.96	2.13	23.28	2.20	22.90	2.24	22.59	2.27	21.77	2.33
		45	41	26.12	2.12	25.53	2.19	24.80	2.26	24.40	2.30	24.07	2.33	23.20	2.40
		47	43	26.76	2.14	26.16	2.21	25.42	2.28	25.00	2.32	24.67	2.35	23.77	2.42
		50	46	26.84	2.13	26.30	2.19	25.65	2.25	25.28	2.29	24.98	2.31	24.13	2.38
		55	51	26.97	2.10	26.52	2.16	26.03	2.21	25.73	2.23	25.50	2.25	24.74	2.30
		60	56	27.10	2.08	26.75	2.12	26.42	2.16	26.19	2.18	26.01	2.19	25.35	2.22
		63	59	27.18	2.07	26.88	2.10	26.65	2.13	26.47	2.14	26.32	2.15	25.71	2.18
		68	64	27.26	2.05	27.02	2.08	26.89	2.10	26.75	2.11	26.64	2.11	26.08	2.13
	12+12	-13	-13.4	5.94	1.26	5.81	1.30	5.64	1.34	5.55	1.36	5.47	1.38	5.28	1.42
		-4	-4.4	10.18	1.43	9.95	1.48	9.66	1.53	9.51	1.55	9.38	1.58	9.04	1.62
		0	-0.4	12.09	1.50	11.82	1.55	11.48	1.60	11.29	1.63	11.14	1.65	10.74	1.70
		5	4.5	14.48	1.59	14.15	1.65	13.75	1.70	13.53	1.73	13.35	1.75	12.86	1.80
		10	9	15.88	1.73	15.53	1.79	15.08	1.85	14.84	1.88	14.64	1.90	14.11	1.96
		17	15	17.75	1.83	17.35	1.89	16.86	1.95	16.58	1.99	16.36	2.01	15.77	2.07
		20	19	19.04	1.87	18.61	1.94	18.08	2.00	17.79	2.03	17.55	2.06	16.91	2.12
		25	23	20.33	1.92	19.87	1.98	19.30	2.05	18.99	2.08	18.74	2.11	18.05	2.17
		30	28	21.93	1.97	21.44	2.04	20.83	2.10	20.49	2.14	20.22	2.17	19.48	2.23
		35	32	23.22	2.02	22.70	2.08	22.05	2.15	21.69	2.19	21.41	2.22	20.63	2.28
		40	36	24.51	2.06	23.96	2.13	23.28	2.20	22.90	2.24	22.59	2.27	21.77	2.33
		45	41	26.12	2.12	25.53	2.19	24.80	2.26	24.40	2.30	24.07	2.33	23.20	2.40
		47	43	26.76	2.14	26.16	2.21	25.42	2.28	25.00	2.32	24.67	2.35	23.77	2.42
		50	46	26.84	2.13	26.30	2.19	25.65	2.25	25.28	2.29	24.98	2.31	24.13	2.38
		55	51	26.97	2.10	26.52	2.16	26.03	2.21	25.73	2.23	25.50	2.25	24.74	2.30
		60	56	27.10	2.08	26.75	2.12	26.42	2.16	26.19	2.18	26.01	2.19	25.35	2.22
		63	59	27.18	2.07	26.88	2.10	26.65	2.13	26.47	2.14	26.32	2.15	25.71	2.18
		68	64	27.26	2.05	27.02	2.08	26.89	2.10	26.75	2.11	26.64	2.11	26.08	2.13

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 54: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7+18	-13	-13.4	6.19	1.26	6.05	1.31	5.88	1.35	5.79	1.37	5.71	1.39	5.50	1.43
		-4	-4.4	10.61	1.44	10.37	1.49	10.08	1.54	9.91	1.56	9.78	1.58	9.43	1.63
		0	-0.4	12.61	1.51	12.32	1.56	11.97	1.61	11.78	1.64	11.62	1.66	11.20	1.71
		5	4.5	15.10	1.60	14.76	1.65	14.34	1.71	14.10	1.74	13.92	1.76	13.41	1.81
		10	9	16.56	1.74	16.19	1.80	15.73	1.85	15.47	1.89	15.27	1.91	14.71	1.97
		17	15	18.51	1.84	18.10	1.90	17.58	1.96	17.29	1.99	17.06	2.02	16.44	2.08
		20	19	19.85	1.88	19.41	1.95	18.86	2.01	18.55	2.04	18.30	2.07	17.64	2.13
		25	23	21.20	1.93	20.72	1.99	20.13	2.05	19.80	2.09	19.54	2.12	18.83	2.18
		30	28	22.87	1.98	22.36	2.05	21.72	2.11	21.37	2.15	21.08	2.18	20.32	2.24
		35	32	24.22	2.03	23.67	2.09	23.00	2.16	22.62	2.20	22.32	2.23	21.51	2.29
		40	36	25.56	2.07	24.99	2.14	24.27	2.21	23.88	2.25	23.56	2.28	22.70	2.34
		45	41	27.24	2.13	26.63	2.20	25.87	2.27	25.44	2.31	25.10	2.34	24.19	2.41
		47	43	27.91	2.15	27.28	2.22	26.50	2.29	26.07	2.33	25.72	2.36	24.79	2.43
		50	46	27.99	2.13	27.42	2.20	26.74	2.26	26.36	2.30	26.05	2.32	25.17	2.39
		55	51	28.12	2.11	27.66	2.16	27.15	2.22	26.84	2.24	26.59	2.26	25.80	2.31
		60	56	28.26	2.09	27.89	2.13	27.55	2.17	27.31	2.19	27.13	2.20	26.43	2.23
		63	59	28.34	2.08	28.03	2.11	27.79	2.14	27.60	2.15	27.45	2.16	26.81	2.19
		68	64	28.43	2.06	28.18	2.09	28.04	2.11	27.89	2.12	27.78	2.12	27.20	2.14
	9+18	-13	-13.4	6.38	1.30	6.24	1.34	6.06	1.38	5.96	1.41	5.88	1.43	5.67	1.47
		-4	-4.4	10.93	1.48	10.69	1.53	10.38	1.57	10.21	1.60	10.08	1.62	9.71	1.67
		0	-0.4	12.99	1.55	12.70	1.60	12.33	1.65	12.13	1.68	11.97	1.70	11.54	1.75
		5	4.5	15.55	1.64	15.21	1.70	14.77	1.75	14.53	1.78	14.34	1.80	13.82	1.86
		10	9	17.06	1.78	16.68	1.84	16.20	1.90	15.94	1.93	15.73	1.96	15.16	2.02
		17	15	19.07	1.89	18.65	1.95	18.11	2.01	17.82	2.05	17.58	2.07	16.94	2.14
		20	19	20.45	1.93	20.00	2.00	19.43	2.06	19.11	2.09	18.86	2.12	18.17	2.19
		25	23	21.84	1.98	21.35	2.04	20.74	2.11	20.40	2.14	20.13	2.17	19.40	2.24
		30	28	23.57	2.03	23.04	2.10	22.38	2.17	22.02	2.21	21.72	2.24	20.93	2.30
		35	32	24.95	2.08	24.39	2.15	23.69	2.22	23.31	2.25	23.00	2.29	22.16	2.35
		40	36	26.33	2.12	25.74	2.19	25.01	2.26	24.60	2.30	24.27	2.34	23.39	2.41
		45	41	28.06	2.18	27.43	2.25	26.65	2.33	26.21	2.37	25.87	2.40	24.93	2.47
		47	43	28.75	2.20	28.11	2.28	27.31	2.35	26.86	2.39	26.50	2.42	25.54	2.50
		50	46	28.84	2.19	28.25	2.26	27.56	2.32	27.16	2.36	26.84	2.38	25.93	2.45
		55	51	28.98	2.17	28.50	2.22	27.97	2.27	27.65	2.30	27.39	2.32	26.58	2.37
		60	56	29.12	2.14	28.74	2.19	28.39	2.23	28.14	2.24	27.95	2.26	27.23	2.29
		63	59	29.20	2.13	28.88	2.16	28.63	2.20	28.44	2.21	28.28	2.22	27.62	2.24
		68	64	29.29	2.12	29.03	2.14	28.89	2.17	28.74	2.17	28.62	2.18	28.02	2.20
	12+15	-13	-13.4	6.38	1.30	6.24	1.34	6.06	1.38	5.96	1.41	5.88	1.43	5.67	1.47
		-4	-4.4	10.93	1.48	10.69	1.53	10.38	1.57	10.21	1.60	10.08	1.62	9.71	1.67
		0	-0.4	12.99	1.55	12.70	1.60	12.33	1.65	12.13	1.68	11.97	1.70	11.54	1.75
		5	4.5	15.55	1.64	15.21	1.70	14.77	1.75	14.53	1.78	14.34	1.80	13.82	1.86
		10	9	17.06	1.78	16.68	1.84	16.20	1.90	15.94	1.93	15.73	1.96	15.16	2.02
		17	15	19.07	1.89	18.65	1.95	18.11	2.01	17.82	2.05	17.58	2.07	16.94	2.14
		20	19	20.45	1.93	20.00	2.00	19.43	2.06	19.11	2.09	18.86	2.12	18.17	2.19
		25	23	21.84	1.98	21.35	2.04	20.74	2.11	20.40	2.14	20.13	2.17	19.40	2.24
		30	28	23.57	2.03	23.04	2.10	22.38	2.17	22.02	2.21	21.72	2.24	20.93	2.30
		35	32	24.95	2.08	24.39	2.15	23.69	2.22	23.31	2.25	23.00	2.29	22.16	2.35
		40	36	26.33	2.12	25.74	2.19	25.01	2.26	24.60	2.30	24.27	2.34	23.39	2.41
		45	41	28.06	2.18	27.43	2.25	26.65	2.33	26.21	2.37	25.87	2.40	24.93	2.47
		47	43	28.75	2.20	28.11	2.28	27.31	2.35	26.86	2.39	26.50	2.42	25.54	2.50
		50	46	28.84	2.19	28.25	2.26	27.56	2.32	27.16	2.36	26.84	2.38	25.93	2.45
		55	51	28.98	2.17	28.50	2.22	27.97	2.27	27.65	2.30	27.39	2.32	26.58	2.37
		60	56	29.12	2.14	28.74	2.19	28.39	2.23	28.14	2.24	27.95	2.26	27.23	2.29
		63	59	29.20	2.13	28.88	2.16	28.63	2.20	28.44	2.21	28.28	2.22	27.62	2.24
		68	64	29.29	2.12	29.03	2.14	28.89	2.17	28.74	2.17	28.62	2.18	28.02	2.20

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 55: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12+18	-13	-13.4	7.13	1.34	6.97	1.38	6.77	1.43	6.66	1.45	6.57	1.47	6.33	1.52
		-4	-4.4	12.21	1.53	11.94	1.58	11.60	1.63	11.41	1.66	11.26	1.68	10.85	1.73
		0	-0.4	14.51	1.60	14.18	1.65	13.78	1.71	13.55	1.74	13.37	1.76	12.88	1.81
		5	4.5	17.37	1.70	16.98	1.75	16.50	1.81	16.23	1.84	16.01	1.86	15.43	1.92
		10	9	19.06	1.84	18.63	1.90	18.10	1.96	17.80	2.00	17.57	2.03	16.93	2.09
		17	15	21.30	1.95	20.83	2.01	20.23	2.08	19.90	2.11	19.64	2.14	18.92	2.21
		20	19	22.85	2.00	22.34	2.06	21.70	2.13	21.34	2.16	21.06	2.19	20.29	2.26
		25	23	24.39	2.04	23.85	2.11	23.16	2.18	22.79	2.22	22.48	2.25	21.67	2.31
		30	28	26.32	2.10	25.73	2.17	25.00	2.24	24.59	2.28	24.26	2.31	23.38	2.38
		35	32	27.87	2.15	27.24	2.22	26.46	2.29	26.03	2.33	25.69	2.36	24.75	2.43
		40	36	29.41	2.20	28.75	2.27	27.93	2.34	27.48	2.38	27.11	2.41	26.12	2.49
		45	41	31.34	2.25	30.64	2.33	29.76	2.40	29.28	2.44	28.89	2.48	27.84	2.55
		47	43	32.11	2.28	31.40	2.35	30.50	2.43	30.00	2.47	29.60	2.50	28.52	2.58
		50	46	32.21	2.26	31.56	2.33	30.78	2.40	30.33	2.43	29.97	2.46	28.96	2.53
		55	51	32.36	2.24	31.83	2.29	31.24	2.35	30.88	2.38	30.59	2.40	29.69	2.45
		60	56	32.52	2.22	32.10	2.26	31.70	2.30	31.43	2.32	31.22	2.33	30.42	2.37
		63	59	32.62	2.20	32.26	2.24	31.98	2.27	31.76	2.28	31.59	2.29	30.85	2.32
		68	64	32.71	2.19	32.42	2.21	32.26	2.24	32.10	2.25	31.96	2.25	31.30	2.27
	7+24	-13	-13.4	7.13	1.34	6.97	1.38	6.77	1.43	6.66	1.45	6.57	1.47	6.33	1.52
		-4	-4.4	12.21	1.53	11.94	1.58	11.60	1.63	11.41	1.66	11.26	1.68	10.85	1.73
		0	-0.4	14.51	1.60	14.18	1.65	13.78	1.71	13.55	1.74	13.37	1.76	12.88	1.81
		5	4.5	17.37	1.70	16.98	1.75	16.50	1.81	16.23	1.84	16.01	1.86	15.43	1.92
		10	9	19.06	1.84	18.63	1.90	18.10	1.96	17.80	2.00	17.57	2.03	16.93	2.09
		17	15	21.30	1.95	20.83	2.01	20.23	2.08	19.90	2.11	19.64	2.14	18.92	2.21
		20	19	22.85	2.00	22.34	2.06	21.70	2.13	21.34	2.16	21.06	2.19	20.29	2.26
		25	23	24.39	2.04	23.85	2.11	23.16	2.18	22.79	2.22	22.48	2.25	21.67	2.31
		30	28	26.32	2.10	25.73	2.17	25.00	2.24	24.59	2.28	24.26	2.31	23.38	2.38
		35	32	27.87	2.15	27.24	2.22	26.46	2.29	26.03	2.33	25.69	2.36	24.75	2.43
		40	36	29.41	2.20	28.75	2.27	27.93	2.34	27.48	2.38	27.11	2.41	26.12	2.49
		45	41	31.34	2.25	30.64	2.33	29.76	2.40	29.28	2.44	28.89	2.48	27.84	2.55
		47	43	32.11	2.28	31.40	2.35	30.50	2.43	30.00	2.47	29.60	2.50	28.52	2.58
		50	46	32.21	2.26	31.56	2.33	30.78	2.40	30.33	2.43	29.97	2.46	28.96	2.53
		55	51	32.36	2.24	31.83	2.29	31.24	2.35	30.88	2.38	30.59	2.40	29.69	2.45
		60	56	32.52	2.22	32.10	2.26	31.70	2.30	31.43	2.32	31.22	2.33	30.42	2.37
		63	59	32.62	2.20	32.26	2.24	31.98	2.27	31.76	2.28	31.59	2.29	30.85	2.32
		68	64	32.71	2.19	32.42	2.21	32.26	2.24	32.10	2.25	31.96	2.25	31.30	2.27
	9+24*	-13	-13.4	7.13	1.34	6.97	1.38	6.77	1.43	6.66	1.45	6.57	1.47	6.33	1.52
		-4	-4.4	12.21	1.53	11.94	1.58	11.60	1.63	11.41	1.66	11.26	1.68	10.85	1.73
		0	-0.4	14.51	1.60	14.18	1.65	13.78	1.71	13.55	1.74	13.37	1.76	12.88	1.81
		5	4.5	17.37	1.70	16.98	1.75	16.50	1.81	16.23	1.84	16.01	1.86	15.43	1.92
		10	9	19.06	1.84	18.63	1.90	18.10	1.96	17.80	2.00	17.57	2.03	16.93	2.09
		17	15	21.30	1.95	20.83	2.01	20.23	2.08	19.90	2.11	19.64	2.14	18.92	2.21
		20	19	22.85	2.00	22.34	2.06	21.70	2.13	21.34	2.16	21.06	2.19	20.29	2.26
		25	23	24.39	2.04	23.85	2.11	23.16	2.18	22.79	2.22	22.48	2.25	21.67	2.31
		30	28	26.32	2.10	25.73	2.17	25.00	2.24	24.59	2.28	24.26	2.31	23.38	2.38
		35	32	27.87	2.15	27.24	2.22	26.46	2.29	26.03	2.33	25.69	2.36	24.75	2.43
		40	36	29.41	2.20	28.75	2.27	27.93	2.34	27.48	2.38	27.11	2.41	26.12	2.49
		45	41	31.34	2.25	30.64	2.33	29.76	2.40	29.28	2.44	28.89	2.48	27.84	2.55
		47	43	32.11	2.28	31.40	2.35	30.50	2.43	30.00	2.47	29.60	2.50	28.52	2.58
		50	46	32.21	2.26	31.56	2.33	30.78	2.40	30.33	2.43	29.97	2.46	28.96	2.53
		55	51	32.36	2.24	31.83	2.29	31.24	2.35	30.88	2.38	30.59	2.40	29.69	2.45
		60	56	32.52	2.22	32.10	2.26	31.70	2.30	31.43	2.32	31.22	2.33	30.42	2.37
		63	59	32.62	2.20	32.26	2.24	31.98	2.27	31.76	2.28	31.59	2.29	30.85	2.32
		68	64	32.71	2.19	32.42	2.21	32.26	2.24	32.10	2.25	31.96	2.25	31.30	2.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

MULTI F WITH LGRED°
MULTI F MAX

Heating Capacity Tables

Table 56: KUMXA301A Heating Capacity Table —Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	15+18	-13	-13.4	7.13	1.34	6.97	1.38	6.77	1.43	6.66	1.45	6.57	1.47	6.33	1.52
		-4	-4.4	12.21	1.53	11.94	1.58	11.60	1.63	11.41	1.66	11.26	1.68	10.85	1.73
		0	-0.4	14.51	1.60	14.18	1.65	13.78	1.71	13.55	1.74	13.37	1.76	12.88	1.81
		5	4.5	17.37	1.70	16.98	1.75	16.50	1.81	16.23	1.84	16.01	1.86	15.43	1.92
		10	9	19.06	1.84	18.63	1.90	18.10	1.96	17.80	2.00	17.57	2.03	16.93	2.09
		17	15	21.30	1.95	20.83	2.01	20.23	2.08	19.90	2.11	19.64	2.14	18.92	2.21
		20	19	22.85	2.00	22.34	2.06	21.70	2.13	21.34	2.16	21.06	2.19	20.29	2.26
		25	23	24.39	2.04	23.85	2.11	23.16	2.18	22.79	2.22	22.48	2.25	21.67	2.31
		30	28	26.32	2.10	25.73	2.17	25.00	2.24	24.59	2.28	24.26	2.31	23.38	2.38
		35	32	27.87	2.15	27.24	2.22	26.46	2.29	26.03	2.33	25.69	2.36	24.75	2.43
		40	36	29.41	2.20	28.75	2.27	27.93	2.34	27.48	2.38	27.11	2.41	26.12	2.49
		45	41	31.34	2.25	30.64	2.33	29.76	2.40	29.28	2.44	28.89	2.48	27.84	2.55
		47	43	32.11	2.28	31.40	2.35	30.50	2.43	30.00	2.47	29.60	2.50	28.52	2.58
		50	46	32.21	2.26	31.56	2.33	30.78	2.40	30.33	2.43	29.97	2.46	28.96	2.53
		55	51	32.36	2.24	31.83	2.29	31.24	2.35	30.88	2.38	30.59	2.40	29.69	2.45
		60	56	32.52	2.22	32.10	2.26	31.70	2.30	31.43	2.32	31.22	2.33	30.42	2.37
		63	59	32.62	2.20	32.26	2.24	31.98	2.27	31.76	2.28	31.59	2.29	30.85	2.32
		68	64	32.71	2.19	32.42	2.21	32.26	2.24	32.10	2.25	31.96	2.25	31.30	2.27
	18*+18*	-13	-13.4	7.13	1.34	6.97	1.38	6.77	1.43	6.66	1.45	6.57	1.47	6.33	1.52
		-4	-4.4	12.21	1.53	11.94	1.58	11.60	1.63	11.41	1.66	11.26	1.68	10.85	1.73
		0	-0.4	14.51	1.60	14.18	1.65	13.78	1.71	13.55	1.74	13.37	1.76	12.88	1.81
		5	4.5	17.37	1.70	16.98	1.75	16.50	1.81	16.23	1.84	16.01	1.86	15.43	1.92
		10	9	19.06	1.84	18.63	1.90	18.10	1.96	17.80	2.00	17.57	2.03	16.93	2.09
		17	15	21.30	1.95	20.83	2.01	20.23	2.08	19.90	2.11	19.64	2.14	18.92	2.21
		20	19	22.85	2.00	22.34	2.06	21.70	2.13	21.34	2.16	21.06	2.19	20.29	2.26
		25	23	24.39	2.04	23.85	2.11	23.16	2.18	22.79	2.22	22.48	2.25	21.67	2.31
		30	28	26.32	2.10	25.73	2.17	25.00	2.24	24.59	2.28	24.26	2.31	23.38	2.38
		35	32	27.87	2.15	27.24	2.22	26.46	2.29	26.03	2.33	25.69	2.36	24.75	2.43
		40	36	29.41	2.20	28.75	2.27	27.93	2.34	27.48	2.38	27.11	2.41	26.12	2.49
		45	41	31.34	2.25	30.64	2.33	29.76	2.40	29.28	2.44	28.89	2.48	27.84	2.55
		47	43	32.11	2.28	31.40	2.35	30.50	2.43	30.00	2.47	29.60	2.50	28.52	2.58
		50	46	32.21	2.26	31.56	2.33	30.78	2.40	30.33	2.43	29.97	2.46	28.96	2.53
		55	51	32.36	2.24	31.83	2.29	31.24	2.35	30.88	2.38	30.59	2.40	29.69	2.45
		60	56	32.52	2.22	32.10	2.26	31.70	2.30	31.43	2.32	31.22	2.33	30.42	2.37
		63	59	32.62	2.20	32.26	2.24	31.98	2.27	31.76	2.28	31.59	2.29	30.85	2.32
		68	64	32.71	2.19	32.42	2.21	32.26	2.24	32.10	2.25	31.96	2.25	31.30	2.27
	12*+24*	-13	-13.4	7.13	1.34	6.97	1.38	6.77	1.43	6.66	1.45	6.57	1.47	6.33	1.52
		-4	-4.4	12.21	1.53	11.94	1.58	11.60	1.63	11.41	1.66	11.26	1.68	10.85	1.73
		0	-0.4	14.51	1.60	14.18	1.65	13.78	1.71	13.55	1.74	13.37	1.76	12.88	1.81
		5	4.5	17.37	1.70	16.98	1.75	16.50	1.81	16.23	1.84	16.01	1.86	15.43	1.92
		10	9	19.06	1.84	18.63	1.90	18.10	1.96	17.80	2.00	17.57	2.03	16.93	2.09
		17	15	21.30	1.95	20.83	2.01	20.23	2.08	19.90	2.11	19.64	2.14	18.92	2.21
		20	19	22.85	2.00	22.34	2.06	21.70	2.13	21.34	2.16	21.06	2.19	20.29	2.26
		25	23	24.39	2.04	23.85	2.11	23.16	2.18	22.79	2.22	22.48	2.25	21.67	2.31
		30	28	26.32	2.10	25.73	2.17	25.00	2.24	24.59	2.28	24.26	2.31	23.38	2.38
		35	32	27.87	2.15	27.24	2.22	26.46	2.29	26.03	2.33	25.69	2.36	24.75	2.43
		40	36	29.41	2.20	28.75	2.27	27.93	2.34	27.48	2.38	27.11	2.41	26.12	2.49
		45	41	31.34	2.25	30.64	2.33	29.76	2.40	29.28	2.44	28.89	2.48	27.84	2.55
		47	43	32.11	2.28	31.40	2.35	30.50	2.43	30.00	2.47	29.60	2.50	28.52	2.58
		50	46	32.21	2.26	31.56	2.33	30.78	2.40	30.33	2.43	29.97	2.46	28.96	2.53
		55	51	32.36	2.24	31.83	2.29	31.24	2.35	30.88	2.38	30.59	2.40	29.69	2.45
		60	56	32.52	2.22	32.10	2.26	31.70	2.30	31.43	2.32	31.22	2.33	30.42	2.37
		63	59	32.62	2.20	32.26	2.24	31.98	2.27	31.76	2.28	31.59	2.29	30.85	2.32
		68	64	32.71	2.19	32.42	2.21	32.26	2.24	32.10	2.25	31.96	2.25	31.30	2.27

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 57: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+7+9	-13	-13.4	5.49	1.16	5.37	1.20	5.22	1.24	5.13	1.26	5.06	1.28	4.88	1.31
		-4	-4.4	9.42	1.32	9.20	1.37	8.94	1.41	8.80	1.43	8.68	1.45	8.36	1.50
		0	-0.4	11.18	1.39	10.93	1.43	10.62	1.48	10.45	1.51	10.31	1.53	9.93	1.57
		5	4.5	13.39	1.47	13.10	1.52	12.72	1.57	12.51	1.59	12.35	1.62	11.90	1.66
		10	9	14.69	1.60	14.36	1.65	13.95	1.70	13.73	1.73	13.54	1.76	13.05	1.81
		17	15	16.42	1.69	16.06	1.74	15.60	1.80	15.34	1.83	15.14	1.86	14.59	1.91
		20	19	17.61	1.73	17.22	1.79	16.73	1.84	16.46	1.88	16.24	1.90	15.65	1.96
		25	23	18.81	1.77	18.38	1.83	17.86	1.89	17.57	1.92	17.33	1.95	16.70	2.00
		30	28	20.29	1.82	19.84	1.88	19.27	1.94	18.96	1.97	18.71	2.00	18.03	2.06
		35	32	21.48	1.86	21.00	1.92	20.40	1.98	20.07	2.02	19.80	2.05	19.08	2.11
		40	36	22.68	1.90	22.17	1.97	21.54	2.03	21.18	2.06	20.90	2.09	20.14	2.15
		45	41	24.16	1.95	23.62	2.02	22.95	2.08	22.57	2.12	22.27	2.15	21.46	2.21
		47	43	24.76	1.97	24.21	2.04	23.51	2.10	23.13	2.14	22.82	2.17	21.99	2.23
		50	46	24.83	1.96	24.33	2.02	23.73	2.08	23.38	2.11	23.11	2.13	22.33	2.19
		55	51	24.95	1.94	24.54	1.99	24.09	2.04	23.81	2.06	23.59	2.08	22.89	2.12
		60	56	25.07	1.92	24.75	1.96	24.44	1.99	24.23	2.01	24.07	2.02	23.45	2.05
		63	59	25.15	1.91	24.87	1.94	24.66	1.97	24.49	1.98	24.35	1.98	23.79	2.01
		68	64	25.22	1.89	25.00	1.92	24.87	1.94	24.75	1.95	24.64	1.95	24.13	1.97
	7+9+9	-13	-13.4	6.00	1.20	5.87	1.24	5.70	1.28	5.61	1.31	5.53	1.32	5.33	1.36
		-4	-4.4	10.29	1.37	10.06	1.42	9.77	1.46	9.61	1.49	9.48	1.51	9.14	1.55
		0	-0.4	12.22	1.44	11.95	1.49	11.60	1.53	11.41	1.56	11.26	1.58	10.85	1.63
		5	4.5	14.63	1.52	14.31	1.57	13.90	1.63	13.67	1.65	13.49	1.68	13.00	1.73
		10	9	16.05	1.66	15.69	1.71	15.25	1.77	15.00	1.80	14.80	1.82	14.26	1.88
		17	15	17.94	1.75	17.54	1.81	17.04	1.87	16.76	1.90	16.54	1.93	15.94	1.98
		20	19	19.24	1.79	18.81	1.85	18.28	1.91	17.98	1.95	17.74	1.97	17.09	2.03
		25	23	20.54	1.84	20.09	1.90	19.51	1.96	19.19	1.99	18.94	2.02	18.25	2.08
		30	28	22.17	1.89	21.68	1.95	21.06	2.01	20.71	2.05	20.44	2.08	19.69	2.14
		35	32	23.47	1.93	22.95	1.99	22.29	2.06	21.93	2.09	21.64	2.12	20.85	2.19
		40	36	24.77	1.97	24.22	2.04	23.53	2.10	23.14	2.14	22.84	2.17	22.01	2.23
		45	41	26.40	2.03	25.81	2.09	25.07	2.16	24.66	2.20	24.33	2.23	23.45	2.29
		47	43	27.05	2.05	26.45	2.11	25.69	2.18	25.27	2.22	24.93	2.25	24.03	2.32
		50	46	27.13	2.03	26.58	2.10	25.92	2.16	25.55	2.19	25.25	2.21	24.40	2.27
		55	51	27.26	2.01	26.81	2.06	26.31	2.11	26.01	2.14	25.77	2.15	25.01	2.20
		60	56	27.39	1.99	27.04	2.03	26.71	2.07	26.48	2.08	26.29	2.09	25.62	2.13
		63	59	27.47	1.98	27.17	2.01	26.94	2.04	26.75	2.05	26.61	2.06	25.99	2.08
		68	64	27.55	1.97	27.31	1.99	27.18	2.01	27.04	2.02	26.92	2.02	26.36	2.04
	7+7+12	-13	-13.4	6.13	1.21	5.99	1.25	5.82	1.29	5.73	1.31	5.65	1.33	5.45	1.37
		-4	-4.4	10.51	1.38	10.27	1.42	9.98	1.47	9.81	1.49	9.68	1.51	9.33	1.56
		0	-0.4	12.48	1.45	12.20	1.49	11.85	1.54	11.66	1.57	11.50	1.59	11.09	1.64
		5	4.5	14.95	1.53	14.61	1.58	14.20	1.63	13.96	1.66	13.78	1.68	13.28	1.73
		10	9	16.40	1.66	16.03	1.72	15.57	1.77	15.32	1.80	15.11	1.83	14.56	1.88
		17	15	18.33	1.76	17.92	1.82	17.41	1.88	17.12	1.91	16.89	1.93	16.28	1.99
		20	19	19.66	1.80	19.22	1.86	18.67	1.92	18.36	1.95	18.12	1.98	17.46	2.04
		25	23	20.98	1.84	20.52	1.91	19.93	1.97	19.60	2.00	19.34	2.03	18.64	2.09
		30	28	22.64	1.90	22.14	1.96	21.51	2.02	21.15	2.06	20.87	2.09	20.11	2.15
		35	32	23.97	1.94	23.44	2.00	22.77	2.07	22.40	2.10	22.10	2.13	21.30	2.20
		40	36	25.30	1.98	24.74	2.05	24.03	2.11	23.64	2.15	23.32	2.18	22.48	2.24
		45	41	26.96	2.04	26.36	2.10	25.61	2.17	25.19	2.21	24.85	2.24	23.95	2.30
		47	43	27.63	2.06	27.01	2.12	26.24	2.19	25.81	2.23	25.47	2.26	24.54	2.33
		50	46	27.71	2.04	27.15	2.10	26.48	2.17	26.09	2.20	25.79	2.22	24.92	2.28
		55	51	27.84	2.02	27.38	2.07	26.88	2.12	26.57	2.14	26.32	2.16	25.54	2.21
		60	56	27.98	2.00	27.62	2.04	27.28	2.08	27.04	2.09	26.86	2.10	26.17	2.14
		63	59	28.06	1.99	27.75	2.02	27.52	2.05	27.33	2.06	27.18	2.07	26.54	2.09
		68	64	28.14	1.97	27.90	2.00	27.76	2.02	27.61	2.03	27.50	2.03	26.93	2.05

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 58: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9+9+9	-13	-13.4	6.41	1.23	6.27	1.27	6.09	1.31	5.99	1.33	5.91	1.35	5.70	1.39
		-4	-4.4	10.99	1.40	10.75	1.44	10.44	1.49	10.27	1.51	10.13	1.54	9.76	1.58
		0	-0.4	13.06	1.47	12.76	1.51	12.40	1.56	12.20	1.59	12.03	1.61	11.60	1.66
		5	4.5	15.64	1.55	15.29	1.60	14.85	1.65	14.61	1.68	14.41	1.71	13.89	1.76
		10	9	17.15	1.69	16.77	1.74	16.29	1.80	16.02	1.83	15.81	1.85	15.23	1.91
		17	15	19.17	1.78	18.74	1.84	18.21	1.90	17.91	1.93	17.67	1.96	17.03	2.02
		20	19	20.56	1.83	20.10	1.89	19.53	1.95	19.21	1.98	18.95	2.01	18.26	2.07
		25	23	21.95	1.87	21.46	1.93	20.85	1.99	20.51	2.03	20.23	2.05	19.50	2.12
		30	28	23.69	1.92	23.16	1.99	22.50	2.05	22.13	2.09	21.84	2.11	21.04	2.18
		35	32	25.08	1.97	24.52	2.03	23.82	2.10	23.43	2.13	23.12	2.16	22.28	2.23
		40	36	26.47	2.01	25.88	2.08	25.14	2.14	24.73	2.18	24.40	2.21	23.51	2.27
		45	41	28.21	2.06	27.58	2.13	26.79	2.20	26.35	2.24	26.00	2.27	25.06	2.34
		47	43	28.90	2.08	28.26	2.15	27.45	2.22	27.00	2.26	26.64	2.29	25.67	2.36
		50	46	28.99	2.07	28.40	2.13	27.70	2.19	27.30	2.23	26.98	2.25	26.07	2.31
		55	51	29.13	2.05	28.65	2.10	28.12	2.15	27.79	2.17	27.54	2.19	26.72	2.24
		60	56	29.27	2.03	28.89	2.07	28.53	2.10	28.29	2.12	28.09	2.13	27.38	2.17
		63	59	29.35	2.01	29.03	2.05	28.78	2.08	28.59	2.09	28.43	2.10	27.77	2.12
		68	64	29.44	2.00	29.18	2.03	29.04	2.05	28.89	2.06	28.77	2.06	28.17	2.08
	7+9+12	-13	-13.4	6.65	1.24	6.50	1.28	6.32	1.32	6.21	1.35	6.13	1.37	5.91	1.41
		-4	-4.4	11.40	1.42	11.14	1.46	10.82	1.51	10.65	1.53	10.51	1.56	10.12	1.60
		0	-0.4	13.54	1.49	13.24	1.53	12.86	1.58	12.65	1.61	12.48	1.63	12.03	1.68
		5	4.5	16.21	1.57	15.85	1.62	15.40	1.68	15.15	1.71	14.95	1.73	14.40	1.78
		10	9	17.79	1.71	17.39	1.77	16.89	1.82	16.62	1.85	16.40	1.88	15.80	1.93
		17	15	19.88	1.81	19.44	1.87	18.88	1.93	18.57	1.96	18.33	1.99	17.66	2.05
		20	19	21.32	1.85	20.85	1.91	20.25	1.97	19.92	2.01	19.66	2.03	18.94	2.10
		25	23	22.76	1.89	22.26	1.96	21.62	2.02	21.27	2.05	20.98	2.08	20.22	2.14
		30	28	24.57	1.95	24.02	2.01	23.33	2.08	22.95	2.11	22.65	2.14	21.82	2.21
		35	32	26.01	1.99	25.43	2.06	24.70	2.12	24.30	2.16	23.97	2.19	23.10	2.26
		40	36	27.45	2.04	26.84	2.10	26.07	2.17	25.64	2.21	25.30	2.24	24.38	2.30
		45	41	29.25	2.09	28.60	2.16	27.78	2.23	27.33	2.27	26.96	2.30	25.98	2.37
		47	43	29.97	2.11	29.30	2.18	28.47	2.25	28.00	2.29	27.63	2.32	26.62	2.39
		50	46	30.06	2.10	29.45	2.16	28.72	2.22	28.31	2.26	27.98	2.28	27.03	2.35
		55	51	30.21	2.08	29.71	2.13	29.16	2.18	28.82	2.20	28.55	2.22	27.71	2.27
		60	56	30.35	2.05	29.96	2.09	29.59	2.13	29.34	2.15	29.13	2.16	28.39	2.19
		63	59	30.44	2.04	30.11	2.07	29.85	2.10	29.65	2.12	29.48	2.12	28.80	2.15
		68	64	30.53	2.03	30.26	2.05	30.11	2.08	29.96	2.08	29.83	2.09	29.21	2.10
	9+9+12	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 59: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+9+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	7+12+12	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	7+7+18	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 60: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9+9+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	9+12+12	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	7+9+18	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 61: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+12+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	9+9*+18*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	9*+12*+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 62: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12+12*+12*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	7+12*+18*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	9*+12*+18*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 63: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9*+15+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	12*+12*+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	7+15*+18*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 64: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+9+24*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
Four (4) Mixed Indoor Units	7+7+7+9	68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
		-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	7+7+9+9	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 65: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	7+7+7+12	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	7+9+9+9*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	7+7+9+12*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 66: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9+9*+9*+9*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	7+9+9*+12*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	7+7+9*+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 67: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	7+7+12*+12*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	7+7+7+18*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	9*+9*+9*+12*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 68: KUMXA301A Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	7+9*+9*+15	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16
	7+9*+12*+12*	-13	-13.4	7.13	1.27	6.97	1.32	6.77	1.36	6.66	1.38	6.57	1.40	6.33	1.44
		-4	-4.4	12.21	1.45	11.94	1.50	11.60	1.55	11.41	1.58	11.26	1.60	10.85	1.64
		0	-0.4	14.51	1.52	14.18	1.57	13.78	1.62	13.55	1.65	13.37	1.68	12.88	1.73
		5	4.5	17.37	1.61	16.98	1.67	16.50	1.72	16.23	1.75	16.01	1.77	15.43	1.83
		10	9	19.06	1.75	18.63	1.81	18.10	1.87	17.80	1.90	17.57	1.93	16.93	1.99
		17	15	21.30	1.85	20.83	1.92	20.23	1.98	19.90	2.01	19.64	2.04	18.92	2.10
		20	19	22.85	1.90	22.34	1.96	21.70	2.02	21.34	2.06	21.06	2.09	20.29	2.15
		25	23	24.39	1.94	23.85	2.01	23.16	2.07	22.79	2.11	22.48	2.14	21.67	2.20
		30	28	26.32	2.00	25.73	2.07	25.00	2.13	24.59	2.17	24.26	2.20	23.38	2.26
		35	32	27.87	2.04	27.24	2.11	26.46	2.18	26.03	2.22	25.69	2.25	24.75	2.31
		40	36	29.41	2.09	28.75	2.16	27.93	2.23	27.48	2.27	27.11	2.30	26.12	2.36
		45	41	31.34	2.14	30.64	2.22	29.76	2.29	29.28	2.33	28.89	2.36	27.84	2.43
		47	43	32.11	2.17	31.40	2.24	30.50	2.31	30.00	2.35	29.60	2.38	28.52	2.45
		50	46	32.21	2.15	31.56	2.22	30.78	2.28	30.33	2.32	29.97	2.34	28.96	2.41
		55	51	32.36	2.13	31.83	2.18	31.24	2.23	30.88	2.26	30.59	2.28	29.69	2.33
		60	56	32.52	2.11	32.10	2.15	31.70	2.19	31.43	2.20	31.22	2.22	30.42	2.25
		63	59	32.62	2.09	32.26	2.13	31.98	2.16	31.76	2.17	31.59	2.18	30.85	2.21
		68	64	32.71	2.08	32.42	2.11	32.26	2.13	32.10	2.14	31.96	2.14	31.30	2.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F MAX WITH LGRED HEATING CAPACITY TABLES

Multi F MAX KUMXA361A on page 638

Multi F MAX KUMXA421A on page 671

Multi F MAX KUMXA481A on page 710

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 1: KUMXA361A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	9.89	0.87	9.67	0.90	9.39	0.93	9.24	0.94	9.12	0.96	8.78	0.99
	-4	-4.4	11.04	0.93	10.79	0.96	10.48	0.99	10.31	1.01	10.18	1.02	9.81	1.05
	0	-0.4	11.60	0.96	11.34	0.99	11.02	1.02	10.84	1.04	10.70	1.05	10.31	1.08
	5	4.5	12.31	1.00	12.03	1.03	11.69	1.06	11.50	1.08	11.35	1.10	10.93	1.13
	10	9	13.28	1.17	12.98	1.20	12.61	1.24	12.41	1.26	12.24	1.28	11.80	1.32
	17	15	14.58	1.29	14.25	1.33	13.84	1.37	13.62	1.39	13.44	1.41	12.95	1.46
	20	19	15.66	1.27	15.31	1.31	14.87	1.35	14.63	1.38	14.43	1.39	13.91	1.44
	25	23	16.74	1.25	16.37	1.29	15.90	1.33	15.64	1.36	15.43	1.37	14.87	1.42
	30	28	18.10	1.23	17.69	1.27	17.19	1.31	16.91	1.33	16.68	1.35	16.07	1.39
	35	32	19.18	1.21	18.75	1.25	18.21	1.29	17.92	1.31	17.68	1.33	17.04	1.37
	40	36	20.26	1.19	19.81	1.23	19.24	1.27	18.93	1.29	18.68	1.31	18.00	1.35
	45	41	21.62	1.17	21.13	1.21	20.53	1.25	20.19	1.27	19.93	1.29	19.20	1.33
	47	43	22.16	1.16	21.66	1.20	21.04	1.24	20.70	1.26	20.42	1.28	19.68	1.32
	50	46	22.22	1.15	21.77	1.19	21.24	1.22	20.93	1.24	20.68	1.26	19.98	1.29
	55	51	22.33	1.14	21.96	1.17	21.56	1.20	21.31	1.21	21.11	1.22	20.49	1.25
19	60	56	22.44	1.13	22.15	1.15	21.88	1.17	21.69	1.18	21.54	1.19	20.99	1.21
	63	59	22.51	1.12	22.26	1.14	22.07	1.16	21.92	1.16	21.80	1.17	21.29	1.18
	68	64	22.57	1.12	22.37	1.13	22.26	1.14	22.15	1.15	22.06	1.15	21.59	1.16
	-13	-13.4	10.53	0.94	10.30	0.97	10.00	1.00	9.84	1.02	9.71	1.03	9.36	1.06
	-4	-4.4	11.76	1.00	11.50	1.03	11.17	1.07	10.99	1.08	10.84	1.10	10.45	1.13
	0	-0.4	12.36	1.03	12.08	1.07	11.74	1.10	11.55	1.12	11.39	1.14	10.98	1.17
	5	4.5	13.11	1.08	12.82	1.11	12.45	1.15	12.25	1.17	12.09	1.18	11.65	1.22
	10	9	14.15	1.26	13.83	1.30	13.44	1.34	13.22	1.36	13.04	1.38	12.57	1.42
	17	15	15.53	1.39	15.18	1.43	14.74	1.48	14.50	1.51	14.31	1.53	13.79	1.57
	20	19	16.68	1.37	16.31	1.41	15.84	1.46	15.58	1.48	15.37	1.50	14.82	1.55
	25	23	17.83	1.35	17.43	1.39	16.94	1.44	16.66	1.46	16.44	1.48	15.84	1.53
	30	28	19.28	1.33	18.85	1.37	18.31	1.41	18.01	1.44	17.77	1.46	17.12	1.50
	35	32	20.43	1.31	19.97	1.35	19.40	1.39	19.09	1.42	18.83	1.44	18.15	1.48
	40	36	21.58	1.29	21.10	1.33	20.50	1.37	20.16	1.40	19.90	1.42	19.17	1.46
	45	41	23.03	1.26	22.51	1.31	21.87	1.35	21.51	1.37	21.23	1.39	20.45	1.43
	47	43	23.60	1.25	23.08	1.30	22.42	1.34	22.05	1.36	21.76	1.38	20.97	1.42
20	50	46	23.67	1.25	23.19	1.28	22.62	1.32	22.29	1.34	22.03	1.36	21.29	1.39
	55	51	23.79	1.23	23.39	1.26	22.96	1.29	22.70	1.31	22.49	1.32	21.82	1.35
	60	56	23.90	1.22	23.59	1.24	23.30	1.27	23.10	1.28	22.94	1.28	22.36	1.30
	63	59	23.97	1.21	23.71	1.23	23.51	1.25	23.35	1.26	23.22	1.26	22.68	1.28
	68	64	24.04	1.20	23.83	1.22	23.71	1.23	23.59	1.24	23.49	1.24	23.00	1.25
	-13	-13.4	11.18	1.00	10.93	1.03	10.62	1.07	10.44	1.09	10.30	1.10	9.93	1.13
	-4	-4.4	12.48	1.07	12.20	1.10	11.85	1.14	11.66	1.16	11.50	1.17	11.08	1.21
	0	-0.4	13.12	1.10	12.82	1.14	12.46	1.18	12.25	1.20	12.09	1.21	11.65	1.25
	5	4.5	13.92	1.15	13.60	1.19	13.22	1.22	13.00	1.24	12.83	1.26	12.36	1.30
	10	9	15.01	1.34	14.68	1.38	14.26	1.43	14.03	1.45	13.84	1.47	13.34	1.52
	17	15	16.48	1.48	16.11	1.53	15.65	1.58	15.39	1.61	15.19	1.63	14.64	1.68
	20	19	17.70	1.46	17.31	1.51	16.81	1.56	16.54	1.58	16.32	1.60	15.72	1.65
	25	23	18.93	1.44	18.50	1.49	17.97	1.53	17.68	1.56	17.45	1.58	16.81	1.63
	30	28	20.46	1.41	20.00	1.46	19.43	1.51	19.11	1.53	18.86	1.55	18.17	1.60
	35	32	21.68	1.39	21.20	1.44	20.59	1.49	20.25	1.51	19.98	1.53	19.26	1.58
	40	36	22.91	1.37	22.39	1.42	21.75	1.46	21.40	1.49	21.11	1.51	20.35	1.55
	45	41	24.44	1.35	23.89	1.39	23.21	1.44	22.83	1.46	22.52	1.48	21.71	1.53
	47	43	25.05	1.34	24.49	1.38	23.79	1.43	23.40	1.45	23.09	1.47	22.25	1.51
	50	46	25.12	1.33	24.61	1.37	24.01	1.41	23.66	1.43	23.38	1.45	22.59	1.49
	55	51	25.24	1.31	24.83	1.35	24.37	1.38	24.09	1.39	23.86	1.41	23.16	1.44
	60	56	25.37	1.30	25.04	1.33	24.73	1.35	24.52	1.36	24.35	1.37	23.73	1.39
	63	59	25.44	1.29	25.16	1.31	24.95	1.33	24.78	1.34	24.64	1.34	24.07	1.36
	68	64	25.51	1.28	25.29	1.30	25.16	1.32	25.04	1.32	24.93	1.32	24.41	1.33

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 2: KUMXA361A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	11.82	1.07	11.56	1.11	11.23	1.14	11.05	1.16	10.90	1.18	10.50	1.21
	-4	-4.4	13.20	1.14	12.90	1.18	12.54	1.22	12.33	1.24	12.17	1.25	11.72	1.29
	0	-0.4	13.87	1.18	13.56	1.22	13.18	1.26	12.96	1.28	12.79	1.30	12.32	1.33
	5	4.5	14.72	1.23	14.39	1.27	13.98	1.31	13.75	1.33	13.57	1.35	13.07	1.39
	10	9	15.88	1.43	15.52	1.48	15.08	1.53	14.83	1.55	14.64	1.58	14.10	1.62
	17	15	17.43	1.58	17.04	1.63	16.55	1.69	16.28	1.72	16.06	1.74	15.48	1.79
	20	19	18.72	1.56	18.30	1.61	17.78	1.66	17.49	1.69	17.26	1.72	16.63	1.77
	25	23	20.02	1.54	19.57	1.59	19.01	1.64	18.70	1.67	18.45	1.69	17.78	1.74
	30	28	21.64	1.51	21.15	1.56	20.55	1.61	20.21	1.64	19.94	1.66	19.22	1.71
	35	32	22.93	1.49	22.42	1.54	21.78	1.59	21.42	1.62	21.14	1.64	20.37	1.69
	40	36	24.23	1.47	23.69	1.52	23.01	1.56	22.63	1.59	22.33	1.61	21.52	1.66
	45	41	25.85	1.44	25.27	1.49	24.55	1.54	24.15	1.56	23.82	1.58	22.96	1.63
	47	43	26.49	1.43	25.90	1.48	25.16	1.52	24.75	1.55	24.42	1.57	23.53	1.62
	50	46	26.57	1.42	26.03	1.46	25.39	1.51	25.02	1.53	24.73	1.55	23.89	1.59
	55	51	26.70	1.41	26.26	1.44	25.77	1.47	25.48	1.49	25.24	1.50	24.49	1.54
22	60	56	26.83	1.39	26.48	1.42	26.16	1.44	25.93	1.45	25.75	1.46	25.09	1.49
	63	59	26.91	1.38	26.61	1.40	26.38	1.42	26.20	1.43	26.06	1.44	25.45	1.45
	68	64	26.99	1.37	26.75	1.39	26.62	1.41	26.48	1.41	26.37	1.41	25.82	1.42
	-13	-13.4	12.47	1.14	12.19	1.18	11.84	1.21	11.65	1.24	11.49	1.25	11.08	1.29
	-4	-4.4	13.92	1.21	13.61	1.25	13.22	1.29	13.00	1.32	12.83	1.33	12.36	1.37
	0	-0.4	14.63	1.25	14.30	1.30	13.90	1.34	13.67	1.36	13.49	1.38	13.00	1.42
	5	4.5	15.52	1.31	15.17	1.35	14.74	1.39	14.50	1.42	14.31	1.44	13.79	1.48
	10	9	16.75	1.53	16.37	1.58	15.90	1.63	15.64	1.65	15.44	1.68	14.87	1.73
	17	15	18.38	1.68	17.97	1.74	17.45	1.80	17.17	1.83	16.94	1.85	16.32	1.91
	20	19	19.74	1.66	19.30	1.72	18.75	1.77	18.44	1.80	18.20	1.83	17.54	1.88
	25	23	21.11	1.64	20.64	1.69	20.05	1.75	19.72	1.78	19.46	1.80	18.75	1.85
	30	28	22.82	1.61	22.31	1.66	21.67	1.72	21.32	1.74	21.03	1.77	20.27	1.82
	35	32	24.18	1.59	23.64	1.64	22.97	1.69	22.59	1.72	22.29	1.74	21.48	1.80
	40	36	25.55	1.56	24.98	1.61	24.26	1.67	23.87	1.69	23.55	1.72	22.69	1.77
	45	41	27.26	1.53	26.65	1.58	25.88	1.63	25.46	1.66	25.12	1.69	24.21	1.74
	47	43	27.94	1.52	27.31	1.57	26.53	1.62	26.10	1.65	25.75	1.67	24.82	1.72
23	50	46	28.02	1.51	27.46	1.56	26.78	1.60	26.39	1.63	26.08	1.65	25.20	1.69
	55	51	28.16	1.50	27.69	1.53	27.18	1.57	26.87	1.59	26.62	1.60	25.83	1.64
	60	56	28.29	1.48	27.93	1.51	27.58	1.54	27.35	1.55	27.16	1.56	26.46	1.58
	63	59	28.38	1.47	28.07	1.49	27.82	1.52	27.63	1.52	27.48	1.53	26.84	1.55
	68	64	28.46	1.46	28.21	1.48	28.07	1.50	27.92	1.50	27.81	1.50	27.23	1.52
	-13	-13.4	13.11	1.21	12.82	1.25	12.45	1.29	12.25	1.31	12.09	1.33	11.65	1.37
	-4	-4.4	14.64	1.29	14.31	1.33	13.90	1.37	13.68	1.40	13.49	1.41	13.00	1.46
	0	-0.4	15.39	1.33	15.04	1.37	14.61	1.42	14.38	1.44	14.18	1.46	13.67	1.51
	5	4.5	16.32	1.39	15.96	1.43	15.50	1.48	15.25	1.50	15.05	1.52	14.50	1.57
	10	9	17.61	1.62	17.22	1.67	16.73	1.73	16.45	1.75	16.23	1.78	15.64	1.83
	17	15	19.33	1.79	18.90	1.85	18.36	1.90	18.06	1.94	17.82	1.96	17.17	2.02
	20	19	20.76	1.76	20.30	1.82	19.72	1.88	19.40	1.91	19.14	1.94	18.44	1.99
	25	23	22.20	1.74	21.70	1.79	21.08	1.85	20.74	1.88	20.46	1.91	19.72	1.97
	30	28	24.00	1.71	23.46	1.76	22.79	1.82	22.42	1.85	22.12	1.88	21.32	1.93
	35	32	25.43	1.68	24.86	1.74	24.15	1.79	23.76	1.82	23.44	1.85	22.59	1.90
	40	36	26.87	1.66	26.27	1.71	25.52	1.77	25.10	1.80	24.77	1.82	23.87	1.88
	45	41	28.67	1.63	28.02	1.68	27.22	1.73	26.78	1.76	26.42	1.79	25.46	1.84
	47	43	29.38	1.61	28.73	1.67	27.91	1.72	27.45	1.75	27.09	1.77	26.10	1.83
	50	46	29.47	1.60	28.88	1.65	28.16	1.70	27.75	1.72	27.43	1.75	26.50	1.79
	55	51	29.61	1.59	29.12	1.63	28.58	1.66	28.26	1.68	27.99	1.70	27.17	1.73
	60	56	29.76	1.57	29.37	1.60	29.01	1.63	28.76	1.64	28.56	1.65	27.83	1.68
	63	59	29.84	1.56	29.52	1.58	29.26	1.61	29.06	1.62	28.90	1.62	28.23	1.64
	68	64	29.93	1.55	29.67	1.57	29.52	1.59	29.37	1.59	29.25	1.60	28.64	1.61

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 3: KUMXA361A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	13.76	1.28	13.45	1.33	13.07	1.37	12.85	1.39	12.68	1.41	12.22	1.45
	-4	-4.4	15.36	1.37	15.02	1.41	14.59	1.46	14.35	1.48	14.16	1.50	13.64	1.55
	0	-0.4	16.14	1.41	15.78	1.46	15.33	1.51	15.08	1.53	14.88	1.55	14.34	1.60
	5	4.5	17.13	1.47	16.74	1.52	16.27	1.57	16.00	1.60	15.79	1.62	15.21	1.67
	10	9	18.48	1.72	18.06	1.78	17.55	1.83	17.26	1.87	17.03	1.89	16.41	1.95
	17	15	20.28	1.90	19.83	1.96	19.26	2.02	18.94	2.06	18.69	2.09	18.01	2.15
	20	19	21.79	1.87	21.30	1.93	20.69	2.00	20.35	2.03	20.08	2.06	19.35	2.12
	25	23	23.29	1.85	22.77	1.91	22.12	1.97	21.76	2.00	21.47	2.03	20.69	2.09
	30	28	25.18	1.81	24.61	1.87	23.91	1.93	23.52	1.97	23.21	1.99	22.36	2.05
	35	32	26.68	1.79	26.09	1.85	25.34	1.91	24.93	1.94	24.60	1.96	23.70	2.02
	40	36	28.19	1.76	27.56	1.82	26.77	1.88	26.34	1.91	25.99	1.94	25.04	1.99
	45	41	30.07	1.73	29.40	1.79	28.56	1.84	28.10	1.87	27.72	1.90	26.71	1.96
	47	43	30.83	1.72	30.14	1.77	29.28	1.83	28.80	1.86	28.42	1.89	27.38	1.94
	50	46	30.92	1.70	30.30	1.76	29.55	1.81	29.12	1.83	28.77	1.86	27.80	1.91
	55	51	31.07	1.69	30.55	1.73	29.99	1.77	29.65	1.79	29.37	1.81	28.50	1.84
	60	56	31.22	1.67	30.81	1.70	30.44	1.73	30.18	1.74	29.97	1.76	29.20	1.78
25	63	59	31.31	1.66	30.97	1.68	30.70	1.71	30.49	1.72	30.32	1.73	29.62	1.75
	68	64	31.40	1.65	31.13	1.67	30.97	1.69	30.81	1.69	30.69	1.70	30.04	1.71
	-13	-13.4	14.40	1.36	14.08	1.41	13.68	1.45	13.46	1.48	13.28	1.50	12.79	1.54
	-4	-4.4	16.08	1.45	15.72	1.50	15.27	1.54	15.02	1.57	14.82	1.59	14.28	1.64
	0	-0.4	16.90	1.50	16.52	1.55	16.05	1.60	15.79	1.62	15.58	1.65	15.01	1.70
	5	4.5	17.93	1.56	17.53	1.61	17.03	1.66	16.75	1.69	16.53	1.71	15.93	1.77
	10	9	19.34	1.82	18.91	1.88	18.37	1.94	18.07	1.98	17.83	2.00	17.18	2.06
	17	15	21.23	2.01	20.75	2.08	20.16	2.14	19.83	2.18	19.57	2.21	18.86	2.28
	20	19	22.81	1.98	22.30	2.05	21.66	2.11	21.31	2.15	21.02	2.18	20.26	2.25
	25	23	24.38	1.96	23.84	2.02	23.16	2.08	22.78	2.12	22.48	2.15	21.66	2.21
	30	28	26.36	1.92	25.77	1.98	25.03	2.05	24.62	2.08	24.30	2.11	23.41	2.17
	35	32	27.93	1.89	27.31	1.96	26.53	2.02	26.10	2.05	25.75	2.08	24.81	2.14
	40	36	29.51	1.87	28.85	1.93	28.03	1.99	27.57	2.02	27.20	2.05	26.21	2.11
	45	41	31.48	1.83	30.78	1.89	29.90	1.95	29.41	1.99	29.02	2.01	27.97	2.07
	47	43	32.27	1.82	31.55	1.88	30.65	1.94	30.15	1.97	29.75	2.00	28.67	2.06
	50	46	32.37	1.81	31.72	1.86	30.93	1.91	30.48	1.94	30.12	1.96	29.11	2.02
26	55	51	32.53	1.79	31.99	1.83	31.40	1.87	31.04	1.89	30.75	1.91	29.84	1.95
	60	56	32.68	1.77	32.26	1.80	31.86	1.83	31.59	1.85	31.37	1.86	30.57	1.89
	63	59	32.78	1.76	32.42	1.78	32.14	1.81	31.92	1.82	31.75	1.83	31.01	1.85
	68	64	32.87	1.74	32.59	1.77	32.42	1.79	32.26	1.79	32.12	1.80	31.45	1.81
	-13	-13.4	15.05	1.43	14.71	1.48	14.29	1.52	14.06	1.55	13.87	1.57	13.37	1.62
	-4	-4.4	16.80	1.52	16.42	1.57	15.95	1.62	15.69	1.65	15.48	1.67	14.92	1.72
	0	-0.4	17.66	1.57	17.26	1.63	16.77	1.68	16.50	1.71	16.28	1.73	15.69	1.78
	5	4.5	18.73	1.64	18.31	1.69	17.79	1.75	17.50	1.78	17.27	1.80	16.64	1.86
	10	9	20.21	1.91	19.76	1.98	19.19	2.04	18.88	2.08	18.63	2.10	17.95	2.17
	17	15	22.18	2.11	21.68	2.18	21.06	2.25	20.72	2.29	20.44	2.32	19.70	2.39
	20	19	23.83	2.08	23.30	2.15	22.63	2.22	22.26	2.26	21.96	2.29	21.17	2.36
	25	23	25.48	2.05	24.91	2.12	24.20	2.19	23.80	2.23	23.48	2.26	22.63	2.33
	30	28	27.54	2.02	26.92	2.08	26.15	2.15	25.73	2.19	25.38	2.22	24.46	2.29
	35	32	29.19	1.99	28.53	2.05	27.72	2.12	27.27	2.16	26.90	2.19	25.92	2.25
	40	36	30.83	1.96	30.14	2.02	29.28	2.09	28.81	2.13	28.42	2.15	27.39	2.22
	45	41	32.89	1.92	32.16	1.99	31.24	2.05	30.73	2.09	30.32	2.11	29.22	2.18
	47	43	33.72	1.91	32.97	1.97	32.02	2.03	31.50	2.07	31.08	2.10	29.95	2.16
	50	46	33.82	1.90	33.14	1.95	32.32	2.01	31.85	2.04	31.47	2.06	30.41	2.12
	55	51	33.98	1.88	33.42	1.92	32.80	1.97	32.43	1.99	32.12	2.01	31.17	2.05
	60	56	34.15	1.86	33.70	1.89	33.29	1.93	33.00	1.94	32.78	1.95	31.94	1.98
	63	59	34.25	1.84	33.87	1.87	33.58	1.90	33.35	1.91	33.17	1.92	32.40	1.94
	68	64	34.35	1.83	34.04	1.86	33.88	1.88	33.70	1.88	33.56	1.89	32.86	1.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 4: KUMXA361A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	15.69	1.51	15.34	1.56	14.90	1.61	14.66	1.64	14.47	1.66	13.94	1.71
	-4	-4.4	17.52	1.61	17.13	1.66	16.64	1.72	16.37	1.75	16.15	1.77	15.56	1.82
	0	-0.4	18.41	1.67	18.00	1.72	17.49	1.78	17.20	1.81	16.97	1.83	16.36	1.89
	5	4.5	19.54	1.73	19.10	1.79	18.55	1.85	18.25	1.88	18.01	1.91	17.35	1.96
	10	9	21.08	2.02	20.60	2.09	20.02	2.16	19.69	2.20	19.43	2.23	18.72	2.29
	17	15	23.13	2.24	22.61	2.31	21.97	2.38	21.61	2.42	21.32	2.46	20.55	2.53
	20	19	24.85	2.20	24.29	2.28	23.60	2.35	23.21	2.39	22.91	2.42	22.07	2.50
	25	23	26.57	2.17	25.97	2.25	25.23	2.32	24.82	2.36	24.49	2.39	23.60	2.46
	30	28	28.72	2.14	28.08	2.21	27.27	2.28	26.83	2.32	26.47	2.35	25.51	2.42
	35	32	30.44	2.10	29.76	2.17	28.91	2.24	28.43	2.28	28.06	2.31	27.04	2.38
	40	36	32.16	2.07	31.44	2.14	30.54	2.21	30.04	2.25	29.64	2.28	28.56	2.35
	45	41	34.30	2.03	33.54	2.10	32.58	2.17	32.05	2.21	31.62	2.24	30.47	2.30
	47	43	35.16	2.02	34.38	2.09	33.40	2.15	32.85	2.19	32.41	2.22	31.23	2.29
	50	46	35.27	2.01	34.56	2.07	33.70	2.13	33.21	2.16	32.82	2.18	31.71	2.24
	55	51	35.44	1.99	34.85	2.03	34.21	2.08	33.82	2.11	33.50	2.13	32.51	2.17
28	60	56	35.61	1.96	35.15	2.00	34.72	2.04	34.42	2.05	34.18	2.07	33.31	2.10
	63	59	35.71	1.95	35.33	1.98	35.02	2.01	34.78	2.02	34.59	2.03	33.78	2.06
	68	64	35.82	1.94	35.50	1.96	35.33	1.99	35.15	1.99	35.00	2.00	34.27	2.01
	-13	-13.4	16.34	1.59	15.97	1.64	15.52	1.69	15.26	1.72	15.06	1.75	14.51	1.80
	-4	-4.4	18.24	1.69	17.83	1.75	17.32	1.80	17.04	1.83	16.81	1.86	16.20	1.92
	0	-0.4	19.17	1.75	18.74	1.81	18.21	1.86	17.91	1.90	17.67	1.92	17.03	1.98
	5	4.5	20.34	1.82	19.88	1.88	19.32	1.94	19.00	1.97	18.75	2.00	18.07	2.06
	10	9	21.94	2.13	21.45	2.20	20.84	2.27	20.50	2.31	20.23	2.34	19.49	2.41
	17	15	24.08	2.35	23.54	2.43	22.87	2.50	22.50	2.55	22.20	2.58	21.39	2.66
	20	19	25.87	2.32	25.29	2.39	24.57	2.47	24.17	2.51	23.85	2.55	22.98	2.62
	25	23	27.66	2.28	27.04	2.36	26.27	2.43	25.84	2.48	25.50	2.51	24.57	2.58
	30	28	29.90	2.24	29.23	2.32	28.39	2.39	27.93	2.43	27.56	2.46	26.56	2.54
	35	32	31.69	2.21	30.98	2.28	30.09	2.36	29.60	2.40	29.21	2.43	28.15	2.50
	40	36	33.48	2.18	32.73	2.25	31.79	2.32	31.27	2.36	30.86	2.39	29.74	2.47
	45	41	35.71	2.14	34.92	2.21	33.92	2.28	33.36	2.32	32.92	2.35	31.72	2.42
	47	43	36.61	2.12	35.79	2.19	34.77	2.26	34.20	2.30	33.75	2.33	32.52	2.40
29	50	46	36.72	2.11	35.98	2.17	35.09	2.23	34.58	2.27	34.17	2.29	33.02	2.36
	55	51	36.90	2.09	36.28	2.14	35.61	2.19	35.20	2.21	34.88	2.23	33.85	2.28
	60	56	37.07	2.06	36.59	2.10	36.14	2.14	35.83	2.16	35.59	2.17	34.68	2.20
	63	59	37.18	2.05	36.78	2.08	36.46	2.11	36.21	2.12	36.01	2.13	35.17	2.16
	68	64	37.29	2.04	36.96	2.06	36.78	2.09	36.59	2.09	36.44	2.10	35.68	2.11
	-13	-13.4	16.98	1.66	16.60	1.72	16.13	1.77	15.87	1.81	15.65	1.83	15.09	1.88
	-4	-4.4	18.96	1.77	18.53	1.83	18.01	1.89	17.71	1.92	17.48	1.95	16.84	2.01
	0	-0.4	19.93	1.83	19.48	1.89	18.93	1.95	18.62	1.99	18.37	2.01	17.70	2.07
	5	4.5	21.14	1.91	20.67	1.97	20.08	2.03	19.75	2.07	19.49	2.10	18.78	2.16
	10	9	22.81	2.23	22.30	2.30	21.66	2.38	21.31	2.42	21.02	2.45	20.26	2.52
	17	15	25.03	2.46	24.47	2.54	23.77	2.62	23.38	2.67	23.07	2.70	22.23	2.79
	20	19	26.89	2.43	26.29	2.51	25.54	2.59	25.12	2.63	24.79	2.67	23.89	2.75
	25	23	28.75	2.39	28.11	2.47	27.31	2.55	26.86	2.59	26.50	2.63	25.54	2.71
	30	28	31.08	2.35	30.38	2.43	29.51	2.51	29.03	2.55	28.65	2.58	27.60	2.66
	35	32	32.94	2.32	32.20	2.39	31.28	2.47	30.77	2.51	30.36	2.55	29.26	2.62
	40	36	34.80	2.28	34.02	2.36	33.05	2.43	32.51	2.47	32.08	2.51	30.91	2.58
	45	41	37.12	2.24	36.29	2.31	35.26	2.39	34.68	2.43	34.22	2.46	32.98	2.54
	47	43	38.05	2.22	37.20	2.30	36.14	2.37	35.55	2.41	35.08	2.44	33.80	2.52
	50	46	38.17	2.21	37.40	2.27	36.47	2.34	35.94	2.38	35.52	2.40	34.32	2.47
	55	51	38.35	2.18	37.72	2.24	37.02	2.29	36.59	2.32	36.25	2.34	35.18	2.39
	60	56	38.54	2.16	38.04	2.20	37.57	2.24	37.25	2.26	36.99	2.27	36.04	2.31
	63	59	38.65	2.15	38.23	2.18	37.90	2.21	37.64	2.23	37.43	2.24	36.56	2.26
	68	64	38.76	2.13	38.42	2.16	38.23	2.19	38.03	2.19	37.88	2.20	37.09	2.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 5: KUMXA361A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	17.63	1.75	17.23	1.81	16.74	1.86	16.47	1.90	16.25	1.92	15.66	1.98
	-4	-4.4	19.68	1.86	19.24	1.92	18.69	1.98	18.38	2.02	18.14	2.05	17.48	2.11
	0	-0.4	20.69	1.92	20.22	1.99	19.65	2.05	19.32	2.09	19.07	2.11	18.37	2.18
	5	4.5	21.94	2.00	21.45	2.07	20.84	2.13	20.50	2.17	20.23	2.20	19.49	2.27
	10	9	23.67	2.34	23.15	2.42	22.48	2.49	22.12	2.54	21.82	2.57	21.03	2.65
	17	15	25.98	2.58	25.40	2.67	24.68	2.75	24.27	2.80	23.95	2.84	23.08	2.92
	20	19	27.91	2.55	27.29	2.63	26.51	2.72	26.08	2.76	25.73	2.80	24.79	2.88
	25	23	29.84	2.51	29.18	2.59	28.34	2.68	27.88	2.72	27.51	2.76	26.51	2.84
	30	28	32.26	2.47	31.54	2.55	30.64	2.63	30.14	2.68	29.73	2.71	28.65	2.79
	35	32	34.19	2.43	33.42	2.51	32.47	2.59	31.94	2.64	31.51	2.67	30.37	2.75
	40	36	36.12	2.40	35.31	2.47	34.30	2.55	33.74	2.60	33.29	2.63	32.08	2.71
	45	41	38.53	2.35	37.67	2.43	36.60	2.51	36.00	2.55	35.52	2.58	34.23	2.66
	47	43	39.50	2.33	38.62	2.41	37.51	2.49	36.90	2.53	36.41	2.56	35.09	2.64
	50	46	39.61	2.32	38.82	2.39	37.86	2.46	37.31	2.49	36.87	2.52	35.62	2.59
	55	51	39.81	2.29	39.15	2.35	38.43	2.41	37.98	2.43	37.63	2.46	36.52	2.51
	60	56	40.00	2.27	39.48	2.31	39.00	2.36	38.66	2.37	38.39	2.39	37.41	2.42
31	63	59	40.12	2.25	39.68	2.29	39.34	2.33	39.07	2.34	38.85	2.35	37.95	2.37
	68	64	40.23	2.24	39.88	2.27	39.68	2.30	39.48	2.30	39.32	2.31	38.49	2.33
	-13	-13.4	18.27	1.83	17.86	1.89	17.35	1.95	17.07	1.98	16.84	2.01	16.23	2.07
	-4	-4.4	20.40	1.95	19.94	2.01	19.37	2.08	19.06	2.11	18.80	2.14	18.12	2.21
	0	-0.4	21.44	2.02	20.96	2.08	20.36	2.15	20.03	2.19	19.76	2.21	19.05	2.28
	5	4.5	22.75	2.10	22.24	2.17	21.60	2.24	21.25	2.27	20.97	2.31	20.21	2.37
	10	9	24.54	2.45	23.99	2.53	23.31	2.61	22.93	2.66	22.62	2.69	21.80	2.77
	17	15	26.93	2.71	26.33	2.79	25.58	2.88	25.16	2.93	24.83	2.97	23.92	3.06
	20	19	28.93	2.67	28.29	2.76	27.48	2.84	27.03	2.89	26.67	2.93	25.70	3.02
	25	23	30.94	2.63	30.24	2.72	29.38	2.80	28.90	2.85	28.52	2.89	27.48	2.98
	30	28	33.44	2.58	32.69	2.67	31.76	2.75	31.24	2.80	30.82	2.84	29.70	2.93
	35	32	35.44	2.55	34.65	2.63	33.66	2.71	33.11	2.76	32.67	2.80	31.48	2.88
	40	36	37.44	2.51	36.60	2.59	35.56	2.67	34.98	2.72	34.51	2.76	33.26	2.84
	45	41	39.94	2.46	39.05	2.54	37.93	2.63	37.32	2.67	36.82	2.71	35.48	2.79
	47	43	40.94	2.44	40.03	2.52	38.89	2.61	38.25	2.65	37.74	2.69	36.37	2.77
	50	46	41.06	2.43	40.24	2.50	39.24	2.57	38.67	2.61	38.22	2.64	36.93	2.71
	55	51	41.26	2.40	40.58	2.46	39.83	2.52	39.37	2.55	39.01	2.57	37.85	2.63
32	60	56	41.47	2.38	40.93	2.42	40.42	2.47	40.08	2.49	39.80	2.50	38.78	2.54
	63	59	41.59	2.36	41.13	2.40	40.78	2.44	40.50	2.45	40.27	2.46	39.34	2.49
	68	64	41.71	2.35	41.34	2.38	41.13	2.40	40.92	2.41	40.75	2.42	39.90	2.44
	-13	-13.4	18.92	1.92	18.50	1.98	17.97	2.05	17.67	2.08	17.44	2.11	16.80	2.17
	-4	-4.4	21.12	2.04	20.65	2.11	20.06	2.18	19.73	2.22	19.47	2.25	18.76	2.32
	0	-0.4	22.20	2.11	21.70	2.18	21.08	2.25	20.74	2.29	20.46	2.32	19.72	2.39
	5	4.5	23.55	2.20	23.02	2.27	22.37	2.35	22.00	2.39	21.71	2.42	20.92	2.49
	10	9	25.41	2.57	24.84	2.66	24.13	2.74	23.73	2.79	23.42	2.83	22.57	2.91
	17	15	27.88	2.84	27.26	2.93	26.48	3.03	26.05	3.08	25.70	3.12	24.77	3.21
	20	19	29.95	2.80	29.29	2.89	28.45	2.98	27.98	3.04	27.61	3.08	26.61	3.17
	25	23	32.03	2.76	31.31	2.85	30.42	2.94	29.92	2.99	29.52	3.03	28.45	3.12
	30	28	34.62	2.71	33.84	2.80	32.88	2.89	32.34	2.94	31.91	2.98	30.75	3.07
	35	32	36.69	2.67	35.87	2.76	34.85	2.85	34.28	2.90	33.82	2.94	32.59	3.02
	40	36	38.76	2.63	37.90	2.72	36.81	2.81	36.21	2.85	35.73	2.89	34.43	2.98
	45	41	41.35	2.58	40.43	2.67	39.27	2.75	38.63	2.80	38.12	2.84	36.73	2.92
	47	43	42.39	2.56	41.44	2.65	40.26	2.73	39.60	2.78	39.07	2.82	37.65	2.90
	50	46	42.51	2.55	41.66	2.62	40.62	2.70	40.04	2.74	39.57	2.77	38.23	2.85
	55	51	42.72	2.52	42.01	2.58	41.24	2.64	40.76	2.67	40.38	2.70	39.19	2.76
	60	56	42.93	2.49	42.37	2.54	41.85	2.59	41.49	2.61	41.20	2.62	40.15	2.66
	63	59	43.05	2.48	42.58	2.52	42.22	2.55	41.93	2.57	41.70	2.58	40.73	2.61
	68	64	43.18	2.46	42.80	2.49	42.59	2.52	42.37	2.53	42.19	2.53	41.31	2.56

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 6: KUMXA361A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	19.56	2.00	19.13	2.07	18.58	2.14	18.28	2.17	18.03	2.20	17.38	2.27
	-4	-4.4	21.84	2.13	21.35	2.20	20.74	2.27	20.40	2.31	20.13	2.34	19.40	2.41
	0	-0.4	22.96	2.21	22.44	2.28	21.80	2.35	21.45	2.39	21.16	2.42	20.39	2.50
	5	4.5	24.35	2.30	23.81	2.37	23.13	2.45	22.75	2.49	22.45	2.52	21.63	2.60
	10	9	26.27	2.68	25.69	2.77	24.95	2.86	24.54	2.91	24.22	2.95	23.34	3.04
	17	15	28.83	2.96	28.19	3.06	27.38	3.16	26.94	3.21	26.58	3.25	25.61	3.35
	20	19	30.98	2.92	30.28	3.02	29.42	3.11	28.94	3.17	28.55	3.21	27.52	3.31
	25	23	33.12	2.88	32.38	2.97	31.45	3.07	30.94	3.12	30.53	3.16	29.42	3.26
	30	28	35.80	2.83	35.00	2.92	34.00	3.01	33.44	3.07	33.00	3.11	31.80	3.20
	35	32	37.94	2.79	37.09	2.88	36.03	2.97	35.44	3.02	34.97	3.06	33.70	3.16
	40	36	40.08	2.75	39.19	2.84	38.07	2.93	37.45	2.98	36.95	3.02	35.61	3.11
	45	41	42.76	2.69	41.81	2.78	40.61	2.87	39.95	2.92	39.42	2.96	37.98	3.05
	47	43	43.83	2.67	42.85	2.76	41.63	2.85	40.95	2.90	40.41	2.94	38.94	3.03
	50	46	43.96	2.66	43.08	2.74	42.01	2.82	41.40	2.86	40.91	2.89	39.53	2.97
	55	51	44.18	2.63	43.45	2.69	42.64	2.76	42.15	2.79	41.76	2.81	40.53	2.87
	60	56	44.39	2.60	43.81	2.65	43.28	2.70	42.91	2.72	42.61	2.74	41.52	2.78
34	63	59	44.52	2.58	44.04	2.63	43.66	2.67	43.36	2.68	43.12	2.69	42.12	2.72
	68	64	44.65	2.57	44.26	2.60	44.04	2.63	43.81	2.64	43.63	2.64	42.72	2.67
	-13	-13.4	20.21	2.09	19.76	2.16	19.19	2.23	18.88	2.27	18.63	2.30	17.95	2.37
	-4	-4.4	22.56	2.23	22.05	2.30	21.42	2.38	21.07	2.42	20.79	2.45	20.04	2.52
	0	-0.4	23.71	2.30	23.18	2.38	22.52	2.46	22.15	2.50	21.86	2.53	21.06	2.61
	5	4.5	25.16	2.40	24.59	2.48	23.89	2.56	23.50	2.60	23.19	2.64	22.34	2.72
	10	9	27.14	2.80	26.53	2.89	25.77	2.99	25.35	3.04	25.02	3.08	24.11	3.17
	17	15	29.78	3.09	29.12	3.20	28.29	3.30	27.82	3.35	27.45	3.40	26.46	3.50
	20	19	32.00	3.05	31.28	3.15	30.39	3.25	29.89	3.31	29.49	3.35	28.42	3.45
	25	23	34.21	3.01	33.45	3.11	32.49	3.21	31.96	3.26	31.54	3.31	30.39	3.41
	30	28	36.98	2.95	36.15	3.05	35.12	3.15	34.55	3.20	34.09	3.25	32.85	3.34
	35	32	39.19	2.91	38.32	3.01	37.22	3.10	36.61	3.16	36.13	3.20	34.81	3.30
	40	36	41.41	2.87	40.48	2.96	39.32	3.06	38.68	3.11	38.17	3.15	36.78	3.25
	45	41	44.17	2.82	43.19	2.91	41.95	3.00	41.27	3.05	40.72	3.09	39.24	3.19
	47	43	45.28	2.79	44.27	2.89	43.00	2.98	42.30	3.03	41.74	3.07	40.22	3.16
	50	46	45.41	2.78	44.50	2.86	43.39	2.94	42.77	2.99	42.26	3.02	40.84	3.10
35	55	51	45.63	2.75	44.88	2.81	44.05	2.88	43.54	2.91	43.14	2.94	41.86	3.00
	60	56	45.86	2.72	45.26	2.77	44.70	2.82	44.32	2.84	44.01	2.86	42.89	2.90
	63	59	45.99	2.70	45.49	2.74	45.09	2.78	44.79	2.80	44.54	2.81	43.50	2.84
	68	64	46.12	2.68	45.72	2.72	45.49	2.75	45.26	2.76	45.07	2.76	44.13	2.78
	-13	-13.4	20.85	2.18	20.39	2.25	19.80	2.33	19.48	2.37	19.22	2.40	18.52	2.47
	-4	-4.4	23.28	2.32	22.76	2.40	22.11	2.48	21.75	2.52	21.46	2.55	20.68	2.63
	0	-0.4	24.47	2.40	23.92	2.48	23.24	2.56	22.86	2.61	22.56	2.64	21.74	2.72
	5	4.5	25.96	2.50	25.38	2.58	24.65	2.67	24.25	2.71	23.93	2.75	23.06	2.83
	10	9	28.00	2.92	27.38	3.02	26.60	3.11	26.16	3.17	25.81	3.21	24.88	3.31
	17	15	30.73	3.23	30.05	3.33	29.19	3.44	28.71	3.50	28.33	3.55	27.30	3.65
	20	19	33.02	3.18	32.28	3.29	31.36	3.39	30.85	3.45	30.44	3.50	29.33	3.60
	25	23	35.30	3.14	34.51	3.24	33.53	3.34	32.98	3.40	32.54	3.45	31.36	3.55
	30	28	38.16	3.08	37.31	3.18	36.24	3.28	35.65	3.34	35.17	3.39	33.89	3.49
	35	32	40.44	3.04	39.54	3.14	38.41	3.24	37.78	3.29	37.28	3.34	35.92	3.44
	40	36	42.73	2.99	41.77	3.09	40.58	3.19	39.92	3.24	39.39	3.29	37.95	3.39
	45	41	45.58	2.94	44.56	3.03	43.29	3.13	42.58	3.18	42.02	3.23	40.49	3.32
	47	43	46.72	2.91	45.68	3.01	44.38	3.11	43.65	3.16	43.07	3.20	41.50	3.30
	50	46	46.86	2.90	45.92	2.98	44.78	3.07	44.13	3.11	43.61	3.15	42.14	3.24
	55	51	47.09	2.86	46.31	2.94	45.45	3.01	44.93	3.04	44.52	3.07	43.20	3.13
	60	56	47.32	2.83	46.70	2.89	46.13	2.94	45.73	2.96	45.42	2.98	44.26	3.03
	63	59	47.46	2.82	46.94	2.86	46.53	2.90	46.21	2.92	45.96	2.93	44.89	2.97
	68	64	47.59	2.80	47.18	2.83	46.94	2.87	46.70	2.87	46.51	2.88	45.54	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 7: KUMXA361A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54
	45	41	46.99	3.07	45.94	3.17	44.63	3.27	43.90	3.33	43.32	3.37	41.74	3.47
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
37	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03
	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54
	45	41	46.99	3.07	45.94	3.17	44.63	3.27	43.90	3.33	43.32	3.37	41.74	3.47
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
38	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03
	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54
	45	41	46.99	3.07	45.94	3.17	44.63	3.27	43.90	3.33	43.32	3.37	41.74	3.47
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 8: KUMXA361A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54
	45	41	46.99	3.07	45.94	3.17	44.63	3.27	43.90	3.33	43.32	3.37	41.74	3.47
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
40	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03
	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54
	45	41	46.99	3.07	45.94	3.17	44.63	3.27	43.90	3.33	43.32	3.37	41.74	3.47
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
41	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03
	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54
	45	41	46.99	3.07	45.94	3.17	44.63	3.27	43.90	3.33	43.32	3.37	41.74	3.47
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 9: KUMXA361A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54
	45	41	46.99	3.07	45.94	3.17	44.63	3.27	43.90	3.33	43.32	3.37	41.74	3.47
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
43	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03
	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54
	45	41	46.99	3.07	45.94	3.17	44.63	3.27	43.90	3.33	43.32	3.37	41.74	3.47
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
44	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03
	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54
	45	41	46.99	3.07	45.94	3.17	44.63	3.27	43.90	3.33	43.32	3.37	41.74	3.47
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 10: KUMXA361A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54
	45	41	46.99	3.07	45.94	3.17	44.63	3.27	43.90	3.33	43.32	3.37	41.74	3.47
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
46	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03
	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54
	45	41	46.99	3.07	45.94	3.17	44.63	3.27	43.90	3.33	43.32	3.37	41.74	3.47
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
47	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03
	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 11: KUMXA361A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	21.50	2.28	21.02	2.35	20.42	2.43	20.08	2.47	19.82	2.51	19.10	2.58
	-4	-4.4	24.00	2.43	23.46	2.51	22.79	2.59	22.42	2.63	22.12	2.67	21.32	2.75
	0	-0.4	25.23	2.51	24.66	2.59	23.96	2.68	23.57	2.72	23.25	2.76	22.41	2.84
	5	4.5	26.76	2.61	26.16	2.70	25.42	2.78	25.00	2.83	24.67	2.87	23.77	2.96
	10	9	28.87	3.05	28.23	3.15	27.42	3.25	26.97	3.31	26.61	3.35	25.65	3.45
	17	15	31.68	3.37	30.98	3.48	30.09	3.59	29.60	3.65	29.21	3.70	28.14	3.81
	20	19	34.04	3.32	33.28	3.43	32.33	3.54	31.80	3.60	31.38	3.65	30.24	3.76
	25	23	36.39	3.28	35.58	3.38	34.56	3.49	34.00	3.55	33.55	3.60	32.33	3.71
	30	28	39.34	3.22	38.46	3.32	37.36	3.43	36.75	3.49	36.26	3.54	34.94	3.64
	35	32	41.69	3.17	40.76	3.28	39.60	3.38	38.95	3.44	38.43	3.49	37.03	3.59
	40	36	44.05	3.12	43.06	3.23	41.83	3.33	41.15	3.39	40.60	3.43	39.13	3.54
	45	41	46.99	3.07	45.94	3.17	44.63	3.27	43.90	3.33	43.32	3.37	41.74	3.47
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 12: KUMXA361A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	11.29	0.78	11.04	0.80	10.72	0.83	10.55	0.84	10.41	0.85	10.03	0.88
	-4	-4.4	11.54	0.83	11.28	0.86	10.96	0.88	10.78	0.90	10.64	0.91	10.25	0.94
	0	-0.4	11.66	0.86	11.40	0.88	11.08	0.91	10.90	0.93	10.75	0.94	10.36	0.97
	5	4.5	11.82	0.89	11.55	0.92	11.22	0.95	11.04	0.97	10.89	0.98	10.50	1.01
	10	9	12.03	0.91	11.76	0.94	11.42	0.97	11.24	0.99	11.09	1.00	10.68	1.03
	17	15	12.31	0.93	12.03	0.96	11.69	0.99	11.50	1.00	11.35	1.02	10.93	1.05
	20	19	13.72	0.98	13.41	1.01	13.03	1.04	12.81	1.06	12.64	1.08	12.18	1.11
	25	23	15.12	1.03	14.79	1.06	14.36	1.10	14.13	1.12	13.94	1.13	13.43	1.17
	30	28	16.88	1.10	16.50	1.13	16.03	1.17	15.77	1.19	15.56	1.20	15.00	1.24
	35	32	18.29	1.15	17.88	1.19	17.37	1.22	17.09	1.24	16.86	1.26	16.25	1.30
	40	36	19.70	1.20	19.26	1.24	18.71	1.28	18.40	1.30	18.16	1.32	17.50	1.36
	45	41	21.45	1.26	20.98	1.31	20.38	1.35	20.04	1.37	19.78	1.39	19.06	1.43
	47	43	22.16	1.29	21.66	1.33	21.04	1.38	20.70	1.40	20.42	1.42	19.68	1.46
	50	46	22.22	1.28	21.77	1.32	21.24	1.36	20.93	1.38	20.68	1.40	19.98	1.43
	55	51	22.33	1.27	21.96	1.30	21.56	1.33	21.31	1.35	21.11	1.36	20.49	1.39
19	60	56	22.44	1.26	22.15	1.28	21.88	1.30	21.69	1.31	21.54	1.32	20.99	1.34
	63	59	22.51	1.25	22.26	1.27	22.07	1.29	21.92	1.29	21.80	1.30	21.29	1.31
	68	64	22.57	1.24	22.37	1.26	22.26	1.27	22.15	1.27	22.06	1.28	21.59	1.29
	-13	-13.4	12.03	0.84	11.76	0.87	11.42	0.89	11.24	0.91	11.09	0.92	10.68	0.95
	-4	-4.4	12.29	0.89	12.02	0.92	11.68	0.95	11.49	0.97	11.33	0.98	10.92	1.01
	0	-0.4	12.42	0.92	12.15	0.95	11.80	0.98	11.61	1.00	11.45	1.01	11.04	1.05
	5	4.5	12.59	0.96	12.31	0.99	11.96	1.02	11.76	1.04	11.60	1.06	11.18	1.09
	10	9	12.81	0.98	12.53	1.02	12.17	1.05	11.97	1.07	11.81	1.08	11.38	1.11
	17	15	13.11	1.00	12.82	1.03	12.45	1.06	12.25	1.08	12.09	1.10	11.65	1.13
	20	19	14.61	1.06	14.28	1.09	13.88	1.12	13.65	1.14	13.47	1.16	12.98	1.19
	25	23	16.11	1.11	15.75	1.15	15.30	1.18	15.05	1.21	14.85	1.22	14.31	1.26
	30	28	17.98	1.18	17.58	1.22	17.08	1.26	16.80	1.28	16.58	1.30	15.97	1.34
	35	32	19.48	1.24	19.05	1.28	18.50	1.32	18.20	1.34	17.96	1.36	17.31	1.40
	40	36	20.98	1.29	20.51	1.34	19.93	1.38	19.60	1.40	19.34	1.42	18.64	1.47
	45	41	22.85	1.36	22.34	1.41	21.70	1.45	21.35	1.48	21.07	1.50	20.30	1.54
	47	43	23.60	1.39	23.08	1.44	22.42	1.48	22.05	1.51	21.76	1.53	20.97	1.58
20	50	46	23.67	1.38	23.19	1.43	22.62	1.47	22.29	1.49	22.03	1.51	21.29	1.55
	55	51	23.79	1.37	23.39	1.40	22.96	1.44	22.70	1.45	22.49	1.47	21.82	1.50
	60	56	23.90	1.35	23.59	1.38	23.30	1.41	23.10	1.42	22.94	1.42	22.36	1.45
	63	59	23.97	1.35	23.71	1.37	23.51	1.39	23.35	1.39	23.22	1.40	22.68	1.42
	68	64	24.04	1.34	23.83	1.35	23.71	1.37	23.59	1.37	23.49	1.38	23.00	1.39
	-13	-13.4	12.76	0.90	12.48	0.93	12.12	0.96	11.92	0.98	11.77	0.99	11.34	1.02
	-4	-4.4	13.05	0.96	12.76	0.99	12.39	1.02	12.19	1.04	12.03	1.05	11.59	1.08
	0	-0.4	13.19	0.99	12.89	1.02	12.52	1.06	12.32	1.07	12.15	1.09	11.71	1.12
	5	4.5	13.36	1.03	13.06	1.07	12.69	1.10	12.48	1.12	12.31	1.13	11.87	1.17
	10	9	13.60	1.05	13.29	1.09	12.91	1.12	12.70	1.14	12.53	1.16	12.08	1.19
	17	15	13.92	1.07	13.60	1.11	13.22	1.14	13.00	1.16	12.83	1.18	12.36	1.21
	20	19	15.51	1.13	15.16	1.17	14.73	1.21	14.49	1.23	14.29	1.24	13.77	1.28
	25	23	17.10	1.19	16.71	1.23	16.24	1.27	15.97	1.29	15.76	1.31	15.19	1.35
	30	28	19.08	1.27	18.66	1.31	18.12	1.35	17.83	1.37	17.59	1.39	16.95	1.44
	35	32	20.67	1.33	20.21	1.37	19.64	1.42	19.31	1.44	19.06	1.46	18.36	1.50
	40	36	22.26	1.39	21.77	1.43	21.15	1.48	20.80	1.51	20.52	1.53	19.78	1.57
	45	41	24.25	1.46	23.71	1.51	23.03	1.56	22.66	1.59	22.36	1.61	21.54	1.66
	47	43	25.05	1.49	24.49	1.54	23.79	1.59	23.40	1.62	23.09	1.64	22.25	1.69
	50	46	25.12	1.48	24.61	1.53	24.01	1.57	23.66	1.60	23.38	1.62	22.59	1.66
	55	51	25.24	1.47	24.83	1.50	24.37	1.54	24.09	1.56	23.86	1.57	23.16	1.61
	60	56	25.37	1.45	25.04	1.48	24.73	1.51	24.52	1.52	24.35	1.53	23.73	1.55
	63	59	25.44	1.44	25.16	1.47	24.95	1.49	24.78	1.50	24.64	1.50	24.07	1.52
	68	64	25.51	1.43	25.29	1.45	25.16	1.47	25.04	1.47	24.93	1.48	24.41	1.49

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 13: KUMXA361A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	13.50	0.96	13.20	0.99	12.82	1.02	12.61	1.04	12.44	1.06	11.99	1.09
	-4	-4.4	13.80	1.02	13.49	1.06	13.11	1.09	12.89	1.11	12.72	1.12	12.26	1.16
	0	-0.4	13.95	1.06	13.63	1.09	13.24	1.13	13.03	1.15	12.86	1.16	12.39	1.20
	5	4.5	14.13	1.10	13.81	1.14	13.42	1.17	13.20	1.19	13.02	1.21	12.55	1.25
	10	9	14.38	1.13	14.06	1.16	13.66	1.20	13.44	1.22	13.26	1.24	12.78	1.28
	17	15	14.72	1.14	14.39	1.18	13.98	1.22	13.75	1.24	13.57	1.26	13.07	1.30
	20	19	16.40	1.21	16.03	1.25	15.58	1.29	15.32	1.31	15.12	1.33	14.57	1.37
	25	23	18.08	1.27	17.68	1.32	17.17	1.36	16.89	1.38	16.67	1.40	16.06	1.44
	30	28	20.19	1.35	19.73	1.40	19.17	1.44	18.86	1.47	18.61	1.49	17.93	1.53
	35	32	21.87	1.42	21.38	1.46	20.77	1.51	20.43	1.54	20.16	1.56	19.42	1.61
	40	36	23.55	1.48	23.02	1.53	22.37	1.58	22.00	1.61	21.71	1.63	20.92	1.68
	45	41	25.65	1.56	25.08	1.61	24.36	1.67	23.96	1.70	23.65	1.72	22.79	1.77
	47	43	26.49	1.60	25.90	1.65	25.16	1.70	24.75	1.73	24.42	1.75	23.53	1.81
	50	46	26.57	1.59	26.03	1.63	25.39	1.68	25.02	1.71	24.73	1.73	23.89	1.77
	55	51	26.70	1.57	26.26	1.61	25.77	1.65	25.48	1.66	25.24	1.68	24.49	1.71
22	60	56	26.83	1.55	26.48	1.58	26.16	1.61	25.93	1.62	25.75	1.63	25.09	1.66
	63	59	26.91	1.54	26.61	1.57	26.38	1.59	26.20	1.60	26.06	1.60	25.45	1.62
	68	64	26.99	1.53	26.75	1.55	26.62	1.57	26.48	1.57	26.37	1.58	25.82	1.59
	-13	-13.4	14.24	1.02	13.92	1.06	13.52	1.09	13.30	1.11	13.12	1.12	12.65	1.16
	-4	-4.4	14.55	1.09	14.23	1.12	13.82	1.16	13.59	1.18	13.41	1.20	12.93	1.23
	0	-0.4	14.71	1.13	14.38	1.16	13.97	1.20	13.74	1.22	13.56	1.24	13.06	1.27
	5	4.5	14.90	1.17	14.57	1.21	14.15	1.25	13.92	1.27	13.74	1.29	13.24	1.33
	10	9	15.17	1.20	14.83	1.24	14.40	1.28	14.17	1.30	13.98	1.32	13.47	1.36
	17	15	15.52	1.22	15.17	1.26	14.74	1.30	14.50	1.32	14.31	1.34	13.79	1.38
	20	19	17.30	1.29	16.91	1.33	16.43	1.37	16.16	1.39	15.94	1.41	15.36	1.46
	25	23	19.07	1.35	18.64	1.40	18.11	1.44	17.81	1.47	17.58	1.49	16.94	1.53
	30	28	21.29	1.44	20.81	1.49	20.22	1.53	19.89	1.56	19.62	1.58	18.91	1.63
	35	32	23.06	1.51	22.54	1.56	21.90	1.61	21.54	1.64	21.26	1.66	20.48	1.71
	40	36	24.83	1.58	24.28	1.63	23.59	1.68	23.20	1.71	22.89	1.73	22.06	1.79
	45	41	27.05	1.66	26.45	1.72	25.69	1.77	25.27	1.80	24.94	1.83	24.03	1.88
	47	43	27.94	1.70	27.31	1.75	26.53	1.81	26.10	1.84	25.75	1.86	24.82	1.92
23	50	46	28.02	1.69	27.46	1.74	26.78	1.79	26.39	1.81	26.08	1.84	25.20	1.88
	55	51	28.16	1.67	27.69	1.71	27.18	1.75	26.87	1.77	26.62	1.79	25.83	1.82
	60	56	28.29	1.65	27.93	1.68	27.58	1.71	27.35	1.73	27.16	1.74	26.46	1.76
	63	59	28.38	1.64	28.07	1.67	27.82	1.69	27.63	1.70	27.48	1.71	26.84	1.73
	68	64	28.46	1.63	28.21	1.65	28.07	1.67	27.92	1.67	27.81	1.68	27.23	1.69
	-13	-13.4	14.97	1.08	14.64	1.12	14.22	1.15	13.99	1.17	13.80	1.19	13.30	1.23
	-4	-4.4	15.30	1.15	14.96	1.19	14.54	1.23	14.30	1.25	14.11	1.27	13.59	1.31
	0	-0.4	15.47	1.19	15.12	1.23	14.69	1.27	14.45	1.29	14.26	1.31	13.74	1.35
	5	4.5	15.67	1.24	15.32	1.28	14.88	1.32	14.64	1.35	14.45	1.36	13.92	1.41
	10	9	15.95	1.27	15.59	1.31	15.15	1.35	14.90	1.38	14.70	1.40	14.17	1.44
	17	15	16.32	1.29	15.96	1.33	15.50	1.38	15.25	1.40	15.05	1.42	14.50	1.46
	20	19	18.19	1.36	17.78	1.41	17.28	1.45	16.99	1.48	16.77	1.50	16.16	1.54
	25	23	20.06	1.44	19.61	1.48	19.05	1.53	18.74	1.56	18.49	1.58	17.81	1.62
	30	28	22.39	1.53	21.89	1.58	21.26	1.63	20.91	1.65	20.64	1.68	19.89	1.73
	35	32	24.25	1.60	23.71	1.65	23.03	1.70	22.66	1.73	22.36	1.76	21.54	1.81
	40	36	26.12	1.67	25.53	1.73	24.81	1.78	24.40	1.81	24.08	1.84	23.20	1.89
	45	41	28.45	1.76	27.81	1.82	27.02	1.88	26.58	1.91	26.23	1.94	25.27	1.99
	47	43	29.38	1.80	28.73	1.86	27.91	1.92	27.45	1.95	27.09	1.98	26.10	2.04
	50	46	29.47	1.79	28.88	1.84	28.16	1.89	27.75	1.92	27.43	1.94	26.50	2.00
	55	51	29.61	1.77	29.12	1.81	28.58	1.85	28.26	1.88	27.99	1.89	27.17	1.93
	60	56	29.76	1.75	29.37	1.78	29.01	1.82	28.76	1.83	28.56	1.84	27.83	1.87
	63	59	29.84	1.74	29.52	1.77	29.26	1.79	29.06	1.80	28.90	1.81	28.23	1.83
	68	64	29.93	1.73	29.67	1.75	29.52	1.77	29.37	1.77	29.25	1.78	28.64	1.79

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 14: KUMXA361A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	15.71	1.15	15.36	1.19	14.92	1.23	14.68	1.25	14.48	1.26	13.95	1.30
	-4	-4.4	16.06	1.22	15.70	1.26	15.25	1.31	15.00	1.33	14.80	1.35	14.26	1.39
	0	-0.4	16.23	1.27	15.87	1.31	15.41	1.35	15.16	1.37	14.96	1.39	14.42	1.43
	5	4.5	16.44	1.32	16.07	1.36	15.62	1.40	15.36	1.43	15.16	1.45	14.60	1.49
	10	9	16.74	1.35	16.36	1.39	15.89	1.44	15.63	1.46	15.43	1.48	14.87	1.53
	17	15	17.13	1.37	16.74	1.41	16.27	1.46	16.00	1.48	15.79	1.51	15.21	1.55
	20	19	19.08	1.45	18.66	1.49	18.12	1.54	17.83	1.57	17.59	1.59	16.95	1.64
	25	23	21.04	1.52	20.57	1.57	19.98	1.62	19.66	1.65	19.40	1.67	18.69	1.72
	30	28	23.49	1.62	22.96	1.67	22.31	1.73	21.94	1.76	21.65	1.78	20.86	1.83
	35	32	25.45	1.70	24.88	1.75	24.17	1.81	23.77	1.84	23.46	1.87	22.60	1.92
	40	36	27.40	1.77	26.79	1.83	26.03	1.89	25.60	1.92	25.26	1.95	24.34	2.01
	45	41	29.85	1.87	29.18	1.93	28.35	1.99	27.89	2.03	27.52	2.06	26.51	2.12
	47	43	30.83	1.91	30.14	1.97	29.28	2.03	28.80	2.07	28.42	2.10	27.38	2.16
	50	46	30.92	1.90	30.30	1.95	29.55	2.01	29.12	2.04	28.77	2.06	27.80	2.12
	55	51	31.07	1.88	30.55	1.92	29.99	1.97	29.65	1.99	29.37	2.01	28.50	2.05
25	60	56	31.22	1.86	30.81	1.89	30.44	1.93	30.18	1.94	29.97	1.95	29.20	1.98
	63	59	31.31	1.84	30.97	1.87	30.70	1.90	30.49	1.91	30.32	1.92	29.62	1.94
	68	64	31.40	1.83	31.13	1.86	30.97	1.88	30.81	1.88	30.69	1.89	30.04	1.90
	-13	-13.4	16.45	1.22	16.08	1.26	15.62	1.30	15.36	1.32	15.16	1.34	14.61	1.38
	-4	-4.4	16.81	1.30	16.43	1.34	15.96	1.38	15.70	1.40	15.50	1.42	14.93	1.47
	0	-0.4	16.99	1.34	16.61	1.38	16.13	1.43	15.87	1.45	15.66	1.47	15.09	1.52
	5	4.5	17.21	1.39	16.83	1.44	16.35	1.49	16.08	1.51	15.87	1.53	15.29	1.58
	10	9	17.52	1.43	17.13	1.47	16.64	1.52	16.37	1.55	16.15	1.57	15.56	1.61
	17	15	17.93	1.45	17.53	1.50	17.03	1.54	16.75	1.57	16.53	1.59	15.93	1.64
	20	19	19.98	1.53	19.53	1.58	18.97	1.63	18.66	1.66	18.42	1.68	17.75	1.73
	25	23	22.03	1.61	21.54	1.67	20.92	1.72	20.58	1.75	20.31	1.77	19.57	1.82
	30	28	24.59	1.71	24.04	1.77	23.35	1.83	22.97	1.86	22.67	1.88	21.84	1.94
	35	32	26.64	1.80	26.04	1.85	25.30	1.91	24.89	1.95	24.56	1.97	23.66	2.03
	40	36	28.69	1.88	28.05	1.94	27.25	2.00	26.80	2.04	26.44	2.06	25.48	2.12
	45	41	31.25	1.98	30.55	2.04	29.68	2.11	29.19	2.15	28.80	2.17	27.76	2.24
	47	43	32.27	2.02	31.55	2.09	30.65	2.15	30.15	2.19	29.75	2.22	28.67	2.29
26	50	46	32.37	2.01	31.72	2.07	30.93	2.13	30.48	2.16	30.12	2.18	29.11	2.24
	55	51	32.53	1.99	31.99	2.03	31.40	2.08	31.04	2.11	30.75	2.13	29.84	2.17
	60	56	32.68	1.96	32.26	2.00	31.86	2.04	31.59	2.05	31.37	2.07	30.57	2.10
	63	59	32.78	1.95	32.42	1.98	32.14	2.01	31.92	2.02	31.75	2.03	31.01	2.06
	68	64	32.87	1.94	32.59	1.96	32.42	1.99	32.26	1.99	32.12	2.00	31.45	2.01
	-13	-13.4	17.18	1.28	16.80	1.33	16.32	1.37	16.05	1.39	15.84	1.41	15.26	1.45
	-4	-4.4	17.56	1.37	17.17	1.41	16.68	1.46	16.41	1.48	16.19	1.50	15.60	1.55
	0	-0.4	17.75	1.41	17.35	1.46	16.86	1.51	16.58	1.53	16.36	1.55	15.77	1.60
	5	4.5	17.98	1.47	17.58	1.52	17.08	1.57	16.80	1.59	16.58	1.62	15.97	1.66
	10	9	18.30	1.50	17.90	1.55	17.38	1.60	17.10	1.63	16.87	1.65	16.26	1.70
	17	15	18.73	1.53	18.31	1.58	17.79	1.63	17.50	1.66	17.27	1.68	16.64	1.73
	20	19	20.87	1.61	20.41	1.67	19.82	1.72	19.50	1.75	19.24	1.77	18.54	1.83
	25	23	23.01	1.70	22.50	1.76	21.86	1.81	21.50	1.84	21.21	1.87	20.44	1.92
	30	28	25.69	1.81	25.12	1.87	24.40	1.93	24.00	1.96	23.68	1.99	22.82	2.05
	35	32	27.83	1.89	27.21	1.96	26.43	2.02	26.00	2.05	25.65	2.08	24.72	2.14
	40	36	29.97	1.98	29.30	2.04	28.47	2.11	28.00	2.15	27.63	2.18	26.62	2.24
	45	41	32.65	2.09	31.92	2.16	31.01	2.23	30.50	2.26	30.09	2.29	29.00	2.36
	47	43	33.72	2.13	32.97	2.20	32.02	2.27	31.50	2.31	31.08	2.34	29.95	2.41
	50	46	33.82	2.12	33.14	2.18	32.32	2.24	31.85	2.28	31.47	2.30	30.41	2.37
	55	51	33.98	2.09	33.42	2.15	32.80	2.20	32.43	2.22	32.12	2.24	31.17	2.29
	60	56	34.15	2.07	33.70	2.11	33.29	2.15	33.00	2.17	32.78	2.18	31.94	2.21
	63	59	34.25	2.06	33.87	2.09	33.58	2.12	33.35	2.13	33.17	2.14	32.40	2.17
	68	64	34.35	2.05	34.04	2.07	33.88	2.10	33.70	2.10	33.56	2.11	32.86	2.12

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 15: KUMXA361A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	17.92	1.36	17.52	1.40	17.02	1.44	16.74	1.47	16.52	1.49	15.92	1.53
	-4	-4.4	18.32	1.44	17.91	1.49	17.39	1.54	17.11	1.57	16.88	1.59	16.27	1.63
	0	-0.4	18.51	1.49	18.10	1.54	17.58	1.59	17.29	1.62	17.06	1.64	16.44	1.69
	5	4.5	18.75	1.55	18.33	1.60	17.81	1.66	17.52	1.68	17.29	1.71	16.66	1.76
	10	9	19.09	1.59	18.66	1.64	18.13	1.69	17.83	1.72	17.60	1.75	16.96	1.80
	17	15	19.54	1.61	19.10	1.67	18.55	1.72	18.25	1.75	18.01	1.77	17.35	1.83
	20	19	21.77	1.70	21.28	1.76	20.67	1.82	20.34	1.85	20.07	1.87	19.34	1.93
	25	23	24.00	1.80	23.46	1.86	22.79	1.91	22.42	1.95	22.12	1.97	21.32	2.03
	30	28	26.79	1.91	26.19	1.97	25.44	2.04	25.03	2.07	24.70	2.10	23.80	2.16
	35	32	29.02	2.00	28.38	2.07	27.56	2.13	27.11	2.17	26.75	2.20	25.78	2.26
	40	36	31.26	2.09	30.56	2.16	29.69	2.23	29.20	2.27	28.81	2.30	27.76	2.37
	45	41	34.05	2.20	33.29	2.28	32.34	2.35	31.81	2.39	31.38	2.42	30.24	2.50
	47	43	35.16	2.25	34.38	2.32	33.40	2.40	32.85	2.44	32.41	2.47	31.23	2.55
	50	46	35.27	2.24	34.56	2.30	33.70	2.37	33.21	2.41	32.82	2.43	31.71	2.50
	55	51	35.44	2.21	34.85	2.27	34.21	2.32	33.82	2.35	33.50	2.37	32.51	2.42
	60	56	35.61	2.19	35.15	2.23	34.72	2.27	34.42	2.29	34.18	2.30	33.31	2.34
	63	59	35.71	2.17	35.33	2.21	35.02	2.24	34.78	2.25	34.59	2.26	33.78	2.29
	68	64	35.82	2.16	35.50	2.19	35.33	2.21	35.15	2.22	35.00	2.22	34.27	2.24
28	-13	-13.4	18.66	1.42	18.24	1.47	17.72	1.52	17.43	1.54	17.20	1.56	16.57	1.61
	-4	-4.4	19.07	1.51	18.64	1.56	18.11	1.61	17.81	1.64	17.58	1.66	16.94	1.71
	0	-0.4	19.27	1.57	18.84	1.62	18.30	1.67	18.00	1.70	17.76	1.72	17.12	1.77
	5	4.5	19.52	1.63	19.09	1.68	18.54	1.74	18.24	1.77	18.00	1.79	17.34	1.85
	10	9	19.87	1.67	19.43	1.72	18.87	1.78	18.57	1.81	18.32	1.83	17.65	1.89
	17	15	20.34	1.69	19.88	1.75	19.32	1.81	19.00	1.84	18.75	1.86	18.07	1.92
	20	19	22.66	1.79	22.16	1.85	21.52	1.91	21.17	1.94	20.89	1.97	20.13	2.03
	25	23	24.99	1.88	24.43	1.95	23.73	2.01	23.34	2.04	23.03	2.07	22.20	2.13
	30	28	27.89	2.00	27.27	2.07	26.49	2.14	26.06	2.17	25.71	2.20	24.78	2.27
	35	32	30.22	2.10	29.54	2.17	28.70	2.24	28.23	2.28	27.85	2.31	26.84	2.38
	40	36	32.54	2.19	31.81	2.27	30.90	2.34	30.40	2.38	30.00	2.41	28.91	2.48
	45	41	35.45	2.31	34.65	2.39	33.66	2.47	33.11	2.51	32.67	2.54	31.49	2.62
	47	43	36.61	2.36	35.79	2.44	34.77	2.52	34.20	2.56	33.75	2.59	32.52	2.67
	50	46	36.72	2.35	35.98	2.42	35.09	2.49	34.58	2.52	34.17	2.55	33.02	2.62
	55	51	36.90	2.32	36.28	2.38	35.61	2.43	35.20	2.46	34.88	2.48	33.85	2.54
	60	56	37.07	2.30	36.59	2.34	36.14	2.38	35.83	2.40	35.59	2.42	34.68	2.45
	63	59	37.18	2.28	36.78	2.32	36.46	2.35	36.21	2.36	36.01	2.37	35.17	2.40
	68	64	37.29	2.27	36.96	2.30	36.78	2.32	36.59	2.33	36.44	2.33	35.68	2.35
29	-13	-13.4	19.39	1.50	18.96	1.55	18.42	1.60	18.12	1.63	17.87	1.65	17.22	1.70
	-4	-4.4	19.82	1.60	19.38	1.65	18.82	1.70	18.52	1.73	18.27	1.76	17.61	1.81
	0	-0.4	20.03	1.65	19.58	1.71	19.02	1.76	18.71	1.79	18.47	1.81	17.79	1.87
	5	4.5	20.30	1.72	19.84	1.78	19.27	1.83	18.96	1.86	18.71	1.89	18.03	1.95
	10	9	20.66	1.76	20.20	1.82	19.62	1.87	19.30	1.91	19.04	1.93	18.35	1.99
	17	15	21.14	1.79	20.67	1.85	20.08	1.90	19.75	1.94	19.49	1.96	18.78	2.02
	20	19	23.56	1.89	23.03	1.95	22.37	2.01	22.01	2.05	21.71	2.07	20.93	2.14
	25	23	25.97	1.99	25.39	2.05	24.67	2.12	24.26	2.15	23.94	2.18	23.07	2.25
	30	28	28.99	2.11	28.35	2.18	27.54	2.25	27.09	2.29	26.73	2.32	25.75	2.39
	35	32	31.41	2.21	30.71	2.29	29.83	2.36	29.34	2.40	28.95	2.43	27.90	2.51
	40	36	33.83	2.31	33.07	2.39	32.12	2.47	31.60	2.51	31.18	2.54	30.05	2.62
	45	41	36.85	2.44	36.02	2.52	34.99	2.60	34.42	2.65	33.96	2.68	32.73	2.76
	47	43	38.05	2.49	37.20	2.57	36.14	2.65	35.55	2.70	35.08	2.74	33.80	2.82
	50	46	38.17	2.47	37.40	2.55	36.47	2.62	35.94	2.66	35.52	2.69	34.32	2.77
	55	51	38.35	2.45	37.72	2.51	37.02	2.57	36.59	2.60	36.25	2.62	35.18	2.68
	60	56	38.54	2.42	38.04	2.47	37.57	2.51	37.25	2.53	36.99	2.55	36.04	2.59
	63	59	38.65	2.41	38.23	2.44	37.90	2.48	37.64	2.49	37.43	2.50	36.56	2.53
	68	64	38.76	2.39	38.42	2.42	38.23	2.45	38.03	2.46	37.88	2.46	37.09	2.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 16: KUMXA361A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	20.13	1.57	19.68	1.62	19.12	1.68	18.80	1.70	18.55	1.73	17.88	1.78
	-4	-4.4	20.57	1.67	20.11	1.73	19.54	1.78	19.22	1.82	18.96	1.84	18.27	1.90
	0	-0.4	20.79	1.73	20.33	1.79	19.75	1.84	19.42	1.88	19.17	1.90	18.47	1.96
	5	4.5	21.07	1.80	20.60	1.86	20.01	1.92	19.68	1.95	19.42	1.98	18.71	2.04
	10	9	21.44	1.84	20.96	1.90	20.36	1.96	20.03	2.00	19.77	2.03	19.05	2.09
	17	15	21.94	1.87	21.45	1.93	20.84	2.00	20.50	2.03	20.23	2.06	19.49	2.12
	20	19	24.45	1.98	23.91	2.04	23.22	2.11	22.84	2.14	22.54	2.17	21.72	2.24
	25	23	26.96	2.08	26.36	2.15	25.60	2.22	25.19	2.26	24.85	2.29	23.95	2.36
	30	28	30.09	2.21	29.42	2.29	28.58	2.36	28.11	2.40	27.74	2.43	26.73	2.51
	35	32	32.60	2.32	31.87	2.40	30.96	2.47	30.46	2.52	30.05	2.55	28.96	2.63
	40	36	35.11	2.43	34.33	2.51	33.34	2.59	32.80	2.63	32.36	2.67	31.19	2.75
	45	41	38.25	2.56	37.39	2.64	36.32	2.73	35.73	2.77	35.25	2.81	33.97	2.89
	47	43	39.50	2.61	38.62	2.70	37.51	2.78	36.90	2.83	36.41	2.87	35.09	2.95
	50	46	39.61	2.59	38.82	2.67	37.86	2.75	37.31	2.79	36.87	2.82	35.62	2.90
	55	51	39.81	2.57	39.15	2.63	38.43	2.69	37.98	2.72	37.63	2.75	36.52	2.81
31	60	56	40.00	2.54	39.48	2.59	39.00	2.63	38.66	2.65	38.39	2.67	37.41	2.71
	63	59	40.12	2.52	39.68	2.56	39.34	2.60	39.07	2.61	38.85	2.62	37.95	2.66
	68	64	40.23	2.51	39.88	2.54	39.68	2.57	39.48	2.57	39.32	2.58	38.49	2.60
	-13	-13.4	20.86	1.64	20.40	1.70	19.82	1.75	19.49	1.78	19.23	1.81	18.53	1.86
	-4	-4.4	21.33	1.75	20.85	1.81	20.25	1.87	19.92	1.90	19.66	1.92	18.94	1.98
	0	-0.4	21.55	1.81	21.07	1.87	20.47	1.93	20.14	1.96	19.87	1.99	19.14	2.05
	5	4.5	21.84	1.88	21.35	1.95	20.74	2.01	20.40	2.04	20.13	2.07	19.40	2.13
	10	9	22.23	1.93	21.73	1.99	21.11	2.05	20.76	2.09	20.49	2.12	19.74	2.18
	17	15	22.75	1.96	22.24	2.02	21.60	2.09	21.25	2.12	20.97	2.15	20.21	2.22
	20	19	25.35	2.07	24.78	2.14	24.07	2.20	23.68	2.24	23.36	2.27	22.51	2.34
	25	23	27.95	2.18	27.32	2.25	26.54	2.32	26.11	2.36	25.76	2.39	24.82	2.47
	30	28	31.20	2.32	30.50	2.39	29.63	2.47	29.14	2.51	28.76	2.55	27.71	2.62
	35	32	33.80	2.43	33.04	2.51	32.10	2.59	31.57	2.63	31.15	2.67	30.02	2.75
	40	36	36.39	2.54	35.58	2.62	34.56	2.70	34.00	2.75	33.55	2.79	32.33	2.87
	45	41	39.64	2.67	38.76	2.76	37.65	2.85	37.04	2.90	36.54	2.94	35.21	3.03
	47	43	40.94	2.73	40.03	2.82	38.89	2.91	38.25	2.96	37.74	3.00	36.37	3.09
32	50	46	41.06	2.71	40.24	2.79	39.24	2.87	38.67	2.92	38.22	2.95	36.93	3.03
	55	51	41.26	2.68	40.58	2.75	39.83	2.82	39.37	2.85	39.01	2.87	37.85	2.93
	60	56	41.47	2.65	40.93	2.71	40.42	2.76	40.08	2.78	39.80	2.79	38.78	2.84
	63	59	41.59	2.64	41.13	2.68	40.78	2.72	40.50	2.73	40.27	2.75	39.34	2.78
	68	64	41.71	2.62	41.34	2.65	41.13	2.69	40.92	2.69	40.75	2.70	39.90	2.72
	-13	-13.4	21.60	1.72	21.12	1.78	20.51	1.84	20.18	1.87	19.91	1.89	19.19	1.95
	-4	-4.4	22.08	1.83	21.59	1.89	20.97	1.95	20.63	1.99	20.35	2.02	19.61	2.08
	0	-0.4	22.31	1.90	21.82	1.96	21.19	2.02	20.85	2.06	20.57	2.08	19.82	2.15
	5	4.5	22.61	1.97	22.10	2.04	21.47	2.10	21.12	2.14	20.84	2.17	20.08	2.23
	10	9	23.01	2.02	22.50	2.08	21.85	2.15	21.50	2.19	21.21	2.22	20.44	2.29
	17	15	23.55	2.05	23.02	2.12	22.37	2.19	22.00	2.22	21.71	2.25	20.92	2.32
	20	19	26.24	2.17	25.65	2.24	24.92	2.31	24.51	2.35	24.19	2.38	23.31	2.45
	25	23	28.93	2.28	28.29	2.36	27.48	2.43	27.03	2.47	26.67	2.51	25.70	2.58
	30	28	32.30	2.43	31.57	2.51	30.67	2.59	30.17	2.63	29.77	2.67	28.69	2.75
	35	32	34.99	2.54	34.21	2.63	33.23	2.71	32.69	2.76	32.25	2.79	31.08	2.88
	40	36	37.68	2.66	36.84	2.74	35.78	2.83	35.20	2.88	34.73	2.92	33.47	3.01
	45	41	41.04	2.80	40.13	2.89	38.98	2.99	38.34	3.04	37.83	3.08	36.46	3.17
	47	43	42.39	2.86	41.44	2.95	40.26	3.05	39.60	3.10	39.07	3.14	37.65	3.24
	50	46	42.51	2.84	41.66	2.93	40.62	3.01	40.04	3.06	39.57	3.09	38.23	3.18
	55	51	42.72	2.81	42.01	2.88	41.24	2.95	40.76	2.98	40.38	3.01	39.19	3.07
	60	56	42.93	2.78	42.37	2.83	41.85	2.89	41.49	2.91	41.20	2.93	40.15	2.97
	63	59	43.05	2.76	42.58	2.81	42.22	2.85	41.93	2.86	41.70	2.88	40.73	2.91
	68	64	43.18	2.74	42.80	2.78	42.59	2.81	42.37	2.82	42.19	2.83	41.31	2.85

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 17: KUMXA361A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	22.34	1.81	21.84	1.86	21.21	1.92	20.87	1.96	20.59	1.98	19.84	2.04
	-4	-4.4	22.83	1.92	22.32	1.99	21.68	2.05	21.33	2.08	21.05	2.11	20.28	2.18
	0	-0.4	23.07	1.99	22.56	2.05	21.91	2.12	21.56	2.16	21.27	2.18	20.50	2.25
	5	4.5	23.38	2.07	22.86	2.14	22.20	2.21	21.84	2.24	21.55	2.27	20.77	2.34
	10	9	23.80	2.12	23.26	2.19	22.60	2.26	22.23	2.29	21.93	2.33	21.14	2.40
	17	15	24.35	2.15	23.81	2.22	23.13	2.29	22.75	2.33	22.45	2.36	21.63	2.43
	20	19	27.14	2.27	26.53	2.35	25.77	2.42	25.35	2.46	25.01	2.50	24.10	2.57
	25	23	29.92	2.39	29.25	2.47	28.41	2.55	27.95	2.59	27.58	2.63	26.58	2.71
	30	28	33.40	2.54	32.65	2.63	31.72	2.71	31.20	2.76	30.79	2.80	29.67	2.88
	35	32	36.18	2.66	35.37	2.75	34.36	2.84	33.80	2.89	33.35	2.93	32.14	3.02
	40	36	38.96	2.79	38.09	2.88	37.00	2.97	36.40	3.02	35.92	3.06	34.61	3.15
	45	41	42.44	2.94	41.49	3.03	40.31	3.13	39.65	3.18	39.12	3.23	37.70	3.32
	47	43	43.83	3.00	42.85	3.10	41.63	3.19	40.95	3.25	40.41	3.29	38.94	3.39
	50	46	43.96	2.98	43.08	3.07	42.01	3.16	41.40	3.20	40.91	3.24	39.53	3.33
	55	51	44.18	2.95	43.45	3.02	42.64	3.09	42.15	3.13	41.76	3.15	40.53	3.22
34	60	56	44.39	2.92	43.81	2.97	43.28	3.03	42.91	3.05	42.61	3.07	41.52	3.11
	63	59	44.52	2.90	44.04	2.94	43.66	2.99	43.36	3.00	43.12	3.01	42.12	3.05
	68	64	44.65	2.88	44.26	2.91	44.04	2.95	43.81	2.96	43.63	2.96	42.72	2.99
	-13	-13.4	23.07	1.88	22.56	1.95	21.91	2.01	21.56	2.04	21.27	2.07	20.50	2.13
	-4	-4.4	23.58	2.01	23.06	2.07	22.40	2.14	22.03	2.17	21.74	2.20	20.95	2.27
	0	-0.4	23.84	2.07	23.30	2.14	22.64	2.21	22.27	2.25	21.97	2.28	21.17	2.35
	5	4.5	24.15	2.16	23.61	2.23	22.93	2.30	22.56	2.34	22.26	2.37	21.45	2.44
	10	9	24.58	2.21	24.03	2.28	23.34	2.35	22.96	2.39	22.66	2.43	21.83	2.50
	17	15	25.16	2.24	24.59	2.32	23.89	2.39	23.50	2.43	23.19	2.46	22.34	2.54
	20	19	28.03	2.37	27.40	2.45	26.62	2.53	26.19	2.57	25.84	2.60	24.90	2.68
	25	23	30.90	2.49	30.21	2.58	29.35	2.66	28.87	2.71	28.49	2.74	27.45	2.82
	30	28	34.50	2.65	33.73	2.74	32.76	2.83	32.23	2.88	31.80	2.92	30.64	3.00
	35	32	37.37	2.78	36.54	2.87	35.49	2.96	34.91	3.01	34.45	3.05	33.20	3.15
	40	36	40.25	2.91	39.35	3.00	38.22	3.10	37.60	3.15	37.10	3.19	35.75	3.29
	45	41	43.84	3.06	42.86	3.16	41.64	3.27	40.96	3.32	40.41	3.37	38.94	3.47
	47	43	45.28	3.13	44.27	3.23	43.00	3.33	42.30	3.39	41.74	3.44	40.22	3.54
35	50	46	45.41	3.11	44.50	3.20	43.39	3.29	42.77	3.34	42.26	3.38	40.84	3.47
	55	51	45.63	3.07	44.88	3.15	44.05	3.22	43.54	3.26	43.14	3.29	41.86	3.36
	60	56	45.86	3.04	45.26	3.10	44.70	3.16	44.32	3.18	44.01	3.20	42.89	3.25
	63	59	45.99	3.02	45.49	3.07	45.09	3.12	44.79	3.13	44.54	3.14	43.50	3.18
	68	64	46.12	3.00	45.72	3.04	45.49	3.08	45.26	3.08	45.07	3.09	44.13	3.12
	-13	-13.4	23.81	1.97	23.28	2.03	22.61	2.10	22.24	2.13	21.95	2.16	21.15	2.23
	-4	-4.4	24.34	2.09	23.79	2.16	23.11	2.23	22.74	2.27	22.43	2.30	21.62	2.37
	0	-0.4	24.60	2.16	24.05	2.24	23.36	2.31	22.98	2.35	22.67	2.38	21.85	2.45
	5	4.5	24.92	2.25	24.36	2.33	23.67	2.40	23.28	2.44	22.97	2.48	22.14	2.55
	10	9	25.36	2.30	24.80	2.38	24.09	2.46	23.70	2.50	23.38	2.53	22.53	2.61
	17	15	25.96	2.34	25.38	2.42	24.65	2.50	24.25	2.54	23.93	2.57	23.06	2.65
	20	19	28.92	2.47	28.28	2.56	27.47	2.64	27.02	2.68	26.66	2.72	25.69	2.80
	25	23	31.89	2.61	31.18	2.69	30.29	2.78	29.79	2.83	29.40	2.86	28.33	2.95
	30	28	35.60	2.77	34.80	2.86	33.81	2.95	33.26	3.00	32.82	3.04	31.62	3.14
	35	32	38.57	2.90	37.70	3.00	36.63	3.09	36.03	3.15	35.55	3.19	34.26	3.29
	40	36	41.53	3.03	40.60	3.13	39.44	3.23	38.80	3.29	38.28	3.33	36.89	3.43
	45	41	45.24	3.20	44.23	3.30	42.97	3.41	42.26	3.47	41.70	3.52	40.19	3.62
	47	43	46.72	3.26	45.68	3.37	44.38	3.48	43.65	3.54	43.07	3.59	41.50	3.70
	50	46	46.86	3.24	45.92	3.34	44.78	3.44	44.13	3.49	43.61	3.53	42.14	3.63
	55	51	47.09	3.21	46.31	3.29	45.45	3.37	44.93	3.40	44.52	3.44	43.20	3.51
	60	56	47.32	3.18	46.70	3.24	46.13	3.30	45.73	3.32	45.42	3.34	44.26	3.39
	63	59	47.46	3.15	46.94	3.21	46.53	3.25	46.21	3.27	45.96	3.28	44.89	3.32
	68	64	47.59	3.13	47.18	3.17	46.94	3.21	46.70	3.22	46.51	3.23	45.54	3.25

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 18: KUMXA361A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58
	45	41	46.64	3.33	45.60	3.44	44.30	3.55	43.57	3.62	42.99	3.66	41.43	3.77
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
37	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39
	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58
	45	41	46.64	3.33	45.60	3.44	44.30	3.55	43.57	3.62	42.99	3.66	41.43	3.77
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
38	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39
	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 19: KUMXA361A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58
	45	41	46.64	3.33	45.60	3.44	44.30	3.55	43.57	3.62	42.99	3.66	41.43	3.77
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
40	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39
	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58
	45	41	46.64	3.33	45.60	3.44	44.30	3.55	43.57	3.62	42.99	3.66	41.43	3.77
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
41	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39
	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58
	45	41	46.64	3.33	45.60	3.44	44.30	3.55	43.57	3.62	42.99	3.66	41.43	3.77
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 20: KUMXA361A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58
	45	41	46.64	3.33	45.60	3.44	44.30	3.55	43.57	3.62	42.99	3.66	41.43	3.77
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
43	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39
	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58
	45	41	46.64	3.33	45.60	3.44	44.30	3.55	43.57	3.62	42.99	3.66	41.43	3.77
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
44	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39
	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58
	45	41	46.64	3.33	45.60	3.44	44.30	3.55	43.57	3.62	42.99	3.66	41.43	3.77
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 21: KUMXA361A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58
	45	41	46.64	3.33	45.60	3.44	44.30	3.55	43.57	3.62	42.99	3.66	41.43	3.77
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
46	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39
	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58
	45	41	46.64	3.33	45.60	3.44	44.30	3.55	43.57	3.62	42.99	3.66	41.43	3.77
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
47	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39
	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58
	45	41	46.64	3.33	45.60	3.44	44.30	3.55	43.57	3.62	42.99	3.66	41.43	3.77
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 22: KUMXA361A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	24.55	2.05	24.00	2.12	23.31	2.19	22.93	2.22	22.63	2.25	21.80	2.32
	-4	-4.4	25.09	2.18	24.53	2.25	23.83	2.33	23.44	2.37	23.13	2.40	22.29	2.47
	0	-0.4	25.36	2.26	24.79	2.33	24.08	2.41	23.69	2.45	23.37	2.48	22.52	2.55
	5	4.5	25.69	2.35	25.12	2.43	24.40	2.50	24.00	2.55	23.68	2.58	22.82	2.66
	10	9	26.15	2.40	25.56	2.48	24.83	2.56	24.43	2.61	24.10	2.64	23.23	2.72
	17	15	26.76	2.44	26.16	2.52	25.42	2.60	25.00	2.65	24.67	2.68	23.77	2.76
	20	19	29.82	2.58	29.15	2.66	28.32	2.75	27.86	2.80	27.49	2.83	26.49	2.92
	25	23	32.88	2.72	32.14	2.81	31.22	2.90	30.71	2.95	30.31	2.98	29.20	3.07
	30	28	36.70	2.89	35.88	2.98	34.86	3.08	34.29	3.13	33.83	3.17	32.60	3.27
	35	32	39.76	3.02	38.87	3.12	37.76	3.22	37.14	3.28	36.65	3.32	35.32	3.42
	40	36	42.82	3.16	41.86	3.27	40.66	3.37	40.00	3.43	39.47	3.48	38.03	3.58
	45	41	46.64	3.33	45.60	3.44	44.30	3.55	43.57	3.62	42.99	3.66	41.43	3.77
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 23: KUMXA361A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	10.59	0.83	10.36	0.85	10.06	0.88	9.90	0.89	9.77	0.91	9.41	0.94
	-4	-4.4	11.29	0.88	11.04	0.91	10.72	0.94	10.55	0.96	10.41	0.97	10.03	1.00
	0	-0.4	11.63	0.91	11.37	0.94	11.05	0.97	10.87	0.99	10.73	1.00	10.34	1.03
	5	4.5	12.07	0.95	11.79	0.98	11.46	1.01	11.27	1.03	11.12	1.04	10.72	1.07
	10	9	12.66	1.04	12.37	1.07	12.02	1.11	11.83	1.13	11.67	1.14	11.24	1.18
	17	15	13.45	1.11	13.14	1.15	12.77	1.18	12.56	1.20	12.40	1.22	11.94	1.26
	20	19	14.69	1.13	14.36	1.16	13.95	1.20	13.72	1.22	13.54	1.24	13.05	1.28
	25	23	15.93	1.14	15.58	1.18	15.13	1.22	14.89	1.24	14.69	1.25	14.15	1.30
	30	28	17.49	1.17	17.10	1.20	16.61	1.24	16.34	1.26	16.12	1.28	15.54	1.32
	35	32	18.74	1.18	18.32	1.22	17.79	1.26	17.51	1.28	17.27	1.30	16.65	1.34
	40	36	19.98	1.20	19.54	1.24	18.98	1.28	18.67	1.30	18.42	1.32	17.75	1.36
	45	41	21.54	1.22	21.06	1.26	20.46	1.30	20.12	1.32	19.86	1.34	19.13	1.38
	47	43	22.16	1.23	21.66	1.27	21.04	1.31	20.70	1.33	20.42	1.35	19.68	1.39
	50	46	22.22	1.22	21.77	1.26	21.24	1.29	20.93	1.31	20.68	1.33	19.98	1.36
	55	51	22.33	1.21	21.96	1.24	21.56	1.27	21.31	1.28	21.11	1.29	20.49	1.32
	60	56	22.44	1.20	22.15	1.22	21.88	1.24	21.69	1.25	21.54	1.26	20.99	1.28
	63	59	22.51	1.19	22.26	1.21	22.07	1.23	21.92	1.23	21.80	1.24	21.29	1.25
	68	64	22.57	1.18	22.37	1.20	22.26	1.21	22.15	1.21	22.06	1.22	21.59	1.23
19	-13	-13.4	11.28	0.89	11.03	0.92	10.71	0.95	10.54	0.97	10.40	0.98	10.02	1.01
	-4	-4.4	12.03	0.95	11.76	0.98	11.43	1.01	11.24	1.03	11.09	1.04	10.69	1.07
	0	-0.4	12.39	0.98	12.12	1.01	11.77	1.04	11.58	1.06	11.42	1.08	11.01	1.11
	5	4.5	12.85	1.02	12.57	1.05	12.21	1.09	12.01	1.11	11.85	1.12	11.42	1.16
	10	9	13.48	1.12	13.18	1.16	12.81	1.20	12.60	1.22	12.43	1.23	11.98	1.27
	17	15	14.32	1.20	14.00	1.23	13.60	1.27	13.38	1.30	13.20	1.32	12.72	1.35
	20	19	15.65	1.22	15.30	1.25	14.86	1.29	14.62	1.31	14.42	1.33	13.90	1.37
	25	23	16.97	1.23	16.59	1.27	16.12	1.31	15.86	1.34	15.65	1.35	15.08	1.40
	30	28	18.63	1.26	18.22	1.30	17.70	1.34	17.41	1.36	17.18	1.38	16.55	1.42
	35	32	19.96	1.28	19.51	1.32	18.95	1.36	18.65	1.38	18.40	1.40	17.73	1.44
	40	36	21.28	1.29	20.81	1.34	20.22	1.38	19.88	1.40	19.62	1.42	18.91	1.47
	45	41	22.94	1.31	22.43	1.36	21.79	1.40	21.43	1.43	21.15	1.45	20.38	1.49
	47	43	23.60	1.32	23.08	1.37	22.42	1.41	22.05	1.44	21.76	1.46	20.97	1.50
	50	46	23.67	1.32	23.19	1.36	22.62	1.40	22.29	1.42	22.03	1.44	21.29	1.47
	55	51	23.79	1.30	23.39	1.33	22.96	1.37	22.70	1.38	22.49	1.40	21.82	1.43
	60	56	23.90	1.29	23.59	1.31	23.30	1.34	23.10	1.35	22.94	1.35	22.36	1.38
	63	59	23.97	1.28	23.71	1.30	23.51	1.32	23.35	1.33	23.22	1.33	22.68	1.35
	68	64	24.04	1.27	23.83	1.29	23.71	1.30	23.59	1.31	23.49	1.31	23.00	1.32
20	-13	-13.4	11.97	0.95	11.71	0.98	11.37	1.02	11.18	1.04	11.04	1.05	10.64	1.08
	-4	-4.4	12.77	1.02	12.48	1.05	12.12	1.08	11.93	1.10	11.77	1.11	11.34	1.15
	0	-0.4	13.16	1.05	12.86	1.08	12.49	1.12	12.29	1.14	12.12	1.15	11.68	1.19
	5	4.5	13.64	1.09	13.33	1.13	12.96	1.16	12.74	1.18	12.57	1.20	12.12	1.24
	10	9	14.31	1.20	13.99	1.24	13.59	1.28	13.37	1.30	13.19	1.32	12.71	1.36
	17	15	15.20	1.28	14.86	1.32	14.44	1.36	14.20	1.39	14.01	1.41	13.50	1.45
	20	19	16.61	1.30	16.24	1.34	15.77	1.39	15.52	1.41	15.31	1.42	14.75	1.47
	25	23	18.02	1.32	17.61	1.36	17.11	1.40	16.83	1.43	16.61	1.45	16.00	1.49
	30	28	19.77	1.34	19.33	1.39	18.78	1.43	18.47	1.45	18.23	1.47	17.56	1.52
	35	32	21.18	1.36	20.71	1.41	20.12	1.46	19.78	1.48	19.52	1.50	18.81	1.54
	40	36	22.59	1.38	22.08	1.43	21.45	1.47	21.10	1.50	20.82	1.52	20.07	1.56
	45	41	24.35	1.41	23.80	1.45	23.12	1.50	22.75	1.53	22.44	1.55	21.63	1.60
	47	43	25.05	1.42	24.49	1.46	23.79	1.51	23.40	1.54	23.09	1.56	22.25	1.60
	50	46	25.12	1.41	24.61	1.45	24.01	1.49	23.66	1.52	23.38	1.54	22.59	1.58
	55	51	25.24	1.39	24.83	1.43	24.37	1.46	24.09	1.48	23.86	1.49	23.16	1.53
	60	56	25.37	1.38	25.04	1.41	24.73	1.43	24.52	1.44	24.35	1.45	23.73	1.47
	63	59	25.44	1.37	25.16	1.39	24.95	1.41	24.78	1.42	24.64	1.42	24.07	1.44
	68	64	25.51	1.36	25.29	1.38	25.16	1.40	25.04	1.40	24.93	1.40	24.41	1.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 24: KUMXA361A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	12.66	1.02	12.38	1.05	12.03	1.08	11.83	1.10	11.67	1.12	11.25	1.15
	-4	-4.4	13.50	1.08	13.20	1.12	12.83	1.16	12.61	1.18	12.45	1.19	11.99	1.23
	0	-0.4	13.91	1.12	13.60	1.16	13.21	1.20	13.00	1.22	12.83	1.23	12.36	1.27
	5	4.5	14.43	1.17	14.10	1.21	13.70	1.24	13.48	1.26	13.30	1.28	12.81	1.32
	10	9	15.13	1.28	14.79	1.32	14.37	1.37	14.14	1.39	13.95	1.41	13.44	1.45
	17	15	16.08	1.36	15.72	1.41	15.27	1.46	15.02	1.48	14.82	1.50	14.28	1.55
	20	19	17.56	1.39	17.17	1.43	16.68	1.48	16.41	1.50	16.19	1.53	15.60	1.57
	25	23	19.05	1.41	18.63	1.46	18.09	1.50	17.80	1.53	17.56	1.55	16.92	1.59
	30	28	20.92	1.43	20.44	1.48	19.86	1.53	19.54	1.56	19.28	1.58	18.58	1.62
	35	32	22.40	1.46	21.90	1.50	21.28	1.55	20.93	1.58	20.65	1.60	19.90	1.65
	40	36	23.89	1.48	23.36	1.53	22.69	1.57	22.32	1.60	22.02	1.62	21.22	1.67
	45	41	25.75	1.50	25.18	1.55	24.46	1.61	24.06	1.63	23.74	1.65	22.88	1.70
	47	43	26.49	1.52	25.90	1.57	25.16	1.61	24.75	1.64	24.42	1.66	23.53	1.72
	50	46	26.57	1.51	26.03	1.55	25.39	1.60	25.02	1.62	24.73	1.64	23.89	1.68
	55	51	26.70	1.49	26.26	1.53	25.77	1.56	25.48	1.58	25.24	1.59	24.49	1.63
22	60	56	26.83	1.47	26.48	1.50	26.16	1.53	25.93	1.54	25.75	1.55	25.09	1.58
	63	59	26.91	1.46	26.61	1.49	26.38	1.51	26.20	1.52	26.06	1.52	25.45	1.54
	68	64	26.99	1.45	26.75	1.47	26.62	1.49	26.48	1.49	26.37	1.50	25.82	1.51
	-13	-13.4	13.36	1.08	13.06	1.12	12.68	1.15	12.48	1.18	12.31	1.19	11.87	1.23
	-4	-4.4	14.24	1.15	13.92	1.19	13.52	1.23	13.30	1.25	13.12	1.27	12.65	1.30
	0	-0.4	14.67	1.19	14.34	1.23	13.94	1.27	13.71	1.29	13.53	1.31	13.03	1.35
	5	4.5	15.21	1.24	14.87	1.28	14.45	1.32	14.21	1.35	14.03	1.37	13.52	1.41
	10	9	15.96	1.37	15.60	1.41	15.15	1.46	14.91	1.48	14.71	1.50	14.17	1.55
	17	15	16.95	1.45	16.57	1.50	16.10	1.55	15.84	1.58	15.63	1.60	15.06	1.65
	20	19	18.52	1.48	18.11	1.53	17.59	1.57	17.30	1.60	17.07	1.62	16.45	1.67
	25	23	20.09	1.50	19.64	1.55	19.08	1.60	18.77	1.63	18.52	1.65	17.85	1.69
	30	28	22.06	1.53	21.56	1.58	20.95	1.63	20.61	1.65	20.33	1.68	19.59	1.73
	35	32	23.62	1.55	23.09	1.60	22.44	1.65	22.07	1.68	21.78	1.70	20.98	1.76
	40	36	25.19	1.57	24.63	1.62	23.93	1.68	23.54	1.70	23.22	1.73	22.38	1.78
	45	41	27.16	1.60	26.55	1.65	25.79	1.70	25.37	1.73	25.03	1.76	24.12	1.81
	47	43	27.94	1.61	27.31	1.66	26.53	1.72	26.10	1.75	25.75	1.77	24.82	1.82
23	50	46	28.02	1.60	27.46	1.65	26.78	1.70	26.39	1.72	26.08	1.75	25.20	1.79
	55	51	28.16	1.59	27.69	1.62	27.18	1.66	26.87	1.68	26.62	1.70	25.83	1.73
	60	56	28.29	1.57	27.93	1.60	27.58	1.63	27.35	1.64	27.16	1.65	26.46	1.67
	63	59	28.38	1.56	28.07	1.58	27.82	1.61	27.63	1.61	27.48	1.62	26.84	1.64
	68	64	28.46	1.55	28.21	1.57	28.07	1.59	27.92	1.59	27.81	1.59	27.23	1.61
	-13	-13.4	14.04	1.15	13.73	1.19	13.34	1.22	13.12	1.24	12.95	1.26	12.48	1.30
	-4	-4.4	14.97	1.22	14.64	1.26	14.22	1.30	13.99	1.33	13.80	1.34	13.30	1.39
	0	-0.4	15.43	1.26	15.08	1.30	14.65	1.35	14.42	1.37	14.22	1.39	13.71	1.43
	5	4.5	16.00	1.32	15.64	1.36	15.19	1.40	14.95	1.43	14.75	1.44	14.21	1.49
	10	9	16.78	1.45	16.41	1.49	15.94	1.54	15.68	1.57	15.47	1.59	14.91	1.64
	17	15	17.83	1.54	17.43	1.59	16.93	1.64	16.66	1.67	16.44	1.69	15.84	1.74
	20	19	19.48	1.56	19.04	1.62	18.50	1.67	18.20	1.70	17.96	1.72	17.30	1.77
	25	23	21.13	1.59	20.66	1.64	20.07	1.69	19.74	1.72	19.48	1.75	18.77	1.80
	30	28	23.20	1.62	22.68	1.67	22.03	1.73	21.67	1.75	21.38	1.78	20.61	1.83
	35	32	24.84	1.64	24.29	1.70	23.59	1.75	23.21	1.78	22.90	1.81	22.07	1.86
	40	36	26.50	1.67	25.90	1.72	25.17	1.78	24.75	1.81	24.43	1.83	23.54	1.89
	45	41	28.56	1.70	27.92	1.75	27.12	1.81	26.68	1.84	26.33	1.87	25.37	1.92
	47	43	29.38	1.71	28.73	1.77	27.91	1.82	27.45	1.85	27.09	1.88	26.10	1.94
	50	46	29.47	1.70	28.88	1.75	28.16	1.80	27.75	1.82	27.43	1.85	26.50	1.90
	55	51	29.61	1.68	29.12	1.72	28.58	1.76	28.26	1.78	27.99	1.80	27.17	1.83
	60	56	29.76	1.66	29.37	1.69	29.01	1.73	28.76	1.74	28.56	1.75	27.83	1.78
	63	59	29.84	1.65	29.52	1.68	29.26	1.70	29.06	1.71	28.90	1.72	28.23	1.74
	68	64	29.93	1.64	29.67	1.66	29.52	1.68	29.37	1.68	29.25	1.69	28.64	1.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 25: KUMXA361A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	14.74	1.22	14.41	1.26	14.00	1.30	13.77	1.32	13.58	1.34	13.09	1.38
	-4	-4.4	15.71	1.30	15.36	1.34	14.92	1.39	14.68	1.41	14.48	1.43	13.95	1.47
	0	-0.4	16.19	1.34	15.83	1.39	15.37	1.43	15.12	1.45	14.92	1.47	14.38	1.52
	5	4.5	16.79	1.40	16.41	1.44	15.95	1.49	15.68	1.52	15.48	1.54	14.91	1.58
	10	9	17.61	1.54	17.21	1.59	16.72	1.64	16.45	1.67	16.23	1.69	15.64	1.74
	17	15	18.71	1.64	18.29	1.69	17.77	1.74	17.47	1.77	17.24	1.80	16.61	1.85
	20	19	20.44	1.66	19.98	1.71	19.41	1.77	19.09	1.80	18.84	1.83	18.15	1.88
	25	23	22.17	1.69	21.67	1.74	21.05	1.80	20.71	1.83	20.44	1.85	19.69	1.91
	30	28	24.34	1.72	23.79	1.77	23.11	1.83	22.73	1.87	22.43	1.89	21.61	1.94
	35	32	26.07	1.75	25.49	1.80	24.76	1.86	24.35	1.89	24.03	1.92	23.15	1.97
	40	36	27.80	1.77	27.18	1.83	26.40	1.89	25.97	1.92	25.63	1.95	24.69	2.00
	45	41	29.96	1.80	29.29	1.86	28.46	1.92	28.00	1.95	27.62	1.98	26.61	2.04
	47	43	30.83	1.82	30.14	1.87	29.28	1.93	28.80	1.97	28.42	2.00	27.38	2.05
	50	46	30.92	1.80	30.30	1.86	29.55	1.91	29.12	1.94	28.77	1.96	27.80	2.02
	55	51	31.07	1.79	30.55	1.83	29.99	1.87	29.65	1.89	29.37	1.91	28.50	1.95
	60	56	31.22	1.77	30.81	1.80	30.44	1.83	30.18	1.84	29.97	1.86	29.20	1.88
25	63	59	31.31	1.75	30.97	1.78	30.70	1.81	30.49	1.82	30.32	1.83	29.62	1.85
	68	64	31.40	1.74	31.13	1.77	30.97	1.79	30.81	1.79	30.69	1.80	30.04	1.81
	-13	-13.4	15.43	1.29	15.08	1.34	14.65	1.38	14.41	1.40	14.22	1.42	13.70	1.46
	-4	-4.4	16.45	1.38	16.08	1.42	15.62	1.46	15.36	1.49	15.16	1.51	14.61	1.56
	0	-0.4	16.95	1.42	16.57	1.47	16.09	1.52	15.83	1.54	15.62	1.56	15.05	1.61
	5	4.5	17.57	1.48	17.18	1.53	16.69	1.58	16.42	1.60	16.20	1.62	15.61	1.68
	10	9	18.43	1.63	18.02	1.68	17.51	1.73	17.22	1.77	16.99	1.79	16.37	1.84
	17	15	19.58	1.73	19.14	1.79	18.60	1.84	18.29	1.88	18.05	1.90	17.40	1.96
	20	19	21.40	1.76	20.92	1.82	20.32	1.87	19.99	1.91	19.72	1.93	19.01	1.99
	25	23	23.21	1.79	22.69	1.85	22.04	1.90	21.68	1.94	21.40	1.96	20.62	2.02
	30	28	25.48	1.82	24.91	1.88	24.19	1.94	23.80	1.97	23.49	2.00	22.63	2.06
	35	32	27.29	1.85	26.68	1.91	25.92	1.97	25.50	2.00	25.16	2.03	24.24	2.09
	40	36	29.10	1.88	28.45	1.94	27.64	2.00	27.19	2.03	26.82	2.06	25.85	2.12
	45	41	31.37	1.91	30.67	1.97	29.79	2.03	29.30	2.07	28.91	2.09	27.87	2.16
	47	43	32.27	1.92	31.55	1.99	30.65	2.05	30.15	2.08	29.75	2.11	28.67	2.18
	50	46	32.37	1.91	31.72	1.97	30.93	2.02	30.48	2.05	30.12	2.07	29.11	2.13
26	55	51	32.53	1.89	31.99	1.93	31.40	1.98	31.04	2.00	30.75	2.02	29.84	2.06
	60	56	32.68	1.87	32.26	1.90	31.86	1.94	31.59	1.95	31.37	1.97	30.57	2.00
	63	59	32.78	1.86	32.42	1.88	32.14	1.91	31.92	1.92	31.75	1.93	31.01	1.96
	68	64	32.87	1.84	32.59	1.87	32.42	1.89	32.26	1.89	32.12	1.90	31.45	1.91
	-13	-13.4	16.12	1.36	15.76	1.41	15.31	1.45	15.06	1.47	14.86	1.49	14.32	1.54
	-4	-4.4	17.18	1.45	16.80	1.49	16.32	1.54	16.05	1.57	15.84	1.59	15.26	1.64
	0	-0.4	17.71	1.49	17.31	1.55	16.82	1.60	16.54	1.62	16.32	1.64	15.73	1.69
	5	4.5	18.36	1.56	17.95	1.61	17.44	1.66	17.15	1.69	16.93	1.71	16.31	1.76
	10	9	19.26	1.71	18.83	1.77	18.29	1.82	17.99	1.86	17.75	1.88	17.11	1.94
	17	15	20.46	1.82	20.00	1.88	19.43	1.94	19.11	1.98	18.86	2.00	18.17	2.06
	20	19	22.35	1.85	21.86	1.91	21.23	1.97	20.88	2.01	20.60	2.03	19.86	2.10
	25	23	24.25	1.88	23.71	1.94	23.03	2.00	22.65	2.04	22.35	2.07	21.54	2.13
	30	28	26.62	1.92	26.02	1.98	25.28	2.04	24.87	2.08	24.53	2.11	23.64	2.17
	35	32	28.51	1.94	27.87	2.01	27.08	2.07	26.64	2.11	26.28	2.14	25.32	2.20
	40	36	30.40	1.97	29.72	2.03	28.88	2.10	28.41	2.14	28.03	2.17	27.01	2.23
	45	41	32.77	2.01	32.04	2.08	31.13	2.14	30.62	2.18	30.21	2.20	29.11	2.27
	47	43	33.72	2.02	32.97	2.09	32.02	2.15	31.50	2.19	31.08	2.22	29.95	2.29
	50	46	33.82	2.01	33.14	2.07	32.32	2.13	31.85	2.16	31.47	2.18	30.41	2.25
	55	51	33.98	1.99	33.42	2.04	32.80	2.09	32.43	2.11	32.12	2.13	31.17	2.17
	60	56	34.15	1.97	33.70	2.00	33.29	2.04	33.00	2.06	32.78	2.07	31.94	2.10
	63	59	34.25	1.95	33.87	1.98	33.58	2.01	33.35	2.02	33.17	2.03	32.40	2.06
	68	64	34.35	1.94	34.04	1.97	33.88	1.99	33.70	1.99	33.56	2.00	32.86	2.01

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 26: KUMXA361A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	16.81	1.44	16.43	1.48	15.96	1.53	15.70	1.56	15.50	1.58	14.93	1.62
	-4	-4.4	17.92	1.53	17.52	1.58	17.02	1.63	16.74	1.66	16.52	1.68	15.92	1.73
	0	-0.4	18.46	1.58	18.05	1.63	17.54	1.69	17.25	1.72	17.02	1.74	16.40	1.79
	5	4.5	19.15	1.64	18.72	1.70	18.18	1.76	17.89	1.78	17.65	1.81	17.01	1.86
	10	9	20.09	1.81	19.63	1.87	19.08	1.93	18.76	1.96	18.52	1.99	17.84	2.05
	17	15	21.34	1.93	20.86	1.99	20.26	2.05	19.93	2.09	19.67	2.12	18.95	2.18
	20	19	23.31	1.95	22.79	2.02	22.14	2.09	21.78	2.12	21.49	2.15	20.71	2.22
	25	23	25.29	1.99	24.72	2.06	24.01	2.12	23.62	2.16	23.31	2.18	22.46	2.25
	30	28	27.76	2.03	27.14	2.09	26.36	2.16	25.93	2.20	25.59	2.23	24.66	2.29
	35	32	29.73	2.05	29.07	2.12	28.24	2.19	27.77	2.23	27.41	2.26	26.41	2.32
	40	36	31.71	2.08	31.00	2.15	30.12	2.22	29.62	2.26	29.23	2.29	28.16	2.36
	45	41	34.18	2.12	33.42	2.19	32.46	2.26	31.93	2.30	31.50	2.33	30.36	2.40
	47	43	35.16	2.14	34.38	2.21	33.40	2.28	32.85	2.32	32.41	2.35	31.23	2.42
	50	46	35.27	2.13	34.56	2.19	33.70	2.25	33.21	2.29	32.82	2.31	31.71	2.37
	55	51	35.44	2.10	34.85	2.15	34.21	2.20	33.82	2.23	33.50	2.25	32.51	2.30
28	60	56	35.61	2.08	35.15	2.12	34.72	2.16	34.42	2.17	34.18	2.19	33.31	2.22
	63	59	35.71	2.06	35.33	2.10	35.02	2.13	34.78	2.14	34.59	2.15	33.78	2.18
	68	64	35.82	2.05	35.50	2.08	35.33	2.10	35.15	2.11	35.00	2.11	34.27	2.13
	-13	-13.4	17.50	1.51	17.11	1.56	16.62	1.61	16.35	1.63	16.13	1.66	15.54	1.71
	-4	-4.4	18.66	1.60	18.24	1.66	17.72	1.71	17.43	1.74	17.20	1.76	16.57	1.82
	0	-0.4	19.22	1.66	18.79	1.72	18.26	1.77	17.96	1.80	17.72	1.82	17.08	1.88
	5	4.5	19.93	1.73	19.49	1.78	18.93	1.84	18.62	1.87	18.38	1.90	17.71	1.96
	10	9	20.91	1.90	20.44	1.96	19.86	2.03	19.54	2.06	19.28	2.09	18.57	2.15
	17	15	22.21	2.02	21.71	2.09	21.10	2.16	20.75	2.20	20.48	2.22	19.73	2.29
	20	19	24.27	2.06	23.73	2.12	23.05	2.19	22.67	2.23	22.37	2.26	21.56	2.33
	25	23	26.33	2.08	25.74	2.16	25.00	2.22	24.59	2.26	24.27	2.29	23.39	2.36
	30	28	28.90	2.12	28.25	2.20	27.44	2.27	27.00	2.30	26.64	2.33	25.67	2.41
	35	32	30.96	2.16	30.26	2.23	29.40	2.30	28.92	2.34	28.53	2.37	27.50	2.44
	40	36	33.01	2.19	32.27	2.26	31.35	2.33	30.84	2.37	30.43	2.40	29.33	2.48
	45	41	35.58	2.23	34.79	2.30	33.79	2.38	33.24	2.42	32.80	2.45	31.61	2.52
	47	43	36.61	2.24	35.79	2.32	34.77	2.39	34.20	2.43	33.75	2.46	32.52	2.54
29	50	46	36.72	2.23	35.98	2.30	35.09	2.36	34.58	2.40	34.17	2.42	33.02	2.49
	55	51	36.90	2.21	36.28	2.26	35.61	2.31	35.20	2.34	34.88	2.36	33.85	2.41
	60	56	37.07	2.18	36.59	2.22	36.14	2.26	35.83	2.28	35.59	2.30	34.68	2.33
	63	59	37.18	2.17	36.78	2.20	36.46	2.23	36.21	2.24	36.01	2.25	35.17	2.28
	68	64	37.29	2.16	36.96	2.18	36.78	2.21	36.59	2.21	36.44	2.22	35.68	2.23
	-13	-13.4	18.19	1.58	17.78	1.64	17.28	1.69	17.00	1.72	16.76	1.74	16.16	1.79
	-4	-4.4	19.39	1.69	18.96	1.74	18.42	1.80	18.12	1.83	17.88	1.86	17.23	1.91
	0	-0.4	19.98	1.74	19.53	1.80	18.98	1.86	18.67	1.89	18.42	1.91	17.75	1.97
	5	4.5	20.72	1.82	20.26	1.88	19.68	1.93	19.36	1.97	19.10	2.00	18.41	2.06
	10	9	21.74	2.00	21.25	2.06	20.64	2.13	20.31	2.17	20.03	2.19	19.31	2.26
	17	15	23.09	2.13	22.57	2.20	21.93	2.26	21.57	2.31	21.28	2.33	20.51	2.41
	20	19	25.23	2.16	24.66	2.23	23.96	2.30	23.57	2.34	23.25	2.37	22.41	2.45
	25	23	27.36	2.19	26.75	2.26	25.99	2.34	25.56	2.37	25.22	2.41	24.31	2.48
	30	28	30.04	2.23	29.37	2.31	28.53	2.38	28.06	2.42	27.69	2.45	26.68	2.53
	35	32	32.18	2.27	31.46	2.34	30.56	2.42	30.06	2.46	29.66	2.49	28.58	2.57
	40	36	34.32	2.30	33.55	2.38	32.59	2.45	32.06	2.49	31.63	2.53	30.48	2.60
	45	41	36.99	2.34	36.16	2.42	35.13	2.50	34.55	2.54	34.09	2.57	32.86	2.65
	47	43	38.05	2.36	37.20	2.44	36.14	2.51	35.55	2.56	35.08	2.59	33.80	2.67
	50	46	38.17	2.34	37.40	2.41	36.47	2.48	35.94	2.52	35.52	2.55	34.32	2.62
	55	51	38.35	2.32	37.72	2.38	37.02	2.43	36.59	2.46	36.25	2.48	35.18	2.54
	60	56	38.54	2.29	38.04	2.34	37.57	2.38	37.25	2.40	36.99	2.41	36.04	2.45
	63	59	38.65	2.28	38.23	2.31	37.90	2.35	37.64	2.36	37.43	2.37	36.56	2.40
	68	64	38.76	2.26	38.42	2.29	38.23	2.32	38.03	2.33	37.88	2.33	37.09	2.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 27: KUMXA361A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	18.88	1.66	18.46	1.72	17.93	1.77	17.64	1.80	17.40	1.83	16.77	1.88
	-4	-4.4	20.13	1.77	19.68	1.83	19.12	1.88	18.80	1.92	18.55	1.95	17.88	2.01
	0	-0.4	20.74	1.83	20.28	1.89	19.70	1.95	19.37	1.99	19.12	2.01	18.42	2.07
	5	4.5	21.51	1.90	21.03	1.97	20.43	2.03	20.09	2.06	19.83	2.09	19.10	2.16
	10	9	22.56	2.09	22.06	2.16	21.42	2.23	21.08	2.27	20.80	2.30	20.04	2.37
	17	15	23.96	2.23	23.43	2.30	22.76	2.38	22.39	2.42	22.09	2.45	21.29	2.52
	20	19	26.18	2.27	25.60	2.34	24.87	2.42	24.46	2.45	24.14	2.49	23.26	2.56
	25	23	28.40	2.30	27.77	2.37	26.97	2.45	26.54	2.49	26.18	2.53	25.23	2.60
	30	28	31.18	2.34	30.48	2.42	29.61	2.50	29.13	2.54	28.74	2.57	27.69	2.65
	35	32	33.40	2.38	32.65	2.46	31.72	2.53	31.20	2.58	30.78	2.61	29.67	2.69
	40	36	35.62	2.42	34.82	2.49	33.82	2.57	33.27	2.62	32.83	2.65	31.64	2.73
	45	41	38.39	2.46	37.53	2.54	36.46	2.62	35.87	2.66	35.39	2.70	34.10	2.78
	47	43	39.50	2.47	38.62	2.56	37.51	2.64	36.90	2.68	36.41	2.72	35.09	2.80
	50	46	39.61	2.46	38.82	2.53	37.86	2.61	37.31	2.64	36.87	2.67	35.62	2.75
	55	51	39.81	2.43	39.15	2.49	38.43	2.55	37.98	2.58	37.63	2.61	36.52	2.66
31	60	56	40.00	2.41	39.48	2.45	39.00	2.50	38.66	2.51	38.39	2.53	37.41	2.57
	63	59	40.12	2.39	39.68	2.43	39.34	2.47	39.07	2.48	38.85	2.49	37.95	2.52
	68	64	40.23	2.38	39.88	2.41	39.68	2.44	39.48	2.44	39.32	2.45	38.49	2.47
	-13	-13.4	19.57	1.74	19.13	1.80	18.59	1.85	18.28	1.88	18.04	1.91	17.38	1.97
	-4	-4.4	20.87	1.85	20.40	1.91	19.81	1.98	19.49	2.01	19.23	2.03	18.53	2.10
	0	-0.4	21.50	1.92	21.02	1.98	20.42	2.04	20.09	2.08	19.82	2.10	19.10	2.17
	5	4.5	22.30	1.99	21.80	2.06	21.17	2.13	20.83	2.16	20.55	2.19	19.81	2.25
	10	9	23.39	2.19	22.86	2.26	22.21	2.33	21.85	2.38	21.56	2.41	20.77	2.48
	17	15	24.84	2.34	24.29	2.41	23.59	2.49	23.21	2.53	22.90	2.56	22.07	2.64
	20	19	27.14	2.37	26.54	2.45	25.78	2.52	25.36	2.57	25.02	2.60	24.11	2.68
	25	23	29.45	2.41	28.78	2.49	27.96	2.56	27.51	2.61	27.14	2.64	26.15	2.73
	30	28	32.32	2.45	31.60	2.53	30.70	2.61	30.19	2.66	29.79	2.70	28.71	2.78
	35	32	34.62	2.49	33.85	2.57	32.88	2.65	32.34	2.70	31.91	2.74	30.75	2.82
	40	36	36.92	2.53	36.09	2.61	35.06	2.69	34.49	2.74	34.03	2.78	32.80	2.86
	45	41	39.79	2.57	38.91	2.65	37.79	2.74	37.18	2.79	36.68	2.83	35.35	2.91
	47	43	40.94	2.59	40.03	2.67	38.89	2.76	38.25	2.81	37.74	2.85	36.37	2.93
32	50	46	41.06	2.57	40.24	2.65	39.24	2.72	38.67	2.77	38.22	2.80	36.93	2.87
	55	51	41.26	2.54	40.58	2.61	39.83	2.67	39.37	2.70	39.01	2.72	37.85	2.78
	60	56	41.47	2.52	40.93	2.57	40.42	2.62	40.08	2.64	39.80	2.65	38.78	2.69
	63	59	41.59	2.50	41.13	2.54	40.78	2.58	40.50	2.59	40.27	2.61	39.34	2.64
	68	64	41.71	2.49	41.34	2.52	41.13	2.55	40.92	2.55	40.75	2.56	39.90	2.58
	-13	-13.4	20.26	1.82	19.81	1.88	19.24	1.95	18.93	1.98	18.68	2.00	18.00	2.06
	-4	-4.4	21.60	1.94	21.12	2.00	20.52	2.07	20.18	2.11	19.91	2.14	19.19	2.20
	0	-0.4	22.26	2.01	21.76	2.07	21.14	2.14	20.80	2.18	20.52	2.20	19.77	2.27
	5	4.5	23.08	2.09	22.56	2.16	21.92	2.23	21.56	2.27	21.28	2.30	20.50	2.36
	10	9	24.21	2.30	23.67	2.37	22.99	2.45	22.62	2.49	22.32	2.53	21.51	2.60
	17	15	25.72	2.45	25.14	2.53	24.43	2.61	24.03	2.65	23.71	2.69	22.85	2.77
	20	19	28.10	2.49	27.47	2.57	26.69	2.65	26.25	2.70	25.90	2.73	24.96	2.81
	25	23	30.48	2.52	29.80	2.61	28.95	2.69	28.48	2.73	28.10	2.77	27.08	2.85
	30	28	33.46	2.57	32.71	2.66	31.78	2.74	31.26	2.79	30.84	2.83	29.72	2.91
	35	32	35.84	2.61	35.04	2.70	34.04	2.78	33.49	2.83	33.04	2.87	31.84	2.95
	40	36	38.22	2.65	37.37	2.73	36.30	2.82	35.71	2.87	35.23	2.91	33.95	3.00
	45	41	41.20	2.69	40.28	2.78	39.13	2.87	38.49	2.92	37.98	2.96	36.60	3.05
	47	43	42.39	2.71	41.44	2.80	40.26	2.89	39.60	2.94	39.07	2.98	37.65	3.07
	50	46	42.51	2.70	41.66	2.78	40.62	2.86	40.04	2.90	39.57	2.93	38.23	3.02
	55	51	42.72	2.67	42.01	2.73	41.24	2.80	40.76	2.83	40.38	2.86	39.19	2.92
	60	56	42.93	2.64	42.37	2.69	41.85	2.74	41.49	2.76	41.20	2.78	40.15	2.82
	63	59	43.05	2.62	42.58	2.67	42.22	2.70	41.93	2.72	41.70	2.73	40.73	2.76
	68	64	43.18	2.60	42.80	2.64	42.59	2.67	42.37	2.68	42.19	2.68	41.31	2.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 28: KUMXA361A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	20.95	1.91	20.49	1.97	19.90	2.03	19.58	2.07	19.31	2.09	18.61	2.16
	-4	-4.4	22.34	2.03	21.84	2.10	21.21	2.16	20.87	2.20	20.59	2.23	19.84	2.30
	0	-0.4	23.02	2.10	22.50	2.17	21.86	2.24	21.51	2.28	21.22	2.30	20.45	2.38
	5	4.5	23.87	2.19	23.34	2.26	22.67	2.33	22.30	2.37	22.00	2.40	21.20	2.47
	10	9	25.04	2.40	24.48	2.48	23.78	2.56	23.39	2.60	23.08	2.64	22.24	2.72
	17	15	26.59	2.56	26.00	2.64	25.26	2.73	24.85	2.77	24.52	2.81	23.62	2.89
	20	19	29.06	2.60	28.41	2.69	27.60	2.77	27.15	2.82	26.78	2.86	25.81	2.94
	25	23	31.52	2.64	30.82	2.72	29.93	2.81	29.45	2.86	29.06	2.90	28.00	2.99
	30	28	34.60	2.69	33.83	2.78	32.86	2.86	32.32	2.92	31.90	2.96	30.74	3.04
	35	32	37.06	2.73	36.23	2.82	35.20	2.91	34.62	2.96	34.16	3.00	32.92	3.09
	40	36	39.52	2.77	38.64	2.86	37.54	2.95	36.93	3.00	36.44	3.04	35.11	3.13
	45	41	42.60	2.82	41.65	2.91	40.46	3.00	39.80	3.05	39.27	3.10	37.84	3.19
	47	43	43.83	2.84	42.85	2.93	41.63	3.02	40.95	3.08	40.41	3.12	38.94	3.21
	50	46	43.96	2.82	43.08	2.91	42.01	2.99	41.40	3.03	40.91	3.07	39.53	3.15
	55	51	44.18	2.79	43.45	2.86	42.64	2.93	42.15	2.96	41.76	2.98	40.53	3.05
	60	56	44.39	2.76	43.81	2.81	43.28	2.87	42.91	2.89	42.61	2.91	41.52	2.95
	63	59	44.52	2.74	44.04	2.79	43.66	2.83	43.36	2.84	43.12	2.85	42.12	2.89
	68	64	44.65	2.73	44.26	2.76	44.04	2.79	43.81	2.80	43.63	2.80	42.72	2.83
34	-13	-13.4	21.64	1.99	21.16	2.06	20.55	2.12	20.22	2.16	19.95	2.19	19.23	2.25
	-4	-4.4	23.07	2.12	22.56	2.19	21.91	2.26	21.55	2.30	21.27	2.33	20.50	2.40
	0	-0.4	23.78	2.19	23.24	2.26	22.58	2.34	22.21	2.38	21.92	2.41	21.12	2.48
	5	4.5	24.66	2.28	24.10	2.36	23.41	2.43	23.03	2.47	22.73	2.51	21.90	2.58
	10	9	25.86	2.51	25.28	2.59	24.56	2.67	24.16	2.72	23.84	2.76	22.97	2.84
	17	15	27.47	2.67	26.86	2.76	26.09	2.85	25.66	2.89	25.32	2.93	24.40	3.02
	20	19	30.02	2.71	29.34	2.80	28.51	2.89	28.04	2.94	27.67	2.98	26.66	3.07
	25	23	32.56	2.75	31.83	2.85	30.92	2.94	30.42	2.99	30.02	3.03	28.92	3.12
	30	28	35.74	2.80	34.94	2.90	33.94	2.99	33.39	3.04	32.95	3.09	31.75	3.17
	35	32	38.28	2.85	37.43	2.94	36.36	3.03	35.76	3.09	35.29	3.13	34.01	3.23
	40	36	40.83	2.89	39.92	2.98	38.77	3.08	38.14	3.13	37.64	3.17	36.27	3.27
	45	41	44.01	2.94	43.03	3.04	41.80	3.14	41.12	3.19	40.57	3.23	39.09	3.33
	47	43	45.28	2.96	44.27	3.06	43.00	3.16	42.30	3.21	41.74	3.26	40.22	3.35
	50	46	45.41	2.95	44.50	3.03	43.39	3.12	42.77	3.17	42.26	3.20	40.84	3.29
	55	51	45.63	2.91	44.88	2.98	44.05	3.05	43.54	3.09	43.14	3.12	41.86	3.18
	60	56	45.86	2.88	45.26	2.94	44.70	2.99	44.32	3.01	44.01	3.03	42.89	3.08
	63	59	45.99	2.86	45.49	2.91	45.09	2.95	44.79	2.97	44.54	2.98	43.50	3.01
	68	64	46.12	2.84	45.72	2.88	45.49	2.92	45.26	2.92	45.07	2.93	44.13	2.95
35	-13	-13.4	22.33	2.08	21.84	2.14	21.21	2.22	20.86	2.25	20.59	2.28	19.84	2.35
	-4	-4.4	23.81	2.21	23.28	2.28	22.61	2.36	22.25	2.40	21.95	2.43	21.15	2.50
	0	-0.4	24.54	2.28	23.99	2.36	23.30	2.44	22.92	2.48	22.62	2.51	21.80	2.59
	5	4.5	25.44	2.38	24.87	2.46	24.16	2.54	23.77	2.58	23.45	2.62	22.60	2.69
	10	9	26.68	2.61	26.09	2.70	25.35	2.79	24.93	2.84	24.60	2.87	23.71	2.96
	17	15	28.35	2.79	27.72	2.88	26.92	2.97	26.48	3.02	26.13	3.06	25.18	3.15
	20	19	30.97	2.83	30.28	2.93	29.42	3.02	28.94	3.07	28.55	3.11	27.51	3.20
	25	23	33.60	2.88	32.85	2.97	31.91	3.06	31.39	3.12	30.97	3.16	29.85	3.25
	30	28	36.88	2.93	36.06	3.02	35.03	3.12	34.46	3.17	34.00	3.22	32.76	3.32
	35	32	39.51	2.97	38.62	3.07	37.52	3.17	36.91	3.22	36.42	3.27	35.09	3.37
	40	36	42.13	3.01	41.19	3.11	40.01	3.21	39.36	3.27	38.84	3.31	37.42	3.41
	45	41	45.41	3.07	44.40	3.17	43.13	3.27	42.42	3.33	41.86	3.38	40.34	3.47
	47	43	46.72	3.09	45.68	3.19	44.38	3.30	43.65	3.35	43.07	3.40	41.50	3.50
	50	46	46.86	3.07	45.92	3.16	44.78	3.26	44.13	3.30	43.61	3.34	42.14	3.44
	55	51	47.09	3.04	46.31	3.12	45.45	3.19	44.93	3.22	44.52	3.26	43.20	3.32
	60	56	47.32	3.01	46.70	3.07	46.13	3.12	45.73	3.14	45.42	3.16	44.26	3.21
	63	59	47.46	2.99	46.94	3.04	46.53	3.08	46.21	3.10	45.96	3.11	44.89	3.15
	68	64	47.59	2.97	47.18	3.00	46.94	3.04	46.70	3.05	46.51	3.06	45.54	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 29: KUMXA361A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
37	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21
	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
38	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21
	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 30: KUMXA361A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
40	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21
	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
41	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21
	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 31: KUMXA361A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21
43	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21
44	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 32: KUMXA361A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
46	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21
	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
47	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21
	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

MULTI F WITH LGRED°
MULTI F MAX

Heating Capacity Tables

Table 33: KUMXA361A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	23.03	2.17	22.51	2.24	21.87	2.31	21.51	2.35	21.23	2.38	20.45	2.45
	-4	-4.4	24.55	2.31	24.00	2.38	23.31	2.46	22.93	2.50	22.63	2.54	21.81	2.61
	0	-0.4	25.30	2.39	24.73	2.46	24.02	2.55	23.63	2.59	23.31	2.62	22.47	2.70
	5	4.5	26.23	2.48	25.64	2.57	24.91	2.64	24.50	2.69	24.18	2.73	23.30	2.81
	10	9	27.51	2.73	26.90	2.82	26.13	2.91	25.70	2.96	25.36	3.00	24.44	3.09
	17	15	29.22	2.91	28.57	3.00	27.76	3.10	27.30	3.15	26.94	3.19	25.96	3.29
	20	19	31.93	2.95	31.22	3.05	30.33	3.15	29.83	3.20	29.44	3.24	28.37	3.34
	25	23	34.64	3.00	33.86	3.10	32.89	3.20	32.36	3.25	31.93	3.29	30.77	3.39
	30	28	38.02	3.06	37.17	3.15	36.11	3.26	35.52	3.31	35.05	3.36	33.77	3.46
	35	32	40.73	3.10	39.82	3.20	38.68	3.30	38.05	3.36	37.54	3.41	36.18	3.51
	40	36	43.44	3.14	42.46	3.25	41.25	3.35	40.58	3.41	40.04	3.46	38.58	3.56
	45	41	46.82	3.20	45.77	3.31	44.47	3.41	43.74	3.48	43.16	3.52	41.59	3.62
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 34: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	10.00	0.85	9.78	0.88	9.50	0.91	9.34	0.93	9.22	0.94	8.89	0.97
	-4	-4.4	11.13	0.91	10.88	0.94	10.57	0.97	10.40	0.99	10.26	1.00	9.88	1.03
	0	-0.4	11.68	0.94	11.42	0.97	11.09	1.00	10.91	1.02	10.77	1.03	10.38	1.07
	5	4.5	12.37	0.98	12.10	1.01	11.75	1.04	11.56	1.06	11.40	1.08	10.99	1.11
	10	9	13.32	1.08	13.02	1.11	12.65	1.15	12.44	1.17	12.28	1.18	11.83	1.22
	17	15	14.59	1.15	14.26	1.18	13.85	1.22	13.63	1.24	13.45	1.26	12.96	1.30
	20	19	15.67	1.15	15.32	1.19	14.88	1.22	14.64	1.24	14.44	1.26	13.92	1.30
	25	23	16.75	1.15	16.38	1.19	15.91	1.23	15.65	1.25	15.44	1.26	14.88	1.30
	30	28	18.10	1.15	17.70	1.19	17.19	1.23	16.91	1.25	16.69	1.27	16.08	1.31
	35	32	19.18	1.16	18.76	1.19	18.22	1.23	17.92	1.25	17.68	1.27	17.04	1.31
	40	36	20.27	1.16	19.81	1.20	19.25	1.23	18.93	1.26	18.68	1.27	18.00	1.31
	45	41	21.62	1.16	21.13	1.20	20.53	1.24	20.19	1.26	19.93	1.28	19.20	1.31
	47	43	22.16	1.16	21.66	1.20	21.04	1.24	20.70	1.26	20.42	1.28	19.68	1.32
	50	46	22.22	1.15	21.77	1.19	21.24	1.22	20.93	1.24	20.68	1.26	19.98	1.29
	55	51	22.33	1.14	21.96	1.17	21.56	1.20	21.31	1.21	21.11	1.22	20.49	1.25
19	60	56	22.44	1.13	22.15	1.15	21.88	1.17	21.69	1.18	21.54	1.19	20.99	1.21
	63	59	22.51	1.12	22.26	1.14	22.07	1.16	21.92	1.16	21.80	1.17	21.29	1.18
	68	64	22.57	1.12	22.37	1.13	22.26	1.14	22.15	1.15	22.06	1.15	21.59	1.16
	-13	-13.4	10.66	0.92	10.42	0.95	10.12	0.98	9.95	1.00	9.82	1.01	9.46	1.04
	-4	-4.4	11.85	0.98	11.59	1.01	11.26	1.05	11.07	1.07	10.93	1.08	10.53	1.11
	0	-0.4	12.44	1.02	12.16	1.05	11.82	1.08	11.62	1.10	11.47	1.12	11.05	1.15
	5	4.5	13.18	1.06	12.88	1.09	12.52	1.13	12.31	1.15	12.15	1.16	11.71	1.20
	10	9	14.19	1.16	13.87	1.20	13.48	1.24	13.26	1.26	13.08	1.28	12.60	1.31
	17	15	15.54	1.24	15.19	1.28	14.76	1.32	14.52	1.34	14.32	1.36	13.80	1.40
	20	19	16.69	1.24	16.32	1.28	15.85	1.32	15.59	1.34	15.39	1.36	14.83	1.40
	25	23	17.84	1.24	17.44	1.28	16.95	1.32	16.67	1.35	16.45	1.36	15.85	1.41
	30	28	19.28	1.24	18.85	1.29	18.31	1.33	18.01	1.35	17.77	1.37	17.13	1.41
	35	32	20.43	1.25	19.98	1.29	19.41	1.33	19.09	1.35	18.84	1.37	18.15	1.41
	40	36	21.59	1.25	21.10	1.29	20.50	1.33	20.17	1.36	19.90	1.37	19.17	1.41
	45	41	23.03	1.25	22.51	1.29	21.87	1.34	21.51	1.36	21.23	1.38	20.45	1.42
	47	43	23.60	1.25	23.08	1.30	22.42	1.34	22.05	1.36	21.76	1.38	20.97	1.42
20	50	46	23.67	1.25	23.19	1.28	22.62	1.32	22.29	1.34	22.03	1.36	21.29	1.39
	55	51	23.79	1.23	23.39	1.26	22.96	1.29	22.70	1.31	22.49	1.32	21.82	1.35
	60	56	23.90	1.22	23.59	1.24	23.30	1.27	23.10	1.28	22.94	1.28	22.36	1.30
	63	59	23.97	1.21	23.71	1.23	23.51	1.25	23.35	1.26	23.22	1.26	22.68	1.28
	68	64	24.04	1.20	23.83	1.22	23.71	1.23	23.59	1.24	23.49	1.24	23.00	1.25
	-13	-13.4	11.31	0.98	11.06	1.02	10.74	1.05	10.56	1.07	10.42	1.08	10.04	1.11
	-4	-4.4	12.58	1.05	12.30	1.08	11.95	1.12	11.75	1.14	11.60	1.15	11.17	1.19
	0	-0.4	13.20	1.08	12.91	1.12	12.54	1.15	12.34	1.17	12.17	1.19	11.73	1.23
	5	4.5	13.99	1.13	13.67	1.16	13.28	1.20	13.07	1.22	12.89	1.24	12.42	1.28
	10	9	15.06	1.24	14.72	1.28	14.30	1.32	14.07	1.34	13.88	1.36	13.38	1.40
	17	15	16.49	1.32	16.12	1.36	15.66	1.41	15.41	1.43	15.20	1.45	14.65	1.49
	20	19	17.71	1.32	17.32	1.36	16.82	1.41	16.55	1.43	16.33	1.45	15.73	1.50
	25	23	18.94	1.32	18.51	1.37	17.98	1.41	17.69	1.44	17.45	1.45	16.82	1.50
	30	28	20.46	1.33	20.01	1.37	19.43	1.41	19.12	1.44	18.86	1.46	18.18	1.50
	35	32	21.69	1.33	21.20	1.37	20.60	1.42	20.26	1.44	19.99	1.46	19.26	1.51
	40	36	22.91	1.33	22.40	1.38	21.76	1.42	21.40	1.44	21.12	1.46	20.35	1.51
	45	41	24.44	1.34	23.89	1.38	23.21	1.42	22.83	1.45	22.53	1.47	21.71	1.51
	47	43	25.05	1.34	24.49	1.38	23.79	1.43	23.40	1.45	23.09	1.47	22.25	1.51
	50	46	25.12	1.33	24.61	1.37	24.01	1.41	23.66	1.43	23.38	1.45	22.59	1.49
	55	51	25.24	1.31	24.83	1.35	24.37	1.38	24.09	1.39	23.86	1.41	23.16	1.44
	60	56	25.37	1.30	25.04	1.33	24.73	1.35	24.52	1.36	24.35	1.37	23.73	1.39
	63	59	25.44	1.29	25.16	1.31	24.95	1.33	24.78	1.34	24.64	1.34	24.07	1.36
	68	64	25.51	1.28	25.29	1.30	25.16	1.32	25.04	1.32	24.93	1.32	24.41	1.33

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 35: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	11.96	1.05	11.69	1.09	11.36	1.12	11.17	1.14	11.02	1.16	10.62	1.19
	-4	-4.4	13.31	1.12	13.01	1.16	12.64	1.19	12.43	1.21	12.26	1.23	11.82	1.27
	0	-0.4	13.97	1.16	13.65	1.20	13.26	1.23	13.05	1.25	12.87	1.27	12.41	1.31
	5	4.5	14.79	1.20	14.46	1.24	14.05	1.28	13.82	1.31	13.64	1.32	13.14	1.36
	10	9	15.93	1.32	15.57	1.37	15.13	1.41	14.88	1.44	14.68	1.45	14.15	1.50
	17	15	17.44	1.41	17.05	1.46	16.56	1.50	16.29	1.53	16.08	1.55	15.49	1.60
	20	19	18.73	1.41	18.32	1.46	17.79	1.51	17.50	1.53	17.27	1.55	16.64	1.60
	25	23	20.03	1.41	19.58	1.46	19.02	1.51	18.71	1.53	18.46	1.56	17.79	1.60
	30	28	21.64	1.42	21.16	1.47	20.56	1.51	20.22	1.54	19.95	1.56	19.23	1.61
	35	32	22.94	1.42	22.42	1.47	21.78	1.52	21.43	1.54	21.14	1.56	20.37	1.61
	40	36	24.23	1.42	23.69	1.47	23.01	1.52	22.64	1.54	22.34	1.57	21.52	1.61
	45	41	25.85	1.43	25.27	1.48	24.55	1.52	24.15	1.55	23.83	1.57	22.96	1.62
	47	43	26.49	1.43	25.90	1.48	25.16	1.52	24.75	1.55	24.42	1.57	23.53	1.62
	50	46	26.57	1.42	26.03	1.46	25.39	1.51	25.02	1.53	24.73	1.55	23.89	1.59
	55	51	26.70	1.41	26.26	1.44	25.77	1.47	25.48	1.49	25.24	1.50	24.49	1.54
22	60	56	26.83	1.39	26.48	1.42	26.16	1.44	25.93	1.45	25.75	1.46	25.09	1.49
	63	59	26.91	1.38	26.61	1.40	26.38	1.42	26.20	1.43	26.06	1.44	25.45	1.45
	68	64	26.99	1.37	26.75	1.39	26.62	1.41	26.48	1.41	26.37	1.41	25.82	1.42
	-13	-13.4	12.61	1.12	12.33	1.16	11.98	1.19	11.78	1.21	11.63	1.23	11.20	1.27
	-4	-4.4	14.03	1.19	13.72	1.23	13.33	1.27	13.11	1.29	12.93	1.31	12.46	1.35
	0	-0.4	14.73	1.23	14.40	1.27	13.99	1.31	13.76	1.34	13.58	1.35	13.08	1.39
	5	4.5	15.60	1.28	15.25	1.32	14.81	1.37	14.57	1.39	14.38	1.41	13.86	1.45
	10	9	16.80	1.41	16.42	1.46	15.95	1.50	15.69	1.53	15.48	1.55	14.92	1.59
	17	15	18.39	1.50	17.98	1.55	17.47	1.60	17.18	1.63	16.95	1.65	16.34	1.70
	20	19	19.76	1.50	19.31	1.55	18.76	1.60	18.46	1.63	18.21	1.65	17.55	1.70
	25	23	21.12	1.51	20.65	1.56	20.06	1.61	19.73	1.63	19.47	1.66	18.76	1.71
	30	28	22.82	1.51	22.31	1.56	21.68	1.61	21.32	1.64	21.04	1.66	20.27	1.71
	35	32	24.19	1.51	23.65	1.56	22.97	1.61	22.60	1.64	22.30	1.66	21.49	1.71
	40	36	25.55	1.52	24.98	1.57	24.27	1.62	23.87	1.64	23.55	1.67	22.70	1.72
	45	41	27.26	1.52	26.65	1.57	25.89	1.62	25.46	1.65	25.12	1.67	24.21	1.72
	47	43	27.94	1.52	27.31	1.57	26.53	1.62	26.10	1.65	25.75	1.67	24.82	1.72
23	50	46	28.02	1.51	27.46	1.56	26.78	1.60	26.39	1.63	26.08	1.65	25.20	1.69
	55	51	28.16	1.50	27.69	1.53	27.18	1.57	26.87	1.59	26.62	1.60	25.83	1.64
	60	56	28.29	1.48	27.93	1.51	27.58	1.54	27.35	1.55	27.16	1.56	26.46	1.58
	63	59	28.38	1.47	28.07	1.49	27.82	1.52	27.63	1.52	27.48	1.53	26.84	1.55
	68	64	28.46	1.46	28.21	1.48	28.07	1.50	27.92	1.50	27.81	1.50	27.23	1.52
	-13	-13.4	13.26	1.19	12.97	1.23	12.60	1.27	12.39	1.29	12.23	1.30	11.78	1.34
	-4	-4.4	14.76	1.26	14.43	1.31	14.01	1.35	13.79	1.37	13.60	1.39	13.11	1.43
	0	-0.4	15.49	1.31	15.14	1.35	14.71	1.39	14.47	1.42	14.28	1.44	13.76	1.48
	5	4.5	16.41	1.36	16.04	1.40	15.58	1.45	15.33	1.47	15.12	1.49	14.57	1.54
	10	9	17.66	1.49	17.27	1.54	16.78	1.59	16.50	1.62	16.28	1.64	15.69	1.69
	17	15	19.34	1.59	18.91	1.64	18.37	1.70	18.07	1.73	17.83	1.75	17.18	1.80
	20	19	20.78	1.59	20.31	1.65	19.73	1.70	19.41	1.73	19.15	1.75	18.46	1.81
	25	23	22.21	1.60	21.72	1.65	21.10	1.70	20.75	1.73	20.48	1.76	19.73	1.81
	30	28	24.01	1.60	23.47	1.65	22.80	1.71	22.43	1.74	22.13	1.76	21.32	1.81
	35	32	25.44	1.60	24.87	1.66	24.16	1.71	23.77	1.74	23.45	1.76	22.60	1.82
	40	36	26.87	1.61	26.27	1.66	25.52	1.71	25.11	1.74	24.77	1.77	23.87	1.82
	45	41	28.67	1.61	28.03	1.67	27.22	1.72	26.78	1.75	26.42	1.77	25.46	1.83
	47	43	29.38	1.61	28.73	1.67	27.91	1.72	27.45	1.75	27.09	1.77	26.10	1.83
	50	46	29.47	1.60	28.88	1.65	28.16	1.70	27.75	1.72	27.43	1.75	26.50	1.79
	55	51	29.61	1.59	29.12	1.63	28.58	1.66	28.26	1.68	27.99	1.70	27.17	1.73
	60	56	29.76	1.57	29.37	1.60	29.01	1.63	28.76	1.64	28.56	1.65	27.83	1.68
	63	59	29.84	1.56	29.52	1.58	29.26	1.61	29.06	1.62	28.90	1.62	28.23	1.64
	68	64	29.93	1.55	29.67	1.57	29.52	1.59	29.37	1.59	29.25	1.60	28.64	1.61

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 36: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	13.92	1.26	13.61	1.30	13.22	1.34	13.00	1.37	12.83	1.39	12.36	1.43
	-4	-4.4	15.48	1.34	15.14	1.39	14.70	1.43	14.46	1.46	14.27	1.48	13.75	1.52
	0	-0.4	16.25	1.39	15.89	1.43	15.43	1.48	15.18	1.51	14.98	1.53	14.44	1.57
	5	4.5	17.21	1.45	16.83	1.49	16.35	1.54	16.08	1.57	15.87	1.59	15.29	1.64
	10	9	18.53	1.59	18.12	1.64	17.60	1.69	17.31	1.72	17.08	1.75	16.46	1.80
	17	15	20.30	1.69	19.84	1.75	19.27	1.80	18.96	1.83	18.71	1.86	18.03	1.91
	20	19	21.80	1.69	21.31	1.75	20.70	1.81	20.37	1.84	20.10	1.86	19.36	1.92
	25	23	23.30	1.70	22.78	1.75	22.13	1.81	21.77	1.84	21.48	1.87	20.70	1.92
	30	28	25.19	1.70	24.62	1.76	23.92	1.81	23.53	1.85	23.22	1.87	22.37	1.93
	35	32	26.69	1.71	26.09	1.76	25.35	1.82	24.93	1.85	24.60	1.87	23.71	1.93
	40	36	28.20	1.71	27.57	1.77	26.78	1.82	26.34	1.85	25.99	1.88	25.04	1.94
	45	41	30.08	1.71	29.40	1.77	28.56	1.83	28.10	1.86	27.72	1.88	26.72	1.94
	47	43	30.83	1.72	30.14	1.77	29.28	1.83	28.80	1.86	28.42	1.89	27.38	1.94
	50	46	30.92	1.70	30.30	1.76	29.55	1.81	29.12	1.83	28.77	1.86	27.80	1.91
	55	51	31.07	1.69	30.55	1.73	29.99	1.77	29.65	1.79	29.37	1.81	28.50	1.84
25	60	56	31.22	1.67	30.81	1.70	30.44	1.73	30.18	1.74	29.97	1.76	29.20	1.78
	63	59	31.31	1.66	30.97	1.68	30.70	1.71	30.49	1.72	30.32	1.73	29.62	1.75
	68	64	31.40	1.65	31.13	1.67	30.97	1.69	30.81	1.69	30.69	1.70	30.04	1.71
	-13	-13.4	14.57	1.34	14.24	1.38	13.84	1.42	13.61	1.45	13.43	1.47	12.94	1.51
	-4	-4.4	16.21	1.42	15.85	1.47	15.39	1.52	15.14	1.54	14.94	1.56	14.40	1.61
	0	-0.4	17.01	1.47	16.63	1.52	16.16	1.57	15.89	1.60	15.68	1.62	15.11	1.67
	5	4.5	18.02	1.53	17.62	1.58	17.11	1.63	16.83	1.66	16.61	1.68	16.01	1.73
	10	9	19.40	1.68	18.97	1.74	18.43	1.79	18.13	1.82	17.89	1.85	17.23	1.90
	17	15	21.25	1.79	20.77	1.85	20.18	1.91	19.85	1.94	19.58	1.97	18.87	2.03
	20	19	22.82	1.79	22.31	1.85	21.67	1.91	21.32	1.95	21.04	1.97	20.27	2.03
	25	23	24.40	1.80	23.85	1.86	23.17	1.92	22.79	1.95	22.49	1.98	21.67	2.04
	30	28	26.37	1.80	25.78	1.86	25.04	1.92	24.63	1.96	24.30	1.98	23.42	2.04
	35	32	27.94	1.81	27.32	1.87	26.54	1.93	26.10	1.96	25.76	1.99	24.82	2.05
	40	36	29.52	1.81	28.86	1.87	28.03	1.93	27.57	1.96	27.21	1.99	26.22	2.05
	45	41	31.49	1.81	30.78	1.87	29.90	1.93	29.41	1.97	29.02	1.99	27.97	2.05
	47	43	32.27	1.82	31.55	1.88	30.65	1.94	30.15	1.97	29.75	2.00	28.67	2.06
26	50	46	32.37	1.81	31.72	1.86	30.93	1.91	30.48	1.94	30.12	1.96	29.11	2.02
	55	51	32.53	1.79	31.99	1.83	31.40	1.87	31.04	1.89	30.75	1.91	29.84	1.95
	60	56	32.68	1.77	32.26	1.80	31.86	1.83	31.59	1.85	31.37	1.86	30.57	1.89
	63	59	32.78	1.76	32.42	1.78	32.14	1.81	31.92	1.82	31.75	1.83	31.01	1.85
	68	64	32.87	1.74	32.59	1.77	32.42	1.79	32.26	1.79	32.12	1.80	31.45	1.81
	-13	-13.4	15.22	1.40	14.88	1.45	14.46	1.50	14.22	1.52	14.03	1.54	13.52	1.59
	-4	-4.4	16.93	1.49	16.56	1.54	16.08	1.59	15.82	1.62	15.61	1.64	15.04	1.69
	0	-0.4	17.78	1.55	17.38	1.60	16.88	1.65	16.61	1.68	16.38	1.70	15.79	1.75
	5	4.5	18.83	1.61	18.41	1.66	17.88	1.72	17.59	1.74	17.35	1.77	16.72	1.82
	10	9	20.27	1.77	19.82	1.83	19.25	1.88	18.94	1.92	18.69	1.94	18.01	2.00
	17	15	22.20	1.88	21.70	1.94	21.08	2.01	20.74	2.04	20.46	2.07	19.72	2.13
	20	19	23.84	1.89	23.31	1.95	22.65	2.01	22.28	2.05	21.98	2.07	21.18	2.14
	25	23	25.49	1.89	24.92	1.95	24.21	2.01	23.81	2.05	23.50	2.08	22.64	2.14
	30	28	27.55	1.89	26.93	1.96	26.16	2.02	25.73	2.05	25.39	2.08	24.47	2.14
	35	32	29.19	1.90	28.54	1.96	27.72	2.02	27.27	2.06	26.91	2.09	25.93	2.15
	40	36	30.84	1.90	30.15	1.96	29.29	2.03	28.81	2.06	28.43	2.09	27.39	2.15
	45	41	32.90	1.91	32.16	1.97	31.24	2.03	30.73	2.07	30.32	2.10	29.22	2.16
	47	43	33.72	1.91	32.97	1.97	32.02	2.03	31.50	2.07	31.08	2.10	29.95	2.16
	50	46	33.82	1.90	33.14	1.95	32.32	2.01	31.85	2.04	31.47	2.06	30.41	2.12
	55	51	33.98	1.88	33.42	1.92	32.80	1.97	32.43	1.99	32.12	2.01	31.17	2.05
	60	56	34.15	1.86	33.70	1.89	33.29	1.93	33.00	1.94	32.78	1.95	31.94	1.98
	63	59	34.25	1.84	33.87	1.87	33.58	1.90	33.35	1.91	33.17	1.92	32.40	1.94
	68	64	34.35	1.83	34.04	1.86	33.88	1.88	33.70	1.88	33.56	1.89	32.86	1.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 37: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	15.87	1.49	15.52	1.53	15.08	1.58	14.83	1.61	14.63	1.63	14.10	1.68
	-4	-4.4	17.66	1.58	17.27	1.63	16.77	1.69	16.50	1.72	16.28	1.74	15.69	1.79
	0	-0.4	18.54	1.64	18.12	1.69	17.60	1.74	17.32	1.77	17.09	1.80	16.47	1.85
	5	4.5	19.63	1.70	19.19	1.76	18.65	1.81	18.34	1.85	18.10	1.87	17.44	1.93
	10	9	21.14	1.87	20.67	1.93	20.08	1.99	19.75	2.03	19.49	2.06	18.78	2.12
	17	15	23.15	1.99	22.63	2.06	21.99	2.12	21.63	2.16	21.34	2.19	20.56	2.25
	20	19	24.87	2.00	24.31	2.06	23.62	2.13	23.23	2.16	22.92	2.19	22.09	2.26
	25	23	26.58	2.00	25.99	2.07	25.25	2.13	24.83	2.17	24.50	2.20	23.61	2.26
	30	28	28.73	2.00	28.09	2.07	27.28	2.14	26.84	2.17	26.48	2.20	25.52	2.27
	35	32	30.44	2.01	29.76	2.07	28.91	2.14	28.44	2.18	28.06	2.21	27.04	2.27
	40	36	32.16	2.01	31.44	2.08	30.54	2.15	30.04	2.18	29.64	2.21	28.57	2.28
	45	41	34.31	2.02	33.54	2.08	32.58	2.15	32.05	2.19	31.62	2.22	30.47	2.28
	47	43	35.16	2.02	34.38	2.09	33.40	2.15	32.85	2.19	32.41	2.22	31.23	2.29
	50	46	35.27	2.01	34.56	2.07	33.70	2.13	33.21	2.16	32.82	2.18	31.71	2.24
	55	51	35.44	1.99	34.85	2.03	34.21	2.08	33.82	2.11	33.50	2.13	32.51	2.17
	60	56	35.61	1.96	35.15	2.00	34.72	2.04	34.42	2.05	34.18	2.07	33.31	2.10
28	63	59	35.71	1.95	35.33	1.98	35.02	2.01	34.78	2.02	34.59	2.03	33.78	2.06
	68	64	35.82	1.94	35.50	1.96	35.33	1.99	35.15	1.99	35.00	2.00	34.27	2.01
	-13	-13.4	16.53	1.56	16.16	1.61	15.70	1.66	15.44	1.69	15.23	1.71	14.68	1.77
	-4	-4.4	18.39	1.66	17.97	1.72	17.46	1.77	17.18	1.80	16.95	1.83	16.33	1.88
	0	-0.4	19.30	1.72	18.87	1.77	18.33	1.83	18.03	1.86	17.79	1.89	17.14	1.94
	5	4.5	20.44	1.79	19.98	1.85	19.41	1.91	19.10	1.94	18.84	1.96	18.16	2.02
	10	9	22.01	1.96	21.52	2.03	20.90	2.09	20.56	2.13	20.29	2.16	19.55	2.22
	17	15	24.10	2.09	23.56	2.16	22.89	2.23	22.52	2.27	22.22	2.30	21.41	2.37
	20	19	25.89	2.10	25.31	2.16	24.59	2.23	24.18	2.27	23.86	2.30	23.00	2.37
	25	23	27.67	2.10	27.06	2.17	26.28	2.24	25.85	2.28	25.51	2.31	24.58	2.38
	30	28	29.91	2.10	29.24	2.17	28.40	2.24	27.94	2.28	27.57	2.31	26.57	2.38
	35	32	31.69	2.11	30.99	2.18	30.10	2.25	29.61	2.29	29.22	2.32	28.15	2.39
	40	36	33.48	2.11	32.73	2.18	31.80	2.25	31.28	2.29	30.86	2.32	29.74	2.39
	45	41	35.72	2.12	34.92	2.19	33.92	2.26	33.37	2.30	32.92	2.33	31.72	2.40
	47	43	36.61	2.12	35.79	2.19	34.77	2.26	34.20	2.30	33.75	2.33	32.52	2.40
	50	46	36.72	2.11	35.98	2.17	35.09	2.23	34.58	2.27	34.17	2.29	33.02	2.36
	55	51	36.90	2.09	36.28	2.14	35.61	2.19	35.20	2.21	34.88	2.23	33.85	2.28
29	60	56	37.07	2.06	36.59	2.10	36.14	2.14	35.83	2.16	35.59	2.17	34.68	2.20
	63	59	37.18	2.05	36.78	2.08	36.46	2.11	36.21	2.12	36.01	2.13	35.17	2.16
	68	64	37.29	2.04	36.96	2.06	36.78	2.09	36.59	2.09	36.44	2.10	35.68	2.11
	-13	-13.4	17.18	1.63	16.80	1.69	16.32	1.74	16.05	1.77	15.84	1.80	15.26	1.85
	-4	-4.4	19.11	1.74	18.68	1.80	18.15	1.86	17.85	1.89	17.62	1.91	16.98	1.97
	0	-0.4	20.06	1.80	19.61	1.86	19.05	1.92	18.74	1.95	18.49	1.98	17.82	2.04
	5	4.5	21.25	1.87	20.77	1.93	20.18	2.00	19.85	2.03	19.58	2.06	18.87	2.12
	10	9	22.88	2.06	22.37	2.13	21.73	2.19	21.37	2.23	21.09	2.26	20.32	2.33
	17	15	25.05	2.19	24.49	2.26	23.79	2.34	23.40	2.38	23.09	2.41	22.25	2.48
	20	19	26.91	2.20	26.31	2.27	25.56	2.34	25.14	2.38	24.80	2.41	23.90	2.49
	25	23	28.77	2.20	28.12	2.27	27.32	2.35	26.87	2.39	26.52	2.42	25.55	2.49
	30	28	31.09	2.21	30.39	2.28	29.53	2.35	29.04	2.39	28.66	2.42	27.62	2.50
	35	32	32.95	2.21	32.21	2.28	31.29	2.36	30.78	2.40	30.37	2.43	29.26	2.50
	40	36	34.80	2.21	34.03	2.29	33.05	2.36	32.51	2.40	32.08	2.43	30.91	2.51
	45	41	37.13	2.22	36.30	2.29	35.26	2.37	34.68	2.41	34.22	2.44	32.98	2.51
	47	43	38.05	2.22	37.20	2.30	36.14	2.37	35.55	2.41	35.08	2.44	33.80	2.52
	50	46	38.17	2.21	37.40	2.27	36.47	2.34	35.94	2.38	35.52	2.40	34.32	2.47
	55	51	38.35	2.18	37.72	2.24	37.02	2.29	36.59	2.32	36.25	2.34	35.18	2.39
	60	56	38.54	2.16	38.04	2.20	37.57	2.24	37.25	2.26	36.99	2.27	36.04	2.31
	63	59	38.65	2.15	38.23	2.18	37.90	2.21	37.64	2.23	37.43	2.24	36.56	2.26
	68	64	38.76	2.13	38.42	2.16	38.23	2.19	38.03	2.19	37.88	2.20	37.09	2.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 38: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	17.83	1.72	17.43	1.77	16.94	1.83	16.66	1.86	16.44	1.89	15.84	1.94
	-4	-4.4	19.84	1.83	19.39	1.89	18.84	1.95	18.53	1.98	18.29	2.01	17.62	2.07
	0	-0.4	20.82	1.89	20.36	1.95	19.78	2.01	19.45	2.05	19.19	2.08	18.50	2.14
	5	4.5	22.05	1.97	21.56	2.03	20.94	2.10	20.60	2.13	20.33	2.16	19.59	2.23
	10	9	23.75	2.16	23.22	2.23	22.55	2.30	22.18	2.34	21.89	2.37	21.09	2.45
	17	15	26.00	2.30	25.42	2.38	24.70	2.45	24.29	2.49	23.97	2.53	23.10	2.60
	20	19	27.93	2.30	27.31	2.38	26.53	2.46	26.09	2.50	25.75	2.53	24.81	2.61
	25	23	29.86	2.31	29.19	2.39	28.36	2.46	27.89	2.50	27.52	2.54	26.52	2.61
	30	28	32.27	2.32	31.55	2.39	30.65	2.47	30.15	2.51	29.75	2.54	28.66	2.62
	35	32	34.20	2.32	33.43	2.40	32.48	2.47	31.95	2.52	31.52	2.55	30.38	2.63
	40	36	36.13	2.32	35.32	2.40	34.31	2.48	33.75	2.52	33.30	2.56	32.09	2.63
	45	41	38.53	2.33	37.67	2.41	36.60	2.48	36.00	2.53	35.52	2.56	34.23	2.64
	47	43	39.50	2.33	38.62	2.41	37.51	2.49	36.90	2.53	36.41	2.56	35.09	2.64
	50	46	39.61	2.32	38.82	2.39	37.86	2.46	37.31	2.49	36.87	2.52	35.62	2.59
	55	51	39.81	2.29	39.15	2.35	38.43	2.41	37.98	2.43	37.63	2.46	36.52	2.51
	60	56	40.00	2.27	39.48	2.31	39.00	2.36	38.66	2.37	38.39	2.39	37.41	2.42
31	63	59	40.12	2.25	39.68	2.29	39.34	2.33	39.07	2.34	38.85	2.35	37.95	2.37
	68	64	40.23	2.24	39.88	2.27	39.68	2.30	39.48	2.30	39.32	2.31	38.49	2.33
	-13	-13.4	18.48	1.80	18.07	1.86	17.55	1.92	17.27	1.95	17.04	1.98	16.42	2.03
	-4	-4.4	20.56	1.91	20.10	1.98	19.53	2.04	19.21	2.08	18.95	2.10	18.27	2.17
	0	-0.4	21.58	1.98	21.10	2.04	20.50	2.11	20.16	2.15	19.90	2.17	19.17	2.24
	5	4.5	22.86	2.06	22.35	2.13	21.71	2.20	21.36	2.23	21.07	2.26	20.31	2.33
	10	9	24.62	2.26	24.07	2.34	23.38	2.41	23.00	2.45	22.69	2.49	21.86	2.56
	17	15	26.95	2.41	26.35	2.49	25.60	2.57	25.18	2.61	24.85	2.65	23.94	2.73
	20	19	28.95	2.41	28.31	2.49	27.50	2.57	27.05	2.62	26.69	2.65	25.72	2.73
	25	23	30.95	2.42	30.26	2.50	29.40	2.58	28.92	2.62	28.53	2.66	27.49	2.74
	30	28	33.45	2.43	32.70	2.51	31.77	2.59	31.25	2.63	30.83	2.67	29.71	2.75
	35	32	35.45	2.43	34.66	2.51	33.67	2.59	33.12	2.64	32.68	2.67	31.49	2.75
	40	36	37.45	2.43	36.61	2.52	35.56	2.60	34.98	2.64	34.52	2.68	33.26	2.76
	45	41	39.94	2.44	39.05	2.52	37.94	2.60	37.32	2.65	36.82	2.68	35.48	2.76
	47	43	40.94	2.44	40.03	2.52	38.89	2.61	38.25	2.65	37.74	2.69	36.37	2.77
	50	46	41.06	2.43	40.24	2.50	39.24	2.57	38.67	2.61	38.22	2.64	36.93	2.71
32	55	51	41.26	2.40	40.58	2.46	39.83	2.52	39.37	2.55	39.01	2.57	37.85	2.63
	60	56	41.47	2.38	40.93	2.42	40.42	2.47	40.08	2.49	39.80	2.50	38.78	2.54
	63	59	41.59	2.36	41.13	2.40	40.78	2.44	40.50	2.45	40.27	2.46	39.34	2.49
	68	64	41.71	2.35	41.34	2.38	41.13	2.40	40.92	2.41	40.75	2.42	39.90	2.44
	-13	-13.4	19.14	1.89	18.71	1.95	18.17	2.01	17.88	2.04	17.64	2.07	17.00	2.13
	-4	-4.4	21.29	2.01	20.81	2.07	20.22	2.14	19.89	2.18	19.62	2.21	18.91	2.27
	0	-0.4	22.35	2.08	21.85	2.14	21.22	2.21	20.88	2.25	20.60	2.28	19.85	2.35
	5	4.5	23.67	2.16	23.14	2.23	22.48	2.30	22.11	2.34	21.82	2.37	21.02	2.45
	10	9	25.48	2.37	24.91	2.45	24.20	2.53	23.81	2.57	23.49	2.61	22.64	2.69
	17	15	27.91	2.53	27.28	2.61	26.50	2.69	26.07	2.74	25.72	2.78	24.79	2.86
	20	19	29.98	2.53	29.31	2.62	28.47	2.70	28.00	2.75	27.63	2.78	26.63	2.87
	25	23	32.04	2.54	31.33	2.62	30.43	2.71	29.94	2.75	29.54	2.79	28.46	2.87
	30	28	34.63	2.54	33.86	2.63	32.89	2.71	32.35	2.76	31.92	2.80	30.76	2.88
	35	32	36.70	2.55	35.88	2.63	34.85	2.72	34.28	2.76	33.83	2.80	32.60	2.89
	40	36	38.77	2.55	37.90	2.64	36.82	2.72	36.22	2.77	35.74	2.81	34.44	2.89
	45	41	41.35	2.56	40.43	2.65	39.28	2.73	38.63	2.78	38.12	2.81	36.73	2.90
	47	43	42.39	2.56	41.44	2.65	40.26	2.73	39.60	2.78	39.07	2.82	37.65	2.90
	50	46	42.51	2.55	41.66	2.62	40.62	2.70	40.04	2.74	39.57	2.77	38.23	2.85
	55	51	42.72	2.52	42.01	2.58	41.24	2.64	40.76	2.67	40.38	2.70	39.19	2.76
	60	56	42.93	2.49	42.37	2.54	41.85	2.59	41.49	2.61	41.20	2.62	40.15	2.66
	63	59	43.05	2.48	42.58	2.52	42.22	2.55	41.93	2.57	41.70	2.58	40.73	2.61
	68	64	43.18	2.46	42.80	2.49	42.59	2.52	42.37	2.53	42.19	2.53	41.31	2.56

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 39: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	19.79	1.97	19.35	2.03	18.79	2.10	18.49	2.13	18.24	2.16	17.58	2.23
	-4	-4.4	22.01	2.09	21.52	2.16	20.91	2.23	20.57	2.27	20.29	2.30	19.55	2.37
	0	-0.4	23.11	2.17	22.59	2.24	21.95	2.31	21.59	2.35	21.30	2.38	20.53	2.45
	5	4.5	24.47	2.25	23.93	2.33	23.24	2.40	22.86	2.44	22.56	2.48	21.74	2.55
	10	9	26.35	2.48	25.76	2.56	25.03	2.64	24.62	2.69	24.29	2.72	23.41	2.80
	17	15	28.86	2.64	28.21	2.72	27.41	2.81	26.96	2.86	26.60	2.90	25.63	2.99
	20	19	31.00	2.64	30.30	2.73	29.44	2.82	28.96	2.87	28.57	2.90	27.53	2.99
	25	23	33.14	2.65	32.40	2.73	31.47	2.82	30.96	2.87	30.54	2.91	29.43	3.00
	30	28	35.81	2.65	35.01	2.74	34.01	2.83	33.45	2.88	33.01	2.92	31.81	3.00
	35	32	37.95	2.66	37.10	2.75	36.04	2.84	35.45	2.88	34.98	2.92	33.71	3.01
	40	36	40.09	2.66	39.19	2.75	38.07	2.84	37.45	2.89	36.95	2.93	35.61	3.02
	45	41	42.76	2.67	41.81	2.76	40.61	2.85	39.95	2.90	39.42	2.94	37.99	3.02
	47	43	43.83	2.67	42.85	2.76	41.63	2.85	40.95	2.90	40.41	2.94	38.94	3.03
	50	46	43.96	2.66	43.08	2.74	42.01	2.82	41.40	2.86	40.91	2.89	39.53	2.97
	55	51	44.18	2.63	43.45	2.69	42.64	2.76	42.15	2.79	41.76	2.81	40.53	2.87
34	60	56	44.39	2.60	43.81	2.65	43.28	2.70	42.91	2.72	42.61	2.74	41.52	2.78
	63	59	44.52	2.58	44.04	2.63	43.66	2.67	43.36	2.68	43.12	2.69	42.12	2.72
	68	64	44.65	2.57	44.26	2.60	44.04	2.63	43.81	2.64	43.63	2.64	42.72	2.67
	-13	-13.4	20.44	2.05	19.98	2.12	19.41	2.19	19.10	2.23	18.84	2.26	18.16	2.33
	-4	-4.4	22.74	2.19	22.23	2.26	21.60	2.33	21.24	2.37	20.96	2.41	20.20	2.48
	0	-0.4	23.87	2.26	23.34	2.34	22.67	2.41	22.30	2.45	22.00	2.49	21.20	2.56
	5	4.5	25.28	2.35	24.72	2.43	24.01	2.51	23.62	2.55	23.30	2.59	22.46	2.67
	10	9	27.22	2.59	26.61	2.67	25.85	2.76	25.43	2.81	25.09	2.84	24.18	2.93
	17	15	29.81	2.75	29.14	2.85	28.31	2.94	27.85	2.99	27.48	3.03	26.48	3.12
	20	19	32.02	2.76	31.30	2.85	30.41	2.94	29.91	2.99	29.51	3.03	28.44	3.13
	25	23	34.23	2.77	33.46	2.86	32.51	2.95	31.98	3.00	31.55	3.04	30.40	3.13
	30	28	36.99	2.77	36.16	2.86	35.13	2.96	34.56	3.01	34.10	3.05	32.86	3.14
	35	32	39.20	2.78	38.33	2.87	37.23	2.96	36.62	3.01	36.14	3.05	34.82	3.15
	40	36	41.41	2.78	40.49	2.88	39.33	2.97	38.69	3.02	38.17	3.06	36.78	3.15
	45	41	44.17	2.79	43.19	2.88	41.95	2.98	41.27	3.03	40.72	3.07	39.24	3.16
	47	43	45.28	2.79	44.27	2.89	43.00	2.98	42.30	3.03	41.74	3.07	40.22	3.16
35	50	46	45.41	2.78	44.50	2.86	43.39	2.94	42.77	2.99	42.26	3.02	40.84	3.10
	55	51	45.63	2.75	44.88	2.81	44.05	2.88	43.54	2.91	43.14	2.94	41.86	3.00
	60	56	45.86	2.72	45.26	2.77	44.70	2.82	44.32	2.84	44.01	2.86	42.89	2.90
	63	59	45.99	2.70	45.49	2.74	45.09	2.78	44.79	2.80	44.54	2.81	43.50	2.84
	68	64	46.12	2.68	45.72	2.72	45.49	2.75	45.26	2.76	45.07	2.76	44.13	2.78
	-13	-13.4	21.09	2.14	20.62	2.21	20.03	2.28	19.71	2.32	19.44	2.36	18.74	2.43
	-4	-4.4	23.47	2.28	22.94	2.36	22.29	2.43	21.92	2.47	21.63	2.51	20.84	2.58
	0	-0.4	24.63	2.36	24.08	2.44	23.39	2.52	23.01	2.56	22.70	2.59	21.88	2.67
	5	4.5	26.09	2.46	25.50	2.54	24.78	2.62	24.37	2.66	24.05	2.70	23.17	2.78
	10	9	28.09	2.70	27.46	2.79	26.68	2.88	26.24	2.93	25.89	2.97	24.95	3.05
	17	15	30.76	2.87	30.07	2.97	29.21	3.06	28.74	3.12	28.35	3.16	27.32	3.25
	20	19	33.04	2.88	32.30	2.97	31.38	3.07	30.87	3.12	30.46	3.16	29.35	3.26
	25	23	35.32	2.88	34.53	2.98	33.55	3.08	33.00	3.13	32.56	3.17	31.37	3.27
	30	28	38.17	2.89	37.32	2.99	36.25	3.08	35.66	3.14	35.19	3.18	33.91	3.27
	35	32	40.45	2.90	39.55	2.99	38.42	3.09	37.79	3.14	37.29	3.19	35.93	3.28
	40	36	42.73	2.90	41.78	3.00	40.58	3.10	39.92	3.15	39.39	3.19	37.96	3.29
	45	41	45.58	2.91	44.57	3.01	43.29	3.10	42.58	3.16	42.02	3.20	40.49	3.30
	47	43	46.72	2.91	45.68	3.01	44.38	3.11	43.65	3.16	43.07	3.20	41.50	3.30
	50	46	46.86	2.90	45.92	2.98	44.78	3.07	44.13	3.11	43.61	3.15	42.14	3.24
	55	51	47.09	2.86	46.31	2.94	45.45	3.01	44.93	3.04	44.52	3.07	43.20	3.13
	60	56	47.32	2.83	46.70	2.89	46.13	2.94	45.73	2.96	45.42	2.98	44.26	3.03
	63	59	47.46	2.82	46.94	2.86	46.53	2.90	46.21	2.92	45.96	2.93	44.89	2.97
	68	64	47.59	2.80	47.18	2.83	46.94	2.87	46.70	2.87	46.51	2.88	45.54	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 40: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	21.75	2.24	21.26	2.31	20.65	2.39	20.32	2.43	20.05	2.46	19.32	2.53
	-4	-4.4	24.19	2.38	23.65	2.46	22.98	2.54	22.60	2.58	22.30	2.62	21.49	2.70
	0	-0.4	25.39	2.46	24.83	2.55	24.12	2.63	23.72	2.67	23.41	2.71	22.56	2.79
	5	4.5	26.89	2.56	26.29	2.65	25.54	2.73	25.13	2.78	24.79	2.82	23.89	2.90
	10	9	28.96	2.82	28.31	2.91	27.50	3.00	27.05	3.06	26.69	3.10	25.72	3.19
	17	15	31.71	3.00	31.00	3.10	30.12	3.20	29.63	3.25	29.23	3.30	28.17	3.40
	20	19	34.06	3.01	33.30	3.11	32.35	3.21	31.82	3.26	31.40	3.30	30.26	3.40
	25	23	36.41	3.01	35.60	3.11	34.58	3.21	34.02	3.27	33.57	3.31	32.35	3.41
	30	28	39.35	3.02	38.47	3.12	37.37	3.22	36.76	3.28	36.27	3.32	34.96	3.42
	35	32	41.70	3.03	40.77	3.13	39.61	3.23	38.96	3.28	38.44	3.33	37.04	3.43
	40	36	44.05	3.03	43.07	3.13	41.84	3.23	41.16	3.29	40.61	3.33	39.13	3.43
	45	41	46.99	3.04	45.94	3.14	44.63	3.24	43.90	3.30	43.32	3.34	41.74	3.44
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
37	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03
	-13	-13.4	21.99	2.28	21.50	2.35	20.88	2.43	20.54	2.47	20.27	2.50	19.53	2.58
	-4	-4.4	24.46	2.43	23.91	2.51	23.23	2.59	22.85	2.63	22.55	2.67	21.73	2.75
	0	-0.4	25.68	2.51	25.10	2.59	24.38	2.67	23.99	2.72	23.67	2.76	22.81	2.84
	5	4.5	27.19	2.61	26.59	2.70	25.83	2.78	25.40	2.83	25.07	2.87	24.16	2.96
	10	9	29.28	2.87	28.63	2.96	27.81	3.06	27.35	3.11	26.99	3.15	26.01	3.25
	17	15	32.06	3.05	31.35	3.16	30.45	3.26	29.95	3.31	29.56	3.36	28.48	3.46
	20	19	34.44	3.06	33.67	3.16	32.71	3.26	32.18	3.32	31.75	3.36	30.59	3.47
	25	23	36.82	3.07	36.00	3.17	34.97	3.27	34.40	3.33	33.94	3.37	32.70	3.47
	30	28	39.79	3.07	38.90	3.18	37.79	3.28	37.17	3.33	36.68	3.38	35.34	3.48
	35	32	42.17	3.08	41.22	3.18	40.05	3.28	39.39	3.34	38.87	3.39	37.46	3.49
	40	36	44.54	3.09	43.55	3.19	42.30	3.29	41.61	3.35	41.06	3.39	39.57	3.50
	45	41	47.52	3.10	46.45	3.20	45.13	3.30	44.39	3.36	43.80	3.40	42.21	3.50
	47	43	48.70	3.10	47.62	3.20	46.26	3.30	45.50	3.36	44.90	3.41	43.26	3.51
38	50	46	48.85	3.08	47.86	3.17	46.68	3.26	46.00	3.31	45.46	3.35	43.93	3.44
	55	51	49.09	3.05	48.27	3.12	47.38	3.20	46.84	3.23	46.40	3.26	45.03	3.33
	60	56	49.32	3.01	48.68	3.07	48.08	3.13	47.67	3.15	47.34	3.17	46.13	3.22
	63	59	49.47	2.99	48.93	3.04	48.51	3.09	48.17	3.10	47.91	3.12	46.79	3.15
	68	64	49.61	2.97	49.18	3.01	48.93	3.05	48.68	3.06	48.48	3.06	47.47	3.09
	-13	-13.4	22.23	2.33	21.73	2.40	21.11	2.48	20.77	2.52	20.49	2.56	19.75	2.63
	-4	-4.4	24.73	2.48	24.18	2.56	23.49	2.64	23.10	2.69	22.80	2.72	21.97	2.80
	0	-0.4	25.96	2.56	25.38	2.65	24.65	2.73	24.25	2.78	23.93	2.81	23.06	2.90
	5	4.5	27.49	2.67	26.88	2.75	26.11	2.84	25.68	2.89	25.34	2.93	24.42	3.02
	10	9	29.60	2.93	28.94	3.03	28.11	3.12	27.65	3.18	27.29	3.22	26.29	3.32
	17	15	32.42	3.12	31.69	3.22	30.79	3.32	30.28	3.38	29.88	3.43	28.79	3.53
	20	19	34.82	3.12	34.04	3.23	33.07	3.33	32.53	3.39	32.10	3.43	30.93	3.54
	25	23	37.22	3.13	36.39	3.23	35.35	3.34	34.77	3.40	34.31	3.44	33.06	3.55
	30	28	40.23	3.14	39.33	3.24	38.20	3.35	37.58	3.40	37.08	3.45	35.73	3.55
	35	32	42.63	3.15	41.68	3.25	40.49	3.35	39.83	3.41	39.30	3.46	37.87	3.56
	40	36	45.03	3.15	44.03	3.26	42.77	3.36	42.07	3.42	41.51	3.46	40.00	3.57
	45	41	48.04	3.16	46.96	3.26	45.62	3.37	44.88	3.43	44.28	3.47	42.67	3.58
	47	43	49.24	3.16	48.14	3.27	46.76	3.37	46.00	3.43	45.39	3.48	43.74	3.58
	50	46	49.38	3.14	48.39	3.24	47.19	3.33	46.51	3.38	45.96	3.42	44.41	3.51
	55	51	49.63	3.11	48.80	3.19	47.90	3.26	47.35	3.30	46.91	3.33	45.52	3.40
	60	56	49.87	3.08	49.22	3.14	48.61	3.19	48.20	3.22	47.86	3.24	46.64	3.29
	63	59	50.01	3.06	49.47	3.11	49.04	3.15	48.70	3.17	48.43	3.18	47.31	3.22
	68	64	50.16	3.04	49.72	3.08	49.47	3.11	49.22	3.12	49.01	3.13	47.99	3.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 41: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	22.47	2.37	21.97	2.45	21.34	2.52	20.99	2.57	20.71	2.60	19.96	2.68
	-4	-4.4	25.00	2.52	24.44	2.60	23.74	2.69	23.35	2.73	23.04	2.77	22.21	2.85
	0	-0.4	26.24	2.61	25.65	2.69	24.92	2.78	24.51	2.83	24.19	2.86	23.31	2.95
	5	4.5	27.79	2.71	27.17	2.80	26.39	2.89	25.96	2.94	25.62	2.98	24.69	3.07
	10	9	29.92	2.98	29.26	3.08	28.42	3.18	27.96	3.23	27.58	3.28	26.58	3.37
	17	15	32.77	3.17	32.04	3.28	31.12	3.38	30.61	3.44	30.21	3.49	29.11	3.59
	20	19	35.20	3.18	34.41	3.28	33.43	3.39	32.88	3.45	32.45	3.49	31.27	3.60
	25	23	37.63	3.19	36.79	3.29	35.74	3.40	35.15	3.45	34.68	3.50	33.42	3.61
	30	28	40.66	3.19	39.76	3.30	38.62	3.41	37.99	3.46	37.48	3.51	36.12	3.62
	35	32	43.09	3.20	42.13	3.31	40.93	3.41	40.26	3.47	39.72	3.52	38.28	3.62
	40	36	45.52	3.21	44.51	3.31	43.23	3.42	42.53	3.48	41.96	3.52	40.44	3.63
	45	41	48.56	3.21	47.48	3.32	46.12	3.43	45.37	3.49	44.76	3.53	43.13	3.64
	47	43	49.78	3.22	48.66	3.32	47.27	3.43	46.50	3.49	45.88	3.54	44.21	3.64
	50	46	49.92	3.20	48.91	3.29	47.70	3.39	47.01	3.44	46.46	3.48	44.89	3.57
	55	51	50.16	3.16	49.33	3.24	48.42	3.32	47.87	3.36	47.42	3.39	46.02	3.46
	60	56	50.41	3.13	49.75	3.19	49.14	3.25	48.72	3.27	48.38	3.29	47.15	3.34
40	63	59	50.55	3.11	50.00	3.16	49.57	3.21	49.23	3.22	48.96	3.24	47.82	3.28
	68	64	50.70	3.09	50.26	3.13	50.01	3.17	49.75	3.17	49.55	3.18	48.51	3.21
	-13	-13.4	22.71	2.41	22.20	2.49	21.57	2.57	21.22	2.62	20.94	2.65	20.17	2.73
	-4	-4.4	25.27	2.57	24.70	2.66	24.00	2.74	23.60	2.79	23.29	2.83	22.44	2.91
	0	-0.4	26.52	2.66	25.93	2.75	25.19	2.83	24.78	2.88	24.45	2.92	23.56	3.01
	5	4.5	28.09	2.77	27.46	2.86	26.68	2.95	26.24	3.00	25.89	3.04	24.95	3.13
	10	9	30.25	3.04	29.57	3.14	28.73	3.24	28.26	3.30	27.88	3.34	26.87	3.44
	17	15	33.12	3.24	32.38	3.34	31.46	3.45	30.94	3.51	30.53	3.56	29.42	3.66
	20	19	35.58	3.24	34.78	3.35	33.79	3.46	33.24	3.52	32.79	3.56	31.60	3.67
	25	23	38.03	3.25	37.18	3.36	36.12	3.46	35.53	3.52	35.06	3.57	33.78	3.68
	30	28	41.10	3.26	40.18	3.37	39.04	3.47	38.40	3.53	37.89	3.58	36.51	3.69
	35	32	43.56	3.26	42.58	3.37	41.37	3.48	40.69	3.54	40.15	3.59	38.69	3.70
	40	36	46.01	3.27	44.98	3.38	43.70	3.49	42.99	3.55	42.41	3.60	40.87	3.70
	45	41	49.08	3.28	47.99	3.39	46.61	3.50	45.85	3.56	45.24	3.60	43.60	3.71
	47	43	50.31	3.28	49.19	3.39	47.78	3.50	47.00	3.56	46.38	3.61	44.69	3.72
	50	46	50.46	3.26	49.44	3.36	48.22	3.46	47.52	3.51	46.96	3.55	45.37	3.65
41	55	51	50.70	3.23	49.86	3.31	48.94	3.39	48.38	3.42	47.93	3.45	46.51	3.53
	60	56	50.95	3.19	50.29	3.25	49.67	3.31	49.24	3.34	48.90	3.36	47.65	3.41
	63	59	51.10	3.17	50.54	3.22	50.10	3.27	49.76	3.29	49.49	3.30	48.34	3.34
	68	64	51.25	3.15	50.80	3.19	50.54	3.23	50.29	3.24	50.08	3.25	49.03	3.27
	-13	-13.4	22.95	2.46	22.44	2.54	21.80	2.62	21.44	2.67	21.16	2.71	20.39	2.79
	-4	-4.4	25.54	2.62	24.97	2.71	24.25	2.79	23.86	2.84	23.54	2.88	22.68	2.97
	0	-0.4	26.80	2.71	26.20	2.80	25.46	2.89	25.04	2.94	24.71	2.98	23.81	3.07
	5	4.5	28.39	2.82	27.75	2.91	26.96	3.01	26.52	3.06	26.17	3.10	25.22	3.19
	10	9	30.57	3.10	29.88	3.20	29.03	3.30	28.56	3.36	28.18	3.41	27.15	3.51
	17	15	33.47	3.30	32.73	3.41	31.79	3.52	31.27	3.58	30.86	3.63	29.73	3.74
	20	19	35.96	3.31	35.15	3.42	34.15	3.53	33.59	3.59	33.14	3.63	31.94	3.74
	25	23	38.44	3.31	37.58	3.42	36.50	3.53	35.91	3.59	35.43	3.64	34.14	3.75
	30	28	41.54	3.32	40.61	3.43	39.45	3.54	38.81	3.60	38.29	3.65	36.90	3.76
	35	32	44.02	3.33	43.04	3.44	41.81	3.55	41.12	3.61	40.58	3.66	39.10	3.77
	40	36	46.50	3.34	45.46	3.45	44.16	3.56	43.44	3.62	42.87	3.67	41.31	3.78
	45	41	49.60	3.34	48.50	3.45	47.11	3.56	46.34	3.63	45.72	3.68	44.06	3.79
	47	43	50.85	3.35	49.71	3.46	48.29	3.57	47.50	3.63	46.87	3.68	45.16	3.79
	50	46	50.99	3.33	49.97	3.43	48.73	3.52	48.02	3.58	47.46	3.62	45.86	3.72
	55	51	51.24	3.29	50.39	3.37	49.46	3.45	48.90	3.49	48.44	3.52	47.01	3.60
	60	56	51.49	3.26	50.82	3.32	50.20	3.38	49.77	3.40	49.42	3.43	48.16	3.48
	63	59	51.64	3.23	51.08	3.29	50.64	3.34	50.29	3.35	50.01	3.37	48.85	3.41
	68	64	51.79	3.21	51.34	3.25	51.08	3.29	50.82	3.30	50.61	3.31	49.55	3.34

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 42: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
43	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40
	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
44	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40
	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 43: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
46	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40
	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
47	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40
	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.6 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 44: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
49	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40
	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
50	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40
	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 45: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
51	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
52	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40
	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
53	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40
	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 46: KUMXA421A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
55	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40
	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
56	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40
	-13	-13.4	23.20	2.51	22.68	2.59	22.03	2.68	21.67	2.72	21.38	2.76	20.60	2.84
	-4	-4.4	25.80	2.67	25.23	2.76	24.51	2.85	24.11	2.90	23.79	2.94	22.92	3.03
	0	-0.4	27.09	2.76	26.48	2.85	25.72	2.95	25.30	3.00	24.97	3.04	24.06	3.13
	5	4.5	28.69	2.88	28.05	2.97	27.25	3.07	26.80	3.12	26.44	3.16	25.48	3.26
	10	9	30.89	3.16	30.20	3.26	29.34	3.37	28.86	3.43	28.47	3.47	27.44	3.58
	17	15	33.83	3.36	33.07	3.48	32.12	3.59	31.60	3.65	31.18	3.70	30.05	3.81
	20	19	36.33	3.37	35.52	3.48	34.51	3.59	33.94	3.66	33.49	3.70	32.27	3.82
	25	23	38.84	3.38	37.97	3.49	36.89	3.60	36.29	3.66	35.80	3.71	34.50	3.82
	30	28	41.98	3.39	41.04	3.50	39.87	3.61	39.21	3.67	38.69	3.72	37.29	3.83
	35	32	44.48	3.39	43.49	3.51	42.25	3.62	41.56	3.68	41.00	3.73	39.51	3.84
	40	36	46.99	3.40	45.94	3.51	44.63	3.62	43.90	3.69	43.32	3.74	41.74	3.85
	45	41	50.13	3.41	49.01	3.52	47.61	3.63	46.83	3.70	46.21	3.75	44.53	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 47: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	9.32	0.89	9.11	0.92	8.85	0.95	8.71	0.97	8.59	0.98	8.28	1.01
	-4	-4.4	10.85	0.98	10.61	1.01	10.30	1.04	10.14	1.06	10.00	1.08	9.64	1.11
	0	-0.4	11.53	1.01	11.27	1.04	10.95	1.08	10.77	1.10	10.62	1.11	10.24	1.14
	5	4.5	12.37	1.05	12.10	1.08	11.75	1.12	11.56	1.14	11.40	1.15	10.99	1.19
	10	9	13.32	1.11	13.02	1.14	12.65	1.18	12.44	1.20	12.28	1.22	11.83	1.25
	17	15	14.59	1.15	14.26	1.19	13.85	1.23	13.63	1.25	13.45	1.26	12.96	1.30
	20	19	15.67	1.17	15.32	1.21	14.88	1.25	14.64	1.27	14.44	1.29	13.92	1.33
	25	23	16.75	1.19	16.38	1.23	15.91	1.27	15.65	1.29	15.44	1.31	14.88	1.35
	30	28	18.10	1.22	17.70	1.26	17.19	1.30	16.91	1.32	16.69	1.34	16.08	1.38
	35	32	19.18	1.24	18.76	1.28	18.22	1.32	17.92	1.34	17.68	1.36	17.04	1.40
	40	36	20.27	1.26	19.81	1.30	19.25	1.34	18.93	1.36	18.68	1.38	18.00	1.42
	45	41	21.62	1.28	21.13	1.32	20.53	1.37	20.19	1.39	19.93	1.41	19.20	1.45
	47	43	22.16	1.29	21.66	1.33	21.04	1.38	20.70	1.40	20.42	1.42	19.68	1.46
	50	46	22.22	1.28	21.77	1.32	21.24	1.36	20.93	1.38	20.68	1.40	19.98	1.43
	55	51	22.33	1.27	21.96	1.30	21.56	1.33	21.31	1.35	21.11	1.36	20.49	1.39
	60	56	22.44	1.26	22.15	1.28	21.88	1.30	21.69	1.31	21.54	1.32	20.99	1.34
19	63	59	22.51	1.25	22.26	1.27	22.07	1.29	21.92	1.29	21.80	1.30	21.29	1.31
	68	64	22.57	1.24	22.37	1.26	22.26	1.27	22.15	1.27	22.06	1.28	21.59	1.29
	-13	-13.4	9.93	0.97	9.71	1.00	9.43	1.03	9.28	1.05	9.15	1.06	8.82	1.09
	-4	-4.4	11.56	1.06	11.30	1.09	10.98	1.13	10.80	1.14	10.65	1.16	10.27	1.20
	0	-0.4	12.28	1.09	12.00	1.13	11.66	1.16	11.47	1.18	11.32	1.20	10.91	1.23
	5	4.5	13.18	1.13	12.88	1.17	12.52	1.21	12.31	1.23	12.15	1.24	11.71	1.28
	10	9	14.19	1.19	13.87	1.23	13.48	1.27	13.26	1.30	13.08	1.31	12.60	1.35
	17	15	15.54	1.24	15.19	1.28	14.76	1.32	14.52	1.35	14.32	1.36	13.80	1.40
	20	19	16.69	1.26	16.32	1.30	15.85	1.35	15.59	1.37	15.39	1.39	14.83	1.43
	25	23	17.84	1.28	17.44	1.33	16.95	1.37	16.67	1.39	16.45	1.41	15.85	1.45
	30	28	19.28	1.31	18.85	1.35	18.31	1.40	18.01	1.42	17.77	1.44	17.13	1.48
	35	32	20.43	1.33	19.98	1.38	19.41	1.42	19.09	1.45	18.84	1.47	18.15	1.51
	40	36	21.59	1.35	21.10	1.40	20.50	1.44	20.17	1.47	19.90	1.49	19.17	1.53
	45	41	23.03	1.38	22.51	1.43	21.87	1.47	21.51	1.50	21.23	1.52	20.45	1.56
	47	43	23.60	1.39	23.08	1.44	22.42	1.48	22.05	1.51	21.76	1.53	20.97	1.58
	50	46	23.67	1.38	23.19	1.43	22.62	1.47	22.29	1.49	22.03	1.51	21.29	1.55
20	55	51	23.79	1.37	23.39	1.40	22.96	1.44	22.70	1.45	22.49	1.47	21.82	1.50
	60	56	23.90	1.35	23.59	1.38	23.30	1.41	23.10	1.42	22.94	1.42	22.36	1.45
	63	59	23.97	1.35	23.71	1.37	23.51	1.39	23.35	1.39	23.22	1.40	22.68	1.42
	68	64	24.04	1.34	23.83	1.35	23.71	1.37	23.59	1.37	23.49	1.38	23.00	1.39
	-13	-13.4	10.54	1.04	10.30	1.07	10.01	1.10	9.85	1.12	9.71	1.14	9.36	1.17
	-4	-4.4	12.27	1.13	11.99	1.17	11.65	1.21	11.46	1.23	11.31	1.24	10.90	1.28
	0	-0.4	13.03	1.17	12.74	1.21	12.37	1.25	12.17	1.27	12.01	1.28	11.57	1.32
	5	4.5	13.99	1.21	13.67	1.25	13.28	1.29	13.07	1.32	12.89	1.33	12.42	1.37
	10	9	15.06	1.28	14.72	1.32	14.30	1.37	14.07	1.39	13.88	1.41	13.38	1.45
	17	15	16.49	1.33	16.12	1.38	15.66	1.42	15.41	1.44	15.20	1.46	14.65	1.51
	20	19	17.71	1.35	17.32	1.40	16.82	1.44	16.55	1.47	16.33	1.49	15.73	1.53
	25	23	18.94	1.38	18.51	1.42	17.98	1.47	17.69	1.49	17.45	1.51	16.82	1.56
	30	28	20.46	1.41	20.01	1.45	19.43	1.50	19.12	1.53	18.86	1.55	18.18	1.59
	35	32	21.69	1.43	21.20	1.48	20.60	1.52	20.26	1.55	19.99	1.57	19.26	1.62
	40	36	22.91	1.45	22.40	1.50	21.76	1.55	21.40	1.58	21.12	1.60	20.35	1.65
	45	41	24.44	1.48	23.89	1.53	23.21	1.58	22.83	1.61	22.53	1.63	21.71	1.68
	47	43	25.05	1.49	24.49	1.54	23.79	1.59	23.40	1.62	23.09	1.64	22.25	1.69
	50	46	25.12	1.48	24.61	1.53	24.01	1.57	23.66	1.60	23.38	1.62	22.59	1.66
	55	51	25.24	1.47	24.83	1.50	24.37	1.54	24.09	1.56	23.86	1.57	23.16	1.61
	60	56	25.37	1.45	25.04	1.48	24.73	1.51	24.52	1.52	24.35	1.53	23.73	1.55
	63	59	25.44	1.44	25.16	1.47	24.95	1.49	24.78	1.50	24.64	1.50	24.07	1.52
	68	64	25.51	1.43	25.29	1.45	25.16	1.47	25.04	1.47	24.93	1.48	24.41	1.49

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 48: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	11.15	1.11	10.90	1.14	10.59	1.18	10.41	1.20	10.28	1.22	9.90	1.25
	-4	-4.4	12.97	1.21	12.68	1.25	12.32	1.29	12.12	1.31	11.96	1.33	11.52	1.37
	0	-0.4	13.78	1.25	13.47	1.29	13.09	1.33	12.87	1.35	12.70	1.37	12.24	1.41
	5	4.5	14.79	1.30	14.46	1.34	14.05	1.38	13.82	1.41	13.64	1.43	13.14	1.47
	10	9	15.93	1.37	15.57	1.41	15.13	1.46	14.88	1.48	14.68	1.50	14.15	1.55
	17	15	17.44	1.42	17.05	1.47	16.56	1.52	16.29	1.54	16.08	1.56	15.49	1.61
	20	19	18.73	1.45	18.32	1.49	17.79	1.54	17.50	1.57	17.27	1.59	16.64	1.64
	25	23	20.03	1.47	19.58	1.52	19.02	1.57	18.71	1.60	18.46	1.62	17.79	1.67
	30	28	21.64	1.50	21.16	1.55	20.56	1.60	20.22	1.63	19.95	1.65	19.23	1.70
	35	32	22.94	1.53	22.42	1.58	21.78	1.63	21.43	1.66	21.14	1.68	20.37	1.73
	40	36	24.23	1.55	23.69	1.60	23.01	1.65	22.64	1.68	22.34	1.71	21.52	1.76
	45	41	25.85	1.58	25.27	1.64	24.55	1.69	24.15	1.72	23.83	1.74	22.96	1.79
	47	43	26.49	1.60	25.90	1.65	25.16	1.70	24.75	1.73	24.42	1.75	23.53	1.81
	50	46	26.57	1.59	26.03	1.63	25.39	1.68	25.02	1.71	24.73	1.73	23.89	1.77
	55	51	26.70	1.57	26.26	1.61	25.77	1.65	25.48	1.66	25.24	1.68	24.49	1.71
22	60	56	26.83	1.55	26.48	1.58	26.16	1.61	25.93	1.62	25.75	1.63	25.09	1.66
	63	59	26.91	1.54	26.61	1.57	26.38	1.59	26.20	1.60	26.06	1.60	25.45	1.62
	68	64	26.99	1.53	26.75	1.55	26.62	1.57	26.48	1.57	26.37	1.58	25.82	1.59
	-13	-13.4	11.76	1.18	11.49	1.22	11.16	1.25	10.98	1.28	10.84	1.29	10.44	1.33
	-4	-4.4	13.68	1.29	13.37	1.33	12.99	1.37	12.78	1.39	12.61	1.41	12.15	1.46
	0	-0.4	14.53	1.33	14.21	1.37	13.80	1.42	13.58	1.44	13.40	1.46	12.91	1.50
	5	4.5	15.60	1.38	15.25	1.42	14.81	1.47	14.57	1.50	14.38	1.52	13.86	1.56
	10	9	16.80	1.46	16.42	1.50	15.95	1.55	15.69	1.58	15.48	1.60	14.92	1.65
	17	15	18.39	1.51	17.98	1.56	17.47	1.61	17.18	1.64	16.95	1.66	16.34	1.71
	20	19	19.76	1.54	19.31	1.59	18.76	1.64	18.46	1.67	18.21	1.69	17.55	1.74
	25	23	21.12	1.56	20.65	1.62	20.06	1.67	19.73	1.70	19.47	1.72	18.76	1.77
	30	28	22.82	1.60	22.31	1.65	21.68	1.70	21.32	1.73	21.04	1.76	20.27	1.81
	35	32	24.19	1.62	23.65	1.68	22.97	1.73	22.60	1.76	22.30	1.79	21.49	1.84
	40	36	25.55	1.65	24.98	1.71	24.27	1.76	23.87	1.79	23.55	1.81	22.70	1.87
	45	41	27.26	1.68	26.65	1.74	25.89	1.79	25.46	1.83	25.12	1.85	24.21	1.91
	47	43	27.94	1.70	27.31	1.75	26.53	1.81	26.10	1.84	25.75	1.86	24.82	1.92
23	50	46	28.02	1.69	27.46	1.74	26.78	1.79	26.39	1.81	26.08	1.84	25.20	1.88
	55	51	28.16	1.67	27.69	1.71	27.18	1.75	26.87	1.77	26.62	1.79	25.83	1.82
	60	56	28.29	1.65	27.93	1.68	27.58	1.71	27.35	1.73	27.16	1.74	26.46	1.76
	63	59	28.38	1.64	28.07	1.67	27.82	1.69	27.63	1.70	27.48	1.71	26.84	1.73
	68	64	28.46	1.63	28.21	1.65	28.07	1.67	27.92	1.67	27.81	1.68	27.23	1.69
	-13	-13.4	12.36	1.25	12.09	1.29	11.74	1.33	11.55	1.35	11.40	1.37	10.98	1.41
	-4	-4.4	14.39	1.36	14.07	1.41	13.66	1.45	13.44	1.48	13.26	1.50	12.78	1.54
	0	-0.4	15.28	1.41	14.94	1.45	14.52	1.50	14.28	1.53	14.09	1.55	13.58	1.59
	5	4.5	16.41	1.46	16.04	1.51	15.58	1.56	15.33	1.58	15.12	1.61	14.57	1.65
	10	9	17.66	1.54	17.27	1.59	16.78	1.65	16.50	1.67	16.28	1.70	15.69	1.75
	17	15	19.34	1.60	18.91	1.66	18.37	1.71	18.07	1.74	17.83	1.76	17.18	1.81
	20	19	20.78	1.63	20.31	1.68	19.73	1.74	19.41	1.77	19.15	1.79	18.46	1.85
	25	23	22.21	1.66	21.72	1.71	21.10	1.77	20.75	1.80	20.48	1.82	19.73	1.88
	30	28	24.01	1.69	23.47	1.75	22.80	1.81	22.43	1.84	22.13	1.86	21.32	1.92
	35	32	25.44	1.72	24.87	1.78	24.16	1.84	23.77	1.87	23.45	1.89	22.60	1.95
	40	36	26.87	1.75	26.27	1.81	25.52	1.86	25.11	1.90	24.77	1.92	23.87	1.98
	45	41	28.67	1.78	28.03	1.84	27.22	1.90	26.78	1.93	26.42	1.96	25.46	2.02
	47	43	29.38	1.80	28.73	1.86	27.91	1.92	27.45	1.95	27.09	1.98	26.10	2.04
	50	46	29.47	1.79	28.88	1.84	28.16	1.89	27.75	1.92	27.43	1.94	26.50	2.00
	55	51	29.61	1.77	29.12	1.81	28.58	1.85	28.26	1.88	27.99	1.89	27.17	1.93
	60	56	29.76	1.75	29.37	1.78	29.01	1.82	28.76	1.83	28.56	1.84	27.83	1.87
	63	59	29.84	1.74	29.52	1.77	29.26	1.79	29.06	1.80	28.90	1.81	28.23	1.83
	68	64	29.93	1.73	29.67	1.75	29.52	1.77	29.37	1.77	29.25	1.78	28.64	1.79

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 49: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	12.97	1.32	12.68	1.37	12.32	1.41	12.12	1.44	11.96	1.45	11.52	1.50
	-4	-4.4	15.10	1.45	14.76	1.49	14.34	1.54	14.10	1.57	13.92	1.59	13.41	1.64
	0	-0.4	16.04	1.49	15.68	1.54	15.23	1.59	14.98	1.62	14.78	1.64	14.24	1.69
	5	4.5	17.21	1.55	16.83	1.60	16.35	1.65	16.08	1.68	15.87	1.71	15.29	1.76
	10	9	18.53	1.64	18.12	1.69	17.60	1.75	17.31	1.78	17.08	1.80	16.46	1.85
	17	15	20.30	1.70	19.84	1.76	19.27	1.81	18.96	1.84	18.71	1.87	18.03	1.93
	20	19	21.80	1.73	21.31	1.79	20.70	1.85	20.37	1.88	20.10	1.90	19.36	1.96
	25	23	23.30	1.76	22.78	1.82	22.13	1.88	21.77	1.91	21.48	1.93	20.70	1.99
	30	28	25.19	1.80	24.62	1.86	23.92	1.92	23.53	1.95	23.22	1.98	22.37	2.04
	35	32	26.69	1.83	26.09	1.89	25.35	1.95	24.93	1.98	24.60	2.01	23.71	2.07
	40	36	28.20	1.86	27.57	1.92	26.78	1.98	26.34	2.01	25.99	2.04	25.04	2.10
	45	41	30.08	1.89	29.40	1.96	28.56	2.02	28.10	2.05	27.72	2.08	26.72	2.14
	47	43	30.83	1.91	30.14	1.97	29.28	2.03	28.80	2.07	28.42	2.10	27.38	2.16
	50	46	30.92	1.90	30.30	1.95	29.55	2.01	29.12	2.04	28.77	2.06	27.80	2.12
	55	51	31.07	1.88	30.55	1.92	29.99	1.97	29.65	1.99	29.37	2.01	28.50	2.05
25	60	56	31.22	1.86	30.81	1.89	30.44	1.93	30.18	1.94	29.97	1.95	29.20	1.98
	63	59	31.31	1.84	30.97	1.87	30.70	1.90	30.49	1.91	30.32	1.92	29.62	1.94
	68	64	31.40	1.83	31.13	1.86	30.97	1.88	30.81	1.88	30.69	1.89	30.04	1.90
	-13	-13.4	13.58	1.40	13.28	1.45	12.90	1.49	12.69	1.52	12.52	1.54	12.06	1.59
	-4	-4.4	15.80	1.53	15.45	1.58	15.01	1.63	14.76	1.66	14.57	1.68	14.04	1.73
	0	-0.4	16.79	1.58	16.41	1.63	15.94	1.68	15.68	1.71	15.48	1.74	14.91	1.79
	5	4.5	18.02	1.64	17.62	1.70	17.11	1.75	16.83	1.78	16.61	1.80	16.01	1.86
	10	9	19.40	1.73	18.97	1.79	18.43	1.85	18.13	1.88	17.89	1.91	17.23	1.96
	17	15	21.25	1.80	20.77	1.86	20.18	1.92	19.85	1.95	19.58	1.98	18.87	2.04
	20	19	22.82	1.83	22.31	1.89	21.67	1.95	21.32	1.99	21.04	2.01	20.27	2.07
	25	23	24.40	1.86	23.85	1.92	23.17	1.99	22.79	2.02	22.49	2.05	21.67	2.11
	30	28	26.37	1.90	25.78	1.96	25.04	2.03	24.63	2.06	24.30	2.09	23.42	2.15
	35	32	27.94	1.93	27.32	2.00	26.54	2.06	26.10	2.10	25.76	2.12	24.82	2.19
	40	36	29.52	1.96	28.86	2.03	28.03	2.09	27.57	2.13	27.21	2.16	26.22	2.22
	45	41	31.49	2.00	30.78	2.07	29.90	2.14	29.41	2.17	29.02	2.20	27.97	2.27
	47	43	32.27	2.02	31.55	2.09	30.65	2.15	30.15	2.19	29.75	2.22	28.67	2.29
26	50	46	32.37	2.01	31.72	2.07	30.93	2.13	30.48	2.16	30.12	2.18	29.11	2.24
	55	51	32.53	1.99	31.99	2.03	31.40	2.08	31.04	2.11	30.75	2.13	29.84	2.17
	60	56	32.68	1.96	32.26	2.00	31.86	2.04	31.59	2.05	31.37	2.07	30.57	2.10
	63	59	32.78	1.95	32.42	1.98	32.14	2.01	31.92	2.02	31.75	2.03	31.01	2.06
	68	64	32.87	1.94	32.59	1.96	32.42	1.99	32.26	1.99	32.12	2.00	31.45	2.01
	-13	-13.4	14.19	1.48	13.87	1.53	13.47	1.57	13.25	1.60	13.08	1.62	12.60	1.67
	-4	-4.4	16.51	1.61	16.14	1.67	15.68	1.72	15.42	1.75	15.22	1.77	14.67	1.83
	0	-0.4	17.54	1.67	17.15	1.72	16.66	1.78	16.39	1.81	16.17	1.83	15.58	1.89
	5	4.5	18.83	1.73	18.41	1.79	17.88	1.85	17.59	1.88	17.35	1.90	16.72	1.96
	10	9	20.27	1.83	19.82	1.89	19.25	1.95	18.94	1.98	18.69	2.01	18.01	2.07
	17	15	22.20	1.90	21.70	1.96	21.08	2.02	20.74	2.06	20.46	2.09	19.72	2.15
	20	19	23.84	1.93	23.31	2.00	22.65	2.06	22.28	2.09	21.98	2.12	21.18	2.19
	25	23	25.49	1.96	24.92	2.03	24.21	2.09	23.81	2.13	23.50	2.16	22.64	2.22
	30	28	27.55	2.01	26.93	2.07	26.16	2.14	25.73	2.18	25.39	2.20	24.47	2.27
	35	32	29.19	2.04	28.54	2.11	27.72	2.17	27.27	2.21	26.91	2.24	25.93	2.31
	40	36	30.84	2.07	30.15	2.14	29.29	2.21	28.81	2.25	28.43	2.28	27.39	2.35
	45	41	32.90	2.11	32.16	2.18	31.24	2.25	30.73	2.29	30.32	2.32	29.22	2.39
	47	43	33.72	2.13	32.97	2.20	32.02	2.27	31.50	2.31	31.08	2.34	29.95	2.41
	50	46	33.82	2.12	33.14	2.18	32.32	2.24	31.85	2.28	31.47	2.30	30.41	2.37
	55	51	33.98	2.09	33.42	2.15	32.80	2.20	32.43	2.22	32.12	2.24	31.17	2.29
	60	56	34.15	2.07	33.70	2.11	33.29	2.15	33.00	2.17	32.78	2.18	31.94	2.21
	63	59	34.25	2.06	33.87	2.09	33.58	2.12	33.35	2.13	33.17	2.14	32.40	2.17
	68	64	34.35	2.05	34.04	2.07	33.88	2.10	33.70	2.10	33.56	2.11	32.86	2.12

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 50: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	14.80	1.56	14.46	1.61	14.05	1.66	13.82	1.69	13.64	1.71	13.14	1.77
	-4	-4.4	17.22	1.71	16.83	1.76	16.35	1.82	16.09	1.85	15.87	1.87	15.29	1.93
	0	-0.4	18.29	1.76	17.88	1.82	17.37	1.88	17.09	1.91	16.86	1.93	16.25	1.99
	5	4.5	19.63	1.83	19.19	1.89	18.65	1.95	18.34	1.98	18.10	2.01	17.44	2.07
	10	9	21.14	1.93	20.67	1.99	20.08	2.06	19.75	2.09	19.49	2.12	18.78	2.19
	17	15	23.15	2.01	22.63	2.07	21.99	2.14	21.63	2.17	21.34	2.20	20.56	2.27
	20	19	24.87	2.04	24.31	2.11	23.62	2.17	23.23	2.21	22.92	2.24	22.09	2.31
	25	23	26.58	2.08	25.99	2.14	25.25	2.21	24.83	2.25	24.50	2.28	23.61	2.35
	30	28	28.73	2.12	28.09	2.19	27.28	2.26	26.84	2.30	26.48	2.33	25.52	2.40
	35	32	30.44	2.15	29.76	2.22	28.91	2.30	28.44	2.34	28.06	2.37	27.04	2.44
	40	36	32.16	2.19	31.44	2.26	30.54	2.33	30.04	2.37	29.64	2.41	28.57	2.48
	45	41	34.31	2.23	33.54	2.31	32.58	2.38	32.05	2.42	31.62	2.45	30.47	2.53
	47	43	35.16	2.25	34.38	2.32	33.40	2.40	32.85	2.44	32.41	2.47	31.23	2.55
	50	46	35.27	2.24	34.56	2.30	33.70	2.37	33.21	2.41	32.82	2.43	31.71	2.50
	55	51	35.44	2.21	34.85	2.27	34.21	2.32	33.82	2.35	33.50	2.37	32.51	2.42
28	60	56	35.61	2.19	35.15	2.23	34.72	2.27	34.42	2.29	34.18	2.30	33.31	2.34
	63	59	35.71	2.17	35.33	2.21	35.02	2.24	34.78	2.25	34.59	2.26	33.78	2.29
	68	64	35.82	2.16	35.50	2.19	35.33	2.21	35.15	2.22	35.00	2.22	34.27	2.24
	-13	-13.4	15.40	1.64	15.06	1.69	14.63	1.74	14.39	1.77	14.20	1.80	13.68	1.85
	-4	-4.4	17.93	1.79	17.53	1.85	17.03	1.91	16.75	1.94	16.52	1.97	15.92	2.03
	0	-0.4	19.04	1.85	18.62	1.91	18.09	1.97	17.79	2.00	17.55	2.03	16.92	2.09
	5	4.5	20.44	1.92	19.98	1.98	19.41	2.05	19.10	2.08	18.84	2.11	18.16	2.17
	10	9	22.01	2.03	21.52	2.09	20.90	2.16	20.56	2.20	20.29	2.23	19.55	2.29
	17	15	24.10	2.10	23.56	2.17	22.89	2.24	22.52	2.28	22.22	2.31	21.41	2.38
	20	19	25.89	2.14	25.31	2.21	24.59	2.28	24.18	2.32	23.86	2.35	23.00	2.42
	25	23	27.67	2.18	27.06	2.25	26.28	2.32	25.85	2.36	25.51	2.39	24.58	2.46
	30	28	29.91	2.22	29.24	2.30	28.40	2.37	27.94	2.41	27.57	2.44	26.57	2.52
	35	32	31.69	2.26	30.99	2.33	30.10	2.41	29.61	2.45	29.22	2.48	28.15	2.56
	40	36	33.48	2.30	32.73	2.37	31.80	2.45	31.28	2.49	30.86	2.52	29.74	2.60
	45	41	35.72	2.34	34.92	2.42	33.92	2.50	33.37	2.54	32.92	2.57	31.72	2.65
	47	43	36.61	2.36	35.79	2.44	34.77	2.52	34.20	2.56	33.75	2.59	32.52	2.67
29	50	46	36.72	2.35	35.98	2.42	35.09	2.49	34.58	2.52	34.17	2.55	33.02	2.62
	55	51	36.90	2.32	36.28	2.38	35.61	2.43	35.20	2.46	34.88	2.48	33.85	2.54
	60	56	37.07	2.30	36.59	2.34	36.14	2.38	35.83	2.40	35.59	2.42	34.68	2.45
	63	59	37.18	2.28	36.78	2.32	36.46	2.35	36.21	2.36	36.01	2.37	35.17	2.40
	68	64	37.29	2.27	36.96	2.30	36.78	2.32	36.59	2.33	36.44	2.33	35.68	2.35
	-13	-13.4	16.01	1.73	15.65	1.78	15.21	1.84	14.96	1.87	14.76	1.90	14.22	1.95
	-4	-4.4	18.63	1.89	18.22	1.95	17.70	2.01	17.41	2.05	17.18	2.07	16.55	2.14
	0	-0.4	19.80	1.95	19.35	2.01	18.80	2.08	18.49	2.11	18.25	2.14	17.58	2.21
	5	4.5	21.25	2.02	20.77	2.09	20.18	2.16	19.85	2.19	19.58	2.22	18.87	2.29
	10	9	22.88	2.14	22.37	2.21	21.73	2.28	21.37	2.32	21.09	2.35	20.32	2.42
	17	15	25.05	2.22	24.49	2.29	23.79	2.37	23.40	2.41	23.09	2.44	22.25	2.51
	20	19	26.91	2.26	26.31	2.33	25.56	2.41	25.14	2.45	24.80	2.48	23.90	2.56
	25	23	28.77	2.30	28.12	2.37	27.32	2.45	26.87	2.49	26.52	2.52	25.55	2.60
	30	28	31.09	2.34	30.39	2.42	29.53	2.50	29.04	2.54	28.66	2.58	27.62	2.65
	35	32	32.95	2.38	32.21	2.46	31.29	2.54	30.78	2.58	30.37	2.62	29.26	2.70
	40	36	34.80	2.42	34.03	2.50	33.05	2.58	32.51	2.63	32.08	2.66	30.91	2.74
	45	41	37.13	2.47	36.30	2.55	35.26	2.63	34.68	2.68	34.22	2.72	32.98	2.80
	47	43	38.05	2.49	37.20	2.57	36.14	2.65	35.55	2.70	35.08	2.74	33.80	2.82
	50	46	38.17	2.47	37.40	2.55	36.47	2.62	35.94	2.66	35.52	2.69	34.32	2.77
	55	51	38.35	2.45	37.72	2.51	37.02	2.57	36.59	2.60	36.25	2.62	35.18	2.68
	60	56	38.54	2.42	38.04	2.47	37.57	2.51	37.25	2.53	36.99	2.55	36.04	2.59
	63	59	38.65	2.41	38.23	2.44	37.90	2.48	37.64	2.49	37.43	2.50	36.56	2.53
	68	64	38.76	2.39	38.42	2.42	38.23	2.45	38.03	2.46	37.88	2.46	37.09	2.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 51: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	16.62	1.81	16.25	1.87	15.78	1.93	15.53	1.96	15.32	1.99	14.76	2.05
	-4	-4.4	19.34	1.98	18.91	2.04	18.37	2.11	18.07	2.15	17.83	2.17	17.18	2.24
	0	-0.4	20.55	2.04	20.09	2.11	19.51	2.18	19.20	2.21	18.94	2.24	18.25	2.31
	5	4.5	22.05	2.12	21.56	2.19	20.94	2.26	20.60	2.30	20.33	2.33	19.59	2.40
	10	9	23.75	2.24	23.22	2.31	22.55	2.39	22.18	2.43	21.89	2.46	21.09	2.54
	17	15	26.00	2.33	25.42	2.40	24.70	2.48	24.29	2.52	23.97	2.56	23.10	2.63
	20	19	27.93	2.37	27.31	2.44	26.53	2.52	26.09	2.57	25.75	2.60	24.81	2.68
	25	23	29.86	2.41	29.19	2.49	28.36	2.57	27.89	2.61	27.52	2.65	26.52	2.72
	30	28	32.27	2.46	31.55	2.54	30.65	2.62	30.15	2.67	29.75	2.70	28.66	2.78
	35	32	34.20	2.50	33.43	2.58	32.48	2.66	31.95	2.71	31.52	2.75	30.38	2.83
	40	36	36.13	2.54	35.32	2.62	34.31	2.71	33.75	2.75	33.30	2.79	32.09	2.87
	45	41	38.53	2.59	37.67	2.67	36.60	2.76	36.00	2.81	35.52	2.85	34.23	2.93
	47	43	39.50	2.61	38.62	2.70	37.51	2.78	36.90	2.83	36.41	2.87	35.09	2.95
	50	46	39.61	2.59	38.82	2.67	37.86	2.75	37.31	2.79	36.87	2.82	35.62	2.90
	55	51	39.81	2.57	39.15	2.63	38.43	2.69	37.98	2.72	37.63	2.75	36.52	2.81
31	60	56	40.00	2.54	39.48	2.59	39.00	2.63	38.66	2.65	38.39	2.67	37.41	2.71
	63	59	40.12	2.52	39.68	2.56	39.34	2.60	39.07	2.61	38.85	2.62	37.95	2.66
	68	64	40.23	2.51	39.88	2.54	39.68	2.57	39.48	2.57	39.32	2.58	38.49	2.60
	-13	-13.4	17.23	1.89	16.84	1.95	16.36	2.02	16.09	2.05	15.88	2.08	15.30	2.14
	-4	-4.4	20.05	2.07	19.60	2.14	19.04	2.21	18.73	2.24	18.48	2.27	17.81	2.34
	0	-0.4	21.30	2.14	20.82	2.21	20.23	2.28	19.90	2.32	19.63	2.35	18.92	2.42
	5	4.5	22.86	2.22	22.35	2.29	21.71	2.36	21.36	2.41	21.07	2.44	20.31	2.51
	10	9	24.62	2.34	24.07	2.42	23.38	2.50	23.00	2.54	22.69	2.57	21.86	2.65
	17	15	26.95	2.43	26.35	2.51	25.60	2.59	25.18	2.64	24.85	2.67	23.94	2.75
	20	19	28.95	2.47	28.31	2.56	27.50	2.64	27.05	2.68	26.69	2.72	25.72	2.80
	25	23	30.95	2.52	30.26	2.60	29.40	2.68	28.92	2.73	28.53	2.77	27.49	2.85
	30	28	33.45	2.57	32.70	2.66	31.77	2.74	31.25	2.79	30.83	2.83	29.71	2.91
	35	32	35.45	2.61	34.66	2.70	33.67	2.79	33.12	2.83	32.68	2.87	31.49	2.96
	40	36	37.45	2.66	36.61	2.74	35.56	2.83	34.98	2.88	34.52	2.92	33.26	3.01
	45	41	39.94	2.71	39.05	2.80	37.94	2.89	37.32	2.94	36.82	2.98	35.48	3.07
	47	43	40.94	2.73	40.03	2.82	38.89	2.91	38.25	2.96	37.74	3.00	36.37	3.09
32	50	46	41.06	2.71	40.24	2.79	39.24	2.87	38.67	2.92	38.22	2.95	36.93	3.03
	55	51	41.26	2.68	40.58	2.75	39.83	2.82	39.37	2.85	39.01	2.87	37.85	2.93
	60	56	41.47	2.65	40.93	2.71	40.42	2.76	40.08	2.78	39.80	2.79	38.78	2.84
	63	59	41.59	2.64	41.13	2.68	40.78	2.72	40.50	2.73	40.27	2.75	39.34	2.78
	68	64	41.71	2.62	41.34	2.65	41.13	2.69	40.92	2.69	40.75	2.70	39.90	2.72
	-13	-13.4	17.84	1.98	17.44	2.05	16.94	2.11	16.66	2.15	16.44	2.18	15.84	2.24
	-4	-4.4	20.76	2.17	20.29	2.24	19.71	2.31	19.39	2.35	19.13	2.38	18.44	2.45
	0	-0.4	22.05	2.24	21.56	2.31	20.94	2.38	20.60	2.43	20.33	2.46	19.59	2.53
	5	4.5	23.67	2.32	23.14	2.40	22.48	2.48	22.11	2.52	21.82	2.55	21.02	2.63
	10	9	25.48	2.45	24.91	2.53	24.20	2.62	23.81	2.66	23.49	2.70	22.64	2.78
	17	15	27.91	2.55	27.28	2.63	26.50	2.72	26.07	2.76	25.72	2.80	24.79	2.88
	20	19	29.98	2.59	29.31	2.68	28.47	2.76	28.00	2.81	27.63	2.85	26.63	2.93
	25	23	32.04	2.64	31.33	2.72	30.43	2.81	29.94	2.86	29.54	2.90	28.46	2.98
	30	28	34.63	2.69	33.86	2.78	32.89	2.87	32.35	2.92	31.92	2.96	30.76	3.05
	35	32	36.70	2.74	35.88	2.83	34.85	2.92	34.28	2.97	33.83	3.01	32.60	3.10
	40	36	38.77	2.78	37.90	2.87	36.82	2.96	36.22	3.02	35.74	3.06	34.44	3.15
	45	41	41.35	2.84	40.43	2.93	39.28	3.02	38.63	3.08	38.12	3.12	36.73	3.21
	47	43	42.39	2.86	41.44	2.95	40.26	3.05	39.60	3.10	39.07	3.14	37.65	3.24
	50	46	42.51	2.84	41.66	2.93	40.62	3.01	40.04	3.06	39.57	3.09	38.23	3.18
	55	51	42.72	2.81	42.01	2.88	41.24	2.95	40.76	2.98	40.38	3.01	39.19	3.07
	60	56	42.93	2.78	42.37	2.83	41.85	2.89	41.49	2.91	41.20	2.93	40.15	2.97
	63	59	43.05	2.76	42.58	2.81	42.22	2.85	41.93	2.86	41.70	2.88	40.73	2.91
	68	64	43.18	2.74	42.80	2.78	42.59	2.81	42.37	2.82	42.19	2.83	41.31	2.85

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 52: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	18.44	2.08	18.03	2.15	17.52	2.21	17.23	2.25	17.00	2.28	16.38	2.35
	-4	-4.4	21.46	2.27	20.98	2.35	20.39	2.42	20.05	2.46	19.79	2.50	19.07	2.57
	0	-0.4	22.80	2.34	22.29	2.42	21.66	2.50	21.30	2.54	21.02	2.58	20.25	2.65
	5	4.5	24.47	2.44	23.93	2.52	23.24	2.60	22.86	2.64	22.56	2.68	21.74	2.76
	10	9	26.35	2.57	25.76	2.66	25.03	2.74	24.62	2.79	24.29	2.83	23.41	2.91
	17	15	28.86	2.67	28.21	2.76	27.41	2.85	26.96	2.90	26.60	2.94	25.63	3.02
	20	19	31.00	2.72	30.30	2.81	29.44	2.90	28.96	2.95	28.57	2.99	27.53	3.08
	25	23	33.14	2.76	32.40	2.86	31.47	2.95	30.96	3.00	30.54	3.04	29.43	3.13
	30	28	35.81	2.82	35.01	2.92	34.01	3.01	33.45	3.06	33.01	3.10	31.81	3.20
	35	32	37.95	2.87	37.10	2.96	36.04	3.06	35.45	3.11	34.98	3.15	33.71	3.25
	40	36	40.09	2.92	39.19	3.01	38.07	3.11	37.45	3.16	36.95	3.20	35.61	3.30
	45	41	42.76	2.97	41.81	3.07	40.61	3.17	39.95	3.22	39.42	3.27	37.99	3.37
	47	43	43.83	3.00	42.85	3.10	41.63	3.19	40.95	3.25	40.41	3.29	38.94	3.39
	50	46	43.96	2.98	43.08	3.07	42.01	3.16	41.40	3.20	40.91	3.24	39.53	3.33
	55	51	44.18	2.95	43.45	3.02	42.64	3.09	42.15	3.13	41.76	3.15	40.53	3.22
	60	56	44.39	2.92	43.81	2.97	43.28	3.03	42.91	3.05	42.61	3.07	41.52	3.11
34	63	59	44.52	2.90	44.04	2.94	43.66	2.99	43.36	3.00	43.12	3.01	42.12	3.05
	68	64	44.65	2.88	44.26	2.91	44.04	2.95	43.81	2.96	43.63	2.96	42.72	2.99
	-13	-13.4	19.05	2.17	18.63	2.24	18.09	2.31	17.80	2.35	17.56	2.38	16.92	2.45
	-4	-4.4	22.17	2.37	21.68	2.45	21.06	2.53	20.71	2.57	20.44	2.60	19.69	2.68
	0	-0.4	23.55	2.45	23.03	2.53	22.37	2.61	22.00	2.65	21.71	2.69	20.92	2.77
	5	4.5	25.28	2.54	24.72	2.62	24.01	2.71	23.62	2.76	23.30	2.79	22.46	2.88
	10	9	27.22	2.68	26.61	2.77	25.85	2.86	25.43	2.91	25.09	2.95	24.18	3.04
	17	15	29.81	2.79	29.14	2.88	28.31	2.97	27.85	3.02	27.48	3.06	26.48	3.15
	20	19	32.02	2.83	31.30	2.93	30.41	3.02	29.91	3.07	29.51	3.12	28.44	3.21
	25	23	34.23	2.88	33.46	2.98	32.51	3.07	31.98	3.13	31.55	3.17	30.40	3.26
	30	28	36.99	2.94	36.16	3.04	35.13	3.14	34.56	3.19	34.10	3.24	32.86	3.33
	35	32	39.20	2.99	38.33	3.09	37.23	3.19	36.62	3.25	36.14	3.29	34.82	3.39
	40	36	41.41	3.04	40.49	3.14	39.33	3.24	38.69	3.30	38.17	3.34	36.78	3.44
	45	41	44.17	3.10	43.19	3.20	41.95	3.31	41.27	3.36	40.72	3.41	39.24	3.51
	47	43	45.28	3.13	44.27	3.23	43.00	3.33	42.30	3.39	41.74	3.44	40.22	3.54
	50	46	45.41	3.11	44.50	3.20	43.39	3.29	42.77	3.34	42.26	3.38	40.84	3.47
	55	51	45.63	3.07	44.88	3.15	44.05	3.22	43.54	3.26	43.14	3.29	41.86	3.36
35	60	56	45.86	3.04	45.26	3.10	44.70	3.16	44.32	3.18	44.01	3.20	42.89	3.25
	63	59	45.99	3.02	45.49	3.07	45.09	3.12	44.79	3.13	44.54	3.14	43.50	3.18
	68	64	46.12	3.00	45.72	3.04	45.49	3.08	45.26	3.08	45.07	3.09	44.13	3.12
	-13	-13.4	19.66	2.26	19.22	2.34	18.67	2.41	18.37	2.45	18.12	2.49	17.46	2.56
	-4	-4.4	22.88	2.47	22.37	2.56	21.73	2.64	21.37	2.68	21.09	2.72	20.32	2.80
	0	-0.4	24.31	2.55	23.76	2.64	23.08	2.72	22.71	2.77	22.40	2.81	21.59	2.89
	5	4.5	26.09	2.65	25.50	2.74	24.78	2.83	24.37	2.88	24.05	2.92	23.17	3.00
	10	9	28.09	2.80	27.46	2.89	26.68	2.99	26.24	3.04	25.89	3.08	24.95	3.17
	17	15	30.76	2.91	30.07	3.01	29.21	3.10	28.74	3.15	28.35	3.20	27.32	3.29
	20	19	33.04	2.96	32.30	3.06	31.38	3.16	30.87	3.21	30.46	3.25	29.35	3.35
	25	23	35.32	3.01	34.53	3.11	33.55	3.21	33.00	3.26	32.56	3.31	31.37	3.41
	30	28	38.17	3.07	37.32	3.18	36.25	3.28	35.66	3.33	35.19	3.38	33.91	3.48
	35	32	40.45	3.12	39.55	3.23	38.42	3.33	37.79	3.39	37.29	3.43	35.93	3.54
	40	36	42.73	3.18	41.78	3.28	40.58	3.39	39.92	3.44	39.39	3.49	37.96	3.60
	45	41	45.58	3.24	44.57	3.35	43.29	3.45	42.58	3.51	42.02	3.56	40.49	3.67
	47	43	46.72	3.26	45.68	3.37	44.38	3.48	43.65	3.54	43.07	3.59	41.50	3.70
	50	46	46.86	3.24	45.92	3.34	44.78	3.44	44.13	3.49	43.61	3.53	42.14	3.63
	55	51	47.09	3.21	46.31	3.29	45.45	3.37	44.93	3.40	44.52	3.44	43.20	3.51
	60	56	47.32	3.18	46.70	3.24	46.13	3.30	45.73	3.32	45.42	3.34	44.26	3.39
	63	59	47.46	3.15	46.94	3.21	46.53	3.25	46.21	3.27	45.96	3.28	44.89	3.32
	68	64	47.59	3.13	47.18	3.17	46.94	3.21	46.70	3.22	46.51	3.23	45.54	3.25

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 53: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	20.27	2.36	19.81	2.44	19.25	2.51	18.93	2.56	18.68	2.59	18.00	2.67
	-4	-4.4	23.59	2.58	23.06	2.66	22.40	2.75	22.04	2.80	21.74	2.84	20.95	2.92
	0	-0.4	25.06	2.66	24.50	2.75	23.80	2.84	23.41	2.89	23.10	2.93	22.26	3.01
	5	4.5	26.89	2.77	26.29	2.86	25.54	2.95	25.13	3.00	24.79	3.04	23.89	3.13
	10	9	28.96	2.92	28.31	3.02	27.50	3.11	27.05	3.17	26.69	3.21	25.72	3.31
	17	15	31.71	3.03	31.00	3.13	30.12	3.23	29.63	3.29	29.23	3.33	28.17	3.43
	20	19	34.06	3.09	33.30	3.19	32.35	3.29	31.82	3.35	31.40	3.39	30.26	3.49
	25	23	36.41	3.14	35.60	3.24	34.58	3.35	34.02	3.40	33.57	3.45	32.35	3.55
	30	28	39.35	3.20	38.47	3.31	37.37	3.42	36.76	3.47	36.27	3.52	34.96	3.63
	35	32	41.70	3.26	40.77	3.36	39.61	3.47	38.96	3.53	38.44	3.58	37.04	3.69
	40	36	44.05	3.31	43.07	3.42	41.84	3.53	41.16	3.59	40.61	3.64	39.13	3.75
	45	41	46.99	3.38	45.94	3.49	44.63	3.60	43.90	3.66	43.32	3.71	41.74	3.82
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
37	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39
	-13	-13.4	20.49	2.39	20.03	2.47	19.46	2.55	19.14	2.59	18.89	2.63	18.20	2.71
	-4	-4.4	23.85	2.61	23.32	2.70	22.65	2.79	22.28	2.84	21.98	2.87	21.18	2.96
	0	-0.4	25.34	2.70	24.77	2.79	24.06	2.88	23.67	2.93	23.35	2.97	22.50	3.05
	5	4.5	27.19	2.80	26.59	2.90	25.83	2.99	25.40	3.04	25.07	3.08	24.16	3.17
	10	9	29.28	2.96	28.63	3.06	27.81	3.16	27.35	3.21	26.99	3.25	26.01	3.35
	17	15	32.06	3.07	31.35	3.17	30.45	3.28	29.95	3.33	29.56	3.38	28.48	3.48
	20	19	34.44	3.13	33.67	3.23	32.71	3.33	32.18	3.39	31.75	3.44	30.59	3.54
	25	23	36.82	3.18	36.00	3.29	34.97	3.39	34.40	3.45	33.94	3.50	32.70	3.60
	30	28	39.79	3.25	38.90	3.35	37.79	3.46	37.17	3.52	36.68	3.57	35.34	3.68
	35	32	42.17	3.30	41.22	3.41	40.05	3.52	39.39	3.58	38.87	3.63	37.46	3.74
	40	36	44.54	3.35	43.55	3.47	42.30	3.58	41.61	3.64	41.06	3.69	39.57	3.80
	45	41	47.52	3.42	46.45	3.53	45.13	3.65	44.39	3.71	43.80	3.76	42.21	3.87
	47	43	48.70	3.45	47.62	3.56	46.26	3.68	45.50	3.74	44.90	3.79	43.26	3.90
38	50	46	48.85	3.43	47.86	3.53	46.68	3.63	46.00	3.69	45.46	3.73	43.93	3.83
	55	51	49.09	3.39	48.27	3.47	47.38	3.56	46.84	3.60	46.40	3.63	45.03	3.71
	60	56	49.32	3.35	48.68	3.42	48.08	3.48	47.67	3.51	47.34	3.53	46.13	3.58
	63	59	49.47	3.33	48.93	3.39	48.51	3.44	48.17	3.45	47.91	3.47	46.79	3.51
	68	64	49.61	3.31	49.18	3.35	48.93	3.39	48.68	3.40	48.48	3.41	47.47	3.44
	-13	-13.4	20.72	2.42	20.26	2.50	19.68	2.58	19.35	2.63	19.10	2.66	18.40	2.74
	-4	-4.4	24.11	2.65	23.57	2.74	22.90	2.82	22.53	2.87	22.23	2.91	21.42	3.00
	0	-0.4	25.61	2.73	25.04	2.82	24.33	2.91	23.93	2.97	23.61	3.01	22.75	3.10
	5	4.5	27.49	2.84	26.88	2.93	26.11	3.03	25.68	3.08	25.34	3.12	24.42	3.22
	10	9	29.60	3.00	28.94	3.10	28.11	3.20	27.65	3.25	27.29	3.30	26.29	3.40
	17	15	32.42	3.11	31.69	3.22	30.79	3.32	30.28	3.38	29.88	3.42	28.79	3.53
	20	19	34.82	3.17	34.04	3.27	33.07	3.38	32.53	3.44	32.10	3.48	30.93	3.59
	25	23	37.22	3.22	36.39	3.33	35.35	3.44	34.77	3.50	34.31	3.54	33.06	3.65
	30	28	40.23	3.29	39.33	3.40	38.20	3.51	37.58	3.57	37.08	3.62	35.73	3.73
	35	32	42.63	3.35	41.68	3.46	40.49	3.57	39.83	3.63	39.30	3.68	37.87	3.79
	40	36	45.03	3.40	44.03	3.51	42.77	3.62	42.07	3.69	41.51	3.74	40.00	3.85
	45	41	48.04	3.47	46.96	3.58	45.62	3.70	44.88	3.76	44.28	3.81	42.67	3.93
	47	43	49.24	3.49	48.14	3.61	46.76	3.73	46.00	3.79	45.39	3.84	43.74	3.96
	50	46	49.38	3.47	48.39	3.58	47.19	3.68	46.51	3.74	45.96	3.78	44.41	3.88
	55	51	49.63	3.44	48.80	3.52	47.90	3.60	47.35	3.65	46.91	3.68	45.52	3.76
	60	56	49.87	3.40	49.22	3.47	48.61	3.53	48.20	3.56	47.86	3.58	46.64	3.63
	63	59	50.01	3.38	49.47	3.43	49.04	3.48	48.70	3.50	48.43	3.51	47.31	3.56
	68	64	50.16	3.36	49.72	3.40	49.47	3.44	49.22	3.45	49.01	3.45	47.99	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 54: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	20.94	2.45	20.48	2.54	19.89	2.62	19.57	2.66	19.31	2.70	18.60	2.78
	-4	-4.4	24.37	2.68	23.83	2.77	23.15	2.86	22.77	2.91	22.47	2.95	21.65	3.04
	0	-0.4	25.89	2.77	25.31	2.86	24.59	2.95	24.19	3.00	23.87	3.04	23.00	3.14
	5	4.5	27.79	2.88	27.17	2.97	26.39	3.07	25.96	3.12	25.62	3.16	24.69	3.26
	10	9	29.92	3.04	29.26	3.14	28.42	3.24	27.96	3.30	27.58	3.34	26.58	3.44
	17	15	32.77	3.16	32.04	3.26	31.12	3.36	30.61	3.42	30.21	3.47	29.11	3.57
	20	19	35.20	3.21	34.41	3.32	33.43	3.42	32.88	3.48	32.45	3.53	31.27	3.64
	25	23	37.63	3.27	36.79	3.37	35.74	3.48	35.15	3.54	34.68	3.59	33.42	3.70
	30	28	40.66	3.33	39.76	3.44	38.62	3.55	37.99	3.62	37.48	3.67	36.12	3.78
	35	32	43.09	3.39	42.13	3.50	40.93	3.61	40.26	3.68	39.72	3.73	38.28	3.84
	40	36	45.52	3.44	44.51	3.56	43.23	3.67	42.53	3.74	41.96	3.79	40.44	3.90
	45	41	48.56	3.51	47.48	3.63	46.12	3.75	45.37	3.81	44.76	3.86	43.13	3.98
	47	43	49.78	3.54	48.66	3.66	47.27	3.77	46.50	3.84	45.88	3.89	44.21	4.01
	50	46	49.92	3.52	48.91	3.62	47.70	3.73	47.01	3.79	46.46	3.83	44.89	3.93
	55	51	50.16	3.48	49.33	3.57	48.42	3.65	47.87	3.69	47.42	3.73	46.02	3.81
	60	56	50.41	3.44	49.75	3.51	49.14	3.58	48.72	3.60	48.38	3.62	47.15	3.68
40	63	59	50.55	3.42	50.00	3.48	49.57	3.53	49.23	3.55	48.96	3.56	47.82	3.60
	68	64	50.70	3.40	50.26	3.44	50.01	3.48	49.75	3.49	49.55	3.50	48.51	3.53
	-13	-13.4	21.17	2.49	20.70	2.57	20.10	2.65	19.78	2.70	19.51	2.73	18.80	2.82
	-4	-4.4	24.64	2.72	24.09	2.81	23.40	2.90	23.01	2.95	22.71	2.99	21.88	3.08
	0	-0.4	26.17	2.81	25.59	2.90	24.86	2.99	24.45	3.04	24.12	3.08	23.25	3.18
	5	4.5	28.09	2.92	27.46	3.01	26.68	3.11	26.24	3.16	25.89	3.20	24.95	3.30
	10	9	30.25	3.08	29.57	3.18	28.73	3.28	28.26	3.34	27.88	3.38	26.87	3.49
	17	15	33.12	3.20	32.38	3.30	31.46	3.41	30.94	3.47	30.53	3.51	29.42	3.62
	20	19	35.58	3.25	34.78	3.36	33.79	3.47	33.24	3.53	32.79	3.57	31.60	3.68
	25	23	38.03	3.31	37.18	3.42	36.12	3.53	35.53	3.59	35.06	3.64	33.78	3.75
	30	28	41.10	3.38	40.18	3.49	39.04	3.60	38.40	3.66	37.89	3.71	36.51	3.82
	35	32	43.56	3.43	42.58	3.55	41.37	3.66	40.69	3.72	40.15	3.77	38.69	3.89
	40	36	46.01	3.49	44.98	3.60	43.70	3.72	42.99	3.78	42.41	3.84	40.87	3.95
	45	41	49.08	3.56	47.99	3.68	46.61	3.79	45.85	3.86	45.24	3.91	43.60	4.03
	47	43	50.31	3.59	49.19	3.71	47.78	3.82	47.00	3.89	46.38	3.94	44.69	4.06
	50	46	50.46	3.56	49.44	3.67	48.22	3.78	47.52	3.83	46.96	3.88	45.37	3.98
41	55	51	50.70	3.53	49.86	3.61	48.94	3.70	48.38	3.74	47.93	3.78	46.51	3.86
	60	56	50.95	3.49	50.29	3.56	49.67	3.62	49.24	3.65	48.90	3.67	47.65	3.73
	63	59	51.10	3.47	50.54	3.52	50.10	3.58	49.76	3.59	49.49	3.61	48.34	3.65
	68	64	51.25	3.44	50.80	3.49	50.54	3.53	50.29	3.54	50.08	3.55	49.03	3.58
	-13	-13.4	21.39	2.52	20.92	2.61	20.32	2.69	19.99	2.74	19.72	2.78	19.00	2.86
	-4	-4.4	24.90	2.76	24.34	2.85	23.65	2.94	23.26	2.99	22.95	3.04	22.12	3.13
	0	-0.4	26.45	2.85	25.86	2.94	25.12	3.04	24.71	3.09	24.38	3.13	23.49	3.23
	5	4.5	28.39	2.96	27.75	3.06	26.96	3.16	26.52	3.21	26.17	3.25	25.22	3.35
	10	9	30.57	3.13	29.88	3.23	29.03	3.33	28.56	3.39	28.18	3.44	27.15	3.54
	17	15	33.47	3.25	32.73	3.35	31.79	3.46	31.27	3.52	30.86	3.57	29.73	3.68
	20	19	35.96	3.30	35.15	3.41	34.15	3.52	33.59	3.58	33.14	3.63	31.94	3.74
	25	23	38.44	3.36	37.58	3.47	36.50	3.58	35.91	3.64	35.43	3.69	34.14	3.80
	30	28	41.54	3.43	40.61	3.54	39.45	3.66	38.81	3.72	38.29	3.77	36.90	3.88
	35	32	44.02	3.49	43.04	3.60	41.81	3.72	41.12	3.78	40.58	3.83	39.10	3.95
	40	36	46.50	3.54	45.46	3.66	44.16	3.78	43.44	3.84	42.87	3.89	41.31	4.01
	45	41	49.60	3.61	48.50	3.73	47.11	3.85	46.34	3.92	45.72	3.97	44.06	4.09
	47	43	50.85	3.64	49.71	3.76	48.29	3.88	47.50	3.95	46.87	4.00	45.16	4.12
	50	46	50.99	3.62	49.97	3.73	48.73	3.84	48.02	3.89	47.46	3.94	45.86	4.05
	55	51	51.24	3.58	50.39	3.67	49.46	3.76	48.90	3.80	48.44	3.83	47.01	3.92
	60	56	51.49	3.54	50.82	3.61	50.20	3.68	49.77	3.71	49.42	3.73	48.16	3.79
	63	59	51.64	3.52	51.08	3.58	50.64	3.63	50.29	3.65	50.01	3.66	48.85	3.71
	68	64	51.79	3.50	51.34	3.54	51.08	3.58	50.82	3.59	50.61	3.60	49.55	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 55: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68
43	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68
44	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 56: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
46	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68
	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
47	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68
	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 57: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
49	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68
	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
50	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68
	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 58: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
51	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68
52	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68
53	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.6 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 59: KUMXA421A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
55	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68
	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06
	45	41	50.13	3.66	49.01	3.78	47.61	3.90	46.83	3.97	46.21	4.02	44.53	4.14
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
56	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68
	-13	-13.4	21.62	2.56	21.14	2.64	20.53	2.73	20.20	2.77	19.93	2.81	19.20	2.90
	-4	-4.4	25.16	2.80	24.60	2.89	23.89	2.98	23.50	3.03	23.19	3.07	22.35	3.17
	0	-0.4	26.73	2.89	26.13	2.98	25.38	3.08	24.97	3.13	24.64	3.17	23.74	3.27
	5	4.5	28.69	3.00	28.05	3.10	27.25	3.20	26.80	3.25	26.44	3.29	25.48	3.39
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.29	33.07	3.40	32.12	3.50	31.60	3.56	31.18	3.61	30.05	3.72
	20	19	36.33	3.34	35.52	3.45	34.51	3.57	33.94	3.63	33.49	3.68	32.27	3.79
	25	23	38.84	3.40	37.97	3.51	36.89	3.63	36.29	3.69	35.80	3.74	34.50	3.85
	30	28	41.98	3.47	41.04	3.59	39.87	3.70	39.21	3.77	38.69	3.82	37.29	3.93
	35	32	44.48	3.53	43.49	3.65	42.25	3.76	41.56	3.83	41.00	3.88	39.51	4.00
	40	36	46.99	3.59	45.94	3.71	44.63	3.83	43.90	3.89	43.32	3.94	41.74	4.06

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 60: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	9.66	0.87	9.45	0.90	9.18	0.93	9.03	0.95	8.91	0.96	8.59	0.99
	-4	-4.4	10.99	0.95	10.75	0.98	10.44	1.01	10.27	1.03	10.13	1.04	9.76	1.07
	0	-0.4	11.61	0.98	11.35	1.01	11.02	1.04	10.84	1.06	10.70	1.07	10.31	1.11
	5	4.5	12.37	1.02	12.10	1.05	11.75	1.08	11.56	1.10	11.40	1.12	10.99	1.15
	10	9	13.32	1.10	13.02	1.13	12.65	1.17	12.44	1.19	12.28	1.20	11.83	1.24
	17	15	14.59	1.15	14.26	1.19	13.85	1.23	13.63	1.25	13.45	1.26	12.96	1.30
	20	19	15.67	1.16	15.32	1.20	14.88	1.24	14.64	1.26	14.44	1.28	13.92	1.32
	25	23	16.75	1.17	16.38	1.21	15.91	1.25	15.65	1.27	15.44	1.29	14.88	1.33
	30	28	18.10	1.19	17.70	1.23	17.19	1.27	16.91	1.29	16.69	1.31	16.08	1.35
	35	32	19.18	1.20	18.76	1.24	18.22	1.28	17.92	1.30	17.68	1.32	17.04	1.36
	40	36	20.27	1.21	19.81	1.25	19.25	1.29	18.93	1.31	18.68	1.33	18.00	1.37
	45	41	21.62	1.22	21.13	1.26	20.53	1.31	20.19	1.33	19.93	1.35	19.20	1.38
	47	43	22.16	1.23	21.66	1.27	21.04	1.31	20.70	1.33	20.42	1.35	19.68	1.39
	50	46	22.22	1.22	21.77	1.26	21.24	1.29	20.93	1.31	20.68	1.33	19.98	1.36
	55	51	22.33	1.21	21.96	1.24	21.56	1.27	21.31	1.28	21.11	1.29	20.49	1.32
19	60	56	22.44	1.20	22.15	1.22	21.88	1.24	21.69	1.25	21.54	1.26	20.99	1.28
	63	59	22.51	1.19	22.26	1.21	22.07	1.23	21.92	1.23	21.80	1.24	21.29	1.25
	68	64	22.57	1.18	22.37	1.20	22.26	1.21	22.15	1.21	22.06	1.22	21.59	1.23
	-13	-13.4	10.30	0.95	10.07	0.98	9.78	1.01	9.62	1.03	9.49	1.04	9.14	1.07
	-4	-4.4	11.71	1.02	11.45	1.05	11.12	1.09	10.94	1.11	10.79	1.12	10.40	1.16
	0	-0.4	12.36	1.06	12.08	1.09	11.74	1.12	11.55	1.14	11.40	1.16	10.98	1.19
	5	4.5	13.18	1.10	12.88	1.13	12.52	1.17	12.31	1.19	12.15	1.20	11.71	1.24
	10	9	14.19	1.18	13.87	1.22	13.48	1.26	13.26	1.28	13.08	1.30	12.60	1.33
	17	15	15.54	1.24	15.19	1.28	14.76	1.32	14.52	1.35	14.32	1.36	13.80	1.40
	20	19	16.69	1.25	16.32	1.29	15.85	1.34	15.59	1.36	15.39	1.38	14.83	1.42
	25	23	17.84	1.26	17.44	1.31	16.95	1.35	16.67	1.37	16.45	1.39	15.85	1.43
	30	28	19.28	1.28	18.85	1.32	18.31	1.37	18.01	1.39	17.77	1.41	17.13	1.45
	35	32	20.43	1.29	19.98	1.34	19.41	1.38	19.09	1.40	18.84	1.42	18.15	1.46
	40	36	21.59	1.30	21.10	1.35	20.50	1.39	20.17	1.42	19.90	1.43	19.17	1.47
	45	41	23.03	1.32	22.51	1.36	21.87	1.41	21.51	1.43	21.23	1.45	20.45	1.49
	47	43	23.60	1.32	23.08	1.37	22.42	1.41	22.05	1.44	21.76	1.46	20.97	1.50
20	50	46	23.67	1.32	23.19	1.36	22.62	1.40	22.29	1.42	22.03	1.44	21.29	1.47
	55	51	23.79	1.30	23.39	1.33	22.96	1.37	22.70	1.38	22.49	1.40	21.82	1.43
	60	56	23.90	1.29	23.59	1.31	23.30	1.34	23.10	1.35	22.94	1.35	22.36	1.38
	63	59	23.97	1.28	23.71	1.30	23.51	1.32	23.35	1.33	23.22	1.33	22.68	1.35
	68	64	24.04	1.27	23.83	1.29	23.71	1.30	23.59	1.31	23.49	1.31	23.00	1.32
	-13	-13.4	10.93	1.01	10.68	1.05	10.38	1.08	10.21	1.10	10.07	1.11	9.70	1.14
	-4	-4.4	12.43	1.09	12.15	1.13	11.80	1.17	11.61	1.19	11.46	1.20	11.04	1.24
	0	-0.4	13.12	1.13	12.83	1.17	12.46	1.20	12.26	1.22	12.09	1.24	11.65	1.28
	5	4.5	13.99	1.17	13.67	1.21	13.28	1.25	13.07	1.27	12.89	1.29	12.42	1.33
	10	9	15.06	1.26	14.72	1.30	14.30	1.35	14.07	1.37	13.88	1.39	13.38	1.43
	17	15	16.49	1.33	16.12	1.37	15.66	1.42	15.41	1.44	15.20	1.46	14.65	1.50
	20	19	17.71	1.34	17.32	1.38	16.82	1.43	16.55	1.45	16.33	1.47	15.73	1.52
	25	23	18.94	1.35	18.51	1.40	17.98	1.44	17.69	1.47	17.45	1.48	16.82	1.53
	30	28	20.46	1.37	20.01	1.41	19.43	1.46	19.12	1.49	18.86	1.51	18.18	1.55
	35	32	21.69	1.38	21.20	1.43	20.60	1.47	20.26	1.50	19.99	1.52	19.26	1.57
	40	36	22.91	1.39	22.40	1.44	21.76	1.49	21.40	1.51	21.12	1.53	20.35	1.58
	45	41	24.44	1.41	23.89	1.46	23.21	1.50	22.83	1.53	22.53	1.55	21.71	1.60
	47	43	25.05	1.42	24.49	1.46	23.79	1.51	23.40	1.54	23.09	1.56	22.25	1.60
	50	46	25.12	1.41	24.61	1.45	24.01	1.49	23.66	1.52	23.38	1.54	22.59	1.58
	55	51	25.24	1.39	24.83	1.43	24.37	1.46	24.09	1.48	23.86	1.49	23.16	1.53
	60	56	25.37	1.38	25.04	1.41	24.73	1.43	24.52	1.44	24.35	1.45	23.73	1.47
	63	59	25.44	1.37	25.16	1.39	24.95	1.41	24.78	1.42	24.64	1.42	24.07	1.44
	68	64	25.51	1.36	25.29	1.38	25.16	1.40	25.04	1.40	24.93	1.40	24.41	1.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 61: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	11.56	1.08	11.30	1.12	10.98	1.15	10.79	1.17	10.65	1.19	10.26	1.22
	-4	-4.4	13.14	1.17	12.85	1.21	12.48	1.24	12.28	1.26	12.11	1.28	11.67	1.32
	0	-0.4	13.88	1.21	13.56	1.25	13.18	1.28	12.96	1.30	12.79	1.32	12.33	1.36
	5	4.5	14.79	1.25	14.46	1.29	14.05	1.33	13.82	1.36	13.64	1.38	13.14	1.42
	10	9	15.93	1.35	15.57	1.39	15.13	1.44	14.88	1.46	14.68	1.48	14.15	1.53
	17	15	17.44	1.42	17.05	1.47	16.56	1.51	16.29	1.54	16.08	1.56	15.49	1.61
	20	19	18.73	1.43	18.32	1.48	17.79	1.53	17.50	1.55	17.27	1.57	16.64	1.62
	25	23	20.03	1.44	19.58	1.49	19.02	1.54	18.71	1.57	18.46	1.59	17.79	1.64
	30	28	21.64	1.46	21.16	1.51	20.56	1.56	20.22	1.59	19.95	1.61	19.23	1.66
	35	32	22.94	1.48	22.42	1.53	21.78	1.58	21.43	1.60	21.14	1.62	20.37	1.67
	40	36	24.23	1.49	23.69	1.54	23.01	1.59	22.64	1.61	22.34	1.64	21.52	1.69
	45	41	25.85	1.51	25.27	1.56	24.55	1.61	24.15	1.64	23.83	1.66	22.96	1.71
	47	43	26.49	1.52	25.90	1.57	25.16	1.61	24.75	1.64	24.42	1.66	23.53	1.72
	50	46	26.57	1.51	26.03	1.55	25.39	1.60	25.02	1.62	24.73	1.64	23.89	1.68
	55	51	26.70	1.49	26.26	1.53	25.77	1.56	25.48	1.58	25.24	1.59	24.49	1.63
22	60	56	26.83	1.47	26.48	1.50	26.16	1.53	25.93	1.54	25.75	1.55	25.09	1.58
	63	59	26.91	1.46	26.61	1.49	26.38	1.51	26.20	1.52	26.06	1.52	25.45	1.54
	68	64	26.99	1.45	26.75	1.47	26.62	1.49	26.48	1.49	26.37	1.50	25.82	1.51
	-13	-13.4	12.19	1.15	11.91	1.19	11.57	1.22	11.38	1.25	11.24	1.26	10.82	1.30
	-4	-4.4	13.86	1.24	13.55	1.28	13.16	1.32	12.95	1.34	12.77	1.36	12.31	1.41
	0	-0.4	14.63	1.28	14.31	1.32	13.90	1.37	13.67	1.39	13.49	1.41	13.00	1.45
	5	4.5	15.60	1.33	15.25	1.37	14.81	1.42	14.57	1.45	14.38	1.47	13.86	1.51
	10	9	16.80	1.44	16.42	1.48	15.95	1.53	15.69	1.56	15.48	1.58	14.92	1.62
	17	15	18.39	1.51	17.98	1.56	17.47	1.61	17.18	1.64	16.95	1.66	16.34	1.71
	20	19	19.76	1.52	19.31	1.57	18.76	1.62	18.46	1.65	18.21	1.67	17.55	1.72
	25	23	21.12	1.54	20.65	1.59	20.06	1.64	19.73	1.67	19.47	1.69	18.76	1.74
	30	28	22.82	1.56	22.31	1.61	21.68	1.66	21.32	1.69	21.04	1.71	20.27	1.76
	35	32	24.19	1.57	23.65	1.62	22.97	1.67	22.60	1.70	22.30	1.73	21.49	1.78
	40	36	25.55	1.59	24.98	1.64	24.27	1.69	23.87	1.72	23.55	1.74	22.70	1.80
	45	41	27.26	1.60	26.65	1.66	25.89	1.71	25.46	1.74	25.12	1.76	24.21	1.82
	47	43	27.94	1.61	27.31	1.66	26.53	1.72	26.10	1.75	25.75	1.77	24.82	1.82
23	50	46	28.02	1.60	27.46	1.65	26.78	1.70	26.39	1.72	26.08	1.75	25.20	1.79
	55	51	28.16	1.59	27.69	1.62	27.18	1.66	26.87	1.68	26.62	1.70	25.83	1.73
	60	56	28.29	1.57	27.93	1.60	27.58	1.63	27.35	1.64	27.16	1.65	26.46	1.67
	63	59	28.38	1.56	28.07	1.58	27.82	1.61	27.63	1.61	27.48	1.62	26.84	1.64
	68	64	28.46	1.55	28.21	1.57	28.07	1.59	27.92	1.59	27.81	1.59	27.23	1.61
	-13	-13.4	12.81	1.22	12.53	1.26	12.17	1.30	11.97	1.32	11.82	1.34	11.38	1.38
	-4	-4.4	14.58	1.31	14.25	1.36	13.84	1.40	13.62	1.43	13.43	1.45	12.95	1.49
	0	-0.4	15.39	1.36	15.04	1.40	14.62	1.45	14.38	1.48	14.19	1.50	13.67	1.54
	5	4.5	16.41	1.41	16.04	1.46	15.58	1.51	15.33	1.53	15.12	1.55	14.57	1.60
	10	9	17.66	1.52	17.27	1.57	16.78	1.62	16.50	1.65	16.28	1.67	15.69	1.72
	17	15	19.34	1.60	18.91	1.65	18.37	1.71	18.07	1.74	17.83	1.76	17.18	1.81
	20	19	20.78	1.61	20.31	1.67	19.73	1.72	19.41	1.75	19.15	1.77	18.46	1.83
	25	23	22.21	1.63	21.72	1.68	21.10	1.74	20.75	1.77	20.48	1.79	19.73	1.85
	30	28	24.01	1.65	23.47	1.70	22.80	1.76	22.43	1.79	22.13	1.81	21.32	1.87
	35	32	25.44	1.66	24.87	1.72	24.16	1.78	23.77	1.81	23.45	1.83	22.60	1.89
	40	36	26.87	1.68	26.27	1.74	25.52	1.79	25.11	1.82	24.77	1.85	23.87	1.90
	45	41	28.67	1.70	28.03	1.76	27.22	1.81	26.78	1.84	26.42	1.87	25.46	1.93
	47	43	29.38	1.71	28.73	1.77	27.91	1.82	27.45	1.85	27.09	1.88	26.10	1.94
	50	46	29.47	1.70	28.88	1.75	28.16	1.80	27.75	1.82	27.43	1.85	26.50	1.90
	55	51	29.61	1.68	29.12	1.72	28.58	1.76	28.26	1.78	27.99	1.80	27.17	1.83
	60	56	29.76	1.66	29.37	1.69	29.01	1.73	28.76	1.74	28.56	1.75	27.83	1.78
	63	59	29.84	1.65	29.52	1.68	29.26	1.70	29.06	1.71	28.90	1.72	28.23	1.74
	68	64	29.93	1.64	29.67	1.66	29.52	1.68	29.37	1.68	29.25	1.69	28.64	1.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 62: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	13.45	1.29	13.15	1.34	12.77	1.38	12.56	1.41	12.40	1.42	11.94	1.47
	-4	-4.4	15.29	1.40	14.95	1.44	14.52	1.49	14.28	1.52	14.10	1.54	13.58	1.58
	0	-0.4	16.15	1.44	15.79	1.49	15.33	1.54	15.08	1.57	14.88	1.59	14.34	1.63
	5	4.5	17.21	1.50	16.83	1.55	16.35	1.60	16.08	1.63	15.87	1.65	15.29	1.70
	10	9	18.53	1.62	18.12	1.67	17.60	1.72	17.31	1.75	17.08	1.78	16.46	1.83
	17	15	20.30	1.70	19.84	1.76	19.27	1.81	18.96	1.84	18.71	1.87	18.03	1.92
	20	19	21.80	1.71	21.31	1.77	20.70	1.83	20.37	1.86	20.10	1.88	19.36	1.94
	25	23	23.30	1.73	22.78	1.79	22.13	1.85	21.77	1.88	21.48	1.90	20.70	1.96
	30	28	25.19	1.75	24.62	1.81	23.92	1.87	23.53	1.90	23.22	1.93	22.37	1.99
	35	32	26.69	1.77	26.09	1.83	25.35	1.89	24.93	1.92	24.60	1.94	23.71	2.00
	40	36	28.20	1.79	27.57	1.85	26.78	1.90	26.34	1.93	25.99	1.96	25.04	2.02
	45	41	30.08	1.80	29.40	1.87	28.56	1.93	28.10	1.96	27.72	1.98	26.72	2.04
	47	43	30.83	1.82	30.14	1.87	29.28	1.93	28.80	1.97	28.42	2.00	27.38	2.05
	50	46	30.92	1.80	30.30	1.86	29.55	1.91	29.12	1.94	28.77	1.96	27.80	2.02
	55	51	31.07	1.79	30.55	1.83	29.99	1.87	29.65	1.89	29.37	1.91	28.50	1.95
25	60	56	31.22	1.77	30.81	1.80	30.44	1.83	30.18	1.84	29.97	1.86	29.20	1.88
	63	59	31.31	1.75	30.97	1.78	30.70	1.81	30.49	1.82	30.32	1.83	29.62	1.85
	68	64	31.40	1.74	31.13	1.77	30.97	1.79	30.81	1.79	30.69	1.80	30.04	1.81
	-13	-13.4	14.08	1.37	13.76	1.42	13.37	1.46	13.15	1.49	12.98	1.51	12.50	1.55
	-4	-4.4	16.01	1.48	15.65	1.53	15.20	1.58	14.95	1.60	14.76	1.62	14.22	1.67
	0	-0.4	16.90	1.53	16.52	1.58	16.05	1.63	15.79	1.66	15.58	1.68	15.01	1.73
	5	4.5	18.02	1.59	17.62	1.64	17.11	1.69	16.83	1.72	16.61	1.74	16.01	1.80
	10	9	19.40	1.71	18.97	1.77	18.43	1.82	18.13	1.85	17.89	1.88	17.23	1.93
	17	15	21.25	1.80	20.77	1.86	20.18	1.92	19.85	1.95	19.58	1.98	18.87	2.04
	20	19	22.82	1.81	22.31	1.87	21.67	1.93	21.32	1.97	21.04	1.99	20.27	2.05
	25	23	24.40	1.83	23.85	1.89	23.17	1.96	22.79	1.99	22.49	2.02	21.67	2.08
	30	28	26.37	1.85	25.78	1.91	25.04	1.98	24.63	2.01	24.30	2.04	23.42	2.10
	35	32	27.94	1.87	27.32	1.94	26.54	2.00	26.10	2.03	25.76	2.06	24.82	2.12
	40	36	29.52	1.89	28.86	1.95	28.03	2.01	27.57	2.05	27.21	2.08	26.22	2.14
	45	41	31.49	1.91	30.78	1.97	29.90	2.04	29.41	2.07	29.02	2.10	27.97	2.16
	47	43	32.27	1.92	31.55	1.99	30.65	2.05	30.15	2.08	29.75	2.11	28.67	2.18
26	50	46	32.37	1.91	31.72	1.97	30.93	2.02	30.48	2.05	30.12	2.07	29.11	2.13
	55	51	32.53	1.89	31.99	1.93	31.40	1.98	31.04	2.00	30.75	2.02	29.84	2.06
	60	56	32.68	1.87	32.26	1.90	31.86	1.94	31.59	1.95	31.37	1.97	30.57	2.00
	63	59	32.78	1.86	32.42	1.88	32.14	1.91	31.92	1.92	31.75	1.93	31.01	1.96
	68	64	32.87	1.84	32.59	1.87	32.42	1.89	32.26	1.89	32.12	1.90	31.45	1.91
	-13	-13.4	14.71	1.44	14.38	1.49	13.97	1.54	13.74	1.56	13.56	1.58	13.06	1.63
	-4	-4.4	16.72	1.55	16.35	1.61	15.88	1.66	15.62	1.69	15.42	1.71	14.86	1.76
	0	-0.4	17.66	1.61	17.27	1.66	16.77	1.72	16.50	1.75	16.28	1.77	15.69	1.82
	5	4.5	18.83	1.67	18.41	1.73	17.88	1.79	17.59	1.81	17.35	1.84	16.72	1.89
	10	9	20.27	1.80	19.82	1.86	19.25	1.92	18.94	1.95	18.69	1.98	18.01	2.04
	17	15	22.20	1.89	21.70	1.95	21.08	2.02	20.74	2.05	20.46	2.08	19.72	2.14
	20	19	23.84	1.91	23.31	1.98	22.65	2.04	22.28	2.07	21.98	2.10	21.18	2.17
	25	23	25.49	1.93	24.92	1.99	24.21	2.05	23.81	2.09	23.50	2.12	22.64	2.18
	30	28	27.55	1.95	26.93	2.02	26.16	2.08	25.73	2.12	25.39	2.14	24.47	2.21
	35	32	29.19	1.97	28.54	2.04	27.72	2.10	27.27	2.14	26.91	2.17	25.93	2.23
	40	36	30.84	1.99	30.15	2.05	29.29	2.12	28.81	2.16	28.43	2.19	27.39	2.25
	45	41	32.90	2.01	32.16	2.08	31.24	2.14	30.73	2.18	30.32	2.21	29.22	2.28
	47	43	33.72	2.02	32.97	2.09	32.02	2.15	31.50	2.19	31.08	2.22	29.95	2.29
	50	46	33.82	2.01	33.14	2.07	32.32	2.13	31.85	2.16	31.47	2.18	30.41	2.25
	55	51	33.98	1.99	33.42	2.04	32.80	2.09	32.43	2.11	32.12	2.13	31.17	2.17
	60	56	34.15	1.97	33.70	2.00	33.29	2.04	33.00	2.06	32.78	2.07	31.94	2.10
	63	59	34.25	1.95	33.87	1.98	33.58	2.01	33.35	2.02	33.17	2.03	32.40	2.06
	68	64	34.35	1.94	34.04	1.97	33.88	1.99	33.70	1.99	33.56	2.00	32.86	2.01

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 63: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	15.34	1.53	14.99	1.57	14.57	1.62	14.33	1.65	14.14	1.67	13.62	1.73
	-4	-4.4	17.44	1.65	17.05	1.70	16.56	1.76	16.30	1.79	16.08	1.81	15.49	1.86
	0	-0.4	18.42	1.70	18.00	1.76	17.49	1.81	17.21	1.84	16.98	1.87	16.36	1.92
	5	4.5	19.63	1.77	19.19	1.83	18.65	1.88	18.34	1.92	18.10	1.94	17.44	2.00
	10	9	21.14	1.90	20.67	1.96	20.08	2.03	19.75	2.06	19.49	2.09	18.78	2.16
	17	15	23.15	2.00	22.63	2.07	21.99	2.13	21.63	2.17	21.34	2.20	20.56	2.26
	20	19	24.87	2.02	24.31	2.09	23.62	2.15	23.23	2.19	22.92	2.22	22.09	2.29
	25	23	26.58	2.04	25.99	2.11	25.25	2.17	24.83	2.21	24.50	2.24	23.61	2.31
	30	28	28.73	2.06	28.09	2.13	27.28	2.20	26.84	2.24	26.48	2.27	25.52	2.34
	35	32	30.44	2.08	29.76	2.15	28.91	2.22	28.44	2.26	28.06	2.29	27.04	2.36
	40	36	32.16	2.10	31.44	2.17	30.54	2.24	30.04	2.28	29.64	2.31	28.57	2.38
	45	41	34.31	2.13	33.54	2.20	32.58	2.27	32.05	2.31	31.62	2.34	30.47	2.41
	47	43	35.16	2.14	34.38	2.21	33.40	2.28	32.85	2.32	32.41	2.35	31.23	2.42
	50	46	35.27	2.13	34.56	2.19	33.70	2.25	33.21	2.29	32.82	2.31	31.71	2.37
	55	51	35.44	2.10	34.85	2.15	34.21	2.20	33.82	2.23	33.50	2.25	32.51	2.30
	60	56	35.61	2.08	35.15	2.12	34.72	2.16	34.42	2.17	34.18	2.19	33.31	2.22
28	63	59	35.71	2.06	35.33	2.10	35.02	2.13	34.78	2.14	34.59	2.15	33.78	2.18
	68	64	35.82	2.05	35.50	2.08	35.33	2.10	35.15	2.11	35.00	2.11	34.27	2.13
	-13	-13.4	15.97	1.60	15.61	1.65	15.17	1.70	14.92	1.73	14.72	1.76	14.18	1.81
	-4	-4.4	18.16	1.73	17.75	1.79	17.25	1.84	16.97	1.87	16.74	1.90	16.13	1.96
	0	-0.4	19.17	1.79	18.75	1.84	18.21	1.90	17.91	1.93	17.67	1.96	17.03	2.02
	5	4.5	20.44	1.86	19.98	1.92	19.41	1.98	19.10	2.01	18.84	2.04	18.16	2.10
	10	9	22.01	2.00	21.52	2.06	20.90	2.13	20.56	2.17	20.29	2.20	19.55	2.26
	17	15	24.10	2.10	23.56	2.17	22.89	2.24	22.52	2.28	22.22	2.31	21.41	2.38
	20	19	25.89	2.12	25.31	2.19	24.59	2.26	24.18	2.30	23.86	2.33	23.00	2.40
	25	23	27.67	2.14	27.06	2.21	26.28	2.28	25.85	2.32	25.51	2.35	24.58	2.42
	30	28	29.91	2.16	29.24	2.24	28.40	2.31	27.94	2.35	27.57	2.38	26.57	2.45
	35	32	31.69	2.19	30.99	2.26	30.10	2.33	29.61	2.37	29.22	2.40	28.15	2.48
	40	36	33.48	2.21	32.73	2.28	31.80	2.35	31.28	2.39	30.86	2.42	29.74	2.50
	45	41	35.72	2.23	34.92	2.31	33.92	2.38	33.37	2.42	32.92	2.45	31.72	2.53
	47	43	36.61	2.24	35.79	2.32	34.77	2.39	34.20	2.43	33.75	2.46	32.52	2.54
	50	46	36.72	2.23	35.98	2.30	35.09	2.36	34.58	2.40	34.17	2.42	33.02	2.49
	55	51	36.90	2.21	36.28	2.26	35.61	2.31	35.20	2.34	34.88	2.36	33.85	2.41
29	60	56	37.07	2.18	36.59	2.22	36.14	2.26	35.83	2.28	35.59	2.30	34.68	2.33
	63	59	37.18	2.17	36.78	2.20	36.46	2.23	36.21	2.24	36.01	2.25	35.17	2.28
	68	64	37.29	2.16	36.96	2.18	36.78	2.21	36.59	2.21	36.44	2.22	35.68	2.23
	-13	-13.4	16.60	1.68	16.23	1.74	15.77	1.79	15.51	1.82	15.30	1.85	14.74	1.90
	-4	-4.4	18.87	1.82	18.45	1.88	17.93	1.94	17.63	1.97	17.40	1.99	16.77	2.06
	0	-0.4	19.93	1.88	19.48	1.94	18.93	2.00	18.62	2.03	18.37	2.06	17.70	2.13
	5	4.5	21.25	1.95	20.77	2.01	20.18	2.08	19.85	2.11	19.58	2.14	18.87	2.21
	10	9	22.88	2.10	22.37	2.17	21.73	2.24	21.37	2.28	21.09	2.31	20.32	2.38
	17	15	25.05	2.21	24.49	2.28	23.79	2.36	23.40	2.40	23.09	2.43	22.25	2.50
	20	19	26.91	2.23	26.31	2.30	25.56	2.38	25.14	2.42	24.80	2.45	23.90	2.53
	25	23	28.77	2.25	28.12	2.32	27.32	2.40	26.87	2.44	26.52	2.47	25.55	2.55
	30	28	31.09	2.28	30.39	2.35	29.53	2.43	29.04	2.47	28.66	2.50	27.62	2.58
	35	32	32.95	2.30	32.21	2.37	31.29	2.45	30.78	2.49	30.37	2.53	29.26	2.60
	40	36	34.80	2.32	34.03	2.40	33.05	2.47	32.51	2.52	32.08	2.55	30.91	2.63
	45	41	37.13	2.35	36.30	2.42	35.26	2.50	34.68	2.55	34.22	2.58	32.98	2.66
	47	43	38.05	2.36	37.20	2.44	36.14	2.51	35.55	2.56	35.08	2.59	33.80	2.67
	50	46	38.17	2.34	37.40	2.41	36.47	2.48	35.94	2.52	35.52	2.55	34.32	2.62
	55	51	38.35	2.32	37.72	2.38	37.02	2.43	36.59	2.46	36.25	2.48	35.18	2.54
	60	56	38.54	2.29	38.04	2.34	37.57	2.38	37.25	2.40	36.99	2.41	36.04	2.45
	63	59	38.65	2.28	38.23	2.31	37.90	2.35	37.64	2.36	37.43	2.37	36.56	2.40
	68	64	38.76	2.26	38.42	2.29	38.23	2.32	38.03	2.33	37.88	2.33	37.09	2.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 64: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	17.23	1.77	16.84	1.82	16.36	1.88	16.10	1.91	15.88	1.94	15.30	2.00
	-4	-4.4	19.59	1.91	19.15	1.97	18.61	2.03	18.30	2.07	18.06	2.09	17.40	2.16
	0	-0.4	20.69	1.97	20.23	2.03	19.65	2.10	19.33	2.13	19.07	2.16	18.38	2.23
	5	4.5	22.05	2.05	21.56	2.11	20.94	2.18	20.60	2.22	20.33	2.25	19.59	2.32
	10	9	23.75	2.20	23.22	2.27	22.55	2.35	22.18	2.39	21.89	2.42	21.09	2.50
	17	15	26.00	2.32	25.42	2.39	24.70	2.47	24.29	2.51	23.97	2.55	23.10	2.62
	20	19	27.93	2.34	27.31	2.41	26.53	2.49	26.09	2.54	25.75	2.57	24.81	2.65
	25	23	29.86	2.36	29.19	2.44	28.36	2.52	27.89	2.56	27.52	2.60	26.52	2.67
	30	28	32.27	2.39	31.55	2.47	30.65	2.55	30.15	2.59	29.75	2.62	28.66	2.70
	35	32	34.20	2.41	33.43	2.49	32.48	2.57	31.95	2.62	31.52	2.65	30.38	2.73
	40	36	36.13	2.43	35.32	2.51	34.31	2.60	33.75	2.64	33.30	2.68	32.09	2.75
	45	41	38.53	2.46	37.67	2.54	36.60	2.62	36.00	2.67	35.52	2.71	34.23	2.79
	47	43	39.50	2.47	38.62	2.56	37.51	2.64	36.90	2.68	36.41	2.72	35.09	2.80
	50	46	39.61	2.46	38.82	2.53	37.86	2.61	37.31	2.64	36.87	2.67	35.62	2.75
	55	51	39.81	2.43	39.15	2.49	38.43	2.55	37.98	2.58	37.63	2.61	36.52	2.66
	60	56	40.00	2.41	39.48	2.45	39.00	2.50	38.66	2.51	38.39	2.53	37.41	2.57
31	63	59	40.12	2.39	39.68	2.43	39.34	2.47	39.07	2.48	38.85	2.49	37.95	2.52
	68	64	40.23	2.38	39.88	2.41	39.68	2.44	39.48	2.44	39.32	2.45	38.49	2.47
	-13	-13.4	17.86	1.85	17.46	1.91	16.96	1.97	16.68	2.00	16.46	2.03	15.86	2.09
	-4	-4.4	20.31	1.99	19.85	2.06	19.29	2.13	18.97	2.16	18.72	2.19	18.04	2.26
	0	-0.4	21.44	2.06	20.96	2.13	20.37	2.20	20.03	2.24	19.77	2.26	19.05	2.33
	5	4.5	22.86	2.14	22.35	2.21	21.71	2.28	21.36	2.32	21.07	2.35	20.31	2.42
	10	9	24.62	2.30	24.07	2.38	23.38	2.46	23.00	2.50	22.69	2.53	21.86	2.61
	17	15	26.95	2.42	26.35	2.50	25.60	2.58	25.18	2.63	24.85	2.66	23.94	2.74
	20	19	28.95	2.44	28.31	2.53	27.50	2.61	27.05	2.65	26.69	2.69	25.72	2.77
	25	23	30.95	2.47	30.26	2.55	29.40	2.63	28.92	2.68	28.53	2.72	27.49	2.80
	30	28	33.45	2.50	32.70	2.59	31.77	2.67	31.25	2.71	30.83	2.75	29.71	2.83
	35	32	35.45	2.52	34.66	2.61	33.67	2.69	33.12	2.74	32.68	2.77	31.49	2.86
	40	36	37.45	2.55	36.61	2.63	35.56	2.72	34.98	2.76	34.52	2.80	33.26	2.89
	45	41	39.94	2.58	39.05	2.66	37.94	2.75	37.32	2.80	36.82	2.83	35.48	2.92
	47	43	40.94	2.59	40.03	2.67	38.89	2.76	38.25	2.81	37.74	2.85	36.37	2.93
	50	46	41.06	2.57	40.24	2.65	39.24	2.72	38.67	2.77	38.22	2.80	36.93	2.87
32	55	51	41.26	2.54	40.58	2.61	39.83	2.67	39.37	2.70	39.01	2.72	37.85	2.78
	60	56	41.47	2.52	40.93	2.57	40.42	2.62	40.08	2.64	39.80	2.65	38.78	2.69
	63	59	41.59	2.50	41.13	2.54	40.78	2.58	40.50	2.59	40.27	2.61	39.34	2.64
	68	64	41.71	2.49	41.34	2.52	41.13	2.55	40.92	2.55	40.75	2.56	39.90	2.58
	-13	-13.4	18.49	1.94	18.08	2.00	17.56	2.06	17.27	2.10	17.04	2.13	16.42	2.19
	-4	-4.4	21.03	2.09	20.55	2.16	19.97	2.23	19.64	2.27	19.38	2.30	18.68	2.36
	0	-0.4	22.20	2.16	21.71	2.23	21.08	2.30	20.74	2.34	20.47	2.37	19.72	2.44
	5	4.5	23.67	2.24	23.14	2.32	22.48	2.39	22.11	2.43	21.82	2.46	21.02	2.54
	10	9	25.48	2.41	24.91	2.49	24.20	2.58	23.81	2.62	23.49	2.66	22.64	2.74
	17	15	27.91	2.54	27.28	2.62	26.50	2.71	26.07	2.75	25.72	2.79	24.79	2.87
	20	19	29.98	2.56	29.31	2.65	28.47	2.73	28.00	2.78	27.63	2.82	26.63	2.90
	25	23	32.04	2.59	31.33	2.67	30.43	2.76	29.94	2.81	29.54	2.85	28.46	2.93
	30	28	34.63	2.62	33.86	2.71	32.89	2.79	32.35	2.84	31.92	2.88	30.76	2.97
	35	32	36.70	2.65	35.88	2.73	34.85	2.82	34.28	2.87	33.83	2.91	32.60	3.00
	40	36	38.77	2.67	37.90	2.76	36.82	2.84	36.22	2.90	35.74	2.94	34.44	3.02
	45	41	41.35	2.70	40.43	2.79	39.28	2.88	38.63	2.93	38.12	2.97	36.73	3.06
	47	43	42.39	2.71	41.44	2.80	40.26	2.89	39.60	2.94	39.07	2.98	37.65	3.07
	50	46	42.51	2.70	41.66	2.78	40.62	2.86	40.04	2.90	39.57	2.93	38.23	3.02
	55	51	42.72	2.67	42.01	2.73	41.24	2.80	40.76	2.83	40.38	2.86	39.19	2.92
	60	56	42.93	2.64	42.37	2.69	41.85	2.74	41.49	2.76	41.20	2.78	40.15	2.82
	63	59	43.05	2.62	42.58	2.67	42.22	2.70	41.93	2.72	41.70	2.73	40.73	2.76
	68	64	43.18	2.60	42.80	2.64	42.59	2.67	42.37	2.68	42.19	2.68	41.31	2.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 65: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	19.12	2.03	18.69	2.09	18.16	2.16	17.86	2.19	17.62	2.22	16.98	2.29
	-4	-4.4	21.74	2.18	21.25	2.26	20.65	2.33	20.31	2.37	20.04	2.40	19.31	2.47
	0	-0.4	22.96	2.26	22.44	2.33	21.81	2.41	21.45	2.45	21.16	2.48	20.39	2.55
	5	4.5	24.47	2.35	23.93	2.43	23.24	2.50	22.86	2.54	22.56	2.58	21.74	2.66
	10	9	26.35	2.53	25.76	2.61	25.03	2.69	24.62	2.74	24.29	2.78	23.41	2.86
	17	15	28.86	2.66	28.21	2.74	27.41	2.83	26.96	2.88	26.60	2.92	25.63	3.01
	20	19	31.00	2.68	30.30	2.77	29.44	2.86	28.96	2.91	28.57	2.95	27.53	3.04
	25	23	33.14	2.71	32.40	2.80	31.47	2.89	30.96	2.94	30.54	2.98	29.43	3.07
	30	28	35.81	2.74	35.01	2.83	34.01	2.92	33.45	2.97	33.01	3.01	31.81	3.10
	35	32	37.95	2.77	37.10	2.86	36.04	2.95	35.45	3.00	34.98	3.04	33.71	3.13
	40	36	40.09	2.79	39.19	2.88	38.07	2.98	37.45	3.03	36.95	3.07	35.61	3.16
	45	41	42.76	2.82	41.81	2.92	40.61	3.01	39.95	3.06	39.42	3.11	37.99	3.20
	47	43	43.83	2.84	42.85	2.93	41.63	3.02	40.95	3.08	40.41	3.12	38.94	3.21
	50	46	43.96	2.82	43.08	2.91	42.01	2.99	41.40	3.03	40.91	3.07	39.53	3.15
	55	51	44.18	2.79	43.45	2.86	42.64	2.93	42.15	2.96	41.76	2.98	40.53	3.05
	60	56	44.39	2.76	43.81	2.81	43.28	2.87	42.91	2.89	42.61	2.91	41.52	2.95
34	63	59	44.52	2.74	44.04	2.79	43.66	2.83	43.36	2.84	43.12	2.85	42.12	2.89
	68	64	44.65	2.73	44.26	2.76	44.04	2.79	43.81	2.80	43.63	2.80	42.72	2.83
	-13	-13.4	19.75	2.11	19.31	2.18	18.75	2.25	18.45	2.29	18.20	2.32	17.54	2.39
	-4	-4.4	22.46	2.28	21.96	2.36	21.33	2.43	20.98	2.47	20.70	2.51	19.95	2.58
	0	-0.4	23.71	2.36	23.19	2.44	22.52	2.51	22.15	2.55	21.86	2.59	21.06	2.67
	5	4.5	25.28	2.45	24.72	2.53	24.01	2.61	23.62	2.66	23.30	2.69	22.46	2.78
	10	9	27.22	2.64	26.61	2.72	25.85	2.81	25.43	2.86	25.09	2.90	24.18	2.99
	17	15	29.81	2.77	29.14	2.87	28.31	2.96	27.85	3.01	27.48	3.05	26.48	3.14
	20	19	32.02	2.80	31.30	2.89	30.41	2.98	29.91	3.03	29.51	3.08	28.44	3.17
	25	23	34.23	2.83	33.46	2.92	32.51	3.01	31.98	3.07	31.55	3.11	30.40	3.20
	30	28	36.99	2.86	36.16	2.95	35.13	3.05	34.56	3.10	34.10	3.15	32.86	3.24
	35	32	39.20	2.89	38.33	2.98	37.23	3.08	36.62	3.13	36.14	3.17	34.82	3.27
	40	36	41.41	2.91	40.49	3.01	39.33	3.11	38.69	3.16	38.17	3.20	36.78	3.30
	45	41	44.17	2.95	43.19	3.04	41.95	3.15	41.27	3.20	40.72	3.24	39.24	3.34
	47	43	45.28	2.96	44.27	3.06	43.00	3.16	42.30	3.21	41.74	3.26	40.22	3.35
	50	46	45.41	2.95	44.50	3.03	43.39	3.12	42.77	3.17	42.26	3.20	40.84	3.29
	55	51	45.63	2.91	44.88	2.98	44.05	3.05	43.54	3.09	43.14	3.12	41.86	3.18
35	60	56	45.86	2.88	45.26	2.94	44.70	2.99	44.32	3.01	44.01	3.03	42.89	3.08
	63	59	45.99	2.86	45.49	2.91	45.09	2.95	44.79	2.97	44.54	2.98	43.50	3.01
	68	64	46.12	2.84	45.72	2.88	45.49	2.92	45.26	2.92	45.07	2.93	44.13	2.95
	-13	-13.4	20.38	2.20	19.92	2.28	19.35	2.35	19.04	2.39	18.78	2.43	18.10	2.50
	-4	-4.4	23.18	2.38	22.66	2.46	22.01	2.54	21.65	2.58	21.36	2.62	20.58	2.69
	0	-0.4	24.47	2.46	23.92	2.54	23.24	2.62	22.86	2.67	22.55	2.70	21.74	2.78
	5	4.5	26.09	2.56	25.50	2.64	24.78	2.73	24.37	2.77	24.05	2.81	23.17	2.89
	10	9	28.09	2.75	27.46	2.84	26.68	2.94	26.24	2.99	25.89	3.03	24.95	3.11
	17	15	30.76	2.89	30.07	2.99	29.21	3.08	28.74	3.14	28.35	3.18	27.32	3.27
	20	19	33.04	2.92	32.30	3.02	31.38	3.12	30.87	3.17	30.46	3.21	29.35	3.31
	25	23	35.32	2.95	34.53	3.05	33.55	3.15	33.00	3.20	32.56	3.24	31.37	3.34
	30	28	38.17	2.98	37.32	3.09	36.25	3.18	35.66	3.24	35.19	3.28	33.91	3.38
	35	32	40.45	3.01	39.55	3.11	38.42	3.21	37.79	3.27	37.29	3.31	35.93	3.41
	40	36	42.73	3.04	41.78	3.14	40.58	3.25	39.92	3.30	39.39	3.34	37.96	3.45
	45	41	45.58	3.08	44.57	3.18	43.29	3.28	42.58	3.34	42.02	3.38	40.49	3.49
	47	43	46.72	3.09	45.68	3.19	44.38	3.30	43.65	3.35	43.07	3.40	41.50	3.50
	50	46	46.86	3.07	45.92	3.16	44.78	3.26	44.13	3.30	43.61	3.34	42.14	3.44
	55	51	47.09	3.04	46.31	3.12	45.45	3.19	44.93	3.22	44.52	3.26	43.20	3.32
	60	56	47.32	3.01	46.70	3.07	46.13	3.12	45.73	3.14	45.42	3.16	44.26	3.21
	63	59	47.46	2.99	46.94	3.04	46.53	3.08	46.21	3.10	45.96	3.11	44.89	3.15
	68	64	47.59	2.97	47.18	3.00	46.94	3.04	46.70	3.05	46.51	3.06	45.54	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 66: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	21.01	2.30	20.54	2.38	19.95	2.45	19.63	2.50	19.37	2.53	18.66	2.60
	-4	-4.4	23.89	2.48	23.36	2.56	22.69	2.65	22.32	2.69	22.02	2.73	21.22	2.81
	0	-0.4	25.23	2.56	24.67	2.65	23.96	2.74	23.57	2.78	23.26	2.82	22.41	2.90
	5	4.5	26.89	2.67	26.29	2.76	25.54	2.84	25.13	2.89	24.79	2.93	23.89	3.02
	10	9	28.96	2.87	28.31	2.97	27.50	3.06	27.05	3.12	26.69	3.16	25.72	3.25
	17	15	31.71	3.02	31.00	3.12	30.12	3.22	29.63	3.27	29.23	3.32	28.17	3.42
	20	19	34.06	3.05	33.30	3.15	32.35	3.25	31.82	3.31	31.40	3.35	30.26	3.45
	25	23	36.41	3.08	35.60	3.18	34.58	3.28	34.02	3.34	33.57	3.38	32.35	3.48
	30	28	39.35	3.11	38.47	3.22	37.37	3.32	36.76	3.38	36.27	3.42	34.96	3.53
	35	32	41.70	3.15	40.77	3.25	39.61	3.35	38.96	3.41	38.44	3.46	37.04	3.56
	40	36	44.05	3.17	43.07	3.28	41.84	3.38	41.16	3.44	40.61	3.49	39.13	3.59
	45	41	46.99	3.21	45.94	3.32	44.63	3.42	43.90	3.48	43.32	3.53	41.74	3.63
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
37	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21
	-13	-13.4	21.24	2.34	20.77	2.41	20.17	2.49	19.84	2.53	19.58	2.57	18.87	2.65
	-4	-4.4	24.16	2.52	23.62	2.61	22.94	2.69	22.57	2.74	22.27	2.77	21.46	2.86
	0	-0.4	25.51	2.61	24.94	2.69	24.22	2.78	23.83	2.83	23.51	2.87	22.66	2.95
	5	4.5	27.19	2.71	26.59	2.80	25.83	2.89	25.40	2.94	25.07	2.98	24.16	3.07
	10	9	29.28	2.92	28.63	3.01	27.81	3.11	27.35	3.16	26.99	3.20	26.01	3.30
	17	15	32.06	3.06	31.35	3.17	30.45	3.27	29.95	3.32	29.56	3.37	28.48	3.47
	20	19	34.44	3.10	33.67	3.20	32.71	3.30	32.18	3.36	31.75	3.40	30.59	3.51
	25	23	36.82	3.13	36.00	3.23	34.97	3.33	34.40	3.39	33.94	3.44	32.70	3.54
	30	28	39.79	3.16	38.90	3.27	37.79	3.37	37.17	3.43	36.68	3.48	35.34	3.58
	35	32	42.17	3.19	41.22	3.30	40.05	3.40	39.39	3.46	38.87	3.51	37.46	3.62
	40	36	44.54	3.22	43.55	3.33	42.30	3.44	41.61	3.50	41.06	3.54	39.57	3.65
	45	41	47.52	3.26	46.45	3.37	45.13	3.48	44.39	3.54	43.80	3.58	42.21	3.69
	47	43	48.70	3.28	47.62	3.38	46.26	3.49	45.50	3.55	44.90	3.60	43.26	3.71
38	50	46	48.85	3.26	47.86	3.35	46.68	3.45	46.00	3.50	45.46	3.54	43.93	3.64
	55	51	49.09	3.22	48.27	3.30	47.38	3.38	46.84	3.42	46.40	3.45	45.03	3.52
	60	56	49.32	3.18	48.68	3.25	48.08	3.31	47.67	3.33	47.34	3.35	46.13	3.40
	63	59	49.47	3.16	48.93	3.22	48.51	3.27	48.17	3.28	47.91	3.30	46.79	3.33
	68	64	49.61	3.14	49.18	3.18	48.93	3.22	48.68	3.23	48.48	3.24	47.47	3.27
	-13	-13.4	21.48	2.38	21.00	2.45	20.40	2.53	20.06	2.58	19.80	2.61	19.08	2.69
	-4	-4.4	24.42	2.57	23.88	2.65	23.20	2.73	22.82	2.78	22.52	2.82	21.70	2.90
	0	-0.4	25.79	2.65	25.21	2.74	24.49	2.82	24.09	2.88	23.77	2.91	22.91	3.00
	5	4.5	27.49	2.76	26.88	2.84	26.11	2.94	25.68	2.99	25.34	3.03	24.42	3.12
	10	9	29.60	2.97	28.94	3.07	28.11	3.16	27.65	3.22	27.29	3.26	26.29	3.36
	17	15	32.42	3.12	31.69	3.22	30.79	3.32	30.28	3.38	29.88	3.43	28.79	3.53
	20	19	34.82	3.15	34.04	3.25	33.07	3.36	32.53	3.42	32.10	3.46	30.93	3.57
	25	23	37.22	3.18	36.39	3.28	35.35	3.39	34.77	3.45	34.31	3.49	33.06	3.60
	30	28	40.23	3.22	39.33	3.32	38.20	3.43	37.58	3.49	37.08	3.54	35.73	3.64
	35	32	42.63	3.25	41.68	3.36	40.49	3.46	39.83	3.52	39.30	3.57	37.87	3.68
	40	36	45.03	3.28	44.03	3.39	42.77	3.49	42.07	3.56	41.51	3.60	40.00	3.71
	45	41	48.04	3.32	46.96	3.42	45.62	3.54	44.88	3.60	44.28	3.64	42.67	3.76
	47	43	49.24	3.33	48.14	3.44	46.76	3.55	46.00	3.61	45.39	3.66	43.74	3.77
	50	46	49.38	3.31	48.39	3.41	47.19	3.51	46.51	3.56	45.96	3.60	44.41	3.70
	55	51	49.63	3.28	48.80	3.36	47.90	3.43	47.35	3.48	46.91	3.51	45.52	3.58
	60	56	49.87	3.24	49.22	3.31	48.61	3.36	48.20	3.39	47.86	3.41	46.64	3.46
	63	59	50.01	3.22	49.47	3.27	49.04	3.32	48.70	3.34	48.43	3.35	47.31	3.39
	68	64	50.16	3.20	49.72	3.24	49.47	3.28	49.22	3.29	49.01	3.29	47.99	3.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 67: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	21.71	2.41	21.23	2.50	20.62	2.57	20.28	2.62	20.01	2.65	19.28	2.73
	-4	-4.4	24.69	2.60	24.14	2.69	23.45	2.78	23.06	2.82	22.76	2.86	21.93	2.95
	0	-0.4	26.07	2.69	25.48	2.78	24.76	2.87	24.35	2.92	24.03	2.95	23.16	3.05
	5	4.5	27.79	2.80	27.17	2.89	26.39	2.98	25.96	3.03	25.62	3.07	24.69	3.17
	10	9	29.92	3.01	29.26	3.11	28.42	3.21	27.96	3.27	27.58	3.31	26.58	3.41
	17	15	32.77	3.17	32.04	3.27	31.12	3.37	30.61	3.43	30.21	3.48	29.11	3.58
	20	19	35.20	3.20	34.41	3.30	33.43	3.41	32.88	3.47	32.45	3.51	31.27	3.62
	25	23	37.63	3.23	36.79	3.33	35.74	3.44	35.15	3.50	34.68	3.55	33.42	3.66
	30	28	40.66	3.26	39.76	3.37	38.62	3.48	37.99	3.54	37.48	3.59	36.12	3.70
	35	32	43.09	3.30	42.13	3.41	40.93	3.51	40.26	3.58	39.72	3.63	38.28	3.73
	40	36	45.52	3.33	44.51	3.44	43.23	3.55	42.53	3.61	41.96	3.66	40.44	3.77
	45	41	48.56	3.36	47.48	3.48	46.12	3.59	45.37	3.65	44.76	3.70	43.13	3.81
	47	43	49.78	3.38	48.66	3.49	47.27	3.60	46.50	3.67	45.88	3.72	44.21	3.83
	50	46	49.92	3.36	48.91	3.46	47.70	3.56	47.01	3.62	46.46	3.66	44.89	3.75
	55	51	50.16	3.32	49.33	3.41	48.42	3.49	47.87	3.53	47.42	3.56	46.02	3.64
	60	56	50.41	3.29	49.75	3.35	49.14	3.42	48.72	3.44	48.38	3.46	47.15	3.51
40	63	59	50.55	3.27	50.00	3.32	49.57	3.37	49.23	3.39	48.96	3.40	47.82	3.44
	68	64	50.70	3.25	50.26	3.29	50.01	3.33	49.75	3.33	49.55	3.34	48.51	3.37
	-13	-13.4	21.94	2.45	21.45	2.53	20.84	2.61	20.50	2.66	20.23	2.69	19.49	2.78
	-4	-4.4	24.96	2.65	24.40	2.74	23.70	2.82	23.31	2.87	23.00	2.91	22.16	3.00
	0	-0.4	26.35	2.74	25.76	2.83	25.03	2.91	24.62	2.96	24.29	3.00	23.41	3.10
	5	4.5	28.09	2.85	27.46	2.94	26.68	3.03	26.24	3.08	25.89	3.12	24.95	3.22
	10	9	30.25	3.06	29.57	3.16	28.73	3.26	28.26	3.32	27.88	3.36	26.87	3.47
	17	15	33.12	3.22	32.38	3.32	31.46	3.43	30.94	3.49	30.53	3.54	29.42	3.64
	20	19	35.58	3.25	34.78	3.36	33.79	3.47	33.24	3.53	32.79	3.57	31.60	3.68
	25	23	38.03	3.28	37.18	3.39	36.12	3.50	35.53	3.56	35.06	3.61	33.78	3.72
	30	28	41.10	3.32	40.18	3.43	39.04	3.54	38.40	3.60	37.89	3.65	36.51	3.76
	35	32	43.56	3.35	42.58	3.46	41.37	3.57	40.69	3.63	40.15	3.68	38.69	3.80
	40	36	46.01	3.38	44.98	3.49	43.70	3.61	42.99	3.67	42.41	3.72	40.87	3.83
	45	41	49.08	3.42	47.99	3.54	46.61	3.65	45.85	3.71	45.24	3.76	43.60	3.87
	47	43	50.31	3.44	49.19	3.55	47.78	3.66	47.00	3.73	46.38	3.78	44.69	3.89
	50	46	50.46	3.41	49.44	3.52	48.22	3.62	47.52	3.67	46.96	3.72	45.37	3.82
	55	51	50.70	3.38	49.86	3.46	48.94	3.55	48.38	3.58	47.93	3.62	46.51	3.70
41	60	56	50.95	3.34	50.29	3.41	49.67	3.47	49.24	3.50	48.90	3.52	47.65	3.57
	63	59	51.10	3.32	50.54	3.37	50.10	3.43	49.76	3.44	49.49	3.46	48.34	3.50
	68	64	51.25	3.30	50.80	3.34	50.54	3.38	50.29	3.39	50.08	3.40	49.03	3.43
	-13	-13.4	22.17	2.49	21.68	2.58	21.06	2.66	20.72	2.71	20.44	2.75	19.70	2.83
	-4	-4.4	25.22	2.69	24.66	2.78	23.95	2.87	23.56	2.92	23.25	2.96	22.40	3.05
	0	-0.4	26.63	2.78	26.03	2.87	25.29	2.97	24.88	3.02	24.55	3.06	23.65	3.15
	5	4.5	28.39	2.89	27.75	2.99	26.96	3.09	26.52	3.14	26.17	3.18	25.22	3.27
	10	9	30.57	3.12	29.88	3.22	29.03	3.32	28.56	3.38	28.18	3.43	27.15	3.53
	17	15	33.47	3.28	32.73	3.38	31.79	3.49	31.27	3.55	30.86	3.60	29.73	3.71
	20	19	35.96	3.31	35.15	3.42	34.15	3.53	33.59	3.59	33.14	3.63	31.94	3.74
	25	23	38.44	3.34	37.58	3.45	36.50	3.56	35.91	3.62	35.43	3.67	34.14	3.78
	30	28	41.54	3.38	40.61	3.49	39.45	3.60	38.81	3.66	38.29	3.71	36.90	3.82
	35	32	44.02	3.41	43.04	3.52	41.81	3.64	41.12	3.70	40.58	3.75	39.10	3.86
	40	36	46.50	3.44	45.46	3.56	44.16	3.67	43.44	3.73	42.87	3.78	41.31	3.90
	45	41	49.60	3.48	48.50	3.59	47.11	3.71	46.34	3.78	45.72	3.83	44.06	3.94
	47	43	50.85	3.50	49.71	3.61	48.29	3.73	47.50	3.79	46.87	3.84	45.16	3.96
	50	46	50.99	3.48	49.97	3.58	48.73	3.68	48.02	3.74	47.46	3.78	45.86	3.89
	55	51	51.24	3.44	50.39	3.52	49.46	3.61	48.90	3.65	48.44	3.68	47.01	3.76
	60	56	51.49	3.40	50.82	3.47	50.20	3.53	49.77	3.56	49.42	3.58	48.16	3.64
	63	59	51.64	3.38	51.08	3.44	50.64	3.49	50.29	3.50	50.01	3.52	48.85	3.56
	68	64	51.79	3.36	51.34	3.40	51.08	3.44	50.82	3.45	50.61	3.46	49.55	3.49

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 68: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96
	45	41	50.13	3.54	49.01	3.65	47.61	3.77	46.83	3.84	46.21	3.89	44.53	4.00
	47	43	51.38	3.55	50.23	3.67	48.80	3.79	48.00	3.85	47.36	3.90	45.64	4.02
	50	46	51.53	3.53	50.49	3.63	49.24	3.74	48.53	3.80	47.96	3.84	46.34	3.95
	55	51	51.78	3.49	50.92	3.58	49.98	3.66	49.41	3.71	48.95	3.74	47.50	3.82
43	60	56	52.03	3.46	51.36	3.52	50.73	3.58	50.29	3.61	49.94	3.63	48.67	3.69
	63	59	52.19	3.43	51.62	3.49	51.17	3.54	50.82	3.56	50.54	3.57	49.37	3.61
	68	64	52.34	3.41	51.88	3.46	51.62	3.50	51.36	3.51	51.14	3.51	50.07	3.54
	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96
	45	41	50.13	3.54	49.01	3.65	47.61	3.77	46.83	3.84	46.21	3.89	44.53	4.00
	47	43	51.38	3.55	50.23	3.67	48.80	3.79	48.00	3.85	47.36	3.90	45.64	4.02
44	50	46	51.53	3.53	50.49	3.63	49.24	3.74	48.53	3.80	47.96	3.84	46.34	3.95
	55	51	51.78	3.49	50.92	3.58	49.98	3.66	49.41	3.71	48.95	3.74	47.50	3.82
	60	56	52.03	3.46	51.36	3.52	50.73	3.58	50.29	3.61	49.94	3.63	48.67	3.69
	63	59	52.19	3.43	51.62	3.49	51.17	3.54	50.82	3.56	50.54	3.57	49.37	3.61
	68	64	52.34	3.41	51.88	3.46	51.62	3.50	51.36	3.51	51.14	3.51	50.07	3.54
	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 69: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96
	45	41	50.13	3.54	49.01	3.65	47.61	3.77	46.83	3.84	46.21	3.89	44.53	4.00
	47	43	51.38	3.55	50.23	3.67	48.80	3.79	48.00	3.85	47.36	3.90	45.64	4.02
	50	46	51.53	3.53	50.49	3.63	49.24	3.74	48.53	3.80	47.96	3.84	46.34	3.95
	55	51	51.78	3.49	50.92	3.58	49.98	3.66	49.41	3.71	48.95	3.74	47.50	3.82
46	60	56	52.03	3.46	51.36	3.52	50.73	3.58	50.29	3.61	49.94	3.63	48.67	3.69
	63	59	52.19	3.43	51.62	3.49	51.17	3.54	50.82	3.56	50.54	3.57	49.37	3.61
	68	64	52.34	3.41	51.88	3.46	51.62	3.50	51.36	3.51	51.14	3.51	50.07	3.54
	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96
	45	41	50.13	3.54	49.01	3.65	47.61	3.77	46.83	3.84	46.21	3.89	44.53	4.00
	47	43	51.38	3.55	50.23	3.67	48.80	3.79	48.00	3.85	47.36	3.90	45.64	4.02
47	50	46	51.53	3.53	50.49	3.63	49.24	3.74	48.53	3.80	47.96	3.84	46.34	3.95
	55	51	51.78	3.49	50.92	3.58	49.98	3.66	49.41	3.71	48.95	3.74	47.50	3.82
	60	56	52.03	3.46	51.36	3.52	50.73	3.58	50.29	3.61	49.94	3.63	48.67	3.69
	63	59	52.19	3.43	51.62	3.49	51.17	3.54	50.82	3.56	50.54	3.57	49.37	3.61
	68	64	52.34	3.41	51.88	3.46	51.62	3.50	51.36	3.51	51.14	3.51	50.07	3.54
	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 70: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96
	45	41	50.13	3.54	49.01	3.65	47.61	3.77	46.83	3.84	46.21	3.89	44.53	4.00
	47	43	51.38	3.55	50.23	3.67	48.80	3.79	48.00	3.85	47.36	3.90	45.64	4.02
	50	46	51.53	3.53	50.49	3.63	49.24	3.74	48.53	3.80	47.96	3.84	46.34	3.95
49	55	51	51.78	3.49	50.92	3.58	49.98	3.66	49.41	3.71	48.95	3.74	47.50	3.82
	60	56	52.03	3.46	51.36	3.52	50.73	3.58	50.29	3.61	49.94	3.63	48.67	3.69
	63	59	52.19	3.43	51.62	3.49	51.17	3.54	50.82	3.56	50.54	3.57	49.37	3.61
	68	64	52.34	3.41	51.88	3.46	51.62	3.50	51.36	3.51	51.14	3.51	50.07	3.54
	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96
50	45	41	50.13	3.54	49.01	3.65	47.61	3.77	46.83	3.84	46.21	3.89	44.53	4.00
	47	43	51.38	3.55	50.23	3.67	48.80	3.79	48.00	3.85	47.36	3.90	45.64	4.02
	50	46	51.53	3.53	50.49	3.63	49.24	3.74	48.53	3.80	47.96	3.84	46.34	3.95
	55	51	51.78	3.49	50.92	3.58	49.98	3.66	49.41	3.71	48.95	3.74	47.50	3.82
	60	56	52.03	3.46	51.36	3.52	50.73	3.58	50.29	3.61	49.94	3.63	48.67	3.69
	63	59	52.19	3.43	51.62	3.49	51.17	3.54	50.82	3.56	50.54	3.57	49.37	3.61
	68	64	52.34	3.41	51.88	3.46	51.62	3.50	51.36	3.51	51.14	3.51	50.07	3.54
	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 71: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
51	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96
	45	41	50.13	3.54	49.01	3.65	47.61	3.77	46.83	3.84	46.21	3.89	44.53	4.00
	47	43	51.38	3.55	50.23	3.67	48.80	3.79	48.00	3.85	47.36	3.90	45.64	4.02
	50	46	51.53	3.53	50.49	3.63	49.24	3.74	48.53	3.80	47.96	3.84	46.34	3.95
	55	51	51.78	3.49	50.92	3.58	49.98	3.66	49.41	3.71	48.95	3.74	47.50	3.82
52	60	56	52.03	3.46	51.36	3.52	50.73	3.58	50.29	3.61	49.94	3.63	48.67	3.69
	63	59	52.19	3.43	51.62	3.49	51.17	3.54	50.82	3.56	50.54	3.57	49.37	3.61
	68	64	52.34	3.41	51.88	3.46	51.62	3.50	51.36	3.51	51.14	3.51	50.07	3.54
	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96
	45	41	50.13	3.54	49.01	3.65	47.61	3.77	46.83	3.84	46.21	3.89	44.53	4.00
	47	43	51.38	3.55	50.23	3.67	48.80	3.79	48.00	3.85	47.36	3.90	45.64	4.02
53	50	46	51.53	3.53	50.49	3.63	49.24	3.74	48.53	3.80	47.96	3.84	46.34	3.95
	55	51	51.78	3.49	50.92	3.58	49.98	3.66	49.41	3.71	48.95	3.74	47.50	3.82
	60	56	52.03	3.46	51.36	3.52	50.73	3.58	50.29	3.61	49.94	3.63	48.67	3.69
	63	59	52.19	3.43	51.62	3.49	51.17	3.54	50.82	3.56	50.54	3.57	49.37	3.61
	68	64	52.34	3.41	51.88	3.46	51.62	3.50	51.36	3.51	51.14	3.51	50.07	3.54
	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 72: KUMXA421A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96
	45	41	50.13	3.54	49.01	3.65	47.61	3.77	46.83	3.84	46.21	3.89	44.53	4.00
	47	43	51.38	3.55	50.23	3.67	48.80	3.79	48.00	3.85	47.36	3.90	45.64	4.02
	50	46	51.53	3.53	50.49	3.63	49.24	3.74	48.53	3.80	47.96	3.84	46.34	3.95
	55	51	51.78	3.49	50.92	3.58	49.98	3.66	49.41	3.71	48.95	3.74	47.50	3.82
55	60	56	52.03	3.46	51.36	3.52	50.73	3.58	50.29	3.61	49.94	3.63	48.67	3.69
	63	59	52.19	3.43	51.62	3.49	51.17	3.54	50.82	3.56	50.54	3.57	49.37	3.61
	68	64	52.34	3.41	51.88	3.46	51.62	3.50	51.36	3.51	51.14	3.51	50.07	3.54
	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96
	45	41	50.13	3.54	49.01	3.65	47.61	3.77	46.83	3.84	46.21	3.89	44.53	4.00
	47	43	51.38	3.55	50.23	3.67	48.80	3.79	48.00	3.85	47.36	3.90	45.64	4.02
56	50	46	51.53	3.53	50.49	3.63	49.24	3.74	48.53	3.80	47.96	3.84	46.34	3.95
	55	51	51.78	3.49	50.92	3.58	49.98	3.66	49.41	3.71	48.95	3.74	47.50	3.82
	60	56	52.03	3.46	51.36	3.52	50.73	3.58	50.29	3.61	49.94	3.63	48.67	3.69
	63	59	52.19	3.43	51.62	3.49	51.17	3.54	50.82	3.56	50.54	3.57	49.37	3.61
	68	64	52.34	3.41	51.88	3.46	51.62	3.50	51.36	3.51	51.14	3.51	50.07	3.54
	-13	-13.4	22.41	2.54	21.91	2.62	21.28	2.71	20.94	2.75	20.66	2.79	19.90	2.87
	-4	-4.4	25.48	2.74	24.92	2.83	24.20	2.92	23.81	2.97	23.49	3.01	22.64	3.10
	0	-0.4	26.91	2.83	26.31	2.92	25.55	3.02	25.14	3.07	24.81	3.11	23.90	3.20
	5	4.5	28.69	2.94	28.05	3.04	27.25	3.14	26.80	3.19	26.44	3.23	25.48	3.33
	10	9	30.89	3.17	30.20	3.27	29.34	3.37	28.86	3.43	28.47	3.48	27.44	3.58
	17	15	33.83	3.33	33.07	3.44	32.12	3.55	31.60	3.61	31.18	3.66	30.05	3.77
	20	19	36.33	3.36	35.52	3.47	34.51	3.58	33.94	3.65	33.49	3.69	32.27	3.81
	25	23	38.84	3.39	37.97	3.50	36.89	3.62	36.29	3.68	35.80	3.73	34.50	3.84
	30	28	41.98	3.43	41.04	3.55	39.87	3.66	39.21	3.72	38.69	3.77	37.29	3.88
	35	32	44.48	3.46	43.49	3.58	42.25	3.69	41.56	3.76	41.00	3.81	39.51	3.92
	40	36	46.99	3.50	45.94	3.61	44.63	3.73	43.90	3.79	43.32	3.84	41.74	3.96
	45	41	50.13	3.54	49.01	3.65	47.61	3.77	46.83	3.84	46.21	3.89	44.53	4.00
	47	43	51.38	3.55	50.23	3.67	48.80	3.79	48.00	3.85	47.36	3.90	45.64	4.02
	50	46	51.53	3.53	50.49	3.63	49.24	3.74	48.53	3.80	47.96	3.84	46.34	3.95
	55	51	51.78	3.49	50.92	3.58	49.98	3.66	49.41	3.71	48.95	3.74	47.50	3.82
	60	56	52.03	3.46	51.36	3.52	50.73	3.58	50.29	3.61	49.94	3.63	48.67	3.69
	63	59	52.19	3.43	51.62	3.49	51.17	3.54	50.82	3.56	50.54	3.57	49.37	3.61
	68	64	52.34	3.41	51.88	3.46	51.62	3.50	51.36	3.51	51.14	3.51	50.07	3.54

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 73: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	9.71	0.84	9.49	0.87	9.22	0.90	9.07	0.91	8.95	0.92	8.62	0.95
	-4	-4.4	10.95	0.89	10.71	0.92	10.40	0.95	10.23	0.97	10.09	0.98	9.73	1.01
	0	-0.4	11.56	0.92	11.30	0.95	10.98	0.99	10.80	1.00	10.66	1.02	10.27	1.05
	5	4.5	12.32	0.96	12.05	0.99	11.70	1.03	11.51	1.04	11.36	1.06	10.95	1.09
	10	9	13.37	1.06	13.07	1.10	12.70	1.13	12.49	1.15	12.33	1.17	11.88	1.20
	17	15	14.77	1.13	14.44	1.17	14.03	1.21	13.80	1.23	13.62	1.25	13.12	1.28
	20	19	15.83	1.14	15.47	1.18	15.03	1.21	14.79	1.23	14.59	1.25	14.06	1.29
	25	23	16.88	1.14	16.50	1.18	16.03	1.22	15.77	1.24	15.56	1.26	15.00	1.29
	30	28	18.20	1.15	17.79	1.18	17.29	1.22	17.00	1.24	16.78	1.26	16.17	1.30
	35	32	19.26	1.15	18.83	1.19	18.29	1.23	17.99	1.25	17.75	1.27	17.10	1.30
	40	36	20.31	1.15	19.86	1.19	19.29	1.23	18.98	1.25	18.72	1.27	18.04	1.31
	45	41	21.63	1.16	21.15	1.20	20.54	1.24	20.21	1.26	19.94	1.27	19.21	1.31
	47	43	22.16	1.16	21.66	1.20	21.04	1.24	20.70	1.26	20.42	1.28	19.68	1.32
	50	46	22.22	1.15	21.77	1.19	21.24	1.22	20.93	1.24	20.68	1.26	19.98	1.29
	55	51	22.33	1.14	21.96	1.17	21.56	1.20	21.31	1.21	21.11	1.22	20.49	1.25
	60	56	22.44	1.13	22.15	1.15	21.88	1.17	21.69	1.18	21.54	1.19	20.99	1.21
19	63	59	22.51	1.12	22.26	1.14	22.07	1.16	21.92	1.16	21.80	1.17	21.29	1.18
	68	64	22.57	1.12	22.37	1.13	22.26	1.14	22.15	1.15	22.06	1.15	21.59	1.16
	-13	-13.4	10.34	0.91	10.11	0.94	9.82	0.97	9.66	0.98	9.53	1.00	9.19	1.03
	-4	-4.4	11.66	0.96	11.40	1.00	11.08	1.03	10.90	1.05	10.75	1.06	10.36	1.09
	0	-0.4	12.31	1.00	12.04	1.03	11.70	1.06	11.50	1.08	11.35	1.10	10.94	1.13
	5	4.5	13.13	1.04	12.83	1.07	12.47	1.11	12.26	1.13	12.10	1.14	11.66	1.18
	10	9	14.25	1.15	13.93	1.18	13.53	1.22	13.31	1.24	13.13	1.26	12.65	1.30
	17	15	15.74	1.22	15.38	1.26	14.94	1.31	14.70	1.33	14.50	1.35	13.98	1.39
	20	19	16.86	1.23	16.48	1.27	16.01	1.31	15.75	1.33	15.54	1.35	14.98	1.39
	25	23	17.98	1.23	17.58	1.27	17.08	1.31	16.80	1.34	16.58	1.36	15.97	1.40
	30	28	19.39	1.24	18.95	1.28	18.41	1.32	18.11	1.34	17.87	1.36	17.22	1.40
	35	32	20.51	1.24	20.05	1.28	19.48	1.32	19.16	1.35	18.91	1.37	18.22	1.41
	40	36	21.64	1.25	21.15	1.29	20.55	1.33	20.21	1.35	19.94	1.37	19.22	1.41
	45	41	23.04	1.25	22.53	1.29	21.88	1.33	21.53	1.36	21.24	1.38	20.47	1.42
	47	43	23.60	1.25	23.08	1.30	22.42	1.34	22.05	1.36	21.76	1.38	20.97	1.42
	50	46	23.67	1.25	23.19	1.28	22.62	1.32	22.29	1.34	22.03	1.36	21.29	1.39
20	55	51	23.79	1.23	23.39	1.26	22.96	1.29	22.70	1.31	22.49	1.32	21.82	1.35
	60	56	23.90	1.22	23.59	1.24	23.30	1.27	23.10	1.28	22.94	1.28	22.36	1.30
	63	59	23.97	1.21	23.71	1.23	23.51	1.25	23.35	1.26	23.22	1.26	22.68	1.28
	68	64	24.04	1.20	23.83	1.22	23.71	1.23	23.59	1.24	23.49	1.24	23.00	1.25
	-13	-13.4	10.97	0.97	10.73	1.00	10.42	1.03	10.25	1.05	10.12	1.06	9.75	1.09
	-4	-4.4	12.38	1.03	12.10	1.06	11.76	1.10	11.56	1.12	11.41	1.13	11.00	1.16
	0	-0.4	13.07	1.06	12.78	1.10	12.41	1.13	12.21	1.15	12.05	1.17	11.61	1.20
	5	4.5	13.93	1.11	13.62	1.14	13.23	1.18	13.01	1.20	12.84	1.22	12.37	1.25
	10	9	15.12	1.22	14.78	1.26	14.36	1.30	14.12	1.33	13.94	1.34	13.43	1.38
	17	15	16.70	1.31	16.33	1.35	15.86	1.39	15.60	1.42	15.39	1.43	14.83	1.48
	20	19	17.89	1.31	17.49	1.35	16.99	1.40	16.71	1.42	16.49	1.44	15.89	1.48
	25	23	19.08	1.31	18.66	1.36	18.12	1.40	17.83	1.43	17.59	1.44	16.95	1.49
	30	28	20.58	1.32	20.12	1.36	19.54	1.41	19.22	1.43	18.97	1.45	18.28	1.49
	35	32	21.77	1.32	21.28	1.37	20.67	1.41	20.34	1.44	20.07	1.46	19.34	1.50
	40	36	22.96	1.33	22.45	1.37	21.81	1.42	21.45	1.44	21.16	1.46	20.40	1.50
	45	41	24.45	1.33	23.91	1.38	23.22	1.42	22.84	1.45	22.54	1.47	21.72	1.51
	47	43	25.05	1.34	24.49	1.38	23.79	1.43	23.40	1.45	23.09	1.47	22.25	1.51
	50	46	25.12	1.33	24.61	1.37	24.01	1.41	23.66	1.43	23.38	1.45	22.59	1.49
	55	51	25.24	1.31	24.83	1.35	24.37	1.38	24.09	1.39	23.86	1.41	23.16	1.44
	60	56	25.37	1.30	25.04	1.33	24.73	1.35	24.52	1.36	24.35	1.37	23.73	1.39
	63	59	25.44	1.29	25.16	1.31	24.95	1.33	24.78	1.34	24.64	1.34	24.07	1.36
	68	64	25.51	1.28	25.29	1.30	25.16	1.32	25.04	1.32	24.93	1.32	24.41	1.33

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 74: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	11.61	1.03	11.35	1.07	11.02	1.10	10.84	1.12	10.70	1.14	10.31	1.17
	-4	-4.4	13.09	1.10	12.80	1.14	12.43	1.17	12.23	1.19	12.07	1.21	11.63	1.25
	0	-0.4	13.82	1.14	13.51	1.17	13.13	1.21	12.91	1.23	12.74	1.25	12.28	1.29
	5	4.5	14.74	1.18	14.41	1.22	13.99	1.26	13.77	1.28	13.58	1.30	13.09	1.34
	10	9	15.99	1.31	15.63	1.35	15.19	1.39	14.94	1.42	14.74	1.44	14.20	1.48
	17	15	17.66	1.40	17.27	1.44	16.77	1.49	16.50	1.51	16.28	1.53	15.69	1.58
	20	19	18.92	1.40	18.50	1.45	17.97	1.49	17.68	1.52	17.44	1.54	16.81	1.59
	25	23	20.19	1.40	19.73	1.45	19.17	1.50	18.86	1.52	18.61	1.54	17.93	1.59
	30	28	21.76	1.41	21.28	1.46	20.67	1.50	20.33	1.53	20.06	1.55	19.33	1.60
	35	32	23.02	1.42	22.51	1.46	21.87	1.51	21.51	1.54	21.22	1.56	20.45	1.60
	40	36	24.29	1.42	23.74	1.47	23.06	1.51	22.69	1.54	22.39	1.56	21.57	1.61
	45	41	25.86	1.43	25.28	1.47	24.56	1.52	24.16	1.55	23.84	1.57	22.97	1.62
	47	43	26.49	1.43	25.90	1.48	25.16	1.52	24.75	1.55	24.42	1.57	23.53	1.62
	50	46	26.57	1.42	26.03	1.46	25.39	1.51	25.02	1.53	24.73	1.55	23.89	1.59
	55	51	26.70	1.41	26.26	1.44	25.77	1.47	25.48	1.49	25.24	1.50	24.49	1.54
22	60	56	26.83	1.39	26.48	1.42	26.16	1.44	25.93	1.45	25.75	1.46	25.09	1.49
	63	59	26.91	1.38	26.61	1.40	26.38	1.42	26.20	1.43	26.06	1.44	25.45	1.45
	68	64	26.99	1.37	26.75	1.39	26.62	1.41	26.48	1.41	26.37	1.41	25.82	1.42
	-13	-13.4	12.24	1.10	11.97	1.14	11.62	1.17	11.43	1.19	11.28	1.21	10.87	1.24
	-4	-4.4	13.81	1.17	13.50	1.21	13.11	1.25	12.90	1.27	12.73	1.29	12.26	1.33
	0	-0.4	14.58	1.21	14.25	1.25	13.84	1.29	13.62	1.31	13.44	1.33	12.95	1.37
	5	4.5	15.54	1.26	15.19	1.30	14.76	1.34	14.52	1.37	14.32	1.38	13.80	1.43
	10	9	16.86	1.39	16.48	1.44	16.01	1.48	15.75	1.51	15.54	1.53	14.98	1.57
	17	15	18.63	1.49	18.21	1.53	17.69	1.58	17.40	1.61	17.17	1.63	16.54	1.68
	20	19	19.96	1.49	19.51	1.54	18.95	1.59	18.64	1.62	18.40	1.64	17.73	1.69
	25	23	21.29	1.50	20.81	1.55	20.22	1.59	19.89	1.62	19.62	1.64	18.91	1.69
	30	28	22.95	1.50	22.44	1.55	21.80	1.60	21.44	1.63	21.15	1.65	20.39	1.70
	35	32	24.28	1.51	23.74	1.56	23.06	1.61	22.68	1.63	22.38	1.66	21.57	1.71
	40	36	25.61	1.51	25.04	1.56	24.32	1.61	23.93	1.64	23.61	1.66	22.75	1.71
	45	41	27.27	1.52	26.66	1.57	25.90	1.62	25.48	1.65	25.14	1.67	24.23	1.72
	47	43	27.94	1.52	27.31	1.57	26.53	1.62	26.10	1.65	25.75	1.67	24.82	1.72
23	50	46	28.02	1.51	27.46	1.56	26.78	1.60	26.39	1.63	26.08	1.65	25.20	1.69
	55	51	28.16	1.50	27.69	1.53	27.18	1.57	26.87	1.59	26.62	1.60	25.83	1.64
	60	56	28.29	1.48	27.93	1.51	27.58	1.54	27.35	1.55	27.16	1.56	26.46	1.58
	63	59	28.38	1.47	28.07	1.49	27.82	1.52	27.63	1.52	27.48	1.53	26.84	1.55
	68	64	28.46	1.46	28.21	1.48	28.07	1.50	27.92	1.50	27.81	1.50	27.23	1.52
	-13	-13.4	12.87	1.17	12.59	1.20	12.23	1.24	12.03	1.26	11.87	1.28	11.43	1.32
	-4	-4.4	14.52	1.24	14.20	1.28	13.79	1.32	13.57	1.35	13.39	1.36	12.90	1.41
	0	-0.4	15.33	1.28	14.99	1.33	14.56	1.37	14.32	1.39	14.13	1.41	13.62	1.45
	5	4.5	16.34	1.34	15.98	1.38	15.52	1.42	15.27	1.45	15.06	1.47	14.52	1.51
	10	9	17.73	1.47	17.34	1.52	16.84	1.57	16.57	1.60	16.35	1.62	15.75	1.67
	17	15	19.59	1.58	19.15	1.63	18.60	1.68	18.30	1.71	18.06	1.73	17.40	1.78
	20	19	20.99	1.58	20.52	1.63	19.93	1.69	19.61	1.71	19.35	1.74	18.64	1.79
	25	23	22.39	1.59	21.89	1.64	21.26	1.69	20.91	1.72	20.64	1.74	19.89	1.80
	30	28	24.14	1.59	23.60	1.65	22.92	1.70	22.55	1.73	22.25	1.75	21.44	1.80
	35	32	25.54	1.60	24.96	1.65	24.25	1.70	23.86	1.73	23.54	1.76	22.68	1.81
	40	36	26.93	1.60	26.33	1.66	25.58	1.71	25.16	1.74	24.83	1.76	23.93	1.82
	45	41	28.68	1.61	28.04	1.66	27.24	1.72	26.80	1.75	26.44	1.77	25.48	1.82
	47	43	29.38	1.61	28.73	1.67	27.91	1.72	27.45	1.75	27.09	1.77	26.10	1.83
	50	46	29.47	1.60	28.88	1.65	28.16	1.70	27.75	1.72	27.43	1.75	26.50	1.79
	55	51	29.61	1.59	29.12	1.63	28.58	1.66	28.26	1.68	27.99	1.70	27.17	1.73
	60	56	29.76	1.57	29.37	1.60	29.01	1.63	28.76	1.64	28.56	1.65	27.83	1.68
	63	59	29.84	1.56	29.52	1.58	29.26	1.61	29.06	1.62	28.90	1.62	28.23	1.64
	68	64	29.93	1.55	29.67	1.57	29.52	1.59	29.37	1.59	29.25	1.60	28.64	1.61

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 75: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	13.51	1.24	13.20	1.28	12.83	1.32	12.62	1.34	12.45	1.36	12.00	1.40
	-4	-4.4	15.24	1.32	14.89	1.36	14.47	1.41	14.23	1.43	14.04	1.45	13.53	1.49
	0	-0.4	16.08	1.36	15.73	1.41	15.28	1.45	15.03	1.48	14.83	1.50	14.29	1.54
	5	4.5	17.15	1.42	16.76	1.47	16.28	1.51	16.02	1.54	15.81	1.56	15.23	1.61
	10	9	18.61	1.57	18.19	1.62	17.67	1.67	17.38	1.70	17.15	1.72	16.53	1.78
	17	15	20.55	1.67	20.09	1.73	19.52	1.79	19.20	1.82	18.94	1.84	18.26	1.90
	20	19	22.02	1.68	21.53	1.74	20.91	1.79	20.57	1.82	20.30	1.85	19.56	1.90
	25	23	23.49	1.69	22.96	1.74	22.31	1.80	21.94	1.83	21.65	1.85	20.86	1.91
	30	28	25.32	1.69	24.76	1.75	24.05	1.81	23.66	1.84	23.34	1.86	22.49	1.92
	35	32	26.79	1.70	26.19	1.76	25.44	1.81	25.03	1.84	24.70	1.87	23.80	1.92
	40	36	28.26	1.70	27.63	1.76	26.84	1.82	26.40	1.85	26.05	1.87	25.10	1.93
	45	41	30.09	1.71	29.42	1.77	28.58	1.83	28.11	1.86	27.74	1.88	26.73	1.94
	47	43	30.83	1.72	30.14	1.77	29.28	1.83	28.80	1.86	28.42	1.89	27.38	1.94
	50	46	30.92	1.70	30.30	1.76	29.55	1.81	29.12	1.83	28.77	1.86	27.80	1.91
	55	51	31.07	1.69	30.55	1.73	29.99	1.77	29.65	1.79	29.37	1.81	28.50	1.84
25	60	56	31.22	1.67	30.81	1.70	30.44	1.73	30.18	1.74	29.97	1.76	29.20	1.78
	63	59	31.31	1.66	30.97	1.68	30.70	1.71	30.49	1.72	30.32	1.73	29.62	1.75
	68	64	31.40	1.65	31.13	1.67	30.97	1.69	30.81	1.69	30.69	1.70	30.04	1.71
	-13	-13.4	14.14	1.31	13.82	1.36	13.43	1.40	13.21	1.42	13.03	1.44	12.56	1.49
	-4	-4.4	15.95	1.40	15.59	1.44	15.15	1.49	14.90	1.52	14.70	1.54	14.17	1.58
	0	-0.4	16.84	1.45	16.46	1.49	15.99	1.54	15.73	1.57	15.52	1.59	14.96	1.64
	5	4.5	17.95	1.50	17.55	1.55	17.05	1.60	16.77	1.63	16.55	1.65	15.94	1.70
	10	9	19.48	1.66	19.04	1.72	18.50	1.77	18.20	1.80	17.95	1.83	17.30	1.88
	17	15	21.52	1.77	21.03	1.83	20.43	1.89	20.10	1.92	19.83	1.95	19.11	2.01
	20	19	23.05	1.78	22.54	1.84	21.89	1.90	21.54	1.93	21.25	1.96	20.48	2.01
	25	23	24.59	1.79	24.04	1.84	23.35	1.90	22.97	1.94	22.67	1.96	21.84	2.02
	30	28	26.51	1.79	25.92	1.85	25.18	1.91	24.77	1.94	24.44	1.97	23.55	2.03
	35	32	28.05	1.80	27.42	1.86	26.64	1.92	26.20	1.95	25.85	1.98	24.91	2.04
	40	36	29.58	1.81	28.92	1.87	28.10	1.93	27.64	1.96	27.27	1.98	26.28	2.04
	45	41	31.51	1.81	30.80	1.87	29.92	1.93	29.43	1.97	29.04	1.99	27.98	2.05
	47	43	32.27	1.82	31.55	1.88	30.65	1.94	30.15	1.97	29.75	2.00	28.67	2.06
26	50	46	32.37	1.81	31.72	1.86	30.93	1.91	30.48	1.94	30.12	1.96	29.11	2.02
	55	51	32.53	1.79	31.99	1.83	31.40	1.87	31.04	1.89	30.75	1.91	29.84	1.95
	60	56	32.68	1.77	32.26	1.80	31.86	1.83	31.59	1.85	31.37	1.86	30.57	1.89
	63	59	32.78	1.76	32.42	1.78	32.14	1.81	31.92	1.82	31.75	1.83	31.01	1.85
	68	64	32.87	1.74	32.59	1.77	32.42	1.79	32.26	1.79	32.12	1.80	31.45	1.81
	-13	-13.4	14.77	1.38	14.44	1.42	14.03	1.47	13.80	1.50	13.62	1.52	13.12	1.56
	-4	-4.4	16.66	1.47	16.29	1.52	15.83	1.57	15.57	1.59	15.36	1.61	14.80	1.66
	0	-0.4	17.59	1.52	17.20	1.57	16.71	1.62	16.44	1.65	16.22	1.67	15.63	1.72
	5	4.5	18.75	1.58	18.33	1.63	17.81	1.69	17.52	1.71	17.29	1.74	16.66	1.79
	10	9	20.35	1.74	19.90	1.80	19.33	1.86	19.01	1.89	18.76	1.92	18.08	1.98
	17	15	22.48	1.86	21.98	1.92	21.35	1.99	21.00	2.02	20.72	2.05	19.97	2.11
	20	19	24.08	1.87	23.55	1.93	22.87	1.99	22.50	2.03	22.20	2.06	21.39	2.12
	25	23	25.69	1.88	25.12	1.94	24.40	2.00	24.00	2.03	23.68	2.06	22.82	2.12
	30	28	27.70	1.88	27.08	1.95	26.30	2.01	25.88	2.04	25.53	2.07	24.60	2.13
	35	32	29.30	1.89	28.65	1.95	27.83	2.02	27.38	2.05	27.01	2.08	26.03	2.14
	40	36	30.91	1.90	30.22	1.96	29.35	2.02	28.88	2.06	28.49	2.09	27.46	2.15
	45	41	32.92	1.91	32.18	1.97	31.26	2.03	30.75	2.07	30.34	2.09	29.24	2.16
	47	43	33.72	1.91	32.97	1.97	32.02	2.03	31.50	2.07	31.08	2.10	29.95	2.16
	50	46	33.82	1.90	33.14	1.95	32.32	2.01	31.85	2.04	31.47	2.06	30.41	2.12
	55	51	33.98	1.88	33.42	1.92	32.80	1.97	32.43	1.99	32.12	2.01	31.17	2.05
	60	56	34.15	1.86	33.70	1.89	33.29	1.93	33.00	1.94	32.78	1.95	31.94	1.98
	63	59	34.25	1.84	33.87	1.87	33.58	1.90	33.35	1.91	33.17	1.92	32.40	1.94
	68	64	34.35	1.83	34.04	1.86	33.88	1.88	33.70	1.88	33.56	1.89	32.86	1.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 76: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	15.41	1.46	15.06	1.51	14.63	1.56	14.39	1.58	14.20	1.60	13.68	1.65
	-4	-4.4	17.38	1.55	16.99	1.61	16.50	1.66	16.23	1.69	16.02	1.71	15.44	1.76
	0	-0.4	18.35	1.61	17.94	1.66	17.42	1.71	17.14	1.74	16.91	1.77	16.30	1.82
	5	4.5	19.56	1.67	19.12	1.73	18.57	1.78	18.27	1.81	18.03	1.84	17.37	1.89
	10	9	21.22	1.85	20.75	1.91	20.16	1.97	19.83	2.00	19.56	2.03	18.85	2.09
	17	15	23.44	1.97	22.92	2.04	22.26	2.10	21.90	2.14	21.61	2.17	20.82	2.23
	20	19	25.12	1.98	24.56	2.04	23.85	2.11	23.46	2.15	23.15	2.17	22.31	2.24
	25	23	26.79	1.99	26.19	2.05	25.44	2.12	25.03	2.15	24.70	2.18	23.80	2.25
	30	28	28.88	1.99	28.24	2.06	27.43	2.13	26.98	2.16	26.63	2.19	25.66	2.26
	35	32	30.56	2.00	29.88	2.07	29.02	2.13	28.55	2.17	28.17	2.20	27.14	2.27
	40	36	32.23	2.01	31.51	2.07	30.61	2.14	30.11	2.18	29.71	2.21	28.63	2.27
	45	41	34.33	2.02	33.56	2.08	32.60	2.15	32.07	2.19	31.64	2.22	30.49	2.28
	47	43	35.16	2.02	34.38	2.09	33.40	2.15	32.85	2.19	32.41	2.22	31.23	2.29
	50	46	35.27	2.01	34.56	2.07	33.70	2.13	33.21	2.16	32.82	2.18	31.71	2.24
	55	51	35.44	1.99	34.85	2.03	34.21	2.08	33.82	2.11	33.50	2.13	32.51	2.17
	60	56	35.61	1.96	35.15	2.00	34.72	2.04	34.42	2.05	34.18	2.07	33.31	2.10
28	63	59	35.71	1.95	35.33	1.98	35.02	2.01	34.78	2.02	34.59	2.03	33.78	2.06
	68	64	35.82	1.94	35.50	1.96	35.33	1.99	35.15	1.99	35.00	2.00	34.27	2.01
	-13	-13.4	16.04	1.53	15.68	1.58	15.23	1.63	14.98	1.66	14.78	1.68	14.25	1.74
	-4	-4.4	18.09	1.63	17.69	1.69	17.18	1.74	16.90	1.77	16.68	1.79	16.07	1.85
	0	-0.4	19.10	1.69	18.67	1.74	18.14	1.80	17.84	1.83	17.61	1.85	16.97	1.91
	5	4.5	20.36	1.76	19.91	1.81	19.34	1.87	19.02	1.90	18.77	1.93	18.09	1.99
	10	9	22.09	1.94	21.60	2.00	20.98	2.07	20.64	2.10	20.37	2.13	19.63	2.19
	17	15	24.41	2.07	23.86	2.14	23.18	2.21	22.80	2.25	22.50	2.28	21.68	2.34
	20	19	26.15	2.08	25.56	2.15	24.83	2.22	24.43	2.25	24.10	2.28	23.23	2.35
	25	23	27.89	2.08	27.27	2.15	26.49	2.22	26.06	2.26	25.71	2.29	24.78	2.36
	30	28	30.07	2.09	29.40	2.16	28.56	2.23	28.09	2.27	27.72	2.30	26.71	2.37
	35	32	31.81	2.10	31.10	2.17	30.22	2.24	29.72	2.28	29.33	2.31	28.26	2.38
	40	36	33.56	2.11	32.81	2.18	31.87	2.25	31.35	2.29	30.93	2.32	29.81	2.39
	45	41	35.74	2.12	34.94	2.19	33.94	2.26	33.39	2.30	32.94	2.33	31.74	2.40
	47	43	36.61	2.12	35.79	2.19	34.77	2.26	34.20	2.30	33.75	2.33	32.52	2.40
	50	46	36.72	2.11	35.98	2.17	35.09	2.23	34.58	2.27	34.17	2.29	33.02	2.36
	55	51	36.90	2.09	36.28	2.14	35.61	2.19	35.20	2.21	34.88	2.23	33.85	2.28
29	60	56	37.07	2.06	36.59	2.10	36.14	2.14	35.83	2.16	35.59	2.17	34.68	2.20
	63	59	37.18	2.05	36.78	2.08	36.46	2.11	36.21	2.12	36.01	2.13	35.17	2.16
	68	64	37.29	2.04	36.96	2.06	36.78	2.09	36.59	2.09	36.44	2.10	35.68	2.11
	-13	-13.4	16.67	1.61	16.30	1.66	15.83	1.71	15.57	1.74	15.37	1.77	14.81	1.82
	-4	-4.4	18.81	1.71	18.39	1.77	17.86	1.82	17.57	1.85	17.34	1.88	16.70	1.94
	0	-0.4	19.85	1.77	19.41	1.83	18.86	1.88	18.55	1.92	18.30	1.94	17.64	2.00
	5	4.5	21.17	1.84	20.69	1.90	20.10	1.96	19.77	2.00	19.51	2.02	18.80	2.08
	10	9	22.97	2.03	22.45	2.10	21.81	2.17	21.46	2.20	21.17	2.23	20.40	2.30
	17	15	25.37	2.17	24.80	2.24	24.09	2.31	23.70	2.35	23.39	2.38	22.53	2.46
	20	19	27.18	2.18	26.57	2.25	25.81	2.32	25.39	2.36	25.06	2.39	24.14	2.46
	25	23	28.99	2.18	28.35	2.26	27.54	2.33	27.09	2.37	26.73	2.40	25.75	2.47
	30	28	31.26	2.19	30.56	2.27	29.69	2.34	29.20	2.38	28.81	2.41	27.77	2.48
	35	32	33.07	2.20	32.33	2.27	31.41	2.35	30.89	2.39	30.48	2.42	29.38	2.49
	40	36	34.88	2.21	34.10	2.28	33.13	2.36	32.59	2.40	32.15	2.43	30.99	2.50
	45	41	37.15	2.22	36.32	2.29	35.28	2.37	34.70	2.41	34.24	2.44	33.00	2.51
	47	43	38.05	2.22	37.20	2.30	36.14	2.37	35.55	2.41	35.08	2.44	33.80	2.52
	50	46	38.17	2.21	37.40	2.27	36.47	2.34	35.94	2.38	35.52	2.40	34.32	2.47
	55	51	38.35	2.18	37.72	2.24	37.02	2.29	36.59	2.32	36.25	2.34	35.18	2.39
	60	56	38.54	2.16	38.04	2.20	37.57	2.24	37.25	2.26	36.99	2.27	36.04	2.31
	63	59	38.65	2.15	38.23	2.18	37.90	2.21	37.64	2.23	37.43	2.24	36.56	2.26
	68	64	38.76	2.13	38.42	2.16	38.23	2.19	38.03	2.19	37.88	2.20	37.09	2.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 77: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	17.30	1.69	16.92	1.74	16.43	1.80	16.17	1.83	15.95	1.85	15.37	1.91
	-4	-4.4	19.52	1.80	19.08	1.85	18.54	1.91	18.24	1.95	17.99	1.97	17.34	2.03
	0	-0.4	20.61	1.86	20.15	1.92	19.57	1.98	19.25	2.01	19.00	2.04	18.31	2.10
	5	4.5	21.97	1.93	21.48	2.00	20.86	2.06	20.52	2.09	20.25	2.12	19.51	2.19
	10	9	23.84	2.13	23.31	2.20	22.64	2.27	22.27	2.31	21.97	2.34	21.18	2.41
	17	15	26.33	2.28	25.74	2.35	25.01	2.43	24.60	2.47	24.27	2.50	23.39	2.58
	20	19	28.21	2.29	27.58	2.36	26.79	2.44	26.36	2.48	26.01	2.51	25.06	2.59
	25	23	30.09	2.29	29.42	2.37	28.58	2.44	28.11	2.49	27.74	2.52	26.73	2.60
	30	28	32.45	2.30	31.72	2.38	30.81	2.46	30.31	2.50	29.91	2.53	28.82	2.61
	35	32	34.33	2.31	33.56	2.39	32.60	2.46	32.07	2.51	31.64	2.54	30.49	2.62
	40	36	36.21	2.32	35.40	2.40	34.39	2.47	33.83	2.51	33.38	2.55	32.16	2.63
	45	41	38.56	2.33	37.70	2.41	36.62	2.48	36.02	2.53	35.54	2.56	34.25	2.64
	47	43	39.50	2.33	38.62	2.41	37.51	2.49	36.90	2.53	36.41	2.56	35.09	2.64
	50	46	39.61	2.32	38.82	2.39	37.86	2.46	37.31	2.49	36.87	2.52	35.62	2.59
	55	51	39.81	2.29	39.15	2.35	38.43	2.41	37.98	2.43	37.63	2.46	36.52	2.51
31	60	56	40.00	2.27	39.48	2.31	39.00	2.36	38.66	2.37	38.39	2.39	37.41	2.42
	63	59	40.12	2.25	39.68	2.29	39.34	2.33	39.07	2.34	38.85	2.35	37.95	2.37
	68	64	40.23	2.24	39.88	2.27	39.68	2.30	39.48	2.30	39.32	2.31	38.49	2.33
	-13	-13.4	17.94	1.77	17.54	1.82	17.04	1.88	16.76	1.91	16.53	1.94	15.93	2.00
	-4	-4.4	20.23	1.88	19.78	1.94	19.22	2.00	18.90	2.04	18.65	2.07	17.97	2.13
	0	-0.4	21.36	1.94	20.89	2.01	20.29	2.07	19.96	2.11	19.69	2.14	18.98	2.20
	5	4.5	22.77	2.02	22.26	2.09	21.63	2.16	21.27	2.19	20.99	2.22	20.23	2.29
	10	9	24.71	2.23	24.16	2.31	23.47	2.38	23.09	2.42	22.78	2.46	21.95	2.53
	17	15	27.30	2.39	26.69	2.46	25.92	2.54	25.50	2.59	25.16	2.62	24.25	2.70
	20	19	29.25	2.39	28.59	2.47	27.78	2.55	27.32	2.60	26.96	2.63	25.98	2.71
	25	23	31.20	2.40	30.50	2.48	29.63	2.56	29.14	2.61	28.76	2.64	27.71	2.72
	30	28	33.63	2.41	32.88	2.49	31.94	2.57	31.42	2.62	31.00	2.65	29.87	2.73
	35	32	35.58	2.42	34.79	2.50	33.79	2.58	33.24	2.63	32.80	2.66	31.61	2.74
	40	36	37.53	2.43	36.69	2.51	35.64	2.59	35.06	2.63	34.60	2.67	33.34	2.75
	45	41	39.97	2.44	39.08	2.52	37.96	2.60	37.34	2.65	36.84	2.68	35.50	2.76
	47	43	40.94	2.44	40.03	2.52	38.89	2.61	38.25	2.65	37.74	2.69	36.37	2.77
32	50	46	41.06	2.43	40.24	2.50	39.24	2.57	38.67	2.61	38.22	2.64	36.93	2.71
	55	51	41.26	2.40	40.58	2.46	39.83	2.52	39.37	2.55	39.01	2.57	37.85	2.63
	60	56	41.47	2.38	40.93	2.42	40.42	2.47	40.08	2.49	39.80	2.50	38.78	2.54
	63	59	41.59	2.36	41.13	2.40	40.78	2.44	40.50	2.45	40.27	2.46	39.34	2.49
	68	64	41.71	2.35	41.34	2.38	41.13	2.40	40.92	2.41	40.75	2.42	39.90	2.44
	-13	-13.4	18.57	1.85	18.16	1.91	17.64	1.97	17.35	2.01	17.12	2.04	16.50	2.10
	-4	-4.4	20.95	1.97	20.48	2.04	19.90	2.10	19.57	2.14	19.31	2.17	18.61	2.23
	0	-0.4	22.12	2.04	21.62	2.11	21.00	2.17	20.66	2.21	20.39	2.24	19.65	2.31
	5	4.5	23.58	2.12	23.05	2.19	22.39	2.26	22.03	2.30	21.73	2.33	20.94	2.40
	10	9	25.58	2.34	25.01	2.42	24.30	2.50	23.90	2.54	23.58	2.58	22.72	2.65
	17	15	28.26	2.50	27.63	2.59	26.84	2.67	26.40	2.71	26.05	2.75	25.10	2.83
	20	19	30.28	2.51	29.60	2.59	28.76	2.68	28.29	2.72	27.91	2.76	26.89	2.84
	25	23	32.30	2.52	31.57	2.60	30.67	2.69	30.17	2.73	29.77	2.77	28.69	2.85
	30	28	34.82	2.53	34.04	2.61	33.07	2.70	32.53	2.74	32.10	2.78	30.93	2.87
	35	32	36.84	2.54	36.01	2.62	34.99	2.71	34.41	2.75	33.96	2.79	32.72	2.88
	40	36	38.86	2.55	37.99	2.63	36.90	2.72	36.30	2.76	35.82	2.80	34.52	2.89
	45	41	41.38	2.56	40.46	2.64	39.30	2.73	38.66	2.78	38.14	2.81	36.76	2.90
	47	43	42.39	2.56	41.44	2.65	40.26	2.73	39.60	2.78	39.07	2.82	37.65	2.90
	50	46	42.51	2.55	41.66	2.62	40.62	2.70	40.04	2.74	39.57	2.77	38.23	2.85
	55	51	42.72	2.52	42.01	2.58	41.24	2.64	40.76	2.67	40.38	2.70	39.19	2.76
	60	56	42.93	2.49	42.37	2.54	41.85	2.59	41.49	2.61	41.20	2.62	40.15	2.66
	63	59	43.05	2.48	42.58	2.52	42.22	2.55	41.93	2.57	41.70	2.58	40.73	2.61
	68	64	43.18	2.46	42.80	2.49	42.59	2.52	42.37	2.53	42.19	2.53	41.31	2.56

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 78: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	19.20	1.93	18.77	2.00	18.24	2.06	17.94	2.10	17.70	2.12	17.06	2.19
	-4	-4.4	21.66	2.06	21.18	2.13	20.57	2.19	20.24	2.23	19.97	2.26	19.24	2.33
	0	-0.4	22.87	2.13	22.36	2.20	21.72	2.27	21.37	2.31	21.08	2.34	20.32	2.41
	5	4.5	24.38	2.21	23.84	2.29	23.15	2.36	22.78	2.40	22.47	2.43	21.66	2.51
	10	9	26.46	2.44	25.86	2.53	25.13	2.61	24.71	2.65	24.39	2.69	23.50	2.77
	17	15	29.22	2.61	28.57	2.70	27.75	2.78	27.30	2.83	26.94	2.87	25.96	2.96
	20	19	31.31	2.62	30.61	2.71	29.74	2.79	29.25	2.84	28.86	2.88	27.81	2.97
	25	23	33.40	2.63	32.65	2.72	31.72	2.80	31.20	2.85	30.79	2.89	29.67	2.98
	30	28	36.01	2.64	35.20	2.73	34.20	2.81	33.64	2.86	33.19	2.90	31.98	2.99
	35	32	38.09	2.65	37.24	2.74	36.18	2.82	35.59	2.87	35.11	2.91	33.84	3.00
	40	36	40.18	2.66	39.28	2.75	38.16	2.83	37.54	2.88	37.04	2.92	35.69	3.01
	45	41	42.79	2.67	41.83	2.76	40.64	2.85	39.98	2.90	39.44	2.93	38.01	3.02
	47	43	43.83	2.67	42.85	2.76	41.63	2.85	40.95	2.90	40.41	2.94	38.94	3.03
	50	46	43.96	2.66	43.08	2.74	42.01	2.82	41.40	2.86	40.91	2.89	39.53	2.97
	55	51	44.18	2.63	43.45	2.69	42.64	2.76	42.15	2.79	41.76	2.81	40.53	2.87
34	60	56	44.39	2.60	43.81	2.65	43.28	2.70	42.91	2.72	42.61	2.74	41.52	2.78
	63	59	44.52	2.58	44.04	2.63	43.66	2.67	43.36	2.68	43.12	2.69	42.12	2.72
	68	64	44.65	2.57	44.26	2.60	44.04	2.63	43.81	2.64	43.63	2.64	42.72	2.67
	-13	-13.4	19.84	2.02	19.39	2.09	18.84	2.15	18.53	2.19	18.29	2.22	17.62	2.29
	-4	-4.4	22.38	2.15	21.88	2.22	21.25	2.29	20.90	2.33	20.63	2.36	19.88	2.43
	0	-0.4	23.62	2.22	23.10	2.30	22.44	2.37	22.07	2.41	21.78	2.44	20.98	2.52
	5	4.5	25.18	2.31	24.62	2.39	23.92	2.47	23.53	2.51	23.21	2.54	22.37	2.62
	10	9	27.33	2.55	26.72	2.64	25.95	2.72	25.53	2.77	25.19	2.81	24.27	2.89
	17	15	30.19	2.73	29.51	2.82	28.67	2.91	28.20	2.96	27.83	3.00	26.81	3.09
	20	19	32.34	2.74	31.62	2.83	30.72	2.92	30.21	2.97	29.81	3.01	28.73	3.10
	25	23	34.50	2.75	33.73	2.84	32.76	2.93	32.23	2.98	31.80	3.02	30.64	3.11
	30	28	37.19	2.76	36.36	2.85	35.32	2.94	34.75	2.99	34.28	3.03	33.04	3.12
	35	32	39.35	2.77	38.47	2.86	37.37	2.95	36.76	3.00	36.27	3.04	34.95	3.13
	40	36	41.51	2.78	40.58	2.87	39.42	2.96	38.78	3.01	38.26	3.05	36.87	3.14
	45	41	44.20	2.79	43.21	2.88	41.98	2.97	41.29	3.02	40.74	3.07	39.26	3.16
	47	43	45.28	2.79	44.27	2.89	43.00	2.98	42.30	3.03	41.74	3.07	40.22	3.16
35	50	46	45.41	2.78	44.50	2.86	43.39	2.94	42.77	2.99	42.26	3.02	40.84	3.10
	55	51	45.63	2.75	44.88	2.81	44.05	2.88	43.54	2.91	43.14	2.94	41.86	3.00
	60	56	45.86	2.72	45.26	2.77	44.70	2.82	44.32	2.84	44.01	2.86	42.89	2.90
	63	59	45.99	2.70	45.49	2.74	45.09	2.78	44.79	2.80	44.54	2.81	43.50	2.84
	68	64	46.12	2.68	45.72	2.72	45.49	2.75	45.26	2.76	45.07	2.76	44.13	2.78
	-13	-13.4	20.47	2.11	20.01	2.18	19.44	2.24	19.12	2.28	18.87	2.31	18.18	2.38
	-4	-4.4	23.09	2.24	22.58	2.32	21.93	2.39	21.57	2.43	21.29	2.46	20.51	2.54
	0	-0.4	24.38	2.32	23.83	2.39	23.15	2.47	22.77	2.51	22.47	2.55	21.65	2.62
	5	4.5	25.99	2.41	25.41	2.49	24.68	2.57	24.28	2.62	23.96	2.65	23.08	2.73
	10	9	28.20	2.66	27.57	2.75	26.78	2.84	26.34	2.89	25.99	2.93	25.05	3.02
	17	15	31.15	2.84	30.45	2.94	29.58	3.03	29.10	3.08	28.71	3.13	27.67	3.22
	20	19	33.37	2.85	32.63	2.95	31.70	3.04	31.18	3.10	30.76	3.14	29.65	3.23
	25	23	35.60	2.86	34.80	2.96	33.81	3.05	33.26	3.11	32.82	3.15	31.62	3.24
	30	28	38.38	2.88	37.52	2.97	36.45	3.07	35.86	3.12	35.38	3.16	34.09	3.26
	35	32	40.61	2.89	39.70	2.98	38.56	3.08	37.93	3.13	37.43	3.17	36.07	3.27
	40	36	42.83	2.90	41.87	2.99	40.68	3.09	40.01	3.14	39.48	3.18	38.05	3.28
	45	41	45.61	2.91	44.59	3.01	43.32	3.10	42.61	3.15	42.04	3.20	40.52	3.29
	47	43	46.72	2.91	45.68	3.01	44.38	3.11	43.65	3.16	43.07	3.20	41.50	3.30
	50	46	46.86	2.90	45.92	2.98	44.78	3.07	44.13	3.11	43.61	3.15	42.14	3.24
	55	51	47.09	2.86	46.31	2.94	45.45	3.01	44.93	3.04	44.52	3.07	43.20	3.13
	60	56	47.32	2.83	46.70	2.89	46.13	2.94	45.73	2.96	45.42	2.98	44.26	3.03
	63	59	47.46	2.82	46.94	2.86	46.53	2.90	46.21	2.92	45.96	2.93	44.89	2.97
	68	64	47.59	2.80	47.18	2.83	46.94	2.87	46.70	2.87	46.51	2.88	45.54	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 79: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	21.10	2.20	20.63	2.27	20.04	2.34	19.71	2.38	19.45	2.42	18.75	2.49
	-4	-4.4	23.81	2.34	23.27	2.42	22.61	2.50	22.24	2.54	21.94	2.57	21.15	2.65
	0	-0.4	25.13	2.42	24.57	2.50	23.87	2.58	23.48	2.63	23.17	2.66	22.32	2.74
	5	4.5	26.79	2.52	26.19	2.60	25.44	2.69	25.03	2.73	24.70	2.77	23.80	2.85
	10	9	29.07	2.78	28.42	2.87	27.61	2.97	27.16	3.02	26.80	3.06	25.82	3.15
	17	15	32.11	2.97	31.40	3.07	30.50	3.17	30.00	3.22	29.60	3.27	28.52	3.36
	20	19	34.41	2.98	33.64	3.08	32.68	3.18	32.14	3.23	31.72	3.28	30.56	3.38
	25	23	36.70	2.99	35.88	3.09	34.86	3.19	34.29	3.24	33.83	3.29	32.60	3.39
	30	28	39.57	3.00	38.68	3.10	37.58	3.20	36.96	3.26	36.47	3.30	35.15	3.40
	35	32	41.86	3.01	40.93	3.11	39.76	3.21	39.11	3.27	38.59	3.31	37.18	3.41
	40	36	44.16	3.02	43.17	3.12	41.94	3.22	41.25	3.28	40.70	3.32	39.22	3.42
	45	41	47.02	3.04	45.97	3.14	44.66	3.24	43.93	3.29	43.34	3.34	41.77	3.44
	47	43	48.17	3.04	47.09	3.14	45.75	3.24	45.00	3.30	44.40	3.34	42.79	3.45
	50	46	48.31	3.02	47.34	3.11	46.16	3.20	45.50	3.25	44.96	3.29	43.44	3.38
	55	51	48.55	2.99	47.74	3.07	46.86	3.14	46.32	3.17	45.89	3.20	44.53	3.27
	60	56	48.78	2.96	48.15	3.02	47.56	3.07	47.15	3.10	46.82	3.11	45.63	3.16
	63	59	48.92	2.94	48.39	2.99	47.97	3.03	47.64	3.05	47.38	3.06	46.28	3.10
	68	64	49.07	2.92	48.64	2.96	48.39	2.99	48.15	3.00	47.95	3.01	46.94	3.03
37	-13	-13.4	21.34	2.24	20.86	2.31	20.26	2.39	19.93	2.43	19.67	2.46	18.95	2.53
	-4	-4.4	24.07	2.38	23.53	2.46	22.86	2.54	22.49	2.59	22.19	2.62	21.38	2.70
	0	-0.4	25.41	2.46	24.84	2.55	24.13	2.63	23.74	2.67	23.42	2.71	22.57	2.79
	5	4.5	27.09	2.57	26.48	2.65	25.73	2.74	25.31	2.78	24.97	2.82	24.06	2.90
	10	9	29.40	2.83	28.74	2.93	27.92	3.02	27.46	3.07	27.10	3.11	26.11	3.21
	17	15	32.47	3.02	31.74	3.12	30.84	3.22	30.33	3.28	29.93	3.32	28.84	3.42
	20	19	34.79	3.04	34.01	3.14	33.04	3.24	32.50	3.29	32.07	3.34	30.90	3.44
	25	23	37.11	3.05	36.28	3.15	35.24	3.25	34.67	3.30	34.21	3.35	32.96	3.45
	30	28	40.01	3.06	39.11	3.16	38.00	3.26	37.38	3.32	36.88	3.36	35.54	3.46
	35	32	42.33	3.07	41.38	3.17	40.20	3.27	39.54	3.33	39.02	3.37	37.60	3.48
	40	36	44.65	3.08	43.65	3.18	42.40	3.28	41.71	3.34	41.15	3.39	39.66	3.49
	45	41	47.55	3.09	46.48	3.20	45.15	3.30	44.42	3.35	43.83	3.40	42.23	3.50
	47	43	48.70	3.10	47.62	3.20	46.26	3.30	45.50	3.36	44.90	3.41	43.26	3.51
	50	46	48.85	3.08	47.86	3.17	46.68	3.26	46.00	3.31	45.46	3.35	43.93	3.44
	55	51	49.09	3.05	48.27	3.12	47.38	3.20	46.84	3.23	46.40	3.26	45.03	3.33
	60	56	49.32	3.01	48.68	3.07	48.08	3.13	47.67	3.15	47.34	3.17	46.13	3.22
	63	59	49.47	2.99	48.93	3.04	48.51	3.09	48.17	3.10	47.91	3.12	46.79	3.15
	68	64	49.61	2.97	49.18	3.01	48.93	3.05	48.68	3.06	48.48	3.06	47.47	3.09
38	-13	-13.4	21.57	2.29	21.09	2.36	20.49	2.44	20.15	2.48	19.88	2.51	19.16	2.59
	-4	-4.4	24.33	2.43	23.79	2.51	23.11	2.59	22.73	2.64	22.43	2.67	21.62	2.76
	0	-0.4	25.69	2.52	25.12	2.60	24.40	2.68	24.00	2.73	23.68	2.77	22.82	2.85
	5	4.5	27.39	2.62	26.77	2.71	26.01	2.79	25.58	2.84	25.24	2.88	24.33	2.97
	10	9	29.72	2.89	29.05	2.99	28.22	3.08	27.76	3.14	27.39	3.18	26.40	3.27
	17	15	32.83	3.09	32.09	3.19	31.18	3.29	30.67	3.35	30.26	3.39	29.16	3.50
	20	19	35.17	3.10	34.39	3.20	33.40	3.30	32.86	3.36	32.42	3.41	31.24	3.51
	25	23	37.52	3.11	36.68	3.21	35.63	3.31	35.05	3.37	34.58	3.42	33.32	3.52
	30	28	40.45	3.12	39.54	3.23	38.41	3.33	37.79	3.39	37.28	3.43	35.93	3.54
	35	32	42.79	3.13	41.84	3.24	40.64	3.34	39.98	3.40	39.44	3.44	38.01	3.55
	40	36	45.14	3.14	44.13	3.25	42.87	3.35	42.17	3.41	41.61	3.46	40.09	3.56
	45	41	48.07	3.16	46.99	3.26	45.65	3.37	44.90	3.42	44.31	3.47	42.70	3.57
	47	43	49.24	3.16	48.14	3.27	46.76	3.37	46.00	3.43	45.39	3.48	43.74	3.58
	50	46	49.38	3.14	48.39	3.24	47.19	3.33	46.51	3.38	45.96	3.42	44.41	3.51
	55	51	49.63	3.11	48.80	3.19	47.90	3.26	47.35	3.30	46.91	3.33	45.52	3.40
	60	56	49.87	3.08	49.22	3.14	48.61	3.19	48.20	3.22	47.86	3.24	46.64	3.29
	63	59	50.01	3.06	49.47	3.11	49.04	3.15	48.70	3.17	48.43	3.18	47.31	3.22
	68	64	50.16	3.04	49.72	3.08	49.47	3.11	49.22	3.12	49.01	3.13	47.99	3.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 80: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	21.81	2.33	21.32	2.40	20.71	2.48	20.37	2.52	20.10	2.56	19.37	2.63
	-4	-4.4	24.60	2.48	24.05	2.56	23.36	2.64	22.98	2.69	22.67	2.72	21.85	2.80
	0	-0.4	25.97	2.56	25.39	2.64	24.66	2.73	24.26	2.78	23.94	2.81	23.07	2.90
	5	4.5	27.68	2.66	27.07	2.75	26.29	2.84	25.86	2.89	25.52	2.93	24.59	3.02
	10	9	30.04	2.94	29.37	3.04	28.53	3.14	28.06	3.19	27.69	3.23	26.68	3.33
	17	15	33.18	3.14	32.44	3.25	31.51	3.35	31.00	3.41	30.59	3.45	29.48	3.56
	20	19	35.55	3.15	34.76	3.26	33.77	3.36	33.21	3.42	32.77	3.47	31.58	3.57
	25	23	37.92	3.16	37.08	3.27	36.02	3.37	35.43	3.43	34.96	3.48	33.69	3.58
	30	28	40.89	3.18	39.97	3.28	38.83	3.39	38.20	3.45	37.69	3.49	36.32	3.60
	35	32	43.26	3.19	42.29	3.29	41.08	3.40	40.41	3.46	39.87	3.50	38.42	3.61
	40	36	45.63	3.20	44.61	3.30	43.33	3.41	42.63	3.47	42.06	3.52	40.53	3.62
	45	41	48.59	3.21	47.50	3.32	46.15	3.43	45.39	3.48	44.79	3.53	43.16	3.64
	47	43	49.78	3.22	48.66	3.32	47.27	3.43	46.50	3.49	45.88	3.54	44.21	3.64
	50	46	49.92	3.20	48.91	3.29	47.70	3.39	47.01	3.44	46.46	3.48	44.89	3.57
	55	51	50.16	3.16	49.33	3.24	48.42	3.32	47.87	3.36	47.42	3.39	46.02	3.46
	60	56	50.41	3.13	49.75	3.19	49.14	3.25	48.72	3.27	48.38	3.29	47.15	3.34
40	63	59	50.55	3.11	50.00	3.16	49.57	3.21	49.23	3.22	48.96	3.24	47.82	3.28
	68	64	50.70	3.09	50.26	3.13	50.01	3.17	49.75	3.17	49.55	3.18	48.51	3.21
	-13	-13.4	22.04	2.37	21.55	2.45	20.93	2.53	20.59	2.57	20.32	2.61	19.58	2.69
	-4	-4.4	24.86	2.53	24.31	2.61	23.61	2.69	23.23	2.74	22.92	2.78	22.09	2.86
	0	-0.4	26.25	2.61	25.66	2.70	24.93	2.78	24.52	2.83	24.20	2.87	23.32	2.96
	5	4.5	27.98	2.72	27.36	2.81	26.58	2.90	26.14	2.95	25.79	2.99	24.86	3.08
	10	9	30.36	3.00	29.69	3.10	28.84	3.20	28.37	3.25	27.99	3.30	26.97	3.40
	17	15	33.54	3.20	32.79	3.31	31.85	3.42	31.33	3.48	30.92	3.52	29.79	3.63
	20	19	35.94	3.22	35.13	3.32	34.13	3.43	33.57	3.49	33.13	3.53	31.92	3.64
	25	23	38.33	3.23	37.48	3.33	36.40	3.44	35.81	3.50	35.33	3.55	34.05	3.65
	30	28	41.33	3.24	40.40	3.35	39.25	3.46	38.61	3.51	38.09	3.56	36.71	3.67
	35	32	43.72	3.25	42.75	3.36	41.52	3.47	40.85	3.53	40.30	3.57	38.84	3.68
	40	36	46.12	3.26	45.09	3.37	43.80	3.48	43.08	3.54	42.51	3.59	40.96	3.69
	45	41	49.11	3.28	48.01	3.39	46.64	3.49	45.88	3.55	45.27	3.60	43.63	3.71
	47	43	50.31	3.28	49.19	3.39	47.78	3.50	47.00	3.56	46.38	3.61	44.69	3.72
	50	46	50.46	3.26	49.44	3.36	48.22	3.46	47.52	3.51	46.96	3.55	45.37	3.65
41	55	51	50.70	3.23	49.86	3.31	48.94	3.39	48.38	3.42	47.93	3.45	46.51	3.53
	60	56	50.95	3.19	50.29	3.25	49.67	3.31	49.24	3.34	48.90	3.36	47.65	3.41
	63	59	51.10	3.17	50.54	3.22	50.10	3.27	49.76	3.29	49.49	3.30	48.34	3.34
	68	64	51.25	3.15	50.80	3.19	50.54	3.23	50.29	3.24	50.08	3.25	49.03	3.27
	-13	-13.4	22.28	2.42	21.78	2.50	21.16	2.58	20.81	2.62	20.53	2.66	19.79	2.74
	-4	-4.4	25.13	2.58	24.57	2.66	23.86	2.75	23.47	2.79	23.16	2.83	22.32	2.92
	0	-0.4	26.53	2.66	25.94	2.75	25.19	2.84	24.78	2.89	24.45	2.93	23.56	3.01
	5	4.5	28.28	2.77	27.65	2.86	26.86	2.95	26.42	3.01	26.07	3.05	25.12	3.14
	10	9	30.69	3.06	30.00	3.16	29.14	3.26	28.67	3.32	28.29	3.36	27.26	3.46
	17	15	33.90	3.27	33.14	3.38	32.19	3.48	31.67	3.54	31.25	3.59	30.11	3.70
	20	19	36.32	3.28	35.51	3.39	34.49	3.50	33.93	3.56	33.48	3.60	32.26	3.71
	25	23	38.74	3.29	37.87	3.40	36.79	3.51	36.19	3.57	35.71	3.62	34.41	3.73
	30	28	41.77	3.30	40.83	3.41	39.67	3.52	39.02	3.58	38.50	3.63	37.10	3.74
	35	32	44.19	3.32	43.20	3.43	41.97	3.54	41.28	3.60	40.73	3.64	39.25	3.75
	40	36	46.61	3.33	45.57	3.44	44.26	3.55	43.54	3.61	42.96	3.66	41.40	3.77
	45	41	49.63	3.34	48.53	3.45	47.14	3.56	46.37	3.62	45.75	3.67	44.09	3.78
	47	43	50.85	3.35	49.71	3.46	48.29	3.57	47.50	3.63	46.87	3.68	45.16	3.79
	50	46	50.99	3.33	49.97	3.43	48.73	3.52	48.02	3.58	47.46	3.62	45.86	3.72
	55	51	51.24	3.29	50.39	3.37	49.46	3.45	48.90	3.49	48.44	3.52	47.01	3.60
	60	56	51.49	3.26	50.82	3.32	50.20	3.38	49.77	3.40	49.42	3.43	48.16	3.48
	63	59	51.64	3.23	51.08	3.29	50.64	3.34	50.29	3.35	50.01	3.37	48.85	3.41
	68	64	51.79	3.21	51.34	3.25	51.08	3.29	50.82	3.30	50.61	3.31	49.55	3.34

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 81: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	22.51	2.47	22.01	2.55	21.38	2.63	21.03	2.67	20.75	2.71	20.00	2.79
	-4	-4.4	25.39	2.63	24.82	2.71	24.12	2.80	23.72	2.85	23.41	2.89	22.56	2.97
	0	-0.4	26.81	2.71	26.21	2.80	25.46	2.89	25.04	2.94	24.71	2.98	23.81	3.07
	5	4.5	28.58	2.83	27.94	2.92	27.14	3.01	26.70	3.06	26.34	3.11	25.38	3.20
	10	9	31.01	3.12	30.32	3.22	29.45	3.32	28.97	3.38	28.58	3.43	27.55	3.53
	17	15	34.25	3.33	33.49	3.44	32.53	3.55	32.00	3.61	31.57	3.66	30.43	3.77
	20	19	36.70	3.34	35.88	3.45	34.86	3.56	34.29	3.62	33.83	3.67	32.60	3.78
	25	23	39.15	3.35	38.27	3.46	37.18	3.58	36.57	3.64	36.09	3.69	34.77	3.80
	30	28	42.21	3.37	41.26	3.48	40.08	3.59	39.43	3.65	38.90	3.70	37.49	3.81
	35	32	44.65	3.38	43.65	3.49	42.41	3.60	41.71	3.67	41.16	3.72	39.66	3.83
	40	36	47.10	3.39	46.05	3.50	44.73	3.62	44.00	3.68	43.42	3.73	41.84	3.84
	45	41	50.16	3.41	49.04	3.52	47.64	3.63	46.86	3.69	46.23	3.74	44.55	3.86
	47	43	51.38	3.41	50.23	3.52	48.80	3.64	48.00	3.70	47.36	3.75	45.64	3.86
	50	46	51.53	3.39	50.49	3.49	49.24	3.59	48.53	3.65	47.96	3.69	46.34	3.79
	55	51	51.78	3.35	50.92	3.44	49.98	3.52	49.41	3.56	48.95	3.59	47.50	3.67
43	60	56	52.03	3.32	51.36	3.38	50.73	3.44	50.29	3.47	49.94	3.49	48.67	3.55
	63	59	52.19	3.30	51.62	3.35	51.17	3.40	50.82	3.42	50.54	3.43	49.37	3.47
	68	64	52.34	3.28	51.88	3.32	51.62	3.36	51.36	3.37	51.14	3.37	50.07	3.40
	-13	-13.4	22.86	2.53	22.35	2.61	21.71	2.69	21.36	2.74	21.07	2.78	20.31	2.86
	-4	-4.4	25.79	2.69	25.21	2.78	24.49	2.87	24.09	2.92	23.77	2.96	22.91	3.04
	0	-0.4	27.23	2.78	26.62	2.87	25.86	2.96	25.44	3.01	25.10	3.06	24.18	3.15
	5	4.5	29.02	2.89	28.38	2.99	27.56	3.09	27.11	3.14	26.75	3.18	25.78	3.28
	10	9	31.49	3.19	30.79	3.30	29.91	3.41	29.42	3.46	29.03	3.51	27.98	3.62
	17	15	34.79	3.41	34.01	3.52	33.04	3.64	32.50	3.70	32.07	3.75	30.90	3.86
	20	19	37.27	3.42	36.44	3.54	35.40	3.65	34.82	3.71	34.36	3.76	33.11	3.88
	25	23	39.76	3.44	38.87	3.55	37.76	3.66	37.14	3.73	36.65	3.78	35.32	3.89
	30	28	42.87	3.45	41.91	3.56	40.71	3.68	40.04	3.74	39.51	3.79	38.08	3.91
	35	32	45.35	3.46	44.34	3.58	43.07	3.69	42.37	3.75	41.80	3.81	40.28	3.92
	40	36	47.83	3.47	46.77	3.59	45.43	3.70	44.69	3.77	44.09	3.82	42.49	3.93
	45	41	50.94	3.49	49.80	3.60	48.38	3.72	47.59	3.78	46.96	3.83	45.25	3.95
	47	43	52.18	3.49	51.02	3.61	49.56	3.73	48.75	3.79	48.10	3.84	46.35	3.96
44	50	46	52.34	3.47	51.28	3.58	50.01	3.68	49.29	3.74	48.71	3.78	47.06	3.88
	55	51	52.59	3.44	51.72	3.52	50.77	3.60	50.18	3.65	49.72	3.68	48.25	3.76
	60	56	52.85	3.40	52.16	3.47	51.52	3.53	51.08	3.56	50.72	3.58	49.43	3.63
	63	59	53.00	3.38	52.42	3.43	51.97	3.48	51.61	3.50	51.33	3.51	50.14	3.56
	68	64	53.15	3.36	52.69	3.40	52.43	3.44	52.16	3.45	51.94	3.45	50.86	3.48
	-13	-13.4	23.21	2.59	22.69	2.67	22.05	2.76	21.69	2.80	21.40	2.84	20.62	2.93
	-4	-4.4	26.19	2.75	25.60	2.84	24.87	2.93	24.46	2.99	24.14	3.03	23.26	3.12
	0	-0.4	27.65	2.85	27.03	2.94	26.26	3.03	25.83	3.09	25.48	3.13	24.56	3.22
	5	4.5	29.47	2.96	28.81	3.06	27.99	3.16	27.53	3.21	27.17	3.26	26.18	3.35
	10	9	31.98	3.27	31.26	3.38	30.37	3.49	29.88	3.55	29.48	3.59	28.41	3.70
	17	15	35.32	3.49	34.53	3.61	33.55	3.72	33.00	3.79	32.56	3.84	31.38	3.95
	20	19	37.85	3.50	37.00	3.62	35.94	3.74	35.36	3.80	34.89	3.85	33.62	3.97
	25	23	40.37	3.52	39.47	3.63	38.34	3.75	37.71	3.81	37.21	3.87	35.86	3.98
	30	28	43.52	3.53	42.55	3.65	41.34	3.77	40.66	3.83	40.12	3.88	38.66	4.00
	35	32	46.05	3.54	45.02	3.66	43.73	3.78	43.02	3.84	42.45	3.90	40.90	4.01
	40	36	48.57	3.56	47.49	3.67	46.13	3.79	45.38	3.86	44.77	3.91	43.14	4.03
	45	41	51.72	3.57	50.57	3.69	49.12	3.81	48.32	3.87	47.68	3.93	45.95	4.04
	47	43	52.99	3.58	51.80	3.70	50.32	3.81	49.50	3.88	48.84	3.93	47.07	4.05
	50	46	53.14	3.56	52.07	3.66	50.78	3.77	50.05	3.82	49.46	3.87	47.79	3.97
	55	51	53.40	3.52	52.52	3.60	51.55	3.69	50.95	3.73	50.48	3.77	48.99	3.85
	60	56	53.66	3.48	52.96	3.55	52.31	3.61	51.86	3.64	51.51	3.66	50.19	3.72
	63	59	53.82	3.46	53.23	3.51	52.77	3.57	52.41	3.58	52.12	3.60	50.91	3.64
	68	64	53.97	3.44	53.50	3.48	53.23	3.52	52.96	3.53	52.74	3.54	51.64	3.57

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 82: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	23.57	2.65	23.04	2.73	22.38	2.82	22.01	2.87	21.72	2.91	20.93	2.99
	-4	-4.4	26.58	2.82	25.99	2.91	25.25	3.00	24.83	3.05	24.50	3.10	23.61	3.19
	0	-0.4	28.06	2.91	27.44	3.01	26.65	3.10	26.22	3.16	25.87	3.20	24.93	3.30
	5	4.5	29.92	3.03	29.25	3.13	28.41	3.23	27.95	3.29	27.58	3.33	26.57	3.43
	10	9	32.46	3.35	31.74	3.46	30.83	3.57	30.33	3.63	29.92	3.68	28.84	3.79
	17	15	35.86	3.57	35.06	3.69	34.06	3.81	33.50	3.88	33.05	3.93	31.85	4.05
	20	19	38.42	3.59	37.56	3.70	36.49	3.82	35.89	3.89	35.42	3.94	34.13	4.06
	25	23	40.98	3.60	40.07	3.72	38.92	3.84	38.29	3.90	37.78	3.96	36.40	4.07
	30	28	44.18	3.61	43.20	3.73	41.96	3.85	41.28	3.92	40.73	3.97	39.25	4.09
	35	32	46.75	3.63	45.70	3.75	44.40	3.87	43.67	3.93	43.09	3.99	41.52	4.11
	40	36	49.31	3.64	48.20	3.76	46.83	3.88	46.06	3.95	45.45	4.00	43.80	4.12
	45	41	52.51	3.65	51.34	3.78	49.87	3.90	49.05	3.96	48.40	4.02	46.64	4.14
	47	43	53.79	3.66	52.59	3.78	51.08	3.90	50.25	3.97	49.58	4.02	47.78	4.14
	50	46	53.95	3.64	52.86	3.75	51.55	3.86	50.80	3.91	50.21	3.96	48.51	4.07
	55	51	54.21	3.60	53.31	3.69	52.33	3.78	51.73	3.82	51.25	3.85	49.73	3.94
	60	56	54.47	3.56	53.76	3.63	53.10	3.70	52.65	3.72	52.29	3.75	50.95	3.80
46	63	59	54.63	3.54	54.04	3.59	53.57	3.65	53.20	3.67	52.91	3.68	51.68	3.73
	68	64	54.79	3.51	54.31	3.56	54.04	3.60	53.76	3.61	53.54	3.62	52.42	3.65
	-13	-13.4	23.92	2.71	23.38	2.79	22.71	2.88	22.34	2.93	22.05	2.97	21.24	3.06
	-4	-4.4	26.98	2.88	26.38	2.98	25.62	3.07	25.20	3.12	24.87	3.17	23.96	3.26
	0	-0.4	28.48	2.98	27.85	3.08	27.05	3.18	26.61	3.23	26.26	3.27	25.30	3.37
	5	4.5	30.36	3.10	29.69	3.20	28.84	3.30	28.37	3.36	27.99	3.41	26.97	3.51
	10	9	32.95	3.42	32.21	3.54	31.29	3.65	30.78	3.71	30.37	3.76	29.27	3.87
	17	15	36.39	3.65	35.58	3.78	34.56	3.90	34.00	3.96	33.55	4.02	32.33	4.14
	20	19	38.99	3.67	38.12	3.79	37.03	3.91	36.43	3.98	35.94	4.03	34.64	4.15
	25	23	41.59	3.68	40.66	3.80	39.50	3.92	38.86	3.99	38.34	4.05	36.95	4.17
	30	28	44.84	3.70	43.84	3.82	42.59	3.94	41.89	4.01	41.34	4.06	39.83	4.18
	35	32	47.44	3.71	46.38	3.83	45.06	3.95	44.32	4.02	43.73	4.08	42.14	4.20
	40	36	50.04	3.72	48.92	3.84	47.53	3.97	46.75	4.04	46.13	4.09	44.45	4.21
	45	41	53.29	3.74	52.10	3.86	50.61	3.98	49.79	4.05	49.12	4.11	47.34	4.23
	47	43	54.59	3.74	53.37	3.87	51.85	3.99	51.00	4.06	50.32	4.12	48.49	4.24
	50	46	54.75	3.72	53.65	3.83	52.32	3.94	51.56	4.00	50.96	4.05	49.23	4.16
47	55	51	55.02	3.68	54.11	3.77	53.11	3.86	52.50	3.91	52.01	3.94	50.47	4.02
	60	56	55.29	3.64	54.57	3.71	53.90	3.78	53.43	3.81	53.07	3.83	51.71	3.89
	63	59	55.45	3.62	54.84	3.68	54.37	3.73	54.00	3.75	53.70	3.77	52.45	3.81
	68	64	55.61	3.59	55.12	3.64	54.85	3.68	54.56	3.69	54.34	3.70	53.20	3.73
	-13	-13.4	24.27	2.77	23.73	2.86	23.05	2.96	22.67	3.01	22.37	3.05	21.56	3.14
	-4	-4.4	27.38	2.95	26.76	3.05	26.00	3.15	25.57	3.20	25.23	3.24	24.32	3.34
	0	-0.4	28.90	3.05	28.26	3.15	27.45	3.25	27.00	3.31	26.64	3.35	25.67	3.45
	5	4.5	30.81	3.18	30.12	3.28	29.26	3.39	28.78	3.44	28.40	3.49	27.37	3.60
	10	9	33.43	3.51	32.69	3.62	31.75	3.74	31.23	3.80	30.82	3.85	29.70	3.97
	17	15	36.93	3.74	36.10	3.87	35.07	3.99	34.50	4.06	34.04	4.12	32.80	4.24
	20	19	39.57	3.76	38.68	3.88	37.58	4.01	36.96	4.08	36.47	4.13	35.15	4.25
	25	23	42.21	3.77	41.26	3.90	40.08	4.02	39.43	4.09	38.90	4.14	37.49	4.27
	30	28	45.50	3.79	44.49	3.91	43.22	4.04	42.51	4.11	41.94	4.16	40.42	4.29
	35	32	48.14	3.80	47.06	3.93	45.72	4.05	44.97	4.12	44.38	4.18	42.76	4.30
	40	36	50.78	3.81	49.64	3.94	48.23	4.07	47.44	4.14	46.81	4.19	45.11	4.32
	45	41	54.08	3.83	52.87	3.96	51.36	4.08	50.52	4.15	49.85	4.21	48.03	4.34
	47	43	55.39	3.84	54.16	3.96	52.61	4.09	51.75	4.16	51.06	4.22	49.21	4.34
	50	46	55.56	3.81	54.44	3.93	53.09	4.04	52.32	4.10	51.70	4.15	49.96	4.26
	55	51	55.83	3.77	54.90	3.86	53.89	3.96	53.27	4.00	52.78	4.04	51.21	4.12
	60	56	56.10	3.73	55.37	3.80	54.69	3.87	54.22	3.90	53.85	3.93	52.47	3.99
	63	59	56.26	3.71	55.65	3.77	55.17	3.82	54.79	3.84	54.49	3.86	53.22	3.90
	68	64	56.43	3.68	55.93	3.73	55.65	3.77	55.37	3.78	55.14	3.79	53.99	3.82

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 83: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
49	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91
	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
50	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91
	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 84: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
51	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
52	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91
	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
53	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91
	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 85: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
55	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91
	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
56	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91
	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 86: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
57	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
58	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91
	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
59	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91
	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 87: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
61	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91
	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
62	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91
	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 88: KUMXA481A Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
63	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
64	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91
	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41
	45	41	54.86	3.91	53.63	4.04	52.10	4.17	51.25	4.24	50.57	4.30	48.73	4.43
	47	43	56.20	3.92	54.94	4.05	53.37	4.18	52.50	4.25	51.80	4.31	49.92	4.44
65	50	46	56.36	3.89	55.23	4.01	53.86	4.13	53.08	4.19	52.45	4.24	50.68	4.35
	55	51	56.64	3.85	55.70	3.95	54.67	4.04	54.04	4.09	53.54	4.12	51.96	4.21
	60	56	56.91	3.81	56.17	3.89	55.48	3.96	55.01	3.99	54.63	4.01	53.23	4.07
	63	59	57.08	3.79	56.46	3.85	55.97	3.91	55.59	3.93	55.28	3.94	53.99	3.99
	68	64	57.24	3.76	56.74	3.81	56.46	3.86	56.17	3.87	55.94	3.87	54.77	3.91
	-13	-13.4	24.62	2.83	24.07	2.93	23.38	3.02	23.00	3.07	22.69	3.11	21.87	3.21
	-4	-4.4	27.77	3.02	27.15	3.12	26.38	3.21	25.95	3.27	25.60	3.31	24.67	3.41
	0	-0.4	29.32	3.12	28.67	3.22	27.85	3.32	27.39	3.38	27.03	3.43	26.05	3.53
	5	4.5	31.26	3.25	30.56	3.35	29.69	3.46	29.20	3.52	28.81	3.57	27.76	3.67
	10	9	33.92	3.58	33.16	3.70	32.21	3.82	31.69	3.88	31.26	3.94	30.13	4.06
	17	15	37.47	3.83	36.63	3.95	35.58	4.08	35.00	4.15	34.53	4.21	33.28	4.33
	20	19	40.14	3.84	39.24	3.97	38.12	4.09	37.50	4.16	37.00	4.22	35.66	4.35
	25	23	42.82	3.85	41.86	3.98	40.66	4.11	40.00	4.18	39.47	4.23	38.03	4.36
	30	28	46.16	3.87	45.13	4.00	43.84	4.12	43.13	4.20	42.55	4.25	41.00	4.38
	35	32	48.84	3.88	47.75	4.01	46.38	4.14	45.63	4.21	45.02	4.27	43.38	4.40
	40	36	51.51	3.90	50.36	4.02	48.92	4.15	48.13	4.22	47.49	4.28	45.76	4.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 89: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	10.16	0.91	9.93	0.94	9.65	0.97	9.49	0.99	9.36	1.00	9.02	1.03
	-4	-4.4	11.19	0.97	10.94	1.00	10.62	1.04	10.45	1.05	10.31	1.07	9.94	1.10
	0	-0.4	11.69	1.00	11.43	1.04	11.10	1.07	10.92	1.09	10.78	1.10	10.39	1.14
	5	4.5	12.32	1.04	12.05	1.08	11.70	1.11	11.51	1.13	11.36	1.15	10.95	1.18
	10	9	13.19	1.07	12.90	1.10	12.53	1.14	12.32	1.16	12.16	1.17	11.72	1.21
	17	15	14.35	1.09	14.03	1.12	13.63	1.16	13.41	1.18	13.23	1.19	12.75	1.23
	20	19	15.47	1.11	15.12	1.15	14.69	1.19	14.45	1.21	14.26	1.23	13.74	1.26
	25	23	16.58	1.14	16.21	1.18	15.75	1.22	15.49	1.24	15.28	1.26	14.73	1.30
	30	28	17.98	1.18	17.57	1.22	17.07	1.26	16.79	1.28	16.57	1.30	15.97	1.34
	35	32	19.09	1.21	18.66	1.25	18.13	1.29	17.83	1.31	17.60	1.33	16.96	1.37
	40	36	20.21	1.24	19.75	1.28	19.19	1.32	18.88	1.34	18.63	1.36	17.95	1.40
	45	41	21.60	1.28	21.12	1.32	20.51	1.36	20.18	1.38	19.91	1.40	19.19	1.45
	47	43	22.16	1.29	21.66	1.33	21.04	1.38	20.70	1.40	20.42	1.42	19.68	1.46
	50	46	22.22	1.28	21.77	1.32	21.24	1.36	20.93	1.38	20.68	1.40	19.98	1.43
	55	51	22.33	1.27	21.96	1.30	21.56	1.33	21.31	1.35	21.11	1.36	20.49	1.39
	60	56	22.44	1.26	22.15	1.28	21.88	1.30	21.69	1.31	21.54	1.32	20.99	1.34
	63	59	22.51	1.25	22.26	1.27	22.07	1.29	21.92	1.29	21.80	1.30	21.29	1.31
	68	64	22.57	1.24	22.37	1.26	22.26	1.27	22.15	1.27	22.06	1.28	21.59	1.29
19	-13	-13.4	10.82	0.98	10.58	1.02	10.28	1.05	10.11	1.07	9.97	1.08	9.61	1.11
	-4	-4.4	11.92	1.05	11.65	1.08	11.32	1.12	11.13	1.14	10.98	1.15	10.59	1.19
	0	-0.4	12.46	1.08	12.18	1.12	11.83	1.15	11.64	1.17	11.48	1.19	11.06	1.23
	5	4.5	13.13	1.13	12.83	1.16	12.47	1.20	12.26	1.22	12.10	1.24	11.66	1.28
	10	9	14.05	1.15	13.74	1.19	13.35	1.23	13.13	1.25	12.95	1.27	12.48	1.30
	17	15	15.29	1.17	14.94	1.21	14.52	1.25	14.28	1.27	14.09	1.29	13.58	1.33
	20	19	16.47	1.20	16.11	1.24	15.65	1.28	15.39	1.30	15.19	1.32	14.63	1.36
	25	23	17.66	1.23	17.27	1.27	16.77	1.32	16.50	1.34	16.28	1.36	15.69	1.40
	30	28	19.15	1.27	18.72	1.32	18.18	1.36	17.89	1.38	17.65	1.40	17.01	1.44
	35	32	20.34	1.31	19.88	1.35	19.31	1.39	19.00	1.42	18.75	1.43	18.06	1.48
	40	36	21.52	1.34	21.04	1.38	20.44	1.43	20.11	1.45	19.84	1.47	19.12	1.51
	45	41	23.01	1.38	22.49	1.42	21.85	1.47	21.50	1.49	21.21	1.51	20.44	1.56
	47	43	23.60	1.39	23.08	1.44	22.42	1.48	22.05	1.51	21.76	1.53	20.97	1.58
	50	46	23.67	1.38	23.19	1.43	22.62	1.47	22.29	1.49	22.03	1.51	21.29	1.55
	55	51	23.79	1.37	23.39	1.40	22.96	1.44	22.70	1.45	22.49	1.47	21.82	1.50
	60	56	23.90	1.35	23.59	1.38	23.30	1.41	23.10	1.42	22.94	1.42	22.36	1.45
	63	59	23.97	1.35	23.71	1.37	23.51	1.39	23.35	1.39	23.22	1.40	22.68	1.42
	68	64	24.04	1.34	23.83	1.35	23.71	1.37	23.59	1.37	23.49	1.38	23.00	1.39
20	-13	-13.4	11.48	1.06	11.23	1.09	10.91	1.12	10.73	1.14	10.59	1.16	10.20	1.19
	-4	-4.4	12.65	1.12	12.36	1.16	12.01	1.20	11.81	1.22	11.66	1.23	11.23	1.27
	0	-0.4	13.22	1.16	12.92	1.20	12.55	1.24	12.35	1.26	12.18	1.28	11.74	1.32
	5	4.5	13.93	1.21	13.62	1.25	13.23	1.29	13.01	1.31	12.84	1.33	12.37	1.37
	10	9	14.91	1.24	14.58	1.28	14.16	1.32	13.93	1.34	13.75	1.36	13.25	1.40
	17	15	16.22	1.26	15.86	1.30	15.41	1.34	15.15	1.36	14.95	1.38	14.41	1.42
	20	19	17.48	1.29	17.09	1.33	16.60	1.38	16.33	1.40	16.12	1.42	15.53	1.46
	25	23	18.74	1.32	18.32	1.37	17.80	1.41	17.51	1.44	17.28	1.46	16.65	1.50
	30	28	20.32	1.37	19.87	1.41	19.30	1.46	18.98	1.48	18.73	1.50	18.05	1.55
	35	32	21.58	1.40	21.10	1.45	20.50	1.49	20.16	1.52	19.89	1.54	19.17	1.59
	40	36	22.84	1.43	22.33	1.48	21.69	1.53	21.34	1.56	21.06	1.58	20.29	1.62
	45	41	24.42	1.48	23.87	1.53	23.19	1.57	22.81	1.60	22.51	1.62	21.69	1.67
	47	43	25.05	1.49	24.49	1.54	23.79	1.59	23.40	1.62	23.09	1.64	22.25	1.69
	50	46	25.12	1.48	24.61	1.53	24.01	1.57	23.66	1.60	23.38	1.62	22.59	1.66
	55	51	25.24	1.47	24.83	1.50	24.37	1.54	24.09	1.56	23.86	1.57	23.16	1.61
	60	56	25.37	1.45	25.04	1.48	24.73	1.51	24.52	1.52	24.35	1.53	23.73	1.55
	63	59	25.44	1.44	25.16	1.47	24.95	1.49	24.78	1.50	24.64	1.50	24.07	1.52
	68	64	25.51	1.43	25.29	1.45	25.16	1.47	25.04	1.47	24.93	1.48	24.41	1.49

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 90: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	12.15	1.13	11.87	1.16	11.54	1.20	11.35	1.22	11.20	1.24	10.79	1.28
	-4	-4.4	13.38	1.20	13.08	1.24	12.70	1.28	12.50	1.30	12.33	1.32	11.88	1.36
	0	-0.4	13.98	1.24	13.67	1.28	13.28	1.32	13.06	1.35	12.89	1.36	12.42	1.40
	5	4.5	14.74	1.29	14.41	1.33	13.99	1.38	13.77	1.40	13.58	1.42	13.09	1.46
	10	9	15.77	1.32	15.42	1.36	14.98	1.41	14.74	1.43	14.54	1.45	14.01	1.49
	17	15	17.16	1.34	16.77	1.39	16.29	1.43	16.03	1.45	15.82	1.47	15.24	1.52
	20	19	18.49	1.38	18.08	1.42	17.56	1.47	17.27	1.49	17.04	1.51	16.43	1.56
	25	23	19.82	1.41	19.38	1.46	18.83	1.51	18.52	1.53	18.27	1.55	17.61	1.60
	30	28	21.49	1.46	21.01	1.51	20.41	1.56	20.08	1.58	19.81	1.60	19.09	1.65
	35	32	22.83	1.50	22.32	1.54	21.68	1.59	21.32	1.62	21.04	1.64	20.28	1.69
	40	36	24.16	1.53	23.62	1.58	22.94	1.63	22.57	1.66	22.27	1.68	21.46	1.73
	45	41	25.83	1.58	25.25	1.63	24.53	1.68	24.13	1.71	23.81	1.73	22.94	1.79
	47	43	26.49	1.60	25.90	1.65	25.16	1.70	24.75	1.73	24.42	1.75	23.53	1.81
	50	46	26.57	1.59	26.03	1.63	25.39	1.68	25.02	1.71	24.73	1.73	23.89	1.77
	55	51	26.70	1.57	26.26	1.61	25.77	1.65	25.48	1.66	25.24	1.68	24.49	1.71
22	60	56	26.83	1.55	26.48	1.58	26.16	1.61	25.93	1.62	25.75	1.63	25.09	1.66
	63	59	26.91	1.54	26.61	1.57	26.38	1.59	26.20	1.60	26.06	1.60	25.45	1.62
	68	64	26.99	1.53	26.75	1.55	26.62	1.57	26.48	1.57	26.37	1.58	25.82	1.59
	-13	-13.4	12.81	1.20	12.52	1.24	12.16	1.28	11.97	1.30	11.81	1.32	11.38	1.36
	-4	-4.4	14.11	1.28	13.79	1.32	13.40	1.36	13.18	1.38	13.00	1.40	12.53	1.44
	0	-0.4	14.74	1.32	14.41	1.36	14.00	1.41	13.77	1.43	13.59	1.45	13.10	1.49
	5	4.5	15.54	1.37	15.19	1.42	14.76	1.46	14.52	1.49	14.32	1.51	13.80	1.55
	10	9	16.63	1.40	16.26	1.45	15.80	1.50	15.54	1.52	15.33	1.54	14.78	1.59
	17	15	18.09	1.43	17.69	1.47	17.18	1.52	16.90	1.55	16.68	1.57	16.07	1.62
	20	19	19.50	1.47	19.06	1.51	18.52	1.56	18.22	1.59	17.97	1.61	17.32	1.66
	25	23	20.91	1.50	20.44	1.55	19.86	1.60	19.53	1.63	19.27	1.65	18.57	1.70
	30	28	22.66	1.55	22.16	1.60	21.52	1.65	21.17	1.68	20.89	1.71	20.13	1.76
	35	32	24.07	1.59	23.53	1.64	22.86	1.70	22.49	1.72	22.19	1.75	21.38	1.80
	40	36	25.48	1.63	24.91	1.68	24.20	1.74	23.80	1.77	23.48	1.79	22.63	1.84
	45	41	27.24	1.68	26.63	1.73	25.87	1.79	25.44	1.82	25.10	1.84	24.19	1.90
	47	43	27.94	1.70	27.31	1.75	26.53	1.81	26.10	1.84	25.75	1.86	24.82	1.92
23	50	46	28.02	1.69	27.46	1.74	26.78	1.79	26.39	1.81	26.08	1.84	25.20	1.88
	55	51	28.16	1.67	27.69	1.71	27.18	1.75	26.87	1.77	26.62	1.79	25.83	1.82
	60	56	28.29	1.65	27.93	1.68	27.58	1.71	27.35	1.73	27.16	1.74	26.46	1.76
	63	59	28.38	1.64	28.07	1.67	27.82	1.69	27.63	1.70	27.48	1.71	26.84	1.73
	68	64	28.46	1.63	28.21	1.65	28.07	1.67	27.92	1.67	27.81	1.68	27.23	1.69
	-13	-13.4	13.47	1.27	13.17	1.31	12.79	1.35	12.58	1.38	12.42	1.40	11.97	1.44
	-4	-4.4	14.84	1.35	14.50	1.40	14.09	1.44	13.86	1.47	13.67	1.49	13.18	1.53
	0	-0.4	15.51	1.40	15.16	1.44	14.73	1.49	14.49	1.52	14.29	1.54	13.77	1.58
	5	4.5	16.34	1.46	15.98	1.50	15.52	1.55	15.27	1.58	15.06	1.60	14.52	1.65
	10	9	17.49	1.49	17.10	1.54	16.61	1.59	16.34	1.61	16.13	1.64	15.54	1.68
	17	15	19.03	1.51	18.60	1.56	18.07	1.61	17.78	1.64	17.54	1.66	16.90	1.71
	20	19	20.51	1.55	20.05	1.60	19.48	1.66	19.16	1.68	18.90	1.71	18.22	1.76
	25	23	21.99	1.59	21.50	1.65	20.88	1.70	20.54	1.73	20.27	1.75	19.53	1.80
	30	28	23.84	1.64	23.30	1.70	22.64	1.75	22.27	1.78	21.97	1.81	21.17	1.86
	35	32	25.32	1.69	24.75	1.74	24.04	1.80	23.65	1.83	23.34	1.85	22.49	1.91
	40	36	26.79	1.73	26.20	1.78	25.45	1.84	25.03	1.87	24.70	1.90	23.80	1.95
	45	41	28.64	1.78	28.00	1.84	27.20	1.90	26.76	1.93	26.40	1.95	25.44	2.01
	47	43	29.38	1.80	28.73	1.86	27.91	1.92	27.45	1.95	27.09	1.98	26.10	2.04
	50	46	29.47	1.79	28.88	1.84	28.16	1.89	27.75	1.92	27.43	1.94	26.50	2.00
	55	51	29.61	1.77	29.12	1.81	28.58	1.85	28.26	1.88	27.99	1.89	27.17	1.93
	60	56	29.76	1.75	29.37	1.78	29.01	1.82	28.76	1.83	28.56	1.84	27.83	1.87
	63	59	29.84	1.74	29.52	1.77	29.26	1.79	29.06	1.80	28.90	1.81	28.23	1.83
	68	64	29.93	1.73	29.67	1.75	29.52	1.77	29.37	1.77	29.25	1.78	28.64	1.79

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 91: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	14.13	1.35	13.82	1.39	13.42	1.44	13.20	1.46	13.03	1.48	12.55	1.53
	-4	-4.4	15.56	1.44	15.22	1.48	14.78	1.53	14.54	1.56	14.35	1.58	13.83	1.63
	0	-0.4	16.27	1.48	15.90	1.53	15.45	1.58	15.20	1.61	15.00	1.63	14.45	1.68
	5	4.5	17.15	1.54	16.76	1.60	16.28	1.65	16.02	1.68	15.81	1.70	15.23	1.75
	10	9	18.35	1.58	17.94	1.63	17.43	1.68	17.15	1.71	16.92	1.74	16.30	1.79
	17	15	19.97	1.60	19.52	1.66	18.96	1.71	18.65	1.74	18.40	1.76	17.73	1.82
	20	19	21.52	1.65	21.04	1.70	20.44	1.76	20.10	1.79	19.83	1.81	19.11	1.87
	25	23	23.07	1.69	22.55	1.75	21.91	1.80	21.55	1.83	21.26	1.86	20.49	1.92
	30	28	25.01	1.75	24.45	1.80	23.75	1.86	23.36	1.89	23.05	1.92	22.21	1.98
	35	32	26.56	1.79	25.97	1.85	25.23	1.91	24.81	1.94	24.48	1.97	23.59	2.03
	40	36	28.11	1.83	27.48	1.89	26.70	1.95	26.26	1.99	25.91	2.01	24.97	2.08
	45	41	30.05	1.89	29.38	1.95	28.54	2.01	28.08	2.05	27.70	2.07	26.69	2.14
	47	43	30.83	1.91	30.14	1.97	29.28	2.03	28.80	2.07	28.42	2.10	27.38	2.16
	50	46	30.92	1.90	30.30	1.95	29.55	2.01	29.12	2.04	28.77	2.06	27.80	2.12
	55	51	31.07	1.88	30.55	1.92	29.99	1.97	29.65	1.99	29.37	2.01	28.50	2.05
25	60	56	31.22	1.86	30.81	1.89	30.44	1.93	30.18	1.94	29.97	1.95	29.20	1.98
	63	59	31.31	1.84	30.97	1.87	30.70	1.90	30.49	1.91	30.32	1.92	29.62	1.94
	68	64	31.40	1.83	31.13	1.86	30.97	1.88	30.81	1.88	30.69	1.89	30.04	1.90
	-13	-13.4	14.80	1.43	14.47	1.47	14.05	1.52	13.82	1.55	13.64	1.57	13.14	1.61
	-4	-4.4	16.29	1.52	15.93	1.57	15.48	1.62	15.22	1.65	15.02	1.67	14.47	1.72
	0	-0.4	17.03	1.57	16.65	1.62	16.17	1.67	15.91	1.70	15.70	1.73	15.13	1.78
	5	4.5	17.95	1.63	17.55	1.69	17.05	1.74	16.77	1.77	16.55	1.80	15.94	1.85
	10	9	19.21	1.67	18.79	1.73	18.25	1.78	17.95	1.81	17.71	1.84	17.07	1.89
	17	15	20.90	1.70	20.43	1.75	19.85	1.81	19.53	1.84	19.27	1.87	18.57	1.92
	20	19	22.53	1.74	22.02	1.80	21.39	1.86	21.04	1.89	20.76	1.92	20.01	1.97
	25	23	24.15	1.79	23.61	1.85	22.94	1.91	22.56	1.94	22.26	1.97	21.45	2.03
	30	28	26.18	1.85	25.60	1.91	24.86	1.97	24.46	2.00	24.13	2.03	23.26	2.09
	35	32	27.81	1.89	27.18	1.96	26.41	2.02	25.98	2.05	25.63	2.08	24.70	2.14
	40	36	29.43	1.94	28.77	2.00	27.95	2.07	27.49	2.10	27.13	2.13	26.14	2.20
	45	41	31.46	2.00	30.76	2.06	29.88	2.13	29.39	2.17	29.00	2.19	27.95	2.26
	47	43	32.27	2.02	31.55	2.09	30.65	2.15	30.15	2.19	29.75	2.22	28.67	2.29
26	50	46	32.37	2.01	31.72	2.07	30.93	2.13	30.48	2.16	30.12	2.18	29.11	2.24
	55	51	32.53	1.99	31.99	2.03	31.40	2.08	31.04	2.11	30.75	2.13	29.84	2.17
	60	56	32.68	1.96	32.26	2.00	31.86	2.04	31.59	2.05	31.37	2.07	30.57	2.10
	63	59	32.78	1.95	32.42	1.98	32.14	2.01	31.92	2.02	31.75	2.03	31.01	2.06
	68	64	32.87	1.94	32.59	1.96	32.42	1.99	32.26	1.99	32.12	2.00	31.45	2.01
	-13	-13.4	15.46	1.50	15.11	1.55	14.68	1.60	14.44	1.63	14.25	1.65	13.73	1.70
	-4	-4.4	17.02	1.60	16.64	1.66	16.17	1.71	15.90	1.74	15.69	1.76	15.12	1.81
	0	-0.4	17.79	1.66	17.40	1.71	16.90	1.77	16.62	1.80	16.40	1.82	15.80	1.88
	5	4.5	18.75	1.72	18.33	1.78	17.81	1.84	17.52	1.87	17.29	1.90	16.66	1.95
	10	9	20.08	1.76	19.63	1.82	19.07	1.88	18.75	1.91	18.51	1.94	17.83	2.00
	17	15	21.84	1.79	21.35	1.85	20.74	1.91	20.40	1.94	20.13	1.97	19.40	2.03
	20	19	23.53	1.84	23.01	1.90	22.35	1.96	21.99	1.99	21.69	2.02	20.90	2.08
	25	23	25.23	1.89	24.67	1.95	23.96	2.01	23.57	2.05	23.26	2.08	22.41	2.14
	30	28	27.35	1.95	26.74	2.01	25.98	2.08	25.55	2.11	25.21	2.14	24.30	2.21
	35	32	29.05	2.00	28.40	2.06	27.59	2.13	27.14	2.17	26.78	2.19	25.80	2.26
	40	36	30.75	2.05	30.06	2.11	29.20	2.18	28.73	2.22	28.34	2.25	27.31	2.32
	45	41	32.87	2.11	32.14	2.18	31.22	2.25	30.71	2.28	30.30	2.31	29.20	2.38
	47	43	33.72	2.13	32.97	2.20	32.02	2.27	31.50	2.31	31.08	2.34	29.95	2.41
	50	46	33.82	2.12	33.14	2.18	32.32	2.24	31.85	2.28	31.47	2.30	30.41	2.37
	55	51	33.98	2.09	33.42	2.15	32.80	2.20	32.43	2.22	32.12	2.24	31.17	2.29
	60	56	34.15	2.07	33.70	2.11	33.29	2.15	33.00	2.17	32.78	2.18	31.94	2.21
	63	59	34.25	2.06	33.87	2.09	33.58	2.12	33.35	2.13	33.17	2.14	32.40	2.17
	68	64	34.35	2.05	34.04	2.07	33.88	2.10	33.70	2.10	33.56	2.11	32.86	2.12

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 92: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	16.12	1.59	15.76	1.64	15.31	1.69	15.06	1.72	14.86	1.75	14.32	1.80
	-4	-4.4	17.75	1.69	17.36	1.75	16.86	1.80	16.59	1.84	16.37	1.86	15.77	1.92
	0	-0.4	18.56	1.75	18.14	1.81	17.62	1.87	17.33	1.90	17.10	1.92	16.48	1.98
	5	4.5	19.56	1.82	19.12	1.88	18.57	1.94	18.27	1.97	18.03	2.00	17.37	2.06
	10	9	20.94	1.86	20.47	1.92	19.88	1.99	19.56	2.02	19.30	2.05	18.60	2.11
	17	15	22.77	1.89	22.26	1.95	21.63	2.02	21.27	2.05	20.99	2.08	20.23	2.14
	20	19	24.54	1.94	23.99	2.01	23.31	2.07	22.93	2.11	22.62	2.14	21.80	2.20
	25	23	26.31	1.99	25.72	2.06	24.99	2.13	24.58	2.16	24.25	2.19	23.37	2.26
	30	28	28.53	2.06	27.89	2.13	27.09	2.19	26.65	2.23	26.29	2.26	25.34	2.33
	35	32	30.30	2.11	29.62	2.18	28.77	2.25	28.30	2.29	27.93	2.32	26.91	2.39
	40	36	32.07	2.16	31.35	2.23	30.45	2.30	29.96	2.34	29.56	2.37	28.48	2.45
	45	41	34.28	2.22	33.51	2.30	32.56	2.37	32.02	2.41	31.60	2.44	30.45	2.52
	47	43	35.16	2.25	34.38	2.32	33.40	2.40	32.85	2.44	32.41	2.47	31.23	2.55
	50	46	35.27	2.24	34.56	2.30	33.70	2.37	33.21	2.41	32.82	2.43	31.71	2.50
	55	51	35.44	2.21	34.85	2.27	34.21	2.32	33.82	2.35	33.50	2.37	32.51	2.42
28	60	56	35.61	2.19	35.15	2.23	34.72	2.27	34.42	2.29	34.18	2.30	33.31	2.34
	63	59	35.71	2.17	35.33	2.21	35.02	2.24	34.78	2.25	34.59	2.26	33.78	2.29
	68	64	35.82	2.16	35.50	2.19	35.33	2.21	35.15	2.22	35.00	2.22	34.27	2.24
	-13	-13.4	16.78	1.67	16.41	1.72	15.94	1.78	15.68	1.81	15.47	1.83	14.91	1.89
	-4	-4.4	18.48	1.78	18.07	1.83	17.55	1.89	17.27	1.93	17.04	1.95	16.42	2.01
	0	-0.4	19.32	1.84	18.89	1.90	18.35	1.96	18.05	1.99	17.81	2.02	17.16	2.08
	5	4.5	20.36	1.91	19.91	1.97	19.34	2.04	19.02	2.07	18.77	2.10	18.09	2.16
	10	9	21.80	1.95	21.31	2.02	20.70	2.08	20.36	2.12	20.09	2.15	19.36	2.21
	17	15	23.71	1.98	23.18	2.05	22.52	2.12	22.15	2.15	21.85	2.18	21.06	2.25
	20	19	25.55	2.04	24.98	2.11	24.27	2.17	23.87	2.21	23.55	2.24	22.70	2.31
	25	23	27.39	2.09	26.78	2.16	26.02	2.23	25.59	2.27	25.25	2.30	24.33	2.37
	30	28	29.70	2.16	29.03	2.23	28.20	2.30	27.74	2.34	27.38	2.37	26.38	2.44
	35	32	31.54	2.21	30.84	2.29	29.95	2.36	29.47	2.40	29.07	2.43	28.02	2.51
	40	36	33.38	2.27	32.64	2.34	31.71	2.42	31.19	2.46	30.77	2.49	29.65	2.57
	45	41	35.69	2.33	34.89	2.41	33.89	2.49	33.34	2.53	32.90	2.57	31.70	2.64
	47	43	36.61	2.36	35.79	2.44	34.77	2.52	34.20	2.56	33.75	2.59	32.52	2.67
29	50	46	36.72	2.35	35.98	2.42	35.09	2.49	34.58	2.52	34.17	2.55	33.02	2.62
	55	51	36.90	2.32	36.28	2.38	35.61	2.43	35.20	2.46	34.88	2.48	33.85	2.54
	60	56	37.07	2.30	36.59	2.34	36.14	2.38	35.83	2.40	35.59	2.42	34.68	2.45
	63	59	37.18	2.28	36.78	2.32	36.46	2.35	36.21	2.36	36.01	2.37	35.17	2.40
	68	64	37.29	2.27	36.96	2.30	36.78	2.32	36.59	2.33	36.44	2.33	35.68	2.35
	-13	-13.4	17.45	1.76	17.06	1.82	16.57	1.87	16.30	1.91	16.08	1.93	15.50	1.99
	-4	-4.4	19.21	1.87	18.78	1.93	18.25	2.00	17.95	2.03	17.71	2.06	17.07	2.12
	0	-0.4	20.08	1.94	19.63	2.00	19.07	2.06	18.76	2.10	18.51	2.13	17.84	2.19
	5	4.5	21.17	2.02	20.69	2.08	20.10	2.15	19.77	2.19	19.51	2.22	18.80	2.28
	10	9	22.66	2.06	22.15	2.13	21.52	2.20	21.17	2.23	20.88	2.26	20.12	2.33
	17	15	24.64	2.09	24.09	2.16	23.41	2.23	23.02	2.27	22.72	2.30	21.89	2.37
	20	19	26.56	2.15	25.97	2.22	25.22	2.29	24.81	2.33	24.48	2.36	23.59	2.43
	25	23	28.48	2.21	27.84	2.28	27.04	2.35	26.60	2.39	26.25	2.43	25.29	2.50
	30	28	30.87	2.28	30.18	2.35	29.32	2.43	28.84	2.47	28.46	2.50	27.42	2.58
	35	32	32.79	2.33	32.05	2.41	31.14	2.49	30.63	2.53	30.22	2.57	29.12	2.64
	40	36	34.70	2.39	33.93	2.47	32.96	2.55	32.42	2.59	31.99	2.63	30.82	2.71
	45	41	37.10	2.46	36.27	2.54	35.23	2.62	34.66	2.67	34.19	2.71	32.95	2.79
	47	43	38.05	2.49	37.20	2.57	36.14	2.65	35.55	2.70	35.08	2.74	33.80	2.82
	50	46	38.17	2.47	37.40	2.55	36.47	2.62	35.94	2.66	35.52	2.69	34.32	2.77
	55	51	38.35	2.45	37.72	2.51	37.02	2.57	36.59	2.60	36.25	2.62	35.18	2.68
	60	56	38.54	2.42	38.04	2.47	37.57	2.51	37.25	2.53	36.99	2.55	36.04	2.59
	63	59	38.65	2.41	38.23	2.44	37.90	2.48	37.64	2.49	37.43	2.50	36.56	2.53
	68	64	38.76	2.39	38.42	2.42	38.23	2.45	38.03	2.46	37.88	2.46	37.09	2.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F ^{WITH LGRED°}
MULTI F MAX

Table 93: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	18.11	1.84	17.70	1.90	17.20	1.97	16.92	2.00	16.69	2.03	16.09	2.09
	-4	-4.4	19.94	1.96	19.50	2.03	18.94	2.09	18.63	2.13	18.38	2.16	17.71	2.22
	0	-0.4	20.84	2.03	20.38	2.10	19.80	2.16	19.47	2.20	19.21	2.23	18.51	2.30
	5	4.5	21.97	2.11	21.48	2.18	20.86	2.25	20.52	2.29	20.25	2.32	19.51	2.39
	10	9	23.52	2.16	22.99	2.23	22.33	2.30	21.97	2.34	21.68	2.37	20.89	2.45
	17	15	25.58	2.19	25.01	2.27	24.29	2.34	23.90	2.38	23.58	2.41	22.72	2.48
	20	19	27.57	2.25	26.95	2.33	26.18	2.40	25.75	2.44	25.41	2.48	24.49	2.55
	25	23	29.56	2.31	28.90	2.39	28.07	2.47	27.61	2.51	27.25	2.54	26.25	2.62
	30	28	32.04	2.39	31.33	2.47	30.43	2.54	29.93	2.59	29.54	2.62	28.46	2.70
	35	32	34.03	2.45	33.27	2.53	32.32	2.61	31.79	2.65	31.37	2.69	30.23	2.77
	40	36	36.02	2.51	35.21	2.59	34.21	2.67	33.65	2.72	33.20	2.75	31.99	2.84
	45	41	38.50	2.58	37.64	2.67	36.57	2.75	35.97	2.80	35.49	2.84	34.20	2.92
	47	43	39.50	2.61	38.62	2.70	37.51	2.78	36.90	2.83	36.41	2.87	35.09	2.95
	50	46	39.61	2.59	38.82	2.67	37.86	2.75	37.31	2.79	36.87	2.82	35.62	2.90
	55	51	39.81	2.57	39.15	2.63	38.43	2.69	37.98	2.72	37.63	2.75	36.52	2.81
	60	56	40.00	2.54	39.48	2.59	39.00	2.63	38.66	2.65	38.39	2.67	37.41	2.71
31	63	59	40.12	2.52	39.68	2.56	39.34	2.60	39.07	2.61	38.85	2.62	37.95	2.66
	68	64	40.23	2.51	39.88	2.54	39.68	2.57	39.48	2.57	39.32	2.58	38.49	2.60
	-13	-13.4	18.77	1.93	18.35	1.99	17.83	2.06	17.54	2.09	17.30	2.12	16.67	2.18
	-4	-4.4	20.67	2.05	20.21	2.12	19.63	2.19	19.31	2.23	19.06	2.26	18.36	2.32
	0	-0.4	21.61	2.12	21.12	2.19	20.52	2.26	20.18	2.30	19.92	2.33	19.19	2.40
	5	4.5	22.77	2.21	22.26	2.28	21.63	2.36	21.27	2.40	20.99	2.43	20.23	2.50
	10	9	24.38	2.26	23.83	2.33	23.15	2.41	22.77	2.45	22.47	2.48	21.65	2.56
	17	15	26.52	2.29	25.92	2.37	25.18	2.45	24.77	2.49	24.44	2.52	23.55	2.60
	20	19	28.58	2.36	27.94	2.43	27.14	2.51	26.70	2.56	26.34	2.59	25.38	2.67
	25	23	30.64	2.42	29.95	2.50	29.10	2.58	28.62	2.62	28.24	2.66	27.22	2.74
	30	28	33.21	2.50	32.47	2.58	31.54	2.66	31.03	2.71	30.62	2.74	29.50	2.83
	35	32	35.28	2.56	34.49	2.64	33.50	2.73	32.95	2.77	32.52	2.81	31.33	2.90
	40	36	37.34	2.62	36.50	2.71	35.46	2.79	34.88	2.84	34.42	2.88	33.17	2.97
	45	41	39.91	2.70	39.02	2.79	37.91	2.88	37.29	2.93	36.79	2.97	35.45	3.06
	47	43	40.94	2.73	40.03	2.82	38.89	2.91	38.25	2.96	37.74	3.00	36.37	3.09
	50	46	41.06	2.71	40.24	2.79	39.24	2.87	38.67	2.92	38.22	2.95	36.93	3.03
32	55	51	41.26	2.68	40.58	2.75	39.83	2.82	39.37	2.85	39.01	2.87	37.85	2.93
	60	56	41.47	2.65	40.93	2.71	40.42	2.76	40.08	2.78	39.80	2.79	38.78	2.84
	63	59	41.59	2.64	41.13	2.68	40.78	2.72	40.50	2.73	40.27	2.75	39.34	2.78
	68	64	41.71	2.62	41.34	2.65	41.13	2.69	40.92	2.69	40.75	2.70	39.90	2.72
	-13	-13.4	19.43	2.02	19.00	2.09	18.46	2.15	18.16	2.19	17.91	2.22	17.26	2.29
	-4	-4.4	21.40	2.15	20.92	2.22	20.33	2.29	19.99	2.33	19.73	2.36	19.01	2.43
	0	-0.4	22.37	2.22	21.87	2.30	21.24	2.37	20.90	2.41	20.62	2.44	19.87	2.52
	5	4.5	23.58	2.31	23.05	2.39	22.39	2.47	22.03	2.51	21.73	2.54	20.94	2.62
	10	9	25.24	2.37	24.67	2.44	23.97	2.52	23.58	2.57	23.26	2.60	22.42	2.68
	17	15	27.45	2.40	26.84	2.48	26.07	2.56	25.65	2.61	25.30	2.64	24.38	2.72
	20	19	29.59	2.47	28.92	2.55	28.10	2.63	27.64	2.68	27.27	2.71	26.28	2.79
	25	23	31.72	2.53	31.01	2.62	30.12	2.70	29.63	2.75	29.24	2.78	28.18	2.87
	30	28	34.39	2.61	33.62	2.70	32.66	2.79	32.12	2.84	31.70	2.87	30.54	2.96
	35	32	36.52	2.68	35.70	2.77	34.68	2.86	34.12	2.91	33.66	2.95	32.44	3.03
	40	36	38.65	2.74	37.79	2.84	36.71	2.93	36.11	2.98	35.63	3.02	34.34	3.11
	45	41	41.32	2.83	40.40	2.92	39.24	3.01	38.60	3.06	38.09	3.11	36.71	3.20
	47	43	42.39	2.86	41.44	2.95	40.26	3.05	39.60	3.10	39.07	3.14	37.65	3.24
	50	46	42.51	2.84	41.66	2.93	40.62	3.01	40.04	3.06	39.57	3.09	38.23	3.18
	55	51	42.72	2.81	42.01	2.88	41.24	2.95	40.76	2.98	40.38	3.01	39.19	3.07
	60	56	42.93	2.78	42.37	2.83	41.85	2.89	41.49	2.91	41.20	2.93	40.15	2.97
	63	59	43.05	2.76	42.58	2.81	42.22	2.85	41.93	2.86	41.70	2.88	40.73	2.91
	68	64	43.18	2.74	42.80	2.78	42.59	2.81	42.37	2.82	42.19	2.83	41.31	2.85

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 94: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	20.10	2.12	19.65	2.19	19.09	2.26	18.77	2.30	18.52	2.33	17.85	2.40
	-4	-4.4	22.13	2.25	21.64	2.33	21.02	2.40	20.68	2.44	20.40	2.48	19.66	2.55
	0	-0.4	23.13	2.33	22.61	2.41	21.97	2.48	21.61	2.53	21.32	2.56	20.55	2.64
	5	4.5	24.38	2.43	23.84	2.51	23.15	2.59	22.78	2.63	22.47	2.67	21.66	2.75
	10	9	26.10	2.48	25.51	2.56	24.79	2.64	24.38	2.69	24.06	2.73	23.18	2.81
	17	15	28.39	2.52	27.75	2.60	26.96	2.69	26.52	2.73	26.17	2.77	25.22	2.85
	20	19	30.59	2.59	29.91	2.67	29.06	2.76	28.58	2.81	28.20	2.84	27.18	2.93
	25	23	32.80	2.66	32.07	2.74	31.15	2.83	30.64	2.88	30.24	2.92	29.14	3.01
	30	28	35.56	2.74	34.76	2.83	33.77	2.92	33.22	2.97	32.78	3.01	31.59	3.10
	35	32	37.77	2.81	36.92	2.90	35.87	3.00	35.28	3.05	34.81	3.09	33.55	3.18
	40	36	39.97	2.88	39.08	2.97	37.96	3.07	37.34	3.12	36.85	3.16	35.51	3.26
	45	41	42.73	2.96	41.78	3.06	40.58	3.16	39.92	3.21	39.39	3.26	37.96	3.35
	47	43	43.83	3.00	42.85	3.10	41.63	3.19	40.95	3.25	40.41	3.29	38.94	3.39
	50	46	43.96	2.98	43.08	3.07	42.01	3.16	41.40	3.20	40.91	3.24	39.53	3.33
	55	51	44.18	2.95	43.45	3.02	42.64	3.09	42.15	3.13	41.76	3.15	40.53	3.22
	60	56	44.39	2.92	43.81	2.97	43.28	3.03	42.91	3.05	42.61	3.07	41.52	3.11
34	63	59	44.52	2.90	44.04	2.94	43.66	2.99	43.36	3.00	43.12	3.01	42.12	3.05
	68	64	44.65	2.88	44.26	2.91	44.04	2.95	43.81	2.96	43.63	2.96	42.72	2.99
	-13	-13.4	20.76	2.21	20.30	2.28	19.72	2.35	19.39	2.39	19.14	2.43	18.44	2.50
	-4	-4.4	22.86	2.35	22.35	2.43	21.71	2.51	21.36	2.55	21.07	2.58	20.31	2.66
	0	-0.4	23.89	2.43	23.36	2.51	22.69	2.59	22.32	2.64	22.02	2.67	21.22	2.75
	5	4.5	25.18	2.53	24.62	2.61	23.92	2.70	23.53	2.74	23.21	2.78	22.37	2.86
	10	9	26.96	2.59	26.36	2.67	25.60	2.76	25.18	2.81	24.85	2.84	23.95	2.93
	17	15	29.32	2.63	28.67	2.72	27.85	2.80	27.39	2.85	27.03	2.89	26.05	2.98
	20	19	31.60	2.70	30.90	2.79	30.01	2.88	29.52	2.93	29.13	2.97	28.07	3.06
	25	23	33.88	2.77	33.13	2.86	32.18	2.95	31.65	3.00	31.23	3.05	30.10	3.14
	30	28	36.73	2.86	35.91	2.95	34.88	3.05	34.31	3.10	33.86	3.14	32.63	3.24
	35	32	39.01	2.93	38.14	3.03	37.05	3.12	36.44	3.18	35.96	3.22	34.65	3.32
	40	36	41.29	3.00	40.37	3.10	39.21	3.20	38.57	3.26	38.06	3.30	36.68	3.40
	45	41	44.14	3.09	43.15	3.19	41.92	3.29	41.24	3.35	40.69	3.40	39.21	3.50
	47	43	45.28	3.13	44.27	3.23	43.00	3.33	42.30	3.39	41.74	3.44	40.22	3.54
	50	46	45.41	3.11	44.50	3.20	43.39	3.29	42.77	3.34	42.26	3.38	40.84	3.47
35	55	51	45.63	3.07	44.88	3.15	44.05	3.22	43.54	3.26	43.14	3.29	41.86	3.36
	60	56	45.86	3.04	45.26	3.10	44.70	3.16	44.32	3.18	44.01	3.20	42.89	3.25
	63	59	45.99	3.02	45.49	3.07	45.09	3.12	44.79	3.13	44.54	3.14	43.50	3.18
	68	64	46.12	3.00	45.72	3.04	45.49	3.08	45.26	3.08	45.07	3.09	44.13	3.12
	-13	-13.4	21.42	2.31	20.94	2.38	20.34	2.46	20.01	2.50	19.75	2.53	19.03	2.61
	-4	-4.4	23.59	2.46	23.06	2.54	22.40	2.62	22.04	2.66	21.75	2.70	20.95	2.78
	0	-0.4	24.66	2.54	24.10	2.62	23.42	2.71	23.03	2.75	22.73	2.79	21.90	2.87
	5	4.5	25.99	2.64	25.41	2.73	24.68	2.82	24.28	2.87	23.96	2.90	23.08	2.99
	10	9	27.82	2.70	27.20	2.79	26.42	2.88	25.99	2.93	25.64	2.97	24.71	3.06
	17	15	30.26	2.74	29.58	2.84	28.74	2.93	28.27	2.98	27.89	3.02	26.88	3.11
	20	19	32.61	2.82	31.88	2.91	30.97	3.01	30.47	3.06	30.06	3.10	28.97	3.19
	25	23	34.96	2.89	34.18	2.99	33.21	3.08	32.66	3.14	32.23	3.18	31.06	3.28
	30	28	37.90	2.99	37.06	3.08	36.00	3.18	35.41	3.24	34.94	3.28	33.67	3.38
	35	32	40.26	3.06	39.36	3.16	38.23	3.26	37.61	3.32	37.11	3.36	35.76	3.46
	40	36	42.61	3.13	41.66	3.24	40.47	3.34	39.80	3.40	39.28	3.45	37.85	3.55
	45	41	45.55	3.23	44.53	3.33	43.26	3.44	42.55	3.50	41.99	3.55	40.46	3.65
	47	43	46.72	3.26	45.68	3.37	44.38	3.48	43.65	3.54	43.07	3.59	41.50	3.70
	50	46	46.86	3.24	45.92	3.34	44.78	3.44	44.13	3.49	43.61	3.53	42.14	3.63
	55	51	47.09	3.21	46.31	3.29	45.45	3.37	44.93	3.40	44.52	3.44	43.20	3.51
	60	56	47.32	3.18	46.70	3.24	46.13	3.30	45.73	3.32	45.42	3.34	44.26	3.39
	63	59	47.46	3.15	46.94	3.21	46.53	3.25	46.21	3.27	45.96	3.28	44.89	3.32
	68	64	47.59	3.13	47.18	3.17	46.94	3.21	46.70	3.22	46.51	3.23	45.54	3.25

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 95: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	22.08	2.40	21.59	2.48	20.97	2.56	20.63	2.61	20.36	2.64	19.62	2.72
	-4	-4.4	24.32	2.56	23.78	2.64	23.10	2.73	22.72	2.78	22.42	2.81	21.60	2.90
	0	-0.4	25.42	2.65	24.85	2.73	24.14	2.82	23.75	2.87	23.43	2.91	22.58	3.00
	5	4.5	26.79	2.75	26.19	2.85	25.44	2.94	25.03	2.99	24.70	3.03	23.80	3.12
	10	9	28.68	2.82	28.04	2.91	27.24	3.00	26.79	3.05	26.44	3.10	25.47	3.19
	17	15	31.20	2.86	30.50	2.96	29.63	3.05	29.14	3.10	28.76	3.14	27.71	3.24
	20	19	33.62	2.94	32.87	3.04	31.93	3.13	31.41	3.19	30.99	3.23	29.86	3.33
	25	23	36.05	3.02	35.24	3.12	34.23	3.22	33.67	3.27	33.23	3.31	32.02	3.41
	30	28	39.08	3.11	38.20	3.22	37.11	3.32	36.51	3.38	36.02	3.42	34.71	3.52
	35	32	41.50	3.19	40.57	3.30	39.41	3.40	38.77	3.46	38.26	3.51	36.86	3.61
	40	36	43.93	3.27	42.94	3.38	41.72	3.48	41.04	3.54	40.49	3.59	39.02	3.70
	45	41	46.96	3.36	45.91	3.48	44.60	3.59	43.87	3.65	43.28	3.70	41.71	3.81
	47	43	48.17	3.40	47.09	3.52	45.75	3.63	45.00	3.69	44.40	3.74	42.79	3.85
	50	46	48.31	3.38	47.34	3.48	46.16	3.58	45.50	3.64	44.96	3.68	43.44	3.78
	55	51	48.55	3.35	47.74	3.43	46.86	3.51	46.32	3.55	45.89	3.58	44.53	3.66
37	60	56	48.78	3.31	48.15	3.37	47.56	3.44	47.15	3.46	46.82	3.48	45.63	3.54
	63	59	48.92	3.29	48.39	3.34	47.97	3.39	47.64	3.41	47.38	3.42	46.28	3.46
	68	64	49.07	3.27	48.64	3.31	48.39	3.35	48.15	3.36	47.95	3.36	46.94	3.39
	-13	-13.4	22.33	2.44	21.83	2.52	21.21	2.60	20.86	2.64	20.58	2.68	19.83	2.76
	-4	-4.4	24.59	2.59	24.04	2.68	23.35	2.77	22.97	2.81	22.67	2.85	21.84	2.94
	0	-0.4	25.70	2.68	25.13	2.77	24.41	2.86	24.01	2.91	23.69	2.95	22.83	3.04
	5	4.5	27.09	2.79	26.48	2.88	25.73	2.98	25.31	3.03	24.97	3.07	24.06	3.16
	10	9	29.00	2.85	28.35	2.95	27.54	3.04	27.09	3.10	26.73	3.14	25.76	3.23
	17	15	31.54	2.90	30.84	3.00	29.96	3.09	29.47	3.14	29.08	3.19	28.02	3.28
	20	19	33.99	2.98	33.23	3.08	32.28	3.17	31.76	3.23	31.34	3.27	30.20	3.37
	25	23	36.45	3.06	35.63	3.16	34.61	3.26	34.05	3.31	33.60	3.36	32.37	3.46
	30	28	39.51	3.15	38.63	3.26	37.52	3.36	36.91	3.42	36.42	3.47	35.10	3.57
	35	32	41.96	3.23	41.02	3.34	39.85	3.45	39.20	3.51	38.68	3.55	37.27	3.66
	40	36	44.41	3.31	43.42	3.42	42.18	3.53	41.49	3.59	40.94	3.64	39.45	3.75
	45	41	47.48	3.41	46.42	3.52	45.09	3.63	44.35	3.70	43.77	3.75	42.17	3.86
	47	43	48.70	3.45	47.62	3.56	46.26	3.68	45.50	3.74	44.90	3.79	43.26	3.90
38	50	46	48.85	3.43	47.86	3.53	46.68	3.63	46.00	3.69	45.46	3.73	43.93	3.83
	55	51	49.09	3.39	48.27	3.47	47.38	3.56	46.84	3.60	46.40	3.63	45.03	3.71
	60	56	49.32	3.35	48.68	3.42	48.08	3.48	47.67	3.51	47.34	3.53	46.13	3.58
	63	59	49.47	3.33	48.93	3.39	48.51	3.44	48.17	3.45	47.91	3.47	46.79	3.51
	68	64	49.61	3.31	49.18	3.35	48.93	3.39	48.68	3.40	48.48	3.41	47.47	3.44
	-13	-13.4	22.57	2.47	22.07	2.55	21.44	2.63	21.09	2.68	20.81	2.71	20.05	2.79
	-4	-4.4	24.86	2.63	24.31	2.72	23.61	2.80	23.22	2.85	22.92	2.89	22.08	2.98
	0	-0.4	25.98	2.72	25.40	2.81	24.68	2.90	24.27	2.95	23.95	2.99	23.08	3.08
	5	4.5	27.39	2.83	26.77	2.92	26.01	3.02	25.58	3.07	25.24	3.11	24.33	3.20
	10	9	29.32	2.89	28.66	2.99	27.84	3.08	27.39	3.14	27.02	3.18	26.04	3.27
	17	15	31.89	2.94	31.18	3.04	30.29	3.13	29.79	3.19	29.39	3.23	28.33	3.33
	20	19	34.37	3.02	33.60	3.12	32.64	3.22	32.11	3.27	31.68	3.32	30.53	3.42
	25	23	36.85	3.10	36.02	3.20	34.99	3.30	34.42	3.36	33.96	3.40	32.73	3.51
	30	28	39.94	3.20	39.05	3.30	37.94	3.41	37.32	3.47	36.82	3.51	35.48	3.62
	35	32	42.42	3.28	41.48	3.38	40.29	3.49	39.63	3.55	39.11	3.60	37.68	3.71
	40	36	44.90	3.36	43.90	3.47	42.64	3.58	41.95	3.64	41.39	3.69	39.89	3.80
	45	41	48.00	3.46	46.93	3.57	45.59	3.68	44.84	3.75	44.25	3.80	42.64	3.91
	47	43	49.24	3.49	48.14	3.61	46.76	3.73	46.00	3.79	45.39	3.84	43.74	3.96
	50	46	49.38	3.47	48.39	3.58	47.19	3.68	46.51	3.74	45.96	3.78	44.41	3.88
	55	51	49.63	3.44	48.80	3.52	47.90	3.60	47.35	3.65	46.91	3.68	45.52	3.76
	60	56	49.87	3.40	49.22	3.47	48.61	3.53	48.20	3.56	47.86	3.58	46.64	3.63
	63	59	50.01	3.38	49.47	3.43	49.04	3.48	48.70	3.50	48.43	3.51	47.31	3.56
	68	64	50.16	3.36	49.72	3.40	49.47	3.44	49.22	3.45	49.01	3.45	47.99	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 96: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	22.82	2.50	22.31	2.58	21.67	2.67	21.32	2.71	21.04	2.75	20.27	2.83
	-4	-4.4	25.13	2.66	24.57	2.75	23.87	2.84	23.48	2.89	23.17	2.93	22.32	3.02
	0	-0.4	26.27	2.75	25.68	2.84	24.95	2.94	24.54	2.99	24.21	3.03	23.33	3.12
	5	4.5	27.68	2.87	27.07	2.96	26.29	3.06	25.86	3.11	25.52	3.15	24.59	3.25
	10	9	29.63	2.93	28.97	3.03	28.14	3.12	27.68	3.18	27.32	3.22	26.32	3.32
	17	15	32.24	2.98	31.51	3.08	30.61	3.17	30.11	3.23	29.71	3.27	28.63	3.37
	20	19	34.74	3.06	33.96	3.16	32.99	3.26	32.46	3.32	32.02	3.36	30.86	3.46
	25	23	37.25	3.14	36.41	3.24	35.37	3.35	34.80	3.40	34.33	3.45	33.09	3.55
	30	28	40.38	3.24	39.48	3.35	38.35	3.45	37.72	3.51	37.22	3.56	35.87	3.67
	35	32	42.88	3.32	41.93	3.43	40.73	3.54	40.06	3.60	39.53	3.65	38.09	3.76
	40	36	45.39	3.40	44.38	3.51	43.11	3.62	42.40	3.69	41.84	3.74	40.32	3.85
	45	41	48.52	3.50	47.44	3.62	46.08	3.73	45.33	3.80	44.73	3.85	43.10	3.96
	47	43	49.78	3.54	48.66	3.66	47.27	3.77	46.50	3.84	45.88	3.89	44.21	4.01
	50	46	49.92	3.52	48.91	3.62	47.70	3.73	47.01	3.79	46.46	3.83	44.89	3.93
	55	51	50.16	3.48	49.33	3.57	48.42	3.65	47.87	3.69	47.42	3.73	46.02	3.81
	60	56	50.41	3.44	49.75	3.51	49.14	3.58	48.72	3.60	48.38	3.62	47.15	3.68
40	63	59	50.55	3.42	50.00	3.48	49.57	3.53	49.23	3.55	48.96	3.56	47.82	3.60
	68	64	50.70	3.40	50.26	3.44	50.01	3.48	49.75	3.49	49.55	3.50	48.51	3.53
	-13	-13.4	23.07	2.53	22.55	2.62	21.91	2.70	21.55	2.75	21.26	2.78	20.49	2.87
	-4	-4.4	25.40	2.70	24.83	2.79	24.12	2.88	23.73	2.93	23.41	2.97	22.56	3.05
	0	-0.4	26.55	2.79	25.95	2.88	25.21	2.97	24.80	3.02	24.47	3.07	23.58	3.16
	5	4.5	27.98	2.90	27.36	3.00	26.58	3.10	26.14	3.15	25.79	3.19	24.86	3.29
	10	9	29.95	2.97	29.28	3.07	28.45	3.16	27.98	3.22	27.61	3.26	26.61	3.36
	17	15	32.58	3.02	31.85	3.12	30.94	3.22	30.44	3.27	30.03	3.32	28.94	3.41
	20	19	35.11	3.10	34.33	3.20	33.35	3.30	32.80	3.36	32.37	3.40	31.19	3.51
	25	23	37.65	3.18	36.81	3.28	35.75	3.39	35.17	3.45	34.70	3.49	33.44	3.60
	30	28	40.81	3.28	39.90	3.39	38.76	3.50	38.13	3.56	37.62	3.61	36.25	3.71
	35	32	43.35	3.36	42.38	3.47	41.17	3.58	40.49	3.65	39.96	3.70	38.50	3.81
	40	36	45.88	3.44	44.85	3.56	43.57	3.67	42.86	3.74	42.29	3.79	40.75	3.90
	45	41	49.04	3.55	47.95	3.66	46.58	3.78	45.82	3.85	45.21	3.90	43.56	4.02
	47	43	50.31	3.59	49.19	3.71	47.78	3.82	47.00	3.89	46.38	3.94	44.69	4.06
	50	46	50.46	3.56	49.44	3.67	48.22	3.78	47.52	3.83	46.96	3.88	45.37	3.98
41	55	51	50.70	3.53	49.86	3.61	48.94	3.70	48.38	3.74	47.93	3.78	46.51	3.86
	60	56	50.95	3.49	50.29	3.56	49.67	3.62	49.24	3.65	48.90	3.67	47.65	3.73
	63	59	51.10	3.47	50.54	3.52	50.10	3.58	49.76	3.59	49.49	3.61	48.34	3.65
	68	64	51.25	3.44	50.80	3.49	50.54	3.53	50.29	3.54	50.08	3.55	49.03	3.58
	-13	-13.4	23.31	2.57	22.79	2.66	22.14	2.74	21.78	2.79	21.49	2.83	20.71	2.91
	-4	-4.4	25.67	2.74	25.10	2.83	24.38	2.92	23.98	2.97	23.66	3.01	22.80	3.10
	0	-0.4	26.83	2.83	26.23	2.93	25.48	3.02	25.07	3.07	24.73	3.11	23.83	3.21
	5	4.5	28.28	2.95	27.65	3.05	26.86	3.14	26.42	3.20	26.07	3.24	25.12	3.34
	10	9	30.27	3.01	29.60	3.11	28.75	3.21	28.28	3.27	27.90	3.31	26.89	3.41
	17	15	32.93	3.06	32.19	3.16	31.27	3.26	30.76	3.32	30.35	3.37	29.25	3.47
	20	19	35.49	3.15	34.70	3.25	33.70	3.35	33.15	3.41	32.71	3.46	31.52	3.56
	25	23	38.05	3.23	37.20	3.33	36.13	3.44	35.54	3.50	35.07	3.55	33.80	3.65
	30	28	41.25	3.33	40.33	3.44	39.17	3.55	38.53	3.61	38.02	3.66	36.64	3.77
	35	32	43.81	3.41	42.83	3.53	41.60	3.64	40.92	3.70	40.38	3.75	38.91	3.87
	40	36	46.37	3.50	45.33	3.61	44.04	3.73	43.32	3.79	42.74	3.84	41.19	3.96
	45	41	49.57	3.60	48.46	3.72	47.07	3.84	46.30	3.91	45.69	3.96	44.03	4.08
	47	43	50.85	3.64	49.71	3.76	48.29	3.88	47.50	3.95	46.87	4.00	45.16	4.12
42	50	46	50.99	3.62	49.97	3.73	48.73	3.84	48.02	3.89	47.46	3.94	45.86	4.05
	55	51	51.24	3.58	50.39	3.67	49.46	3.76	48.90	3.80	48.44	3.83	47.01	3.92
	60	56	51.49	3.54	50.82	3.61	50.20	3.68	49.77	3.71	49.42	3.73	48.16	3.79
	63	59	51.64	3.52	51.08	3.58	50.64	3.63	50.29	3.65	50.01	3.66	48.85	3.71
	68	64	51.79	3.50	51.34	3.54	51.08	3.58	50.82	3.59	50.61	3.60	49.55	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 97: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	23.56	2.61	23.03	2.69	22.37	2.78	22.01	2.83	21.71	2.86	20.92	2.95
	-4	-4.4	25.94	2.77	25.36	2.87	24.64	2.96	24.23	3.01	23.91	3.05	23.04	3.14
	0	-0.4	27.11	2.87	26.51	2.96	25.75	3.06	25.33	3.11	24.99	3.15	24.08	3.25
	5	4.5	28.58	2.99	27.94	3.08	27.14	3.18	26.70	3.24	26.34	3.28	25.38	3.38
	10	9	30.59	3.05	29.91	3.15	29.05	3.25	28.58	3.31	28.20	3.36	27.17	3.46
	17	15	33.28	3.10	32.53	3.20	31.60	3.31	31.09	3.36	30.67	3.41	29.56	3.51
	20	19	35.86	3.19	35.06	3.29	34.06	3.40	33.50	3.45	33.06	3.50	31.85	3.61
	25	23	38.45	3.27	37.59	3.38	36.52	3.49	35.92	3.55	35.44	3.59	34.15	3.70
	30	28	41.68	3.37	40.75	3.49	39.59	3.60	38.94	3.66	38.42	3.71	37.02	3.82
	35	32	44.27	3.46	43.28	3.57	42.04	3.69	41.36	3.75	40.81	3.80	39.32	3.91
	40	36	46.85	3.54	45.81	3.66	44.50	3.78	43.77	3.84	43.19	3.89	41.62	4.01
	45	41	50.09	3.65	48.97	3.77	47.57	3.89	46.79	3.95	46.17	4.01	44.49	4.13
	47	43	51.38	3.69	50.23	3.81	48.80	3.93	48.00	4.00	47.36	4.05	45.64	4.18
	50	46	51.53	3.67	50.49	3.77	49.24	3.88	48.53	3.94	47.96	3.99	46.34	4.10
	55	51	51.78	3.63	50.92	3.72	49.98	3.80	49.41	3.85	48.95	3.88	47.50	3.97
43	60	56	52.03	3.59	51.36	3.66	50.73	3.72	50.29	3.75	49.94	3.77	48.67	3.83
	63	59	52.19	3.56	51.62	3.62	51.17	3.68	50.82	3.69	50.54	3.71	49.37	3.75
	68	64	52.34	3.54	51.88	3.59	51.62	3.63	51.36	3.64	51.14	3.65	50.07	3.68
	-13	-13.4	23.92	2.65	23.39	2.74	22.72	2.83	22.35	2.87	22.05	2.91	21.25	3.00
	-4	-4.4	26.35	2.82	25.76	2.92	25.02	3.01	24.61	3.06	24.29	3.10	23.40	3.20
	0	-0.4	27.54	2.92	26.92	3.01	26.15	3.11	25.72	3.16	25.38	3.21	24.46	3.30
	5	4.5	29.02	3.04	28.38	3.14	27.56	3.24	27.11	3.29	26.75	3.34	25.78	3.44
	10	9	31.07	3.11	30.37	3.21	29.51	3.31	29.02	3.37	28.64	3.41	27.60	3.52
	17	15	33.80	3.16	33.04	3.26	32.10	3.36	31.57	3.42	31.15	3.47	30.02	3.57
	20	19	36.42	3.24	35.61	3.35	34.59	3.46	34.03	3.51	33.57	3.56	32.35	3.67
	25	23	39.05	3.33	38.18	3.44	37.09	3.55	36.48	3.61	35.99	3.66	34.69	3.77
	30	28	42.33	3.43	41.39	3.55	40.20	3.66	39.55	3.72	39.02	3.77	37.60	3.89
	35	32	44.96	3.52	43.95	3.63	42.70	3.75	42.00	3.82	41.44	3.87	39.94	3.98
	40	36	47.59	3.60	46.52	3.72	45.19	3.84	44.46	3.91	43.86	3.96	42.27	4.08
	45	41	50.87	3.71	49.73	3.83	48.31	3.96	47.52	4.02	46.89	4.08	45.19	4.20
	47	43	52.18	3.75	51.02	3.88	49.56	4.00	48.75	4.07	48.10	4.13	46.35	4.25
44	50	46	52.34	3.73	51.28	3.84	50.01	3.95	49.29	4.01	48.71	4.06	47.06	4.17
	55	51	52.59	3.69	51.72	3.78	50.77	3.87	50.18	3.91	49.72	3.95	48.25	4.03
	60	56	52.85	3.65	52.16	3.72	51.52	3.79	51.08	3.82	50.72	3.84	49.43	3.90
	63	59	53.00	3.63	52.42	3.69	51.97	3.74	51.61	3.76	51.33	3.77	50.14	3.82
	68	64	53.15	3.60	52.69	3.65	52.43	3.69	52.16	3.70	51.94	3.71	50.86	3.74
	-13	-13.4	24.29	2.70	23.75	2.79	23.07	2.88	22.69	2.93	22.39	2.97	21.58	3.06
	-4	-4.4	26.75	2.88	26.15	2.97	25.41	3.07	24.99	3.12	24.66	3.16	23.76	3.26
	0	-0.4	27.96	2.98	27.34	3.07	26.55	3.17	26.12	3.23	25.77	3.27	24.84	3.37
	5	4.5	29.47	3.10	28.81	3.20	27.99	3.30	27.53	3.36	27.17	3.40	26.18	3.51
	10	9	31.55	3.17	30.84	3.27	29.96	3.38	29.47	3.43	29.08	3.48	28.02	3.59
	17	15	34.31	3.22	33.55	3.32	32.59	3.43	32.06	3.49	31.63	3.54	30.48	3.64
	20	19	36.98	3.30	36.16	3.41	35.12	3.52	34.55	3.58	34.09	3.63	32.85	3.74
	25	23	39.65	3.39	38.76	3.50	37.66	3.62	37.04	3.68	36.55	3.73	35.22	3.84
	30	28	42.98	3.50	42.02	3.62	40.82	3.73	40.16	3.80	39.62	3.85	38.18	3.96
	35	32	45.65	3.59	44.63	3.71	43.36	3.82	42.65	3.89	42.08	3.94	40.55	4.06
	40	36	48.32	3.67	47.24	3.80	45.89	3.92	45.14	3.98	44.54	4.04	42.92	4.16
	45	41	51.65	3.78	50.50	3.91	49.06	4.03	48.25	4.10	47.61	4.16	45.88	4.28
	47	43	52.99	3.83	51.80	3.95	50.32	4.08	49.50	4.15	48.84	4.21	47.07	4.33
	50	46	53.14	3.80	52.07	3.92	50.78	4.03	50.05	4.09	49.46	4.14	47.79	4.25
	55	51	53.40	3.76	52.52	3.86	51.55	3.95	50.95	3.99	50.48	4.03	48.99	4.11
	60	56	53.66	3.72	52.96	3.79	52.31	3.86	51.86	3.89	51.51	3.92	50.19	3.98
	63	59	53.82	3.70	53.23	3.76	52.77	3.81	52.41	3.83	52.12	3.85	50.91	3.89
	68	64	53.97	3.67	53.50	3.72	53.23	3.76	52.96	3.77	52.74	3.78	51.64	3.81

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 98: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	24.66	2.76	24.11	2.85	23.42	2.94	23.04	2.99	22.73	3.03	21.91	3.12
	-4	-4.4	27.16	2.93	26.55	3.03	25.79	3.13	25.37	3.18	25.03	3.22	24.12	3.32
	0	-0.4	28.38	3.03	27.75	3.13	26.96	3.23	26.52	3.29	26.16	3.33	25.21	3.43
	5	4.5	29.92	3.16	29.25	3.26	28.41	3.37	27.95	3.42	27.58	3.47	26.57	3.57
	10	9	32.02	3.23	31.31	3.33	30.41	3.44	29.92	3.50	29.52	3.55	28.45	3.66
	17	15	34.83	3.28	34.06	3.39	33.08	3.50	32.54	3.56	32.11	3.60	30.94	3.71
	20	19	37.54	3.37	36.70	3.48	35.66	3.59	35.07	3.65	34.61	3.70	33.35	3.81
	25	23	40.25	3.46	39.35	3.57	38.23	3.69	37.60	3.75	37.10	3.80	35.75	3.91
	30	28	43.64	3.57	42.66	3.69	41.44	3.80	40.76	3.87	40.22	3.92	38.76	4.04
	35	32	46.34	3.66	45.31	3.78	44.01	3.90	43.29	3.97	42.72	4.02	41.16	4.14
	40	36	49.05	3.75	47.95	3.87	46.58	3.99	45.82	4.06	45.21	4.12	43.57	4.24
	45	41	52.44	3.86	51.26	3.98	49.80	4.11	48.99	4.18	48.33	4.24	46.58	4.37
	47	43	53.79	3.90	52.59	4.03	51.08	4.16	50.25	4.23	49.58	4.29	47.78	4.42
	50	46	53.95	3.88	52.86	3.99	51.55	4.11	50.80	4.17	50.21	4.22	48.51	4.33
	55	51	54.21	3.83	53.31	3.93	52.33	4.02	51.73	4.07	51.25	4.11	49.73	4.19
	60	56	54.47	3.79	53.76	3.87	53.10	3.94	52.65	3.97	52.29	3.99	50.95	4.05
46	63	59	54.63	3.77	54.04	3.83	53.57	3.89	53.20	3.91	52.91	3.92	51.68	3.97
	68	64	54.79	3.74	54.31	3.79	54.04	3.84	53.76	3.85	53.54	3.86	52.42	3.89
	-13	-13.4	25.03	2.80	24.47	2.89	23.77	2.99	23.38	3.04	23.07	3.08	22.23	3.17
	-4	-4.4	27.56	2.98	26.95	3.08	26.18	3.18	25.75	3.23	25.41	3.28	24.48	3.38
	0	-0.4	28.81	3.08	28.16	3.19	27.36	3.29	26.91	3.34	26.55	3.39	25.59	3.49
	5	4.5	30.36	3.21	29.69	3.32	28.84	3.42	28.37	3.48	27.99	3.53	26.97	3.63
	10	9	32.50	3.28	31.78	3.39	30.87	3.50	30.36	3.56	29.96	3.61	28.87	3.72
	17	15	35.35	3.33	34.56	3.44	33.58	3.55	33.03	3.62	32.59	3.66	31.40	3.77
	20	19	38.10	3.42	37.25	3.54	36.19	3.65	35.60	3.71	35.12	3.76	33.85	3.88
	25	23	40.85	3.51	39.94	3.63	38.80	3.75	38.16	3.81	37.66	3.86	36.29	3.98
	30	28	44.29	3.63	43.30	3.75	42.06	3.87	41.37	3.93	40.82	3.99	39.34	4.11
	35	32	47.03	3.72	45.98	3.84	44.67	3.96	43.94	4.03	43.36	4.09	41.78	4.21
	40	36	49.78	3.81	48.67	3.93	47.28	4.06	46.51	4.13	45.89	4.18	44.22	4.31
	45	41	53.22	3.92	52.03	4.05	50.54	4.18	49.72	4.25	49.06	4.31	47.27	4.44
	47	43	54.59	3.97	53.37	4.10	51.85	4.23	51.00	4.30	50.32	4.36	48.49	4.49
	50	46	54.75	3.94	53.65	4.06	52.32	4.18	51.56	4.24	50.96	4.29	49.23	4.40
47	55	51	55.02	3.90	54.11	3.99	53.11	4.09	52.50	4.14	52.01	4.17	50.47	4.26
	60	56	55.29	3.86	54.57	3.93	53.90	4.00	53.43	4.03	53.07	4.06	51.71	4.12
	63	59	55.45	3.83	54.84	3.89	54.37	3.95	54.00	3.97	53.70	3.99	52.45	4.04
	68	64	55.61	3.81	55.12	3.86	54.85	3.90	54.56	3.91	54.34	3.92	53.20	3.95
	-13	-13.4	25.40	2.85	24.83	2.95	24.12	3.04	23.73	3.09	23.41	3.14	22.56	3.23
	-4	-4.4	27.97	3.04	27.34	3.14	26.56	3.24	26.13	3.29	25.78	3.34	24.84	3.44
	0	-0.4	29.23	3.14	28.58	3.24	27.76	3.35	27.31	3.41	26.95	3.45	25.97	3.56
	5	4.5	30.81	3.27	30.12	3.38	29.26	3.49	28.78	3.55	28.40	3.59	27.37	3.70
	10	9	32.98	3.34	32.24	3.45	31.32	3.56	30.81	3.63	30.40	3.67	29.30	3.78
	17	15	35.87	3.40	35.07	3.51	34.07	3.62	33.51	3.68	33.07	3.73	31.87	3.84
	20	19	38.66	3.49	37.80	3.60	36.72	3.72	36.12	3.78	35.64	3.83	34.34	3.95
	25	23	41.45	3.58	40.53	3.70	39.37	3.82	38.72	3.88	38.21	3.93	36.82	4.05
	30	28	44.94	3.69	43.93	3.82	42.68	3.94	41.98	4.01	41.42	4.06	39.92	4.18
	35	32	47.73	3.79	46.66	3.91	45.33	4.04	44.59	4.11	43.99	4.16	42.39	4.29
	40	36	50.51	3.88	49.39	4.01	47.97	4.13	47.19	4.21	46.56	4.26	44.87	4.39
	45	41	54.00	3.99	52.79	4.12	51.29	4.26	50.45	4.33	49.78	4.39	47.97	4.52
	47	43	55.39	4.04	54.16	4.17	52.61	4.31	51.75	4.38	51.06	4.44	49.21	4.57
	50	46	55.56	4.01	54.44	4.13	53.09	4.25	52.32	4.32	51.70	4.37	49.96	4.49
	55	51	55.83	3.97	54.90	4.07	53.89	4.17	53.27	4.21	52.78	4.25	51.21	4.34
	60	56	56.10	3.93	55.37	4.00	54.69	4.08	54.22	4.11	53.85	4.13	52.47	4.20
	63	59	56.26	3.90	55.65	3.97	55.17	4.03	54.79	4.05	54.49	4.06	53.22	4.11
	68	64	56.43	3.88	55.93	3.93	55.65	3.97	55.37	3.98	55.14	3.99	53.99	4.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 99: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
49	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10
	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
50	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10
	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 100: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
51	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10
52	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10
53	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 101: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
55	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10
	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
56	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10
	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 102: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
57	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
58	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10
	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
59	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10
	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 103: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
61	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10
	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
62	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10
	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 104: KUMXA481A Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
63	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
64	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10
	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
65	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10
	-13	-13.4	25.76	2.90	25.19	3.00	24.47	3.10	24.07	3.15	23.75	3.19	22.89	3.29
	-4	-4.4	28.37	3.09	27.74	3.20	26.95	3.30	26.51	3.35	26.15	3.40	25.20	3.50
	0	-0.4	29.65	3.20	28.99	3.30	28.16	3.41	27.70	3.47	27.34	3.52	26.34	3.62
	5	4.5	31.26	3.33	30.56	3.44	29.69	3.55	29.20	3.61	28.81	3.66	27.76	3.77
	10	9	33.46	3.40	32.71	3.52	31.78	3.63	31.26	3.69	30.84	3.74	29.72	3.85
	17	15	36.39	3.46	35.58	3.57	34.56	3.69	34.00	3.75	33.55	3.80	32.33	3.92
	20	19	39.22	3.55	38.35	3.67	37.25	3.79	36.64	3.85	36.16	3.90	34.84	4.02
	25	23	42.05	3.64	41.11	3.77	39.94	3.89	39.29	3.95	38.76	4.01	37.35	4.13
	30	28	45.59	3.76	44.57	3.89	43.30	4.01	42.59	4.08	42.02	4.13	40.50	4.26
	35	32	48.42	3.86	47.34	3.98	45.98	4.11	45.23	4.18	44.63	4.24	43.01	4.37
	40	36	51.25	3.95	50.10	4.08	48.67	4.21	47.88	4.28	47.24	4.34	45.52	4.47
	45	41	54.78	4.07	53.56	4.20	52.03	4.33	51.18	4.41	50.50	4.47	48.66	4.60
	47	43	56.20	4.11	54.94	4.25	53.37	4.38	52.50	4.46	51.80	4.52	49.92	4.66
	50	46	56.36	4.09	55.23	4.21	53.86	4.33	53.08	4.40	52.45	4.45	50.68	4.57
	55	51	56.64	4.04	55.70	4.14	54.67	4.24	54.04	4.29	53.54	4.33	51.96	4.42
	60	56	56.91	4.00	56.17	4.08	55.48	4.15	55.01	4.18	54.63	4.21	53.23	4.27
	63	59	57.08	3.97	56.46	4.04	55.97	4.10	55.59	4.12	55.28	4.14	53.99	4.19
	68	64	57.24	3.95	56.74	4.00	56.46	4.05	56.17	4.06	55.94	4.07	54.77	4.10

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 105: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	9.94	0.88	9.71	0.91	9.44	0.94	9.28	0.95	9.16	0.96	8.82	0.99
	-4	-4.4	11.07	0.93	10.83	0.96	10.51	1.00	10.34	1.01	10.20	1.03	9.84	1.06
	0	-0.4	11.63	0.96	11.37	1.00	11.04	1.03	10.86	1.05	10.72	1.06	10.33	1.10
	5	4.5	12.32	1.00	12.05	1.04	11.70	1.07	11.51	1.09	11.36	1.11	10.95	1.14
	10	9	13.28	1.07	12.99	1.10	12.62	1.14	12.41	1.16	12.25	1.17	11.80	1.21
	17	15	14.56	1.11	14.24	1.15	13.83	1.19	13.61	1.21	13.43	1.22	12.94	1.26
	20	19	15.65	1.13	15.30	1.17	14.86	1.20	14.62	1.22	14.43	1.24	13.90	1.28
	25	23	16.73	1.14	16.36	1.18	15.89	1.22	15.63	1.24	15.42	1.26	14.87	1.30
	30	28	18.09	1.17	17.68	1.20	17.18	1.24	16.90	1.26	16.68	1.28	16.07	1.32
	35	32	19.18	1.18	18.75	1.22	18.21	1.26	17.91	1.28	17.68	1.30	17.03	1.34
	40	36	20.26	1.20	19.81	1.24	19.24	1.28	18.93	1.30	18.68	1.32	18.00	1.36
	45	41	21.62	1.22	21.14	1.26	20.53	1.30	20.20	1.32	19.93	1.34	19.20	1.38
	47	43	22.16	1.23	21.66	1.27	21.04	1.31	20.70	1.33	20.42	1.35	19.68	1.39
	50	46	22.22	1.22	21.77	1.26	21.24	1.29	20.93	1.31	20.68	1.33	19.98	1.36
	55	51	22.33	1.21	21.96	1.24	21.56	1.27	21.31	1.28	21.11	1.29	20.49	1.32
19	60	56	22.44	1.20	22.15	1.22	21.88	1.24	21.69	1.25	21.54	1.26	20.99	1.28
	63	59	22.51	1.19	22.26	1.21	22.07	1.23	21.92	1.23	21.80	1.24	21.29	1.25
	68	64	22.57	1.18	22.37	1.20	22.26	1.21	22.15	1.21	22.06	1.22	21.59	1.23
	-13	-13.4	10.58	0.95	10.35	0.98	10.05	1.01	9.89	1.03	9.75	1.04	9.40	1.07
	-4	-4.4	11.79	1.01	11.53	1.04	11.20	1.08	11.02	1.10	10.87	1.11	10.48	1.14
	0	-0.4	12.39	1.04	12.11	1.08	11.77	1.11	11.57	1.13	11.42	1.15	11.00	1.18
	5	4.5	13.13	1.09	12.83	1.12	12.47	1.16	12.26	1.18	12.10	1.19	11.66	1.23
	10	9	14.15	1.15	13.84	1.19	13.44	1.23	13.22	1.25	13.04	1.27	12.57	1.30
	17	15	15.52	1.20	15.16	1.24	14.73	1.28	14.49	1.30	14.30	1.32	13.78	1.36
	20	19	16.67	1.22	16.30	1.26	15.83	1.30	15.57	1.32	15.37	1.34	14.81	1.38
	25	23	17.82	1.23	17.43	1.27	16.93	1.32	16.65	1.34	16.43	1.36	15.83	1.40
	30	28	19.27	1.26	18.84	1.30	18.30	1.34	18.00	1.36	17.76	1.38	17.12	1.42
	35	32	20.43	1.28	19.97	1.32	19.40	1.36	19.08	1.39	18.83	1.40	18.14	1.45
	40	36	21.58	1.30	21.10	1.34	20.50	1.38	20.16	1.40	19.89	1.42	19.17	1.46
	45	41	23.03	1.32	22.51	1.36	21.87	1.40	21.52	1.43	21.23	1.45	20.46	1.49
	47	43	23.60	1.32	23.08	1.37	22.42	1.41	22.05	1.44	21.76	1.46	20.97	1.50
20	50	46	23.67	1.32	23.19	1.36	22.62	1.40	22.29	1.42	22.03	1.44	21.29	1.47
	55	51	23.79	1.30	23.39	1.33	22.96	1.37	22.70	1.38	22.49	1.40	21.82	1.43
	60	56	23.90	1.29	23.59	1.31	23.30	1.34	23.10	1.35	22.94	1.35	22.36	1.38
	63	59	23.97	1.28	23.71	1.30	23.51	1.32	23.35	1.33	23.22	1.33	22.68	1.35
	68	64	24.04	1.27	23.83	1.29	23.71	1.30	23.59	1.31	23.49	1.31	23.00	1.32
	-13	-13.4	11.23	1.02	10.98	1.05	10.67	1.08	10.49	1.10	10.36	1.11	9.98	1.14
	-4	-4.4	12.52	1.08	12.23	1.11	11.89	1.15	11.69	1.17	11.54	1.18	11.12	1.22
	0	-0.4	13.15	1.11	12.85	1.15	12.48	1.19	12.28	1.21	12.12	1.23	11.68	1.26
	5	4.5	13.93	1.16	13.62	1.20	13.23	1.24	13.01	1.26	12.84	1.28	12.37	1.31
	10	9	15.02	1.23	14.68	1.27	14.26	1.31	14.03	1.34	13.85	1.35	13.34	1.39
	17	15	16.46	1.29	16.10	1.33	15.64	1.37	15.38	1.39	15.17	1.41	14.62	1.45
	20	19	17.69	1.30	17.29	1.34	16.80	1.39	16.52	1.41	16.31	1.43	15.71	1.47
	25	23	18.91	1.32	18.49	1.37	17.96	1.41	17.67	1.44	17.44	1.45	16.80	1.50
	30	28	20.45	1.35	20.00	1.39	19.42	1.44	19.10	1.46	18.85	1.48	18.17	1.52
	35	32	21.68	1.36	21.19	1.41	20.59	1.45	20.25	1.48	19.98	1.50	19.26	1.55
	40	36	22.90	1.38	22.39	1.43	21.75	1.48	21.40	1.50	21.11	1.52	20.35	1.56
	45	41	24.44	1.41	23.89	1.46	23.21	1.50	22.83	1.53	22.53	1.55	21.71	1.59
	47	43	25.05	1.42	24.49	1.46	23.79	1.51	23.40	1.54	23.09	1.56	22.25	1.60
	50	46	25.12	1.41	24.61	1.45	24.01	1.49	23.66	1.52	23.38	1.54	22.59	1.58
	55	51	25.24	1.39	24.83	1.43	24.37	1.46	24.09	1.48	23.86	1.49	23.16	1.53
	60	56	25.37	1.38	25.04	1.41	24.73	1.43	24.52	1.44	24.35	1.45	23.73	1.47
	63	59	25.44	1.37	25.16	1.39	24.95	1.41	24.78	1.42	24.64	1.42	24.07	1.44
	68	64	25.51	1.36	25.29	1.38	25.16	1.40	25.04	1.40	24.93	1.40	24.41	1.41

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 106: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	11.88	1.08	11.61	1.12	11.28	1.15	11.10	1.17	10.95	1.19	10.55	1.23
	-4	-4.4	13.24	1.15	12.94	1.19	12.57	1.23	12.37	1.25	12.20	1.27	11.76	1.31
	0	-0.4	13.90	1.19	13.59	1.23	13.21	1.27	12.99	1.29	12.82	1.31	12.35	1.35
	5	4.5	14.74	1.24	14.41	1.28	13.99	1.32	13.77	1.34	13.58	1.36	13.09	1.40
	10	9	15.88	1.32	15.53	1.36	15.09	1.40	14.84	1.43	14.64	1.45	14.11	1.49
	17	15	17.41	1.37	17.02	1.42	16.53	1.46	16.27	1.48	16.05	1.50	15.47	1.55
	20	19	18.71	1.39	18.29	1.44	17.77	1.48	17.48	1.51	17.24	1.53	16.62	1.58
	25	23	20.01	1.41	19.56	1.46	19.00	1.51	18.69	1.53	18.44	1.55	17.77	1.60
	30	28	21.63	1.44	21.15	1.49	20.54	1.53	20.21	1.56	19.94	1.58	19.21	1.63
	35	32	22.93	1.46	22.42	1.50	21.78	1.55	21.42	1.58	21.13	1.60	20.37	1.65
	40	36	24.23	1.48	23.68	1.53	23.00	1.57	22.63	1.60	22.33	1.62	21.52	1.67
	45	41	25.85	1.51	25.27	1.55	24.55	1.60	24.15	1.63	23.83	1.65	22.96	1.71
	47	43	26.49	1.52	25.90	1.57	25.16	1.61	24.75	1.64	24.42	1.66	23.53	1.72
	50	46	26.57	1.51	26.03	1.55	25.39	1.60	25.02	1.62	24.73	1.64	23.89	1.68
	55	51	26.70	1.49	26.26	1.53	25.77	1.56	25.48	1.58	25.24	1.59	24.49	1.63
22	60	56	26.83	1.47	26.48	1.50	26.16	1.53	25.93	1.54	25.75	1.55	25.09	1.58
	63	59	26.91	1.46	26.61	1.49	26.38	1.51	26.20	1.52	26.06	1.52	25.45	1.54
	68	64	26.99	1.45	26.75	1.47	26.62	1.49	26.48	1.49	26.37	1.50	25.82	1.51
	-13	-13.4	12.53	1.15	12.25	1.19	11.89	1.23	11.70	1.25	11.55	1.27	11.13	1.30
	-4	-4.4	13.96	1.23	13.65	1.27	13.26	1.31	13.04	1.33	12.87	1.35	12.40	1.39
	0	-0.4	14.66	1.27	14.33	1.31	13.92	1.35	13.70	1.37	13.52	1.39	13.03	1.43
	5	4.5	15.54	1.32	15.19	1.36	14.76	1.40	14.52	1.43	14.32	1.45	13.80	1.49
	10	9	16.75	1.40	16.37	1.45	15.91	1.49	15.65	1.52	15.44	1.54	14.88	1.58
	17	15	18.36	1.46	17.95	1.50	17.44	1.55	17.15	1.58	16.93	1.60	16.31	1.65
	20	19	19.73	1.48	19.29	1.53	18.74	1.58	18.43	1.61	18.19	1.63	17.53	1.68
	25	23	21.10	1.50	20.63	1.55	20.04	1.60	19.71	1.63	19.45	1.65	18.74	1.70
	30	28	22.81	1.53	22.30	1.58	21.66	1.63	21.31	1.66	21.02	1.68	20.26	1.73
	35	32	24.18	1.55	23.64	1.60	22.96	1.66	22.59	1.68	22.29	1.71	21.48	1.76
	40	36	25.55	1.57	24.98	1.62	24.26	1.68	23.87	1.71	23.55	1.73	22.69	1.78
	45	41	27.26	1.60	26.65	1.65	25.89	1.71	25.46	1.74	25.12	1.76	24.21	1.81
	47	43	27.94	1.61	27.31	1.66	26.53	1.72	26.10	1.75	25.75	1.77	24.82	1.82
23	50	46	28.02	1.60	27.46	1.65	26.78	1.70	26.39	1.72	26.08	1.75	25.20	1.79
	55	51	28.16	1.59	27.69	1.62	27.18	1.66	26.87	1.68	26.62	1.70	25.83	1.73
	60	56	28.29	1.57	27.93	1.60	27.58	1.63	27.35	1.64	27.16	1.65	26.46	1.67
	63	59	28.38	1.56	28.07	1.58	27.82	1.61	27.63	1.61	27.48	1.62	26.84	1.64
	68	64	28.46	1.55	28.21	1.57	28.07	1.59	27.92	1.59	27.81	1.59	27.23	1.61
	-13	-13.4	13.17	1.22	12.88	1.26	12.51	1.30	12.31	1.32	12.15	1.34	11.70	1.38
	-4	-4.4	14.68	1.30	14.35	1.34	13.94	1.38	13.72	1.41	13.53	1.43	13.04	1.47
	0	-0.4	15.42	1.34	15.08	1.39	14.65	1.43	14.41	1.46	14.21	1.48	13.70	1.52
	5	4.5	16.34	1.40	15.98	1.44	15.52	1.49	15.27	1.52	15.06	1.54	14.52	1.58
	10	9	17.61	1.48	17.22	1.53	16.73	1.58	16.46	1.61	16.24	1.63	15.65	1.68
	17	15	19.31	1.55	18.88	1.60	18.34	1.65	18.04	1.68	17.80	1.70	17.15	1.75
	20	19	20.75	1.57	20.29	1.62	19.71	1.68	19.39	1.70	19.13	1.73	18.43	1.78
	25	23	22.19	1.59	21.70	1.65	21.07	1.70	20.73	1.73	20.46	1.75	19.71	1.80
	30	28	23.99	1.62	23.45	1.68	22.78	1.73	22.41	1.76	22.11	1.78	21.31	1.83
	35	32	25.43	1.65	24.86	1.70	24.15	1.75	23.76	1.78	23.44	1.81	22.59	1.86
	40	36	26.86	1.67	26.27	1.72	25.52	1.78	25.10	1.81	24.77	1.83	23.87	1.89
	45	41	28.66	1.70	28.02	1.75	27.22	1.81	26.78	1.84	26.42	1.86	25.46	1.92
	47	43	29.38	1.71	28.73	1.77	27.91	1.82	27.45	1.85	27.09	1.88	26.10	1.94
	50	46	29.47	1.70	28.88	1.75	28.16	1.80	27.75	1.82	27.43	1.85	26.50	1.90
	55	51	29.61	1.68	29.12	1.72	28.58	1.76	28.26	1.78	27.99	1.80	27.17	1.83
	60	56	29.76	1.66	29.37	1.69	29.01	1.73	28.76	1.74	28.56	1.75	27.83	1.78
	63	59	29.84	1.65	29.52	1.68	29.26	1.70	29.06	1.71	28.90	1.72	28.23	1.74
	68	64	29.93	1.64	29.67	1.66	29.52	1.68	29.37	1.68	29.25	1.69	28.64	1.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 107: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	13.82	1.30	13.51	1.34	13.13	1.38	12.91	1.40	12.74	1.42	12.28	1.47
	-4	-4.4	15.40	1.38	15.06	1.42	14.63	1.47	14.39	1.50	14.20	1.52	13.68	1.56
	0	-0.4	16.18	1.42	15.82	1.47	15.37	1.52	15.12	1.55	14.92	1.57	14.37	1.61
	5	4.5	17.15	1.48	16.76	1.54	16.28	1.58	16.02	1.61	15.81	1.63	15.23	1.68
	10	9	18.48	1.58	18.07	1.63	17.55	1.68	17.27	1.71	17.04	1.73	16.42	1.79
	17	15	20.26	1.64	19.81	1.70	19.24	1.75	18.93	1.78	18.67	1.80	18.00	1.86
	20	19	21.77	1.67	21.29	1.72	20.68	1.78	20.34	1.81	20.07	1.83	19.34	1.89
	25	23	23.28	1.69	22.76	1.75	22.11	1.80	21.75	1.83	21.46	1.86	20.68	1.92
	30	28	25.17	1.72	24.61	1.78	23.90	1.84	23.51	1.87	23.20	1.89	22.35	1.95
	35	32	26.68	1.75	26.08	1.81	25.34	1.86	24.92	1.89	24.59	1.92	23.70	1.98
	40	36	28.19	1.77	27.56	1.83	26.77	1.89	26.33	1.92	25.98	1.94	25.04	2.01
	45	41	30.07	1.80	29.40	1.86	28.56	1.92	28.10	1.96	27.72	1.98	26.71	2.04
	47	43	30.83	1.82	30.14	1.87	29.28	1.93	28.80	1.97	28.42	2.00	27.38	2.05
	50	46	30.92	1.80	30.30	1.86	29.55	1.91	29.12	1.94	28.77	1.96	27.80	2.02
	55	51	31.07	1.79	30.55	1.83	29.99	1.87	29.65	1.89	29.37	1.91	28.50	1.95
25	60	56	31.22	1.77	30.81	1.80	30.44	1.83	30.18	1.84	29.97	1.86	29.20	1.88
	63	59	31.31	1.75	30.97	1.78	30.70	1.81	30.49	1.82	30.32	1.83	29.62	1.85
	68	64	31.40	1.74	31.13	1.77	30.97	1.79	30.81	1.79	30.69	1.80	30.04	1.81
	-13	-13.4	14.47	1.37	14.15	1.42	13.74	1.46	13.52	1.49	13.34	1.51	12.85	1.55
	-4	-4.4	16.12	1.46	15.76	1.51	15.32	1.56	15.06	1.59	14.86	1.61	14.32	1.65
	0	-0.4	16.94	1.51	16.56	1.56	16.08	1.61	15.82	1.64	15.61	1.66	15.05	1.71
	5	4.5	17.95	1.57	17.55	1.62	17.05	1.67	16.77	1.70	16.55	1.73	15.94	1.78
	10	9	19.35	1.67	18.92	1.73	18.38	1.78	18.08	1.81	17.83	1.84	17.19	1.89
	17	15	21.21	1.74	20.73	1.79	20.14	1.85	19.82	1.88	19.55	1.91	18.84	1.97
	20	19	22.79	1.76	22.28	1.82	21.64	1.88	21.29	1.91	21.01	1.94	20.25	1.99
	25	23	24.37	1.79	23.83	1.85	23.15	1.91	22.77	1.94	22.47	1.97	21.65	2.03
	30	28	26.35	1.82	25.76	1.88	25.02	1.94	24.62	1.97	24.29	2.00	23.41	2.06
	35	32	27.93	1.85	27.30	1.91	26.53	1.97	26.09	2.00	25.74	2.03	24.81	2.09
	40	36	29.51	1.88	28.85	1.94	28.03	2.00	27.57	2.03	27.20	2.06	26.21	2.12
	45	41	31.49	1.91	30.78	1.97	29.90	2.03	29.41	2.07	29.02	2.09	27.97	2.16
	47	43	32.27	1.92	31.55	1.99	30.65	2.05	30.15	2.08	29.75	2.11	28.67	2.18
26	50	46	32.37	1.91	31.72	1.97	30.93	2.02	30.48	2.05	30.12	2.07	29.11	2.13
	55	51	32.53	1.89	31.99	1.93	31.40	1.98	31.04	2.00	30.75	2.02	29.84	2.06
	60	56	32.68	1.87	32.26	1.90	31.86	1.94	31.59	1.95	31.37	1.97	30.57	2.00
	63	59	32.78	1.86	32.42	1.88	32.14	1.91	31.92	1.92	31.75	1.93	31.01	1.96
	68	64	32.87	1.84	32.59	1.87	32.42	1.89	32.26	1.89	32.12	1.90	31.45	1.91
	-13	-13.4	15.12	1.44	14.78	1.49	14.36	1.54	14.12	1.57	13.94	1.59	13.43	1.63
	-4	-4.4	16.84	1.54	16.47	1.59	16.00	1.64	15.74	1.67	15.53	1.69	14.96	1.74
	0	-0.4	17.69	1.59	17.30	1.64	16.81	1.70	16.53	1.73	16.31	1.75	15.72	1.80
	5	4.5	18.75	1.65	18.33	1.71	17.81	1.77	17.52	1.79	17.29	1.82	16.66	1.87
	10	9	20.22	1.75	19.77	1.81	19.20	1.87	18.88	1.90	18.64	1.93	17.96	1.99
	17	15	22.16	1.83	21.67	1.89	21.05	1.95	20.70	1.98	20.43	2.01	19.69	2.07
	20	19	23.81	1.86	23.28	1.92	22.61	1.98	22.25	2.01	21.95	2.04	21.15	2.10
	25	23	25.46	1.89	24.90	1.95	24.18	2.01	23.79	2.04	23.47	2.07	22.62	2.13
	30	28	27.53	1.92	26.91	1.98	26.14	2.05	25.72	2.08	25.37	2.11	24.45	2.17
	35	32	29.18	1.95	28.53	2.01	27.71	2.08	27.26	2.11	26.90	2.14	25.92	2.20
	40	36	30.83	1.98	30.14	2.04	29.28	2.10	28.81	2.14	28.42	2.17	27.39	2.24
	45	41	32.90	2.01	32.16	2.08	31.24	2.14	30.73	2.18	30.32	2.20	29.22	2.27
	47	43	33.72	2.02	32.97	2.09	32.02	2.15	31.50	2.19	31.08	2.22	29.95	2.29
	50	46	33.82	2.01	33.14	2.07	32.32	2.13	31.85	2.16	31.47	2.18	30.41	2.25
	55	51	33.98	1.99	33.42	2.04	32.80	2.09	32.43	2.11	32.12	2.13	31.17	2.17
	60	56	34.15	1.97	33.70	2.00	33.29	2.04	33.00	2.06	32.78	2.07	31.94	2.10
	63	59	34.25	1.95	33.87	1.98	33.58	2.01	33.35	2.02	33.17	2.03	32.40	2.06
	68	64	34.35	1.94	34.04	1.97	33.88	1.99	33.70	1.99	33.56	2.00	32.86	2.01

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 108: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	15.77	1.53	15.41	1.58	14.97	1.63	14.73	1.65	14.53	1.68	14.00	1.73
	-4	-4.4	17.57	1.62	17.18	1.68	16.68	1.73	16.41	1.77	16.20	1.79	15.61	1.84
	0	-0.4	18.46	1.68	18.04	1.74	17.52	1.79	17.24	1.82	17.01	1.85	16.39	1.90
	5	4.5	19.56	1.75	19.12	1.81	18.57	1.86	18.27	1.89	18.03	1.92	17.37	1.98
	10	9	21.08	1.86	20.61	1.92	20.02	1.98	19.70	2.01	19.43	2.04	18.73	2.10
	17	15	23.11	1.93	22.59	2.00	21.95	2.06	21.59	2.10	21.30	2.13	20.53	2.19
	20	19	24.83	1.96	24.28	2.03	23.58	2.09	23.20	2.13	22.89	2.16	22.06	2.22
	25	23	26.55	1.99	25.96	2.06	25.22	2.13	24.81	2.16	24.48	2.19	23.59	2.26
	30	28	28.71	2.03	28.07	2.10	27.26	2.16	26.82	2.20	26.46	2.23	25.50	2.30
	35	32	30.43	2.06	29.75	2.13	28.90	2.19	28.43	2.23	28.05	2.26	27.03	2.33
	40	36	32.15	2.09	31.43	2.15	30.53	2.22	30.04	2.26	29.64	2.29	28.56	2.36
	45	41	34.31	2.12	33.54	2.19	32.58	2.26	32.05	2.30	31.62	2.33	30.47	2.40
	47	43	35.16	2.14	34.38	2.21	33.40	2.28	32.85	2.32	32.41	2.35	31.23	2.42
	50	46	35.27	2.13	34.56	2.19	33.70	2.25	33.21	2.29	32.82	2.31	31.71	2.37
	55	51	35.44	2.10	34.85	2.15	34.21	2.20	33.82	2.23	33.50	2.25	32.51	2.30
28	60	56	35.61	2.08	35.15	2.12	34.72	2.16	34.42	2.17	34.18	2.19	33.31	2.22
	63	59	35.71	2.06	35.33	2.10	35.02	2.13	34.78	2.14	34.59	2.15	33.78	2.18
	68	64	35.82	2.05	35.50	2.08	35.33	2.10	35.15	2.11	35.00	2.11	34.27	2.13
	-13	-13.4	16.41	1.60	16.05	1.65	15.59	1.71	15.33	1.74	15.13	1.76	14.58	1.82
	-4	-4.4	18.29	1.71	17.88	1.76	17.37	1.82	17.09	1.85	16.86	1.87	16.25	1.93
	0	-0.4	19.21	1.77	18.78	1.82	18.25	1.88	17.95	1.91	17.71	1.94	17.07	2.00
	5	4.5	20.36	1.84	19.91	1.89	19.34	1.96	19.02	1.99	18.77	2.02	18.09	2.08
	10	9	21.95	1.95	21.46	2.01	20.84	2.08	20.50	2.11	20.23	2.14	19.50	2.20
	17	15	24.06	2.03	23.52	2.10	22.85	2.17	22.48	2.20	22.18	2.23	21.37	2.30
	20	19	25.85	2.06	25.27	2.13	24.55	2.20	24.15	2.23	23.83	2.26	22.97	2.33
	25	23	27.64	2.09	27.03	2.16	26.26	2.23	25.83	2.27	25.48	2.30	24.56	2.37
	30	28	29.89	2.13	29.22	2.20	28.38	2.27	27.92	2.31	27.55	2.34	26.55	2.41
	35	32	31.68	2.16	30.97	2.23	30.09	2.30	29.60	2.34	29.20	2.37	28.14	2.45
	40	36	33.47	2.19	32.73	2.26	31.79	2.34	31.27	2.38	30.85	2.41	29.73	2.48
	45	41	35.72	2.23	34.92	2.30	33.92	2.38	33.37	2.42	32.92	2.45	31.72	2.52
	47	43	36.61	2.24	35.79	2.32	34.77	2.39	34.20	2.43	33.75	2.46	32.52	2.54
29	50	46	36.72	2.23	35.98	2.30	35.09	2.36	34.58	2.40	34.17	2.42	33.02	2.49
	55	51	36.90	2.21	36.28	2.26	35.61	2.31	35.20	2.34	34.88	2.36	33.85	2.41
	60	56	37.07	2.18	36.59	2.22	36.14	2.26	35.83	2.28	35.59	2.30	34.68	2.33
	63	59	37.18	2.17	36.78	2.20	36.46	2.23	36.21	2.24	36.01	2.25	35.17	2.28
	68	64	37.29	2.16	36.96	2.18	36.78	2.21	36.59	2.21	36.44	2.22	35.68	2.23
	-13	-13.4	17.06	1.69	16.68	1.74	16.20	1.79	15.94	1.83	15.73	1.85	15.16	1.91
	-4	-4.4	19.01	1.79	18.59	1.85	18.06	1.91	17.76	1.94	17.53	1.97	16.89	2.03
	0	-0.4	19.97	1.86	19.52	1.92	18.97	1.97	18.66	2.01	18.41	2.04	17.74	2.10
	5	4.5	21.17	1.93	20.69	1.99	20.10	2.06	19.77	2.10	19.51	2.12	18.80	2.18
	10	9	22.82	2.05	22.30	2.12	21.67	2.19	21.32	2.22	21.03	2.25	20.26	2.32
	17	15	25.01	2.13	24.45	2.20	23.75	2.27	23.36	2.31	23.06	2.34	22.21	2.42
	20	19	26.87	2.17	26.27	2.24	25.52	2.31	25.10	2.35	24.77	2.38	23.87	2.45
	25	23	28.74	2.20	28.10	2.27	27.29	2.34	26.85	2.38	26.49	2.42	25.52	2.49
	30	28	31.07	2.24	30.37	2.31	29.51	2.39	29.02	2.43	28.64	2.46	27.60	2.53
	35	32	32.93	2.27	32.19	2.34	31.28	2.42	30.76	2.46	30.35	2.50	29.25	2.57
	40	36	34.79	2.30	34.02	2.38	33.05	2.46	32.51	2.50	32.07	2.53	30.91	2.61
	45	41	37.13	2.34	36.30	2.42	35.26	2.50	34.68	2.54	34.22	2.58	32.98	2.65
	47	43	38.05	2.36	37.20	2.44	36.14	2.51	35.55	2.56	35.08	2.59	33.80	2.67
	50	46	38.17	2.34	37.40	2.41	36.47	2.48	35.94	2.52	35.52	2.55	34.32	2.62
	55	51	38.35	2.32	37.72	2.38	37.02	2.43	36.59	2.46	36.25	2.48	35.18	2.54
	60	56	38.54	2.29	38.04	2.34	37.57	2.38	37.25	2.40	36.99	2.41	36.04	2.45
	63	59	38.65	2.28	38.23	2.31	37.90	2.35	37.64	2.36	37.43	2.37	36.56	2.40
	68	64	38.76	2.26	38.42	2.29	38.23	2.32	38.03	2.33	37.88	2.33	37.09	2.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 109: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	17.71	1.77	17.31	1.82	16.82	1.89	16.55	1.92	16.32	1.94	15.73	2.00
	-4	-4.4	19.73	1.88	19.29	1.94	18.74	2.00	18.44	2.04	18.19	2.07	17.53	2.13
	0	-0.4	20.73	1.95	20.27	2.01	19.69	2.07	19.36	2.11	19.11	2.14	18.41	2.20
	5	4.5	21.97	2.02	21.48	2.09	20.86	2.16	20.52	2.19	20.25	2.22	19.51	2.29
	10	9	23.68	2.15	23.15	2.22	22.49	2.29	22.12	2.33	21.83	2.36	21.04	2.43
	17	15	25.96	2.24	25.38	2.31	24.65	2.39	24.25	2.43	23.93	2.46	23.06	2.53
	20	19	27.89	2.27	27.27	2.35	26.49	2.42	26.06	2.46	25.71	2.50	24.78	2.57
	25	23	29.83	2.30	29.16	2.38	28.33	2.46	27.86	2.50	27.50	2.53	26.49	2.61
	30	28	32.25	2.35	31.53	2.43	30.62	2.50	30.12	2.55	29.73	2.58	28.64	2.66
	35	32	34.18	2.38	33.42	2.46	32.46	2.54	31.93	2.58	31.51	2.62	30.36	2.70
	40	36	36.12	2.42	35.31	2.50	34.30	2.57	33.74	2.62	33.29	2.65	32.08	2.74
	45	41	38.53	2.46	37.67	2.54	36.60	2.62	36.00	2.67	35.52	2.70	34.23	2.78
	47	43	39.50	2.47	38.62	2.56	37.51	2.64	36.90	2.68	36.41	2.72	35.09	2.80
	50	46	39.61	2.46	38.82	2.53	37.86	2.61	37.31	2.64	36.87	2.67	35.62	2.75
	55	51	39.81	2.43	39.15	2.49	38.43	2.55	37.98	2.58	37.63	2.61	36.52	2.66
31	60	56	40.00	2.41	39.48	2.45	39.00	2.50	38.66	2.51	38.39	2.53	37.41	2.57
	63	59	40.12	2.39	39.68	2.43	39.34	2.47	39.07	2.48	38.85	2.49	37.95	2.52
	68	64	40.23	2.38	39.88	2.41	39.68	2.44	39.48	2.44	39.32	2.45	38.49	2.47
	-13	-13.4	18.36	1.85	17.95	1.91	17.44	1.97	17.15	2.00	16.92	2.03	16.30	2.09
	-4	-4.4	20.45	1.97	20.00	2.03	19.43	2.10	19.11	2.14	18.86	2.17	18.17	2.23
	0	-0.4	21.49	2.03	21.01	2.10	20.41	2.17	20.07	2.21	19.81	2.24	19.09	2.30
	5	4.5	22.77	2.12	22.26	2.19	21.63	2.26	21.27	2.30	20.99	2.33	20.23	2.40
	10	9	24.55	2.25	24.00	2.32	23.31	2.40	22.93	2.44	22.63	2.47	21.80	2.55
	17	15	26.91	2.34	26.31	2.42	25.55	2.50	25.14	2.54	24.80	2.57	23.90	2.65
	20	19	28.92	2.38	28.27	2.45	27.46	2.53	27.01	2.58	26.65	2.61	25.68	2.69
	25	23	30.92	2.41	30.23	2.49	29.37	2.57	28.88	2.62	28.50	2.65	27.47	2.73
	30	28	33.42	2.46	32.68	2.54	31.74	2.62	31.23	2.67	30.81	2.70	29.69	2.78
	35	32	35.43	2.49	34.64	2.57	33.65	2.66	33.10	2.70	32.66	2.74	31.47	2.82
	40	36	37.44	2.53	36.60	2.61	35.55	2.69	34.97	2.74	34.51	2.78	33.26	2.86
	45	41	39.94	2.57	39.05	2.66	37.94	2.74	37.32	2.79	36.82	2.83	35.48	2.91
	47	43	40.94	2.59	40.03	2.67	38.89	2.76	38.25	2.81	37.74	2.85	36.37	2.93
32	50	46	41.06	2.57	40.24	2.65	39.24	2.72	38.67	2.77	38.22	2.80	36.93	2.87
	55	51	41.26	2.54	40.58	2.61	39.83	2.67	39.37	2.70	39.01	2.72	37.85	2.78
	60	56	41.47	2.52	40.93	2.57	40.42	2.62	40.08	2.64	39.80	2.65	38.78	2.69
	63	59	41.59	2.50	41.13	2.54	40.78	2.58	40.50	2.59	40.27	2.61	39.34	2.64
	68	64	41.71	2.49	41.34	2.52	41.13	2.55	40.92	2.55	40.75	2.56	39.90	2.58
	-13	-13.4	19.00	1.94	18.58	2.00	18.05	2.06	17.76	2.10	17.52	2.13	16.88	2.20
	-4	-4.4	21.18	2.06	20.70	2.13	20.12	2.20	19.78	2.24	19.52	2.27	18.81	2.33
	0	-0.4	22.25	2.13	21.75	2.21	21.12	2.27	20.78	2.31	20.51	2.34	19.76	2.42
	5	4.5	23.58	2.22	23.05	2.29	22.39	2.37	22.03	2.41	21.73	2.44	20.94	2.51
	10	9	25.41	2.36	24.84	2.43	24.14	2.51	23.74	2.56	23.42	2.59	22.57	2.67
	17	15	27.86	2.45	27.24	2.54	26.46	2.62	26.03	2.66	25.68	2.70	24.74	2.78
	20	19	29.94	2.49	29.26	2.57	28.43	2.66	27.97	2.70	27.59	2.74	26.59	2.82
	25	23	32.01	2.53	31.29	2.61	30.40	2.70	29.90	2.74	29.51	2.78	28.44	2.86
	30	28	34.61	2.57	33.83	2.66	32.87	2.75	32.33	2.79	31.90	2.83	30.74	2.92
	35	32	36.68	2.61	35.86	2.70	34.84	2.79	34.27	2.83	33.81	2.87	32.58	2.96
	40	36	38.76	2.65	37.89	2.74	36.81	2.83	36.21	2.87	35.73	2.91	34.43	3.00
	45	41	41.35	2.70	40.43	2.78	39.27	2.87	38.63	2.92	38.12	2.96	36.74	3.05
	47	43	42.39	2.71	41.44	2.80	40.26	2.89	39.60	2.94	39.07	2.98	37.65	3.07
	50	46	42.51	2.70	41.66	2.78	40.62	2.86	40.04	2.90	39.57	2.93	38.23	3.02
	55	51	42.72	2.67	42.01	2.73	41.24	2.80	40.76	2.83	40.38	2.86	39.19	2.92
	60	56	42.93	2.64	42.37	2.69	41.85	2.74	41.49	2.76	41.20	2.78	40.15	2.82
	63	59	43.05	2.62	42.58	2.67	42.22	2.70	41.93	2.72	41.70	2.73	40.73	2.76
	68	64	43.18	2.60	42.80	2.64	42.59	2.67	42.37	2.68	42.19	2.68	41.31	2.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 110: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	19.65	2.03	19.21	2.10	18.67	2.16	18.36	2.20	18.11	2.23	17.46	2.30
	-4	-4.4	21.90	2.16	21.41	2.23	20.80	2.30	20.46	2.34	20.19	2.37	19.45	2.44
	0	-0.4	23.00	2.23	22.49	2.31	21.85	2.38	21.49	2.42	21.20	2.45	20.44	2.53
	5	4.5	24.38	2.32	23.84	2.40	23.15	2.48	22.78	2.52	22.47	2.55	21.66	2.63
	10	9	26.28	2.46	25.69	2.55	24.96	2.63	24.55	2.67	24.23	2.71	23.34	2.79
	17	15	28.81	2.57	28.16	2.65	27.36	2.74	26.91	2.78	26.56	2.82	25.59	2.91
	20	19	30.95	2.61	30.26	2.69	29.40	2.78	28.92	2.83	28.53	2.86	27.50	2.95
	25	23	33.10	2.65	32.36	2.73	31.44	2.82	30.92	2.87	30.52	2.91	29.41	3.00
	30	28	35.79	2.69	34.98	2.78	33.99	2.87	33.43	2.92	32.99	2.96	31.79	3.05
	35	32	37.93	2.73	37.08	2.82	36.03	2.91	35.44	2.96	34.96	3.00	33.70	3.09
	40	36	40.08	2.77	39.18	2.86	38.06	2.95	37.44	3.00	36.95	3.04	35.60	3.14
	45	41	42.76	2.82	41.81	2.91	40.61	3.01	39.95	3.06	39.42	3.10	37.99	3.19
	47	43	43.83	2.84	42.85	2.93	41.63	3.02	40.95	3.08	40.41	3.12	38.94	3.21
	50	46	43.96	2.82	43.08	2.91	42.01	2.99	41.40	3.03	40.91	3.07	39.53	3.15
	55	51	44.18	2.79	43.45	2.86	42.64	2.93	42.15	2.96	41.76	2.98	40.53	3.05
	60	56	44.39	2.76	43.81	2.81	43.28	2.87	42.91	2.89	42.61	2.91	41.52	2.95
	63	59	44.52	2.74	44.04	2.79	43.66	2.83	43.36	2.84	43.12	2.85	42.12	2.89
	68	64	44.65	2.73	44.26	2.76	44.04	2.79	43.81	2.80	43.63	2.80	42.72	2.83
34	-13	-13.4	20.30	2.12	19.85	2.19	19.28	2.25	18.96	2.29	18.72	2.33	18.03	2.40
	-4	-4.4	22.62	2.25	22.12	2.33	21.48	2.40	21.13	2.44	20.85	2.47	20.10	2.55
	0	-0.4	23.76	2.33	23.23	2.41	22.57	2.48	22.20	2.53	21.90	2.56	21.10	2.64
	5	4.5	25.18	2.42	24.62	2.50	23.92	2.59	23.53	2.63	23.21	2.66	22.37	2.74
	10	9	27.15	2.57	26.54	2.66	25.78	2.74	25.36	2.79	25.02	2.83	24.11	2.91
	17	15	29.76	2.68	29.09	2.77	28.26	2.86	27.80	2.91	27.43	2.95	26.43	3.04
	20	19	31.97	2.72	31.26	2.81	30.37	2.90	29.87	2.95	29.47	2.99	28.40	3.08
	25	23	34.19	2.76	33.43	2.85	32.47	2.94	31.94	2.99	31.52	3.04	30.37	3.13
	30	28	36.96	2.81	36.14	2.90	35.10	3.00	34.53	3.05	34.07	3.09	32.84	3.18
	35	32	39.18	2.85	38.31	2.95	37.21	3.04	36.60	3.09	36.12	3.13	34.80	3.23
	40	36	41.40	2.89	40.48	2.99	39.32	3.08	38.68	3.14	38.16	3.18	36.78	3.27
	45	41	44.17	2.94	43.18	3.04	41.95	3.13	41.27	3.19	40.72	3.24	39.24	3.33
	47	43	45.28	2.96	44.27	3.06	43.00	3.16	42.30	3.21	41.74	3.26	40.22	3.35
	50	46	45.41	2.95	44.50	3.03	43.39	3.12	42.77	3.17	42.26	3.20	40.84	3.29
	55	51	45.63	2.91	44.88	2.98	44.05	3.05	43.54	3.09	43.14	3.12	41.86	3.18
	60	56	45.86	2.88	45.26	2.94	44.70	2.99	44.32	3.01	44.01	3.03	42.89	3.08
	63	59	45.99	2.86	45.49	2.91	45.09	2.95	44.79	2.97	44.54	2.98	43.50	3.01
	68	64	46.12	2.84	45.72	2.88	45.49	2.92	45.26	2.92	45.07	2.93	44.13	2.95
35	-13	-13.4	20.95	2.21	20.48	2.28	19.89	2.35	19.57	2.39	19.31	2.42	18.61	2.50
	-4	-4.4	23.34	2.35	22.82	2.43	22.17	2.51	21.81	2.55	21.52	2.58	20.73	2.66
	0	-0.4	24.52	2.43	23.97	2.51	23.29	2.59	22.90	2.63	22.60	2.67	21.78	2.75
	5	4.5	25.99	2.53	25.41	2.61	24.68	2.70	24.28	2.75	23.96	2.78	23.08	2.86
	10	9	28.01	2.68	27.39	2.77	26.60	2.86	26.17	2.91	25.82	2.95	24.88	3.04
	17	15	30.71	2.79	30.02	2.89	29.16	2.98	28.69	3.03	28.30	3.08	27.28	3.17
	20	19	32.99	2.84	32.26	2.93	31.34	3.03	30.83	3.08	30.41	3.12	29.31	3.21
	25	23	35.28	2.88	34.49	2.98	33.51	3.07	32.96	3.13	32.53	3.17	31.34	3.26
	30	28	38.14	2.94	37.29	3.03	36.23	3.13	35.64	3.18	35.16	3.22	33.88	3.32
	35	32	40.44	2.98	39.53	3.07	38.40	3.17	37.77	3.23	37.27	3.27	35.92	3.37
	40	36	42.72	3.02	41.77	3.12	40.58	3.22	39.91	3.27	39.38	3.32	37.95	3.42
	45	41	45.58	3.07	44.56	3.17	43.29	3.27	42.58	3.33	42.02	3.38	40.49	3.47
	47	43	46.72	3.09	45.68	3.19	44.38	3.30	43.65	3.35	43.07	3.40	41.50	3.50
	50	46	46.86	3.07	45.92	3.16	44.78	3.26	44.13	3.30	43.61	3.34	42.14	3.44
	55	51	47.09	3.04	46.31	3.12	45.45	3.19	44.93	3.22	44.52	3.26	43.20	3.32
	60	56	47.32	3.01	46.70	3.07	46.13	3.12	45.73	3.14	45.42	3.16	44.26	3.21
	63	59	47.46	2.99	46.94	3.04	46.53	3.08	46.21	3.10	45.96	3.11	44.89	3.15
	68	64	47.59	2.97	47.18	3.00	46.94	3.04	46.70	3.05	46.51	3.06	45.54	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 111: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	21.59	2.30	21.11	2.38	20.51	2.45	20.17	2.50	19.91	2.53	19.19	2.61
	-4	-4.4	24.07	2.45	23.53	2.53	22.86	2.62	22.48	2.66	22.18	2.69	21.38	2.78
	0	-0.4	25.28	2.54	24.71	2.62	24.01	2.70	23.62	2.75	23.30	2.79	22.45	2.87
	5	4.5	26.79	2.64	26.19	2.73	25.44	2.82	25.03	2.86	24.70	2.90	23.80	2.99
	10	9	28.88	2.80	28.23	2.89	27.43	2.99	26.98	3.04	26.62	3.08	25.65	3.17
	17	15	31.66	2.92	30.95	3.02	30.07	3.11	29.57	3.16	29.18	3.21	28.12	3.30
	20	19	34.02	2.96	33.26	3.06	32.31	3.16	31.78	3.21	31.36	3.26	30.21	3.36
	25	23	36.38	3.01	35.56	3.11	34.55	3.21	33.98	3.26	33.53	3.30	32.31	3.40
	30	28	39.33	3.06	38.44	3.16	37.35	3.26	36.74	3.32	36.25	3.36	34.93	3.46
	35	32	41.68	3.10	40.75	3.21	39.59	3.31	38.94	3.37	38.43	3.41	37.02	3.51
	40	36	44.05	3.15	43.06	3.25	41.83	3.35	41.15	3.41	40.60	3.46	39.12	3.56
	45	41	46.99	3.20	45.94	3.31	44.63	3.42	43.90	3.47	43.31	3.52	41.74	3.63
	47	43	48.17	3.22	47.09	3.33	45.75	3.44	45.00	3.50	44.40	3.54	42.79	3.65
	50	46	48.31	3.20	47.34	3.30	46.16	3.39	45.50	3.45	44.96	3.49	43.44	3.58
	55	51	48.55	3.17	47.74	3.25	46.86	3.33	46.32	3.36	45.89	3.39	44.53	3.47
37	60	56	48.78	3.14	48.15	3.20	47.56	3.26	47.15	3.28	46.82	3.30	45.63	3.35
	63	59	48.92	3.12	48.39	3.17	47.97	3.21	47.64	3.23	47.38	3.24	46.28	3.28
	68	64	49.07	3.10	48.64	3.14	48.39	3.17	48.15	3.18	47.95	3.19	46.94	3.21
	-13	-13.4	21.84	2.34	21.35	2.42	20.74	2.50	20.40	2.54	20.13	2.57	19.39	2.65
	-4	-4.4	24.33	2.49	23.79	2.57	23.11	2.66	22.73	2.70	22.43	2.74	21.61	2.82
	0	-0.4	25.56	2.57	24.99	2.66	24.27	2.75	23.88	2.79	23.56	2.83	22.70	2.92
	5	4.5	27.09	2.68	26.48	2.77	25.73	2.86	25.31	2.91	24.97	2.95	24.06	3.03
	10	9	29.20	2.84	28.55	2.94	27.73	3.03	27.28	3.09	26.92	3.13	25.94	3.22
	17	15	32.01	2.96	31.29	3.06	30.40	3.16	29.90	3.21	29.51	3.26	28.43	3.35
	20	19	34.39	3.01	33.62	3.11	32.66	3.21	32.13	3.26	31.71	3.31	30.55	3.41
	25	23	36.78	3.06	35.96	3.16	34.93	3.26	34.36	3.31	33.91	3.36	32.67	3.46
	30	28	39.76	3.11	38.87	3.21	37.76	3.31	37.15	3.37	36.65	3.42	35.32	3.52
	35	32	42.15	3.15	41.20	3.26	40.03	3.36	39.37	3.42	38.85	3.46	37.44	3.57
	40	36	44.53	3.20	43.54	3.30	42.29	3.41	41.60	3.47	41.05	3.52	39.56	3.62
	45	41	47.52	3.25	46.45	3.36	45.12	3.47	44.39	3.53	43.80	3.58	42.20	3.68
	47	43	48.70	3.28	47.62	3.38	46.26	3.49	45.50	3.55	44.90	3.60	43.26	3.71
38	50	46	48.85	3.26	47.86	3.35	46.68	3.45	46.00	3.50	45.46	3.54	43.93	3.64
	55	51	49.09	3.22	48.27	3.30	47.38	3.38	46.84	3.42	46.40	3.45	45.03	3.52
	60	56	49.32	3.18	48.68	3.25	48.08	3.31	47.67	3.33	47.34	3.35	46.13	3.40
	63	59	49.47	3.16	48.93	3.22	48.51	3.27	48.17	3.28	47.91	3.30	46.79	3.33
	68	64	49.61	3.14	49.18	3.18	48.93	3.22	48.68	3.23	48.48	3.24	47.47	3.27
	-13	-13.4	22.07	2.38	21.58	2.46	20.97	2.54	20.62	2.58	20.35	2.61	19.61	2.69
	-4	-4.4	24.60	2.53	24.05	2.62	23.36	2.70	22.98	2.75	22.68	2.78	21.85	2.87
	0	-0.4	25.84	2.62	25.26	2.71	24.54	2.79	24.14	2.84	23.82	2.88	22.95	2.97
	5	4.5	27.39	2.73	26.77	2.82	26.01	2.91	25.58	2.96	25.24	3.00	24.33	3.09
	10	9	29.52	2.89	28.86	2.99	28.03	3.08	27.58	3.14	27.21	3.18	26.22	3.27
	17	15	32.36	3.02	31.64	3.12	30.74	3.21	30.23	3.27	29.83	3.31	28.75	3.42
	20	19	34.77	3.06	34.00	3.16	33.02	3.26	32.49	3.32	32.05	3.37	30.89	3.47
	25	23	37.19	3.11	36.35	3.21	35.31	3.31	34.74	3.37	34.27	3.41	33.03	3.52
	30	28	40.20	3.16	39.30	3.27	38.18	3.37	37.56	3.43	37.05	3.47	35.71	3.58
	35	32	42.61	3.21	41.66	3.31	40.47	3.42	39.81	3.48	39.28	3.52	37.85	3.63
	40	36	45.02	3.25	44.02	3.36	42.76	3.47	42.06	3.53	41.50	3.58	39.99	3.68
	45	41	48.04	3.31	46.96	3.42	45.62	3.53	44.87	3.59	44.28	3.64	42.67	3.74
	47	43	49.24	3.33	48.14	3.44	46.76	3.55	46.00	3.61	45.39	3.66	43.74	3.77
	50	46	49.38	3.31	48.39	3.41	47.19	3.51	46.51	3.56	45.96	3.60	44.41	3.70
	55	51	49.63	3.28	48.80	3.36	47.90	3.43	47.35	3.48	46.91	3.51	45.52	3.58
	60	56	49.87	3.24	49.22	3.31	48.61	3.36	48.20	3.39	47.86	3.41	46.64	3.46
	63	59	50.01	3.22	49.47	3.27	49.04	3.32	48.70	3.34	48.43	3.35	47.31	3.39
	68	64	50.16	3.20	49.72	3.24	49.47	3.28	49.22	3.29	49.01	3.29	47.99	3.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 112: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	22.32	2.42	21.82	2.49	21.19	2.58	20.85	2.62	20.57	2.66	19.82	2.73
	-4	-4.4	24.87	2.57	24.31	2.66	23.62	2.74	23.23	2.79	22.92	2.83	22.09	2.91
	0	-0.4	26.12	2.66	25.54	2.74	24.81	2.84	24.40	2.89	24.08	2.92	23.20	3.01
	5	4.5	27.68	2.77	27.07	2.86	26.29	2.95	25.86	3.00	25.52	3.04	24.59	3.14
	10	9	29.84	2.94	29.17	3.04	28.34	3.13	27.87	3.19	27.51	3.23	26.50	3.33
	17	15	32.71	3.06	31.98	3.17	31.06	3.26	30.56	3.32	30.15	3.36	29.06	3.47
	20	19	35.15	3.11	34.36	3.21	33.38	3.31	32.84	3.37	32.40	3.42	31.22	3.52
	25	23	37.59	3.15	36.75	3.26	35.70	3.36	35.12	3.42	34.65	3.47	33.39	3.57
	30	28	40.64	3.21	39.73	3.32	38.59	3.42	37.96	3.48	37.46	3.53	36.10	3.64
	35	32	43.07	3.26	42.11	3.36	40.91	3.47	40.24	3.53	39.70	3.58	38.26	3.69
	40	36	45.51	3.30	44.50	3.41	43.22	3.52	42.52	3.58	41.95	3.63	40.43	3.74
	45	41	48.56	3.36	47.47	3.47	46.12	3.58	45.36	3.64	44.76	3.69	43.13	3.80
	47	43	49.78	3.38	48.66	3.49	47.27	3.60	46.50	3.67	45.88	3.72	44.21	3.83
	50	46	49.92	3.36	48.91	3.46	47.70	3.56	47.01	3.62	46.46	3.66	44.89	3.75
	55	51	50.16	3.32	49.33	3.41	48.42	3.49	47.87	3.53	47.42	3.56	46.02	3.64
	60	56	50.41	3.29	49.75	3.35	49.14	3.42	48.72	3.44	48.38	3.46	47.15	3.51
40	63	59	50.55	3.27	50.00	3.32	49.57	3.37	49.23	3.39	48.96	3.40	47.82	3.44
	68	64	50.70	3.25	50.26	3.29	50.01	3.33	49.75	3.33	49.55	3.34	48.51	3.37
	-13	-13.4	22.56	2.45	22.05	2.54	21.42	2.62	21.07	2.66	20.79	2.70	20.04	2.78
	-4	-4.4	25.13	2.62	24.57	2.70	23.87	2.79	23.48	2.84	23.17	2.88	22.33	2.96
	0	-0.4	26.40	2.70	25.81	2.79	25.07	2.88	24.66	2.93	24.34	2.97	23.45	3.06
	5	4.5	27.98	2.81	27.36	2.91	26.58	3.00	26.14	3.05	25.79	3.09	24.86	3.19
	10	9	30.16	2.99	29.49	3.09	28.65	3.18	28.18	3.24	27.80	3.28	26.79	3.38
	17	15	33.06	3.11	32.32	3.22	31.40	3.32	30.89	3.38	30.48	3.42	29.37	3.52
	20	19	35.53	3.16	34.73	3.26	33.74	3.37	33.19	3.43	32.75	3.47	31.56	3.58
	25	23	37.99	3.21	37.15	3.31	36.08	3.42	35.49	3.48	35.02	3.52	33.75	3.63
	30	28	41.07	3.26	40.15	3.37	39.01	3.48	38.37	3.54	37.86	3.59	36.48	3.69
	35	32	43.54	3.31	42.57	3.42	41.35	3.53	40.67	3.59	40.13	3.64	38.67	3.75
	40	36	46.00	3.35	44.97	3.47	43.69	3.58	42.97	3.64	42.40	3.69	40.86	3.80
	45	41	49.08	3.42	47.98	3.53	46.61	3.64	45.85	3.70	45.24	3.75	43.60	3.87
	47	43	50.31	3.44	49.19	3.55	47.78	3.66	47.00	3.73	46.38	3.78	44.69	3.89
	50	46	50.46	3.41	49.44	3.52	48.22	3.62	47.52	3.67	46.96	3.72	45.37	3.82
41	55	51	50.70	3.38	49.86	3.46	48.94	3.55	48.38	3.58	47.93	3.62	46.51	3.70
	60	56	50.95	3.34	50.29	3.41	49.67	3.47	49.24	3.50	48.90	3.52	47.65	3.57
	63	59	51.10	3.32	50.54	3.37	50.10	3.43	49.76	3.44	49.49	3.46	48.34	3.50
	68	64	51.25	3.30	50.80	3.34	50.54	3.38	50.29	3.39	50.08	3.40	49.03	3.43
	-13	-13.4	22.80	2.50	22.29	2.58	21.65	2.66	21.30	2.71	21.01	2.75	20.25	2.83
	-4	-4.4	25.40	2.66	24.84	2.75	24.12	2.84	23.73	2.88	23.41	2.92	22.56	3.01
	0	-0.4	26.68	2.75	26.09	2.84	25.34	2.93	24.93	2.98	24.59	3.02	23.70	3.11
	5	4.5	28.28	2.86	27.65	2.96	26.86	3.05	26.42	3.11	26.07	3.15	25.12	3.24
	10	9	30.48	3.04	29.80	3.14	28.95	3.24	28.48	3.30	28.10	3.34	27.08	3.44
	17	15	33.42	3.17	32.67	3.27	31.73	3.37	31.22	3.43	30.80	3.48	29.68	3.59
	20	19	35.91	3.22	35.11	3.32	34.10	3.43	33.54	3.49	33.10	3.53	31.89	3.64
	25	23	38.40	3.26	37.54	3.37	36.46	3.48	35.87	3.54	35.39	3.59	34.11	3.69
	30	28	41.51	3.32	40.58	3.43	39.42	3.54	38.78	3.60	38.26	3.65	36.87	3.76
	35	32	44.00	3.37	43.02	3.48	41.79	3.59	41.10	3.65	40.56	3.70	39.08	3.81
	40	36	46.49	3.42	45.45	3.53	44.15	3.64	43.43	3.70	42.85	3.75	41.30	3.87
	45	41	49.60	3.47	48.50	3.59	47.11	3.70	46.34	3.77	45.72	3.82	44.06	3.93
	47	43	50.85	3.50	49.71	3.61	48.29	3.73	47.50	3.79	46.87	3.84	45.16	3.96
	50	46	50.99	3.48	49.97	3.58	48.73	3.68	48.02	3.74	47.46	3.78	45.86	3.89
	55	51	51.24	3.44	50.39	3.52	49.46	3.61	48.90	3.65	48.44	3.68	47.01	3.76
	60	56	51.49	3.40	50.82	3.47	50.20	3.53	49.77	3.56	49.42	3.58	48.16	3.64
	63	59	51.64	3.38	51.08	3.44	50.64	3.49	50.29	3.50	50.01	3.52	48.85	3.56
	68	64	51.79	3.36	51.34	3.40	51.08	3.44	50.82	3.45	50.61	3.46	49.55	3.49

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 113: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	23.04	2.54	22.52	2.62	21.88	2.71	21.52	2.75	21.23	2.79	20.46	2.87
	-4	-4.4	25.67	2.70	25.09	2.79	24.38	2.88	23.98	2.93	23.66	2.97	22.80	3.06
	0	-0.4	26.96	2.79	26.36	2.88	25.61	2.98	25.19	3.03	24.85	3.07	23.95	3.16
	5	4.5	28.58	2.91	27.94	3.00	27.14	3.10	26.70	3.15	26.34	3.20	25.38	3.29
	10	9	30.80	3.09	30.12	3.19	29.25	3.29	28.78	3.35	28.39	3.40	27.36	3.50
	17	15	33.77	3.22	33.01	3.32	32.07	3.43	31.55	3.49	31.12	3.54	30.00	3.64
	20	19	36.28	3.27	35.47	3.37	34.46	3.48	33.90	3.54	33.45	3.59	32.23	3.70
	25	23	38.80	3.31	37.93	3.42	36.85	3.54	36.25	3.60	35.77	3.64	34.46	3.75
	30	28	41.95	3.37	41.01	3.49	39.84	3.60	39.19	3.66	38.66	3.71	37.26	3.82
	35	32	44.46	3.42	43.47	3.53	42.23	3.65	41.54	3.71	40.99	3.76	39.49	3.87
	40	36	46.98	3.47	45.93	3.58	44.62	3.70	43.89	3.76	43.31	3.81	41.73	3.93
	45	41	50.13	3.53	49.01	3.65	47.61	3.76	46.83	3.82	46.20	3.88	44.52	4.00
	47	43	51.38	3.55	50.23	3.67	48.80	3.79	48.00	3.85	47.36	3.90	45.64	4.02
	50	46	51.53	3.53	50.49	3.63	49.24	3.74	48.53	3.80	47.96	3.84	46.34	3.95
	55	51	51.78	3.49	50.92	3.58	49.98	3.66	49.41	3.71	48.95	3.74	47.50	3.82
	60	56	52.03	3.46	51.36	3.52	50.73	3.58	50.29	3.61	49.94	3.63	48.67	3.69
43	63	59	52.19	3.43	51.62	3.49	51.17	3.54	50.82	3.56	50.54	3.57	49.37	3.61
	68	64	52.34	3.41	51.88	3.46	51.62	3.50	51.36	3.51	51.14	3.51	50.07	3.54
	-13	-13.4	23.39	2.59	22.87	2.68	22.22	2.76	21.86	2.81	21.56	2.85	20.78	2.93
	-4	-4.4	26.07	2.76	25.49	2.85	24.76	2.94	24.35	2.99	24.03	3.03	23.16	3.12
	0	-0.4	27.39	2.85	26.77	2.94	26.01	3.04	25.58	3.09	25.24	3.14	24.32	3.23
	5	4.5	29.02	2.97	28.38	3.07	27.56	3.17	27.11	3.22	26.75	3.26	25.78	3.36
	10	9	31.28	3.15	30.58	3.26	29.71	3.36	29.22	3.42	28.84	3.46	27.79	3.57
	17	15	34.30	3.29	33.53	3.39	32.57	3.50	32.04	3.56	31.61	3.61	30.46	3.72
	20	19	36.85	3.33	36.03	3.45	35.00	3.56	34.43	3.61	33.97	3.66	32.73	3.78
	25	23	39.41	3.39	38.53	3.50	37.43	3.61	36.81	3.67	36.32	3.72	35.01	3.83
	30	28	42.60	3.44	41.65	3.56	40.46	3.67	39.80	3.73	39.27	3.78	37.84	3.90
	35	32	45.16	3.49	44.15	3.61	42.89	3.72	42.19	3.79	41.62	3.84	40.11	3.95
	40	36	47.71	3.54	46.65	3.66	45.31	3.77	44.58	3.84	43.98	3.89	42.38	4.01
	45	41	50.91	3.60	49.77	3.72	48.35	3.84	47.56	3.90	46.93	3.96	45.22	4.08
	47	43	52.18	3.62	51.02	3.75	49.56	3.87	48.75	3.93	48.10	3.99	46.35	4.11
	50	46	52.34	3.60	51.28	3.71	50.01	3.82	49.29	3.88	48.71	3.92	47.06	4.03
	55	51	52.59	3.57	51.72	3.65	50.77	3.74	50.18	3.78	49.72	3.82	48.25	3.90
44	60	56	52.85	3.53	52.16	3.60	51.52	3.66	51.08	3.69	50.72	3.71	49.43	3.77
	63	59	53.00	3.51	52.42	3.56	51.97	3.61	51.61	3.63	51.33	3.64	50.14	3.69
	68	64	53.15	3.48	52.69	3.53	52.43	3.57	52.16	3.58	51.94	3.58	50.86	3.61
	-13	-13.4	23.75	2.65	23.22	2.73	22.56	2.82	22.19	2.87	21.90	2.91	21.10	3.00
	-4	-4.4	26.47	2.82	25.88	2.91	25.14	3.00	24.73	3.06	24.40	3.10	23.51	3.19
	0	-0.4	27.81	2.92	27.19	3.01	26.41	3.10	25.98	3.16	25.63	3.20	24.70	3.30
	5	4.5	29.47	3.03	28.81	3.13	27.99	3.23	27.53	3.29	27.17	3.33	26.18	3.43
	10	9	31.77	3.22	31.05	3.33	30.17	3.44	29.68	3.49	29.28	3.54	28.22	3.65
	17	15	34.82	3.36	34.04	3.47	33.07	3.58	32.53	3.64	32.10	3.69	30.93	3.80
	20	19	37.42	3.40	36.58	3.52	35.53	3.63	34.96	3.69	34.49	3.74	33.24	3.86
	25	23	40.01	3.46	39.12	3.57	38.00	3.69	37.38	3.75	36.88	3.80	35.54	3.91
	30	28	43.25	3.52	42.29	3.64	41.08	3.75	40.41	3.82	39.87	3.87	38.42	3.98
	35	32	45.85	3.57	44.83	3.69	43.55	3.80	42.84	3.87	42.27	3.92	40.73	4.04
	40	36	48.45	3.62	47.37	3.74	46.01	3.86	45.26	3.92	44.66	3.98	43.03	4.10
	45	41	51.69	3.68	50.54	3.80	49.09	3.92	48.29	3.99	47.65	4.05	45.92	4.16
	47	43	52.99	3.71	51.80	3.83	50.32	3.95	49.50	4.02	48.84	4.07	47.07	4.19
	50	46	53.14	3.68	52.07	3.79	50.78	3.90	50.05	3.96	49.46	4.01	47.79	4.11
	55	51	53.40	3.64	52.52	3.73	51.55	3.82	50.95	3.86	50.48	3.90	48.99	3.98
	60	56	53.66	3.60	52.96	3.67	52.31	3.74	51.86	3.77	51.51	3.79	50.19	3.85
	63	59	53.82	3.58	53.23	3.64	52.77	3.69	52.41	3.71	52.12	3.73	50.91	3.77
	68	64	53.97	3.56	53.50	3.60	53.23	3.64	52.96	3.65	52.74	3.66	51.64	3.69

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 114: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	24.12	2.71	23.58	2.79	22.90	2.88	22.53	2.93	22.23	2.97	21.42	3.06
	-4	-4.4	26.87	2.88	26.27	2.97	25.52	3.07	25.10	3.12	24.77	3.16	23.87	3.26
	0	-0.4	28.22	2.97	27.60	3.07	26.81	3.17	26.37	3.23	26.02	3.27	25.07	3.37
	5	4.5	29.92	3.10	29.25	3.20	28.41	3.30	27.95	3.36	27.58	3.40	26.57	3.50
	10	9	32.24	3.29	31.53	3.40	30.62	3.51	30.13	3.57	29.72	3.62	28.65	3.73
	17	15	35.35	3.43	34.56	3.54	33.57	3.66	33.02	3.72	32.58	3.77	31.40	3.88
	20	19	37.98	3.48	37.13	3.59	36.08	3.71	35.48	3.77	35.02	3.82	33.74	3.94
	25	23	40.62	3.53	39.71	3.65	38.58	3.77	37.95	3.83	37.44	3.88	36.08	3.99
	30	28	43.91	3.59	42.93	3.71	41.70	3.83	41.02	3.90	40.48	3.95	39.01	4.07
	35	32	46.55	3.65	45.51	3.77	44.21	3.89	43.48	3.95	42.91	4.01	41.34	4.13
	40	36	49.18	3.70	48.08	3.82	46.71	3.94	45.94	4.01	45.33	4.06	43.69	4.18
	45	41	52.48	3.76	51.30	3.88	49.84	4.01	49.02	4.07	48.37	4.13	46.61	4.26
	47	43	53.79	3.78	52.59	3.91	51.08	4.03	50.25	4.10	49.58	4.16	47.78	4.28
	50	46	53.95	3.76	52.86	3.87	51.55	3.99	50.80	4.04	50.21	4.09	48.51	4.20
	55	51	54.21	3.72	53.31	3.81	52.33	3.90	51.73	3.95	51.25	3.98	49.73	4.07
46	60	56	54.47	3.68	53.76	3.75	53.10	3.82	52.65	3.85	52.29	3.87	50.95	3.93
	63	59	54.63	3.66	54.04	3.71	53.57	3.77	53.20	3.79	52.91	3.80	51.68	3.85
	68	64	54.79	3.63	54.31	3.68	54.04	3.72	53.76	3.73	53.54	3.74	52.42	3.77
	-13	-13.4	24.48	2.76	23.93	2.84	23.24	2.94	22.86	2.99	22.56	3.03	21.74	3.12
	-4	-4.4	27.27	2.93	26.67	3.03	25.90	3.13	25.48	3.18	25.14	3.23	24.22	3.32
	0	-0.4	28.65	3.03	28.01	3.14	27.21	3.24	26.76	3.29	26.41	3.33	25.45	3.43
	5	4.5	30.36	3.16	29.69	3.26	28.84	3.36	28.37	3.42	27.99	3.47	26.97	3.57
	10	9	32.73	3.35	32.00	3.47	31.08	3.58	30.57	3.64	30.17	3.69	29.07	3.80
	17	15	35.87	3.49	35.07	3.61	34.07	3.73	33.52	3.79	33.07	3.84	31.87	3.96
	20	19	38.55	3.55	37.69	3.67	36.61	3.78	36.02	3.85	35.53	3.90	34.25	4.02
	25	23	41.22	3.60	40.30	3.72	39.15	3.84	38.51	3.90	38.00	3.96	36.62	4.08
	30	28	44.57	3.67	43.57	3.79	42.33	3.91	41.63	3.97	41.08	4.03	39.59	4.15
	35	32	47.24	3.72	46.18	3.84	44.87	3.96	44.13	4.03	43.55	4.09	41.96	4.21
	40	36	49.91	3.77	48.80	3.89	47.41	4.02	46.63	4.09	46.01	4.14	44.34	4.26
	45	41	53.26	3.83	52.07	3.96	50.58	4.08	49.76	4.15	49.09	4.21	47.31	4.34
	47	43	54.59	3.86	53.37	3.99	51.85	4.11	51.00	4.18	50.32	4.24	48.49	4.37
47	50	46	54.75	3.83	53.65	3.95	52.32	4.06	51.56	4.12	50.96	4.17	49.23	4.28
	55	51	55.02	3.79	54.11	3.88	53.11	3.98	52.50	4.03	52.01	4.06	50.47	4.14
	60	56	55.29	3.75	54.57	3.82	53.90	3.89	53.43	3.92	53.07	3.95	51.71	4.01
	63	59	55.45	3.73	54.84	3.79	54.37	3.84	54.00	3.86	53.70	3.88	52.45	3.93
	68	64	55.61	3.70	55.12	3.75	54.85	3.79	54.56	3.80	54.34	3.81	53.20	3.84
	-13	-13.4	24.84	2.81	24.28	2.91	23.59	3.00	23.20	3.05	22.89	3.10	22.06	3.19
	-4	-4.4	27.68	3.00	27.05	3.10	26.28	3.20	25.85	3.25	25.51	3.29	24.58	3.39
	0	-0.4	29.07	3.10	28.42	3.20	27.61	3.30	27.16	3.36	26.80	3.40	25.82	3.51
	5	4.5	30.81	3.23	30.12	3.33	29.26	3.44	28.78	3.50	28.40	3.54	27.37	3.65
	10	9	33.21	3.43	32.47	3.54	31.54	3.65	31.02	3.72	30.61	3.76	29.50	3.88
	17	15	36.40	3.57	35.59	3.69	34.57	3.81	34.01	3.87	33.56	3.93	32.34	4.04
	20	19	39.12	3.63	38.24	3.74	37.15	3.87	36.54	3.93	36.06	3.98	34.75	4.10
	25	23	41.83	3.68	40.90	3.80	39.73	3.92	39.08	3.99	38.56	4.04	37.16	4.16
	30	28	45.22	3.74	44.21	3.87	42.95	3.99	42.25	4.06	41.68	4.11	40.17	4.24
	35	32	47.94	3.80	46.86	3.92	45.53	4.05	44.78	4.12	44.19	4.17	42.58	4.30
	40	36	50.65	3.85	49.52	3.98	48.10	4.10	47.32	4.18	46.69	4.23	44.99	4.36
	45	41	54.04	3.91	52.83	4.04	51.33	4.17	50.49	4.24	49.82	4.30	48.00	4.43
	47	43	55.39	3.94	54.16	4.07	52.61	4.20	51.75	4.27	51.06	4.33	49.21	4.46
	50	46	55.56	3.91	54.44	4.03	53.09	4.15	52.32	4.21	51.70	4.26	49.96	4.38
	55	51	55.83	3.87	54.90	3.97	53.89	4.07	53.27	4.11	52.78	4.15	51.21	4.23
	60	56	56.10	3.83	55.37	3.90	54.69	3.98	54.22	4.01	53.85	4.03	52.47	4.10
	63	59	56.26	3.81	55.65	3.87	55.17	3.93	54.79	3.95	54.49	3.96	53.22	4.01
	68	64	56.43	3.78	55.93	3.83	55.65	3.87	55.37	3.88	55.14	3.89	53.99	3.93

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 115: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
49	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01
	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
50	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01
	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 116: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
51	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
52	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01
	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
53	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01
	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 117: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01
55	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01
56	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 118: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
57	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
58	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01
	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
59	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01
	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 119: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
61	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01
	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
62	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01
	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 120: KUMXA481A Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
63	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
64	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01
	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
65	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01
	-13	-13.4	25.19	2.87	24.63	2.97	23.93	3.06	23.54	3.11	23.22	3.15	22.38	3.25
	-4	-4.4	28.07	3.06	27.45	3.16	26.67	3.26	26.23	3.31	25.88	3.36	24.94	3.46
	0	-0.4	29.49	3.16	28.83	3.26	28.01	3.37	27.55	3.43	27.19	3.48	26.20	3.58
	5	4.5	31.26	3.29	30.56	3.40	29.69	3.51	29.20	3.57	28.81	3.62	27.76	3.72
	10	9	33.69	3.49	32.94	3.61	32.00	3.73	31.48	3.79	31.05	3.84	29.93	3.96
	17	15	36.93	3.65	36.11	3.76	35.07	3.89	34.50	3.95	34.04	4.01	32.81	4.13
	20	19	39.68	3.70	38.80	3.82	37.69	3.94	37.07	4.01	36.58	4.06	35.25	4.19
	25	23	42.44	3.75	41.49	3.88	40.30	4.00	39.65	4.07	39.12	4.12	37.69	4.25
	30	28	45.88	3.82	44.85	3.95	43.57	4.07	42.86	4.14	42.29	4.19	40.75	4.32
	35	32	48.63	3.87	47.55	4.00	46.18	4.13	45.43	4.20	44.83	4.26	43.20	4.39
	40	36	51.38	3.93	50.23	4.05	48.80	4.18	48.01	4.25	47.37	4.31	45.64	4.44
	45	41	54.82	3.99	53.60	4.12	52.07	4.25	51.22	4.33	50.54	4.39	48.70	4.52
	47	43	56.20	4.02	54.94	4.15	53.37	4.28	52.50	4.36	51.80	4.42	49.92	4.55
	50	46	56.36	3.99	55.23	4.11	53.86	4.23	53.08	4.30	52.45	4.35	50.68	4.46
	55	51	56.64	3.95	55.70	4.05	54.67	4.14	54.04	4.19	53.54	4.23	51.96	4.32
	60	56	56.91	3.91	56.17	3.99	55.48	4.06	55.01	4.09	54.63	4.11	53.23	4.17
	63	59	57.08	3.88	56.46	3.95	55.97	4.01	55.59	4.03	55.28	4.04	53.99	4.09
	68	64	57.24	3.86	56.74	3.91	56.46	3.96	56.17	3.97	55.94	3.97	54.77	4.01

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F WITH LGRED MAXIMUM HEATING CAPACITY TABLES

Multi F KUMXA181A on page 759

Multi F KUMXA241A on page 765

Multi F KUMXA301A on page 785

Table 1: KUMXA181A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7+7	-13	-13.4	15.62	1.66	15.27	1.71	14.83	1.77	14.59	1.80	14.39	1.82	13.87	1.88
		-4	-4.4	17.43	1.89	17.04	1.95	16.55	2.01	16.28	2.05	16.07	2.08	15.48	2.14
		0	-0.4	18.25	1.98	17.84	2.05	17.33	2.11	17.05	2.15	16.82	2.18	16.21	2.24
		5	4.5	19.27	2.10	18.84	2.17	18.30	2.24	18.00	2.28	17.76	2.31	17.12	2.38
		10	9	19.87	2.03	19.43	2.10	18.87	2.16	18.56	2.20	18.32	2.23	17.65	2.30
		17	15	20.67	1.98	20.21	2.05	19.63	2.11	19.31	2.15	19.06	2.18	18.36	2.24
		20	19	20.72	1.96	20.26	2.03	19.68	2.09	19.36	2.13	19.10	2.16	18.41	2.22
		25	23	20.77	1.94	20.31	2.01	19.73	2.07	19.41	2.11	19.15	2.13	18.45	2.20
		30	28	20.84	1.92	20.37	1.98	19.79	2.04	19.46	2.08	19.21	2.11	18.51	2.17
		35	32	20.89	1.90	20.42	1.96	19.84	2.02	19.51	2.06	19.25	2.09	18.55	2.15
		40	36	20.94	1.88	20.47	1.94	19.88	2.00	19.56	2.04	19.30	2.06	18.60	2.13
		45	41	21.00	1.85	20.53	1.92	19.94	1.98	19.62	2.01	19.36	2.04	18.65	2.10
		47	43	21.02	1.84	20.55	1.91	19.97	1.97	19.64	2.00	19.38	2.03	18.67	2.09
		50	46	21.09	1.83	20.66	1.89	20.15	1.94	19.86	1.97	19.62	1.99	18.96	2.05
		55	51	21.19	1.81	20.84	1.86	20.45	1.90	20.22	1.92	20.03	1.94	19.44	1.98
		60	56	21.29	1.79	21.01	1.83	20.76	1.86	20.58	1.88	20.44	1.89	19.91	1.92
		63	59	21.35	1.78	21.12	1.81	20.94	1.84	20.79	1.85	20.68	1.85	20.20	1.88
		68	64	21.41	1.77	21.23	1.79	21.12	1.81	21.01	1.82	20.93	1.82	20.49	1.84
	7+9	-13	-13.4	17.85	1.86	17.45	1.93	16.95	1.99	16.68	2.02	16.45	2.05	15.86	2.11
		-4	-4.4	19.92	2.12	19.48	2.19	18.92	2.26	18.61	2.30	18.37	2.33	17.70	2.41
		0	-0.4	20.86	2.23	20.39	2.30	19.81	2.38	19.49	2.42	19.23	2.45	18.53	2.52
		5	4.5	22.03	2.36	21.54	2.44	20.92	2.52	20.58	2.56	20.31	2.59	19.57	2.67
		10	9	22.72	2.28	22.21	2.36	21.57	2.44	21.22	2.48	20.94	2.51	20.18	2.59
		17	15	23.63	2.23	23.10	2.30	22.44	2.38	22.08	2.42	21.78	2.45	20.99	2.52
		20	19	23.69	2.21	23.16	2.28	22.50	2.35	22.13	2.39	21.84	2.43	21.04	2.50
		25	23	23.75	2.18	23.21	2.26	22.55	2.33	22.18	2.37	21.89	2.40	21.09	2.47
		30	28	23.82	2.16	23.28	2.23	22.62	2.30	22.25	2.34	21.95	2.37	21.16	2.44
		35	32	23.87	2.14	23.34	2.21	22.67	2.28	22.30	2.32	22.01	2.35	21.21	2.42
		40	36	23.93	2.11	23.40	2.18	22.73	2.25	22.36	2.29	22.06	2.32	21.26	2.39
		45	41	24.00	2.09	23.47	2.15	22.80	2.22	22.42	2.26	22.13	2.29	21.32	2.36
		47	43	24.03	2.07	23.49	2.14	22.82	2.21	22.45	2.25	22.15	2.28	21.35	2.35
		50	46	24.10	2.06	23.62	2.12	23.03	2.18	22.70	2.22	22.43	2.24	21.67	2.30
		55	51	24.22	2.04	23.82	2.09	23.38	2.14	23.11	2.16	22.89	2.18	22.22	2.23
		60	56	24.34	2.02	24.02	2.06	23.72	2.09	23.52	2.11	23.36	2.12	22.76	2.16
		63	59	24.41	2.01	24.14	2.04	23.93	2.07	23.77	2.08	23.64	2.09	23.09	2.11
		68	64	24.48	1.99	24.26	2.02	24.14	2.04	24.02	2.05	23.92	2.05	23.42	2.07
	9+9	-13	-13.4	19.08	2.08	18.66	2.15	18.12	2.22	17.83	2.26	17.59	2.29	16.95	2.36
		-4	-4.4	21.30	2.37	20.82	2.45	20.23	2.53	19.90	2.57	19.63	2.60	18.92	2.68
		0	-0.4	22.30	2.49	21.80	2.57	21.18	2.65	20.83	2.70	20.56	2.73	19.81	2.82
		5	4.5	23.55	2.63	23.02	2.72	22.37	2.81	22.00	2.86	21.71	2.89	20.92	2.98
		10	9	24.28	2.55	23.74	2.63	23.06	2.72	22.69	2.76	22.38	2.80	21.57	2.89
		17	15	25.26	2.49	24.70	2.57	23.99	2.65	23.60	2.70	23.29	2.73	22.44	2.82
		20	19	25.32	2.46	24.76	2.54	24.05	2.62	23.66	2.67	23.34	2.71	22.49	2.79
		25	23	25.38	2.44	24.82	2.52	24.11	2.60	23.71	2.64	23.40	2.68	22.55	2.76
		30	28	25.46	2.41	24.89	2.49	24.18	2.57	23.79	2.61	23.47	2.65	22.62	2.72
		35	32	25.52	2.38	24.95	2.46	24.24	2.54	23.84	2.58	23.53	2.62	22.67	2.70
		40	36	25.58	2.36	25.01	2.44	24.30	2.51	23.90	2.56	23.58	2.59	22.72	2.67
		45	41	25.66	2.33	25.09	2.40	24.37	2.48	23.97	2.52	23.65	2.56	22.79	2.63
		47	43	25.69	2.31	25.12	2.39	24.40	2.47	24.00	2.51	23.68	2.54	22.82	2.62
		50	46	25.77	2.30	25.25	2.37	24.62	2.44	24.26	2.47	23.98	2.50	23.17	2.57
		55	51	25.89	2.28	25.46	2.33	24.99	2.39	24.71	2.41	24.48	2.44	23.75	2.49
		60	56	26.02	2.25	25.68	2.29	25.36	2.34	25.15	2.35	24.97	2.37	24.33	2.41
		63	59	26.09	2.24	25.81	2.27	25.59	2.31	25.41	2.32	25.27	2.33	24.68	2.36
		68	64	26.17	2.22	25.94	2.25	25.81	2.28	25.68	2.28	25.57	2.29	25.04	2.31

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA181A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 2: KUMXA181A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7+12	-13	-13.4	19.08	2.08	18.66	2.15	18.12	2.22	17.83	2.26	17.59	2.29	16.95	2.36
		-4	-4.4	21.30	2.37	20.82	2.45	20.23	2.53	19.90	2.57	19.63	2.60	18.92	2.68
		0	-0.4	22.30	2.49	21.80	2.57	21.18	2.65	20.83	2.70	20.56	2.73	19.81	2.82
		5	4.5	23.55	2.63	23.02	2.72	22.37	2.81	22.00	2.86	21.71	2.89	20.92	2.98
		10	9	24.28	2.55	23.74	2.63	23.06	2.72	22.69	2.76	22.38	2.80	21.57	2.89
		17	15	25.26	2.49	24.70	2.57	23.99	2.65	23.60	2.70	23.29	2.73	22.44	2.82
		20	19	25.32	2.46	24.76	2.54	24.05	2.62	23.66	2.67	23.34	2.71	22.49	2.79
		25	23	25.38	2.44	24.82	2.52	24.11	2.60	23.71	2.64	23.40	2.68	22.55	2.76
		30	28	25.46	2.41	24.89	2.49	24.18	2.57	23.79	2.61	23.47	2.65	22.62	2.72
		35	32	25.52	2.38	24.95	2.46	24.24	2.54	23.84	2.58	23.53	2.62	22.67	2.70
		40	36	25.58	2.36	25.01	2.44	24.30	2.51	23.90	2.56	23.58	2.59	22.72	2.67
		45	41	25.66	2.33	25.09	2.40	24.37	2.48	23.97	2.52	23.65	2.56	22.79	2.63
		47	43	25.69	2.31	25.12	2.39	24.40	2.47	24.00	2.51	23.68	2.54	22.82	2.62
		50	46	25.77	2.30	25.25	2.37	24.62	2.44	24.26	2.47	23.98	2.50	23.17	2.57
		55	51	25.89	2.28	25.46	2.33	24.99	2.39	24.71	2.41	24.48	2.44	23.75	2.49
		60	56	26.02	2.25	25.68	2.29	25.36	2.34	25.15	2.35	24.97	2.37	24.33	2.41
		63	59	26.09	2.24	25.81	2.27	25.59	2.31	25.41	2.32	25.27	2.33	24.68	2.36
		68	64	26.17	2.22	25.94	2.25	25.81	2.28	25.68	2.28	25.57	2.29	25.04	2.31
	9+12	-13	-13.4	19.08	2.08	18.66	2.15	18.12	2.22	17.83	2.26	17.59	2.29	16.95	2.36
		-4	-4.4	21.30	2.37	20.82	2.45	20.23	2.53	19.90	2.57	19.63	2.60	18.92	2.68
		0	-0.4	22.30	2.49	21.80	2.57	21.18	2.65	20.83	2.70	20.56	2.73	19.81	2.82
		5	4.5	23.55	2.63	23.02	2.72	22.37	2.81	22.00	2.86	21.71	2.89	20.92	2.98
		10	9	24.28	2.55	23.74	2.63	23.06	2.72	22.69	2.76	22.38	2.80	21.57	2.89
		17	15	25.26	2.49	24.70	2.57	23.99	2.65	23.60	2.70	23.29	2.73	22.44	2.82
		20	19	25.32	2.46	24.76	2.54	24.05	2.62	23.66	2.67	23.34	2.71	22.49	2.79
		25	23	25.38	2.44	24.82	2.52	24.11	2.60	23.71	2.64	23.40	2.68	22.55	2.76
		30	28	25.46	2.41	24.89	2.49	24.18	2.57	23.79	2.61	23.47	2.65	22.62	2.72
		35	32	25.52	2.38	24.95	2.46	24.24	2.54	23.84	2.58	23.53	2.62	22.67	2.70
		40	36	25.58	2.36	25.01	2.44	24.30	2.51	23.90	2.56	23.58	2.59	22.72	2.67
		45	41	25.66	2.33	25.09	2.40	24.37	2.48	23.97	2.52	23.65	2.56	22.79	2.63
		47	43	25.69	2.31	25.12	2.39	24.40	2.47	24.00	2.51	23.68	2.54	22.82	2.62
		50	46	25.77	2.30	25.25	2.37	24.62	2.44	24.26	2.47	23.98	2.50	23.17	2.57
		55	51	25.89	2.28	25.46	2.33	24.99	2.39	24.71	2.41	24.48	2.44	23.75	2.49
		60	56	26.02	2.25	25.68	2.29	25.36	2.34	25.15	2.35	24.97	2.37	24.33	2.41
		63	59	26.09	2.24	25.81	2.27	25.59	2.31	25.41	2.32	25.27	2.33	24.68	2.36
		68	64	26.17	2.22	25.94	2.25	25.81	2.28	25.68	2.28	25.57	2.29	25.04	2.31
	7+15	-13	-13.4	19.08	2.08	18.66	2.15	18.12	2.22	17.83	2.26	17.59	2.29	16.95	2.36
		-4	-4.4	21.30	2.37	20.82	2.45	20.23	2.53	19.90	2.57	19.63	2.60	18.92	2.68
		0	-0.4	22.30	2.49	21.80	2.57	21.18	2.65	20.83	2.70	20.56	2.73	19.81	2.82
		5	4.5	23.55	2.63	23.02	2.72	22.37	2.81	22.00	2.86	21.71	2.89	20.92	2.98
		10	9	24.28	2.55	23.74	2.63	23.06	2.72	22.69	2.76	22.38	2.80	21.57	2.89
		17	15	25.26	2.49	24.70	2.57	23.99	2.65	23.60	2.70	23.29	2.73	22.44	2.82
		20	19	25.32	2.46	24.76	2.54	24.05	2.62	23.66	2.67	23.34	2.71	22.49	2.79
		25	23	25.38	2.44	24.82	2.52	24.11	2.60	23.71	2.64	23.40	2.68	22.55	2.76
		30	28	25.46	2.41	24.89	2.49	24.18	2.57	23.79	2.61	23.47	2.65	22.62	2.72
		35	32	25.52	2.38	24.95	2.46	24.24	2.54	23.84	2.58	23.53	2.62	22.67	2.70
		40	36	25.58	2.36	25.01	2.44	24.30	2.51	23.90	2.56	23.58	2.59	22.72	2.67
		45	41	25.66	2.33	25.09	2.40	24.37	2.48	23.97	2.52	23.65	2.56	22.79	2.63
		47	43	25.69	2.31	25.12	2.39	24.40	2.47	24.00	2.51	23.68	2.54	22.82	2.62
		50	46	25.77	2.30	25.25	2.37	24.62	2.44	24.26	2.47	23.98	2.50	23.17	2.57
		55	51	25.89	2.28	25.46	2.33	24.99	2.39	24.71	2.41	24.48	2.44	23.75	2.49
		60	56	26.02	2.25	25.68	2.29	25.36	2.34	25.15	2.35	24.97	2.37	24.33	2.41
		63	59	26.09	2.24	25.81	2.27	25.59	2.31	25.41	2.32	25.27	2.33	24.68	2.36
		68	64	26.17	2.22	25.94	2.25	25.81	2.28	25.68	2.28	25.57	2.29	25.04	2.31

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 3: KUMXA181A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9+15	-13	-13.4	19.08	2.08	18.66	2.15	18.12	2.22	17.83	2.26	17.59	2.29	16.95	2.36
		-4	-4.4	21.30	2.37	20.82	2.45	20.23	2.53	19.90	2.57	19.63	2.60	18.92	2.68
		0	-0.4	22.30	2.49	21.80	2.57	21.18	2.65	20.83	2.70	20.56	2.73	19.81	2.82
		5	4.5	23.55	2.63	23.02	2.72	22.37	2.81	22.00	2.86	21.71	2.89	20.92	2.98
		10	9	24.28	2.55	23.74	2.63	23.06	2.72	22.69	2.76	22.38	2.80	21.57	2.89
		17	15	25.26	2.49	24.70	2.57	23.99	2.65	23.60	2.70	23.29	2.73	22.44	2.82
		20	19	25.32	2.46	24.76	2.54	24.05	2.62	23.66	2.67	23.34	2.71	22.49	2.79
		25	23	25.38	2.44	24.82	2.52	24.11	2.60	23.71	2.64	23.40	2.68	22.55	2.76
		30	28	25.46	2.41	24.89	2.49	24.18	2.57	23.79	2.61	23.47	2.65	22.62	2.72
		35	32	25.52	2.38	24.95	2.46	24.24	2.54	23.84	2.58	23.53	2.62	22.67	2.70
		40	36	25.58	2.36	25.01	2.44	24.30	2.51	23.90	2.56	23.58	2.59	22.72	2.67
		45	41	25.66	2.33	25.09	2.40	24.37	2.48	23.97	2.52	23.65	2.56	22.79	2.63
		47	43	25.69	2.31	25.12	2.39	24.40	2.47	24.00	2.51	23.68	2.54	22.82	2.62
		50	46	25.77	2.30	25.25	2.37	24.62	2.44	24.26	2.47	23.98	2.50	23.17	2.57
		55	51	25.89	2.28	25.46	2.33	24.99	2.39	24.71	2.41	24.48	2.44	23.75	2.49
		60	56	26.02	2.25	25.68	2.29	25.36	2.34	25.15	2.35	24.97	2.37	24.33	2.41
		63	59	26.09	2.24	25.81	2.27	25.59	2.31	25.41	2.32	25.27	2.33	24.68	2.36
		68	64	26.17	2.22	25.94	2.25	25.81	2.28	25.68	2.28	25.57	2.29	25.04	2.31
	12+12	-13	-13.4	19.08	2.08	18.66	2.15	18.12	2.22	17.83	2.26	17.59	2.29	16.95	2.36
		-4	-4.4	21.30	2.37	20.82	2.45	20.23	2.53	19.90	2.57	19.63	2.60	18.92	2.68
		0	-0.4	22.30	2.49	21.80	2.57	21.18	2.65	20.83	2.70	20.56	2.73	19.81	2.82
		5	4.5	23.55	2.63	23.02	2.72	22.37	2.81	22.00	2.86	21.71	2.89	20.92	2.98
		10	9	24.28	2.55	23.74	2.63	23.06	2.72	22.69	2.76	22.38	2.80	21.57	2.89
		17	15	25.26	2.49	24.70	2.57	23.99	2.65	23.60	2.70	23.29	2.73	22.44	2.82
		20	19	25.32	2.46	24.76	2.54	24.05	2.62	23.66	2.67	23.34	2.71	22.49	2.79
		25	23	25.38	2.44	24.82	2.52	24.11	2.60	23.71	2.64	23.40	2.68	22.55	2.76
		30	28	25.46	2.41	24.89	2.49	24.18	2.57	23.79	2.61	23.47	2.65	22.62	2.72
		35	32	25.52	2.38	24.95	2.46	24.24	2.54	23.84	2.58	23.53	2.62	22.67	2.70
		40	36	25.58	2.36	25.01	2.44	24.30	2.51	23.90	2.56	23.58	2.59	22.72	2.67
		45	41	25.66	2.33	25.09	2.40	24.37	2.48	23.97	2.52	23.65	2.56	22.79	2.63
		47	43	25.69	2.31	25.12	2.39	24.40	2.47	24.00	2.51	23.68	2.54	22.82	2.62
		50	46	25.77	2.30	25.25	2.37	24.62	2.44	24.26	2.47	23.98	2.50	23.17	2.57
		55	51	25.89	2.28	25.46	2.33	24.99	2.39	24.71	2.41	24.48	2.44	23.75	2.49
		60	56	26.02	2.25	25.68	2.29	25.36	2.34	25.15	2.35	24.97	2.37	24.33	2.41
		63	59	26.09	2.24	25.81	2.27	25.59	2.31	25.41	2.32	25.27	2.33	24.68	2.36
		68	64	26.17	2.22	25.94	2.25	25.81	2.28	25.68	2.28	25.57	2.29	25.04	2.31

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA181A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 4: KUMXA181A Maximum Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9+9	-13	-13.4	19.08	2.23	18.66	2.30	18.12	2.38	17.83	2.42	17.59	2.45	16.95	2.52
		-4	-4.4	21.30	2.54	20.82	2.62	20.23	2.71	19.90	2.75	19.63	2.79	18.92	2.88
		0	-0.4	22.30	2.67	21.80	2.75	21.18	2.84	20.83	2.89	20.56	2.93	19.81	3.02
		5	4.5	23.55	2.82	23.02	2.92	22.37	3.01	22.00	3.06	21.71	3.10	20.92	3.20
		10	9	24.28	2.73	23.74	2.82	23.06	2.91	22.69	2.96	22.38	3.00	21.57	3.09
		17	15	25.26	2.67	24.70	2.75	23.99	2.84	23.60	2.89	23.29	2.93	22.44	3.02
		20	19	25.32	2.64	24.76	2.73	24.05	2.81	23.66	2.86	23.34	2.90	22.49	2.99
		25	23	25.38	2.61	24.82	2.70	24.11	2.78	23.71	2.83	23.40	2.87	22.55	2.96
		30	28	25.46	2.58	24.89	2.66	24.18	2.75	23.79	2.80	23.47	2.84	22.62	2.92
		35	32	25.52	2.55	24.95	2.64	24.24	2.72	23.84	2.77	23.53	2.81	22.67	2.89
		40	36	25.58	2.53	25.01	2.61	24.30	2.69	23.90	2.74	23.58	2.78	22.72	2.86
		45	41	25.66	2.49	25.09	2.58	24.37	2.66	23.97	2.70	23.65	2.74	22.79	2.82
		47	43	25.69	2.48	25.12	2.56	24.40	2.64	24.00	2.69	23.68	2.73	22.82	2.81
		50	46	25.77	2.46	25.25	2.54	24.62	2.61	24.26	2.65	23.98	2.68	23.17	2.76
		55	51	25.89	2.44	25.46	2.50	24.99	2.56	24.71	2.59	24.48	2.61	23.75	2.67
		60	56	26.02	2.41	25.68	2.46	25.36	2.50	25.15	2.52	24.97	2.54	24.33	2.58
		63	59	26.09	2.40	25.81	2.44	25.59	2.47	25.41	2.48	25.27	2.49	24.68	2.52
		68	64	26.17	2.38	25.94	2.41	25.81	2.44	25.68	2.45	25.57	2.45	25.04	2.47
	9+12*	-13	-13.4	19.08	2.23	18.66	2.30	18.12	2.38	17.83	2.42	17.59	2.45	16.95	2.52
		-4	-4.4	21.30	2.54	20.82	2.62	20.23	2.71	19.90	2.75	19.63	2.79	18.92	2.88
		0	-0.4	22.30	2.67	21.80	2.75	21.18	2.84	20.83	2.89	20.56	2.93	19.81	3.02
		5	4.5	23.55	2.82	23.02	2.92	22.37	3.01	22.00	3.06	21.71	3.10	20.92	3.20
		10	9	24.28	2.73	23.74	2.82	23.06	2.91	22.69	2.96	22.38	3.00	21.57	3.09
		17	15	25.26	2.67	24.70	2.75	23.99	2.84	23.60	2.89	23.29	2.93	22.44	3.02
		20	19	25.32	2.64	24.76	2.73	24.05	2.81	23.66	2.86	23.34	2.90	22.49	2.99
		25	23	25.38	2.61	24.82	2.70	24.11	2.78	23.71	2.83	23.40	2.87	22.55	2.96
		30	28	25.46	2.58	24.89	2.66	24.18	2.75	23.79	2.80	23.47	2.84	22.62	2.92
		35	32	25.52	2.55	24.95	2.64	24.24	2.72	23.84	2.77	23.53	2.81	22.67	2.89
		40	36	25.58	2.53	25.01	2.61	24.30	2.69	23.90	2.74	23.58	2.78	22.72	2.86
		45	41	25.66	2.49	25.09	2.58	24.37	2.66	23.97	2.70	23.65	2.74	22.79	2.82
		47	43	25.69	2.48	25.12	2.56	24.40	2.64	24.00	2.69	23.68	2.73	22.82	2.81
		50	46	25.77	2.46	25.25	2.54	24.62	2.61	24.26	2.65	23.98	2.68	23.17	2.76
		55	51	25.89	2.44	25.46	2.50	24.99	2.56	24.71	2.59	24.48	2.61	23.75	2.67
		60	56	26.02	2.41	25.68	2.46	25.36	2.50	25.15	2.52	24.97	2.54	24.33	2.58
		63	59	26.09	2.40	25.81	2.44	25.59	2.47	25.41	2.48	25.27	2.49	24.68	2.52
		68	64	26.17	2.38	25.94	2.41	25.81	2.44	25.68	2.45	25.57	2.45	25.04	2.47
	12*+12*	-13	-13.4	19.08	2.23	18.66	2.30	18.12	2.38	17.83	2.42	17.59	2.45	16.95	2.52
		-4	-4.4	21.30	2.54	20.82	2.62	20.23	2.71	19.90	2.75	19.63	2.79	18.92	2.88
		0	-0.4	22.30	2.67	21.80	2.75	21.18	2.84	20.83	2.89	20.56	2.93	19.81	3.02
		5	4.5	23.55	2.82	23.02	2.92	22.37	3.01	22.00	3.06	21.71	3.10	20.92	3.20
		10	9	24.28	2.73	23.74	2.82	23.06	2.91	22.69	2.96	22.38	3.00	21.57	3.09
		17	15	25.26	2.67	24.70	2.75	23.99	2.84	23.60	2.89	23.29	2.93	22.44	3.02
		20	19	25.32	2.64	24.76	2.73	24.05	2.81	23.66	2.86	23.34	2.90	22.49	2.99
		25	23	25.38	2.61	24.82	2.70	24.11	2.78	23.71	2.83	23.40	2.87	22.55	2.96
		30	28	25.46	2.58	24.89	2.66	24.18	2.75	23.79	2.80	23.47	2.84	22.62	2.92
		35	32	25.52	2.55	24.95	2.64	24.24	2.72	23.84	2.77	23.53	2.81	22.67	2.89
		40	36	25.58	2.53	25.01	2.61	24.30	2.69	23.90	2.74	23.58	2.78	22.72	2.86
		45	41	25.66	2.49	25.09	2.58	24.37	2.66	23.97	2.70	23.65	2.74	22.79	2.82
		47	43	25.69	2.48	25.12	2.56	24.40	2.64	24.00	2.69	23.68	2.73	22.82	2.81
		50	46	25.77	2.46	25.25	2.54	24.62	2.61	24.26	2.65	23.98	2.68	23.17	2.76
		55	51	25.89	2.44	25.46	2.50	24.99	2.56	24.71	2.59	24.48	2.61	23.75	2.67
		60	56	26.02	2.41	25.68	2.46	25.36	2.50	25.15	2.52	24.97	2.54	24.33	2.58
		63	59	26.09	2.40	25.81	2.44	25.59	2.47	25.41	2.48	25.27	2.49	24.68	2.52
		68	64	26.17	2.38	25.94	2.41	25.81	2.44	25.68	2.45	25.57	2.45	25.04	2.47

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 5: KUMXA181A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7+9	-13	-13.4	17.85	1.95	17.45	2.01	16.95	2.08	16.68	2.11	16.45	2.14	15.86	2.21
		-4	-4.4	19.92	2.22	19.48	2.29	18.92	2.37	18.61	2.41	18.37	2.44	17.70	2.51
		0	-0.4	20.86	2.33	20.39	2.41	19.81	2.48	19.49	2.52	19.23	2.56	18.53	2.64
		5	4.5	22.03	2.47	21.54	2.55	20.92	2.63	20.58	2.67	20.31	2.71	19.57	2.79
		10	9	22.72	2.39	22.21	2.46	21.57	2.54	21.22	2.59	20.94	2.62	20.18	2.70
		17	15	23.63	2.33	23.10	2.41	22.44	2.48	22.08	2.52	21.78	2.56	20.99	2.64
		20	19	23.69	2.31	23.16	2.38	22.50	2.46	22.13	2.50	21.84	2.53	21.04	2.61
		25	23	23.75	2.28	23.21	2.36	22.55	2.43	22.18	2.47	21.89	2.51	21.09	2.58
		30	28	23.82	2.25	23.28	2.33	22.62	2.40	22.25	2.44	21.95	2.48	21.16	2.55
		35	32	23.87	2.23	23.34	2.30	22.67	2.38	22.30	2.42	22.01	2.45	21.21	2.53
		40	36	23.93	2.21	23.40	2.28	22.73	2.35	22.36	2.39	22.06	2.43	21.26	2.50
		45	41	24.00	2.18	23.47	2.25	22.80	2.32	22.42	2.36	22.13	2.39	21.32	2.47
		47	43	24.03	2.17	23.49	2.24	22.82	2.31	22.45	2.35	22.15	2.38	21.35	2.45
		50	46	24.10	2.15	23.62	2.22	23.03	2.28	22.70	2.32	22.43	2.34	21.67	2.41
		55	51	24.22	2.13	23.82	2.18	23.38	2.23	23.11	2.26	22.89	2.28	22.22	2.33
		60	56	24.34	2.11	24.02	2.15	23.72	2.19	23.52	2.20	23.36	2.22	22.76	2.25
		63	59	24.41	2.09	24.14	2.13	23.93	2.16	23.77	2.17	23.64	2.18	23.09	2.21
		68	64	24.48	2.08	24.26	2.11	24.14	2.13	24.02	2.14	23.92	2.14	23.42	2.16
	9+9	-13	-13.4	19.08	2.15	18.66	2.23	18.12	2.30	17.83	2.34	17.59	2.37	16.95	2.44
		-4	-4.4	21.30	2.45	20.82	2.54	20.23	2.62	19.90	2.66	19.63	2.70	18.92	2.78
		0	-0.4	22.30	2.58	21.80	2.66	21.18	2.75	20.83	2.79	20.56	2.83	19.81	2.92
		5	4.5	23.55	2.73	23.02	2.82	22.37	2.91	22.00	2.96	21.71	3.00	20.92	3.09
		10	9	24.28	2.64	23.74	2.73	23.06	2.81	22.69	2.86	22.38	2.90	21.57	2.99
		17	15	25.26	2.58	24.70	2.66	23.99	2.75	23.60	2.79	23.29	2.83	22.44	2.92
		20	19	25.32	2.55	24.76	2.63	24.05	2.72	23.66	2.77	23.34	2.80	22.49	2.89
		25	23	25.38	2.52	24.82	2.61	24.11	2.69	23.71	2.74	23.40	2.78	22.55	2.86
		30	28	25.46	2.49	24.89	2.58	24.18	2.66	23.79	2.70	23.47	2.74	22.62	2.82
		35	32	25.52	2.47	24.95	2.55	24.24	2.63	23.84	2.68	23.53	2.71	22.67	2.79
		40	36	25.58	2.44	25.01	2.52	24.30	2.60	23.90	2.65	23.58	2.68	22.72	2.76
		45	41	25.66	2.41	25.09	2.49	24.37	2.57	23.97	2.61	23.65	2.65	22.79	2.73
		47	43	25.69	2.40	25.12	2.48	24.40	2.56	24.00	2.60	23.68	2.64	22.82	2.71
		50	46	25.77	2.38	25.25	2.45	24.62	2.52	24.26	2.56	23.98	2.59	23.17	2.66
		55	51	25.89	2.36	25.46	2.42	24.99	2.47	24.71	2.50	24.48	2.52	23.75	2.58
		60	56	26.02	2.33	25.68	2.38	25.36	2.42	25.15	2.44	24.97	2.45	24.33	2.49
		63	59	26.09	2.32	25.81	2.35	25.59	2.39	25.41	2.40	25.27	2.41	24.68	2.44
		68	64	26.17	2.30	25.94	2.33	25.81	2.36	25.68	2.36	25.57	2.37	25.04	2.39
	7+12	-13	-13.4	19.08	2.15	18.66	2.23	18.12	2.30	17.83	2.34	17.59	2.37	16.95	2.44
		-4	-4.4	21.30	2.45	20.82	2.54	20.23	2.62	19.90	2.66	19.63	2.70	18.92	2.78
		0	-0.4	22.30	2.58	21.80	2.66	21.18	2.75	20.83	2.79	20.56	2.83	19.81	2.92
		5	4.5	23.55	2.73	23.02	2.82	22.37	2.91	22.00	2.96	21.71	3.00	20.92	3.09
		10	9	24.28	2.64	23.74	2.73	23.06	2.81	22.69	2.86	22.38	2.90	21.57	2.99
		17	15	25.26	2.58	24.70	2.66	23.99	2.75	23.60	2.79	23.29	2.83	22.44	2.92
		20	19	25.32	2.55	24.76	2.63	24.05	2.72	23.66	2.77	23.34	2.80	22.49	2.89
		25	23	25.38	2.52	24.82	2.61	24.11	2.69	23.71	2.74	23.40	2.78	22.55	2.86
		30	28	25.46	2.49	24.89	2.58	24.18	2.66	23.79	2.70	23.47	2.74	22.62	2.82
		35	32	25.52	2.47	24.95	2.55	24.24	2.63	23.84	2.68	23.53	2.71	22.67	2.79
		40	36	25.58	2.44	25.01	2.52	24.30	2.60	23.90	2.65	23.58	2.68	22.72	2.76
		45	41	25.66	2.41	25.09	2.49	24.37	2.57	23.97	2.61	23.65	2.65	22.79	2.73
		47	43	25.69	2.40	25.12	2.48	24.40	2.56	24.00	2.60	23.68	2.64	22.82	2.71
		50	46	25.77	2.38	25.25	2.45	24.62	2.52	24.26	2.56	23.98	2.59	23.17	2.66
		55	51	25.89	2.36	25.46	2.42	24.99	2.47	24.71	2.50	24.48	2.52	23.75	2.58
		60	56	26.02	2.33	25.68	2.38	25.36	2.42	25.15	2.44	24.97	2.45	24.33	2.49
		63	59	26.09	2.32	25.81	2.35	25.59	2.39	25.41	2.40	25.27	2.41	24.68	2.44
		68	64	26.17	2.30	25.94	2.33	25.81	2.36	25.68	2.36	25.57	2.37	25.04	2.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA181A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 6: KUMXA181A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9+12*	-13	-13.4	19.08	2.15	18.66	2.23	18.12	2.30	17.83	2.34	17.59	2.37	16.95	2.44
		-4	-4.4	21.30	2.45	20.82	2.54	20.23	2.62	19.90	2.66	19.63	2.70	18.92	2.78
		0	-0.4	22.30	2.58	21.80	2.66	21.18	2.75	20.83	2.79	20.56	2.83	19.81	2.92
		5	4.5	23.55	2.73	23.02	2.82	22.37	2.91	22.00	2.96	21.71	3.00	20.92	3.09
		10	9	24.28	2.64	23.74	2.73	23.06	2.81	22.69	2.86	22.38	2.90	21.57	2.99
		17	15	25.26	2.58	24.70	2.66	23.99	2.75	23.60	2.79	23.29	2.83	22.44	2.92
		20	19	25.32	2.55	24.76	2.63	24.05	2.72	23.66	2.77	23.34	2.80	22.49	2.89
		25	23	25.38	2.52	24.82	2.61	24.11	2.69	23.71	2.74	23.40	2.78	22.55	2.86
		30	28	25.46	2.49	24.89	2.58	24.18	2.66	23.79	2.70	23.47	2.74	22.62	2.82
		35	32	25.52	2.47	24.95	2.55	24.24	2.63	23.84	2.68	23.53	2.71	22.67	2.79
		40	36	25.58	2.44	25.01	2.52	24.30	2.60	23.90	2.65	23.58	2.68	22.72	2.76
		45	41	25.66	2.41	25.09	2.49	24.37	2.57	23.97	2.61	23.65	2.65	22.79	2.73
		47	43	25.69	2.40	25.12	2.48	24.40	2.56	24.00	2.60	23.68	2.64	22.82	2.71
		50	46	25.77	2.38	25.25	2.45	24.62	2.52	24.26	2.56	23.98	2.59	23.17	2.66
		55	51	25.89	2.36	25.46	2.42	24.99	2.47	24.71	2.50	24.48	2.52	23.75	2.58
		60	56	26.02	2.33	25.68	2.38	25.36	2.42	25.15	2.44	24.97	2.45	24.33	2.49
		63	59	26.09	2.32	25.81	2.35	25.59	2.39	25.41	2.40	25.27	2.41	24.68	2.44
		68	64	26.17	2.30	25.94	2.33	25.81	2.36	25.68	2.36	25.57	2.37	25.04	2.39
	9*+15	-13	-13.4	19.08	2.15	18.66	2.23	18.12	2.30	17.83	2.34	17.59	2.37	16.95	2.44
		-4	-4.4	21.30	2.45	20.82	2.54	20.23	2.62	19.90	2.66	19.63	2.70	18.92	2.78
		0	-0.4	22.30	2.58	21.80	2.66	21.18	2.75	20.83	2.79	20.56	2.83	19.81	2.92
		5	4.5	23.55	2.73	23.02	2.82	22.37	2.91	22.00	2.96	21.71	3.00	20.92	3.09
		10	9	24.28	2.64	23.74	2.73	23.06	2.81	22.69	2.86	22.38	2.90	21.57	2.99
		17	15	25.26	2.58	24.70	2.66	23.99	2.75	23.60	2.79	23.29	2.83	22.44	2.92
		20	19	25.32	2.55	24.76	2.63	24.05	2.72	23.66	2.77	23.34	2.80	22.49	2.89
		25	23	25.38	2.52	24.82	2.61	24.11	2.69	23.71	2.74	23.40	2.78	22.55	2.86
		30	28	25.46	2.49	24.89	2.58	24.18	2.66	23.79	2.70	23.47	2.74	22.62	2.82
		35	32	25.52	2.47	24.95	2.55	24.24	2.63	23.84	2.68	23.53	2.71	22.67	2.79
		40	36	25.58	2.44	25.01	2.52	24.30	2.60	23.90	2.65	23.58	2.68	22.72	2.76
		45	41	25.66	2.41	25.09	2.49	24.37	2.57	23.97	2.61	23.65	2.65	22.79	2.73
		47	43	25.69	2.40	25.12	2.48	24.40	2.56	24.00	2.60	23.68	2.64	22.82	2.71
		50	46	25.77	2.38	25.25	2.45	24.62	2.52	24.26	2.56	23.98	2.59	23.17	2.66
		55	51	25.89	2.36	25.46	2.42	24.99	2.47	24.71	2.50	24.48	2.52	23.75	2.58
		60	56	26.02	2.33	25.68	2.38	25.36	2.42	25.15	2.44	24.97	2.45	24.33	2.49
		63	59	26.09	2.32	25.81	2.35	25.59	2.39	25.41	2.40	25.27	2.41	24.68	2.44
		68	64	26.17	2.30	25.94	2.33	25.81	2.36	25.68	2.36	25.57	2.37	25.04	2.39
	12*+12*	-13	-13.4	19.08	2.15	18.66	2.23	18.12	2.30	17.83	2.34	17.59	2.37	16.95	2.44
		-4	-4.4	21.30	2.45	20.82	2.54	20.23	2.62	19.90	2.66	19.63	2.70	18.92	2.78
		0	-0.4	22.30	2.58	21.80	2.66	21.18	2.75	20.83	2.79	20.56	2.83	19.81	2.92
		5	4.5	23.55	2.73	23.02	2.82	22.37	2.91	22.00	2.96	21.71	3.00	20.92	3.09
		10	9	24.28	2.64	23.74	2.73	23.06	2.81	22.69	2.86	22.38	2.90	21.57	2.99
		17	15	25.26	2.58	24.70	2.66	23.99	2.75	23.60	2.79	23.29	2.83	22.44	2.92
		20	19	25.32	2.55	24.76	2.63	24.05	2.72	23.66	2.77	23.34	2.80	22.49	2.89
		25	23	25.38	2.52	24.82	2.61	24.11	2.69	23.71	2.74	23.40	2.78	22.55	2.86
		30	28	25.46	2.49	24.89	2.58	24.18	2.66	23.79	2.70	23.47	2.74	22.62	2.82
		35	32	25.52	2.47	24.95	2.55	24.24	2.63	23.84	2.68	23.53	2.71	22.67	2.79
		40	36	25.58	2.44	25.01	2.52	24.30	2.60	23.90	2.65	23.58	2.68	22.72	2.76
		45	41	25.66	2.41	25.09	2.49	24.37	2.57	23.97	2.61	23.65	2.65	22.79	2.73
		47	43	25.69	2.40	25.12	2.48	24.40	2.56	24.00	2.60	23.68	2.64	22.82	2.71
		50	46	25.77	2.38	25.25	2.45	24.62	2.52	24.26	2.56	23.98	2.59	23.17	2.66
		55	51	25.89	2.36	25.46	2.42	24.99	2.47	24.71	2.50	24.48	2.52	23.75	2.58
		60	56	26.02	2.33	25.68	2.38	25.36	2.42	25.15	2.44	24.97	2.45	24.33	2.49
		63	59	26.09	2.32	25.81	2.35	25.59	2.39	25.41	2.40	25.27	2.41	24.68	2.44
		68	64	26.17	2.30	25.94	2.33	25.81	2.36	25.68	2.36	25.57	2.37	25.04	2.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 7: KUMXA241A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7+7	-13	-13.4	13.13	2.22	12.83	2.29	12.47	2.36	12.26	2.40	12.10	2.44	11.66	2.51
		-4	-4.4	16.57	2.59	16.20	2.67	15.74	2.76	15.48	2.80	15.28	2.84	14.72	2.93
		0	-0.4	16.99	2.61	16.61	2.70	16.14	2.78	15.88	2.83	15.67	2.87	15.10	2.95
		5	4.5	17.52	2.64	17.13	2.73	16.64	2.81	16.37	2.86	16.15	2.90	15.56	2.99
		10	9	18.24	2.56	17.83	2.65	17.32	2.73	17.04	2.78	16.81	2.82	16.20	2.90
		17	15	19.20	2.51	18.77	2.59	18.24	2.67	17.94	2.72	17.70	2.75	17.06	2.84
		20	19	19.46	2.47	19.03	2.56	18.49	2.64	18.18	2.68	17.94	2.72	17.29	2.80
		25	23	19.72	2.44	19.28	2.52	18.73	2.60	18.43	2.65	18.18	2.68	17.52	2.76
		30	28	20.05	2.40	19.60	2.48	19.04	2.56	18.73	2.60	18.48	2.64	17.81	2.72
		35	32	20.31	2.37	19.85	2.45	19.29	2.52	18.97	2.57	18.72	2.60	18.04	2.68
		40	36	20.57	2.33	20.11	2.41	19.53	2.49	19.22	2.53	18.96	2.57	18.27	2.64
		45	41	20.89	2.29	20.43	2.37	19.84	2.45	19.52	2.49	19.26	2.52	18.56	2.60
		47	43	21.02	2.28	20.55	2.35	19.97	2.43	19.64	2.47	19.38	2.50	18.67	2.58
		50	46	21.09	2.26	20.66	2.33	20.15	2.40	19.86	2.43	19.62	2.46	18.96	2.53
		55	51	21.19	2.24	20.84	2.29	20.45	2.35	20.22	2.38	20.03	2.40	19.44	2.45
	7+9	60	56	21.29	2.22	21.01	2.26	20.76	2.30	20.58	2.32	20.44	2.33	19.91	2.37
		63	59	21.35	2.20	21.12	2.24	20.94	2.27	20.79	2.28	20.68	2.29	20.20	2.32
		68	64	21.41	2.19	21.23	2.21	21.12	2.24	21.01	2.25	20.93	2.25	20.49	2.27
		-13	-13.4	15.00	2.32	14.67	2.40	14.25	2.48	14.02	2.52	13.83	2.55	13.33	2.63
		-4	-4.4	18.95	2.71	18.52	2.80	17.99	2.89	17.70	2.94	17.46	2.98	16.83	3.07
		0	-0.4	19.43	2.74	18.99	2.83	18.45	2.92	18.15	2.97	17.91	3.01	17.26	3.10
		5	4.5	20.03	2.77	19.58	2.86	19.02	2.95	18.71	3.00	18.46	3.04	17.79	3.13
		10	9	20.85	2.69	20.39	2.78	19.80	2.86	19.48	2.91	19.22	2.95	18.52	3.04
		17	15	21.95	2.63	21.46	2.71	20.85	2.80	20.51	2.85	20.23	2.89	19.50	2.98
		20	19	22.25	2.59	21.75	2.68	21.13	2.77	20.78	2.81	20.51	2.85	19.76	2.94
		25	23	22.55	2.56	22.04	2.64	21.41	2.73	21.06	2.78	20.78	2.81	20.03	2.90
		30	28	22.92	2.52	22.40	2.60	21.76	2.68	21.41	2.73	21.12	2.77	20.36	2.85
		35	32	23.21	2.48	22.70	2.56	22.05	2.65	21.69	2.69	21.40	2.73	20.62	2.81
		40	36	23.51	2.45	22.99	2.53	22.33	2.61	21.96	2.65	21.67	2.69	20.88	2.77
		45	41	23.88	2.41	23.35	2.48	22.68	2.56	22.31	2.61	22.01	2.64	21.21	2.72
		47	43	24.03	2.39	23.49	2.47	22.82	2.55	22.45	2.59	22.15	2.63	21.35	2.70
	9+9	50	46	24.10	2.37	23.62	2.44	23.03	2.52	22.70	2.55	22.43	2.58	21.67	2.65
		55	51	24.22	2.35	23.82	2.41	23.38	2.46	23.11	2.49	22.89	2.51	22.22	2.57
		60	56	24.34	2.32	24.02	2.37	23.72	2.41	23.52	2.43	23.36	2.44	22.76	2.48
		63	59	24.41	2.31	24.14	2.35	23.93	2.38	23.77	2.39	23.64	2.40	23.09	2.43
		68	64	24.48	2.29	24.26	2.32	24.14	2.35	24.02	2.36	23.92	2.36	23.42	2.38
		-13	-13.4	16.91	2.49	16.53	2.58	16.06	2.66	15.80	2.71	15.59	2.74	15.02	2.82
		-4	-4.4	21.35	2.91	20.87	3.01	20.28	3.10	19.95	3.16	19.68	3.20	18.97	3.30
		0	-0.4	21.89	2.94	21.40	3.03	20.79	3.13	20.45	3.19	20.18	3.23	19.45	3.33
		5	4.5	22.57	2.97	22.06	3.07	21.43	3.17	21.08	3.22	20.80	3.26	20.05	3.36
		10	9	23.50	2.88	22.97	2.98	22.32	3.07	21.95	3.13	21.66	3.17	20.87	3.26
		17	15	24.74	2.82	24.19	2.91	23.49	3.01	23.11	3.06	22.80	3.10	21.97	3.19
		20	19	25.07	2.78	24.51	2.88	23.81	2.97	23.42	3.02	23.11	3.06	22.27	3.15
		25	23	25.41	2.75	24.84	2.84	24.13	2.93	23.74	2.98	23.42	3.02	22.57	3.11
		30	28	25.83	2.70	25.25	2.79	24.53	2.88	24.13	2.93	23.81	2.97	22.94	3.06
		35	32	26.16	2.66	25.58	2.75	24.85	2.84	24.44	2.89	24.12	2.93	23.24	3.02
		40	36	26.50	2.63	25.90	2.71	25.16	2.80	24.75	2.85	24.42	2.89	23.54	2.98
		45	41	26.91	2.58	26.31	2.67	25.56	2.75	25.14	2.80	24.81	2.84	23.91	2.92
		47	43	27.08	2.56	26.48	2.65	25.72	2.73	25.30	2.78	24.96	2.82	24.06	2.90
		50	46	27.16	2.55	26.61	2.62	25.95	2.70	25.58	2.74	25.28	2.77	24.42	2.85
		55	51	27.29	2.52	26.84	2.58	26.35	2.64	26.04	2.67	25.80	2.70	25.04	2.76
		60	56	27.43	2.49	27.07	2.54	26.74	2.59	26.51	2.61	26.32	2.62	25.65	2.66
		63	59	27.51	2.48	27.21	2.52	26.97	2.55	26.79	2.57	26.64	2.58	26.02	2.61
		68	64	27.59	2.46	27.34	2.49	27.21	2.52	27.07	2.53	26.96	2.53	26.39	2.56

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 8: KUMXA241A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7+12	-13	-13.4	16.91	2.49	16.53	2.58	16.06	2.66	15.80	2.71	15.59	2.74	15.02	2.82
		-4	-4.4	21.35	2.91	20.87	3.01	20.28	3.10	19.95	3.16	19.68	3.20	18.97	3.30
		0	-0.4	21.89	2.94	21.40	3.03	20.79	3.13	20.45	3.19	20.18	3.23	19.45	3.33
		5	4.5	22.57	2.97	22.06	3.07	21.43	3.17	21.08	3.22	20.80	3.26	20.05	3.36
		10	9	23.50	2.88	22.97	2.98	22.32	3.07	21.95	3.13	21.66	3.17	20.87	3.26
		17	15	24.74	2.82	24.19	2.91	23.49	3.01	23.11	3.06	22.80	3.10	21.97	3.19
		20	19	25.07	2.78	24.51	2.88	23.81	2.97	23.42	3.02	23.11	3.06	22.27	3.15
		25	23	25.41	2.75	24.84	2.84	24.13	2.93	23.74	2.98	23.42	3.02	22.57	3.11
		30	28	25.83	2.70	25.25	2.79	24.53	2.88	24.13	2.93	23.81	2.97	22.94	3.06
		35	32	26.16	2.66	25.58	2.75	24.85	2.84	24.44	2.89	24.12	2.93	23.24	3.02
		40	36	26.50	2.63	25.90	2.71	25.16	2.80	24.75	2.85	24.42	2.89	23.54	2.98
		45	41	26.91	2.58	26.31	2.67	25.56	2.75	25.14	2.80	24.81	2.84	23.91	2.92
		47	43	27.08	2.56	26.48	2.65	25.72	2.73	25.30	2.78	24.96	2.82	24.06	2.90
		50	46	27.16	2.55	26.61	2.62	25.95	2.70	25.58	2.74	25.28	2.77	24.42	2.85
		55	51	27.29	2.52	26.84	2.58	26.35	2.64	26.04	2.67	25.80	2.70	25.04	2.76
		60	56	27.43	2.49	27.07	2.54	26.74	2.59	26.51	2.61	26.32	2.62	25.65	2.66
		63	59	27.51	2.48	27.21	2.52	26.97	2.55	26.79	2.57	26.64	2.58	26.02	2.61
		68	64	27.59	2.46	27.34	2.49	27.21	2.52	27.07	2.53	26.96	2.53	26.39	2.56
	9+12	-13	-13.4	17.92	2.60	17.52	2.69	17.02	2.77	16.74	2.82	16.52	2.86	15.92	2.95
		-4	-4.4	22.63	3.04	22.13	3.14	21.50	3.24	21.14	3.29	20.86	3.34	20.10	3.44
		0	-0.4	23.21	3.06	22.69	3.16	22.04	3.27	21.68	3.32	21.39	3.37	20.61	3.47
		5	4.5	23.92	3.10	23.39	3.20	22.72	3.30	22.35	3.36	22.05	3.41	21.25	3.51
		10	9	24.91	3.01	24.35	3.11	23.66	3.21	23.27	3.26	22.96	3.31	22.13	3.41
		17	15	26.22	2.94	25.64	3.04	24.91	3.14	24.50	3.19	24.17	3.23	23.29	3.33
		20	19	26.58	2.90	25.99	3.00	25.24	3.10	24.83	3.15	24.50	3.19	23.61	3.29
		25	23	26.93	2.87	26.33	2.96	25.58	3.06	25.16	3.11	24.83	3.15	23.92	3.24
		30	28	27.38	2.82	26.77	2.91	26.00	3.00	25.58	3.06	25.24	3.10	24.32	3.19
		35	32	27.73	2.78	27.11	2.87	26.34	2.96	25.91	3.01	25.56	3.06	24.63	3.15
		40	36	28.09	2.74	27.46	2.83	26.68	2.92	26.24	2.97	25.89	3.01	24.95	3.10
		45	41	28.53	2.69	27.89	2.78	27.10	2.87	26.65	2.92	26.30	2.96	25.34	3.05
		47	43	28.71	2.67	28.07	2.76	27.27	2.85	26.82	2.90	26.46	2.94	25.50	3.03
		50	46	28.79	2.66	28.21	2.74	27.51	2.82	27.12	2.86	26.80	2.89	25.89	2.97
		55	51	28.93	2.63	28.45	2.69	27.93	2.76	27.61	2.79	27.35	2.81	26.54	2.87
		60	56	29.07	2.60	28.70	2.65	28.34	2.70	28.10	2.72	27.91	2.74	27.19	2.78
		63	59	29.16	2.58	28.84	2.63	28.59	2.67	28.40	2.68	28.24	2.69	27.58	2.72
		68	64	29.24	2.57	28.99	2.60	28.84	2.63	28.69	2.64	28.58	2.64	27.98	2.67
	7+15	-13	-13.4	18.61	2.67	18.20	2.75	17.68	2.84	17.39	2.89	17.16	2.93	16.53	3.02
		-4	-4.4	23.50	3.11	22.98	3.21	22.32	3.32	21.96	3.37	21.66	3.42	20.88	3.52
		0	-0.4	24.10	3.14	23.56	3.24	22.89	3.35	22.51	3.40	22.21	3.45	21.41	3.55
		5	4.5	24.84	3.17	24.29	3.28	23.59	3.38	23.21	3.44	22.90	3.49	22.07	3.59
		10	9	25.87	3.08	25.29	3.18	24.57	3.28	24.16	3.34	23.84	3.39	22.98	3.49
		17	15	27.23	3.01	26.62	3.11	25.86	3.21	25.44	3.27	25.10	3.31	24.19	3.41
		20	19	27.60	2.97	26.98	3.07	26.21	3.17	25.78	3.23	25.44	3.27	24.52	3.37
		25	23	27.97	2.93	27.34	3.03	26.56	3.13	26.13	3.18	25.78	3.23	24.84	3.32
		30	28	28.43	2.89	27.79	2.98	27.00	3.08	26.56	3.13	26.21	3.17	25.25	3.27
		35	32	28.80	2.85	28.15	2.94	27.35	3.03	26.90	3.09	26.55	3.13	25.58	3.22
		40	36	29.17	2.81	28.51	2.90	27.70	2.99	27.25	3.04	26.89	3.09	25.91	3.18
		45	41	29.63	2.76	28.97	2.85	28.14	2.94	27.68	2.99	27.31	3.03	26.32	3.12
		47	43	29.81	2.74	29.15	2.83	28.31	2.92	27.85	2.97	27.48	3.01	26.48	3.10
		50	46	29.90	2.72	29.30	2.80	28.57	2.88	28.16	2.93	27.83	2.96	26.89	3.04
		55	51	30.05	2.69	29.55	2.76	29.00	2.82	28.67	2.86	28.40	2.88	27.56	2.94
		60	56	30.19	2.66	29.80	2.72	29.43	2.77	29.18	2.79	28.98	2.80	28.24	2.85
		63	59	30.28	2.65	29.95	2.69	29.69	2.73	29.49	2.74	29.32	2.75	28.64	2.79
		68	64	30.37	2.63	30.10	2.66	29.95	2.69	29.80	2.70	29.67	2.71	29.05	2.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 9: KUMXA241A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9+15	-13	-13.4	20.85	2.77	20.39	2.86	19.80	2.96	19.48	3.01	19.22	3.05	18.52	3.14
		-4	-4.4	26.33	3.24	25.74	3.34	25.01	3.45	24.60	3.51	24.27	3.56	23.39	3.66
		0	-0.4	27.00	3.26	26.39	3.37	25.64	3.48	25.22	3.54	24.89	3.59	23.98	3.70
		5	4.5	27.83	3.30	27.21	3.41	26.43	3.52	26.00	3.58	25.65	3.63	24.72	3.74
		10	9	28.98	3.20	28.33	3.31	27.52	3.42	27.07	3.48	26.71	3.52	25.74	3.63
		17	15	30.51	3.14	29.83	3.24	28.97	3.34	28.50	3.40	28.12	3.45	27.10	3.55
		20	19	30.92	3.09	30.23	3.20	29.37	3.30	28.89	3.36	28.50	3.40	27.47	3.50
		25	23	31.33	3.05	30.63	3.15	29.76	3.26	29.27	3.31	28.88	3.36	27.83	3.46
		30	28	31.85	3.00	31.14	3.10	30.25	3.20	29.75	3.26	29.36	3.30	28.29	3.40
		35	32	32.26	2.96	31.54	3.06	30.64	3.16	30.14	3.21	29.74	3.26	28.66	3.35
		40	36	32.67	2.92	31.94	3.02	31.03	3.11	30.53	3.17	30.12	3.21	29.02	3.31
		45	41	33.19	2.87	32.45	2.96	31.52	3.06	31.01	3.11	30.60	3.15	29.48	3.25
		47	43	33.40	2.85	32.65	2.94	31.72	3.04	31.20	3.09	30.79	3.13	29.67	3.23
		50	46	33.50	2.83	32.82	2.92	32.01	3.00	31.54	3.05	31.17	3.08	30.12	3.16
		55	51	33.66	2.80	33.10	2.87	32.49	2.94	32.12	2.97	31.82	3.00	30.88	3.06
		60	56	33.82	2.77	33.38	2.83	32.97	2.88	32.69	2.90	32.46	2.92	31.63	2.96
		63	59	33.92	2.75	33.55	2.80	33.26	2.84	33.03	2.85	32.85	2.87	32.09	2.90
		68	64	34.02	2.74	33.72	2.77	33.55	2.80	33.38	2.81	33.24	2.82	32.55	2.84
	12+12	-13	-13.4	20.85	2.77	20.39	2.86	19.80	2.96	19.48	3.01	19.22	3.05	18.52	3.14
		-4	-4.4	26.33	3.24	25.74	3.34	25.01	3.45	24.60	3.51	24.27	3.56	23.39	3.66
		0	-0.4	27.00	3.26	26.39	3.37	25.64	3.48	25.22	3.54	24.89	3.59	23.98	3.70
		5	4.5	27.83	3.30	27.21	3.41	26.43	3.52	26.00	3.58	25.65	3.63	24.72	3.74
		10	9	28.98	3.20	28.33	3.31	27.52	3.42	27.07	3.48	26.71	3.52	25.74	3.63
		17	15	30.51	3.14	29.83	3.24	28.97	3.34	28.50	3.40	28.12	3.45	27.10	3.55
		20	19	30.92	3.09	30.23	3.20	29.37	3.30	28.89	3.36	28.50	3.40	27.47	3.50
		25	23	31.33	3.05	30.63	3.15	29.76	3.26	29.27	3.31	28.88	3.36	27.83	3.46
		30	28	31.85	3.00	31.14	3.10	30.25	3.20	29.75	3.26	29.36	3.30	28.29	3.40
		35	32	32.26	2.96	31.54	3.06	30.64	3.16	30.14	3.21	29.74	3.26	28.66	3.35
		40	36	32.67	2.92	31.94	3.02	31.03	3.11	30.53	3.17	30.12	3.21	29.02	3.31
		45	41	33.19	2.87	32.45	2.96	31.52	3.06	31.01	3.11	30.60	3.15	29.48	3.25
		47	43	33.40	2.85	32.65	2.94	31.72	3.04	31.20	3.09	30.79	3.13	29.67	3.23
		50	46	33.50	2.83	32.82	2.92	32.01	3.00	31.54	3.05	31.17	3.08	30.12	3.16
		55	51	33.66	2.80	33.10	2.87	32.49	2.94	32.12	2.97	31.82	3.00	30.88	3.06
		60	56	33.82	2.77	33.38	2.83	32.97	2.88	32.69	2.90	32.46	2.92	31.63	2.96
		63	59	33.92	2.75	33.55	2.80	33.26	2.84	33.03	2.85	32.85	2.87	32.09	2.90
		68	64	34.02	2.74	33.72	2.77	33.55	2.80	33.38	2.81	33.24	2.82	32.55	2.84
	7+18	-13	-13.4	20.85	2.77	20.39	2.86	19.80	2.96	19.48	3.01	19.22	3.05	18.52	3.14
		-4	-4.4	26.33	3.24	25.74	3.34	25.01	3.45	24.60	3.51	24.27	3.56	23.39	3.66
		0	-0.4	27.00	3.26	26.39	3.37	25.64	3.48	25.22	3.54	24.89	3.59	23.98	3.70
		5	4.5	27.83	3.30	27.21	3.41	26.43	3.52	26.00	3.58	25.65	3.63	24.72	3.74
		10	9	28.98	3.20	28.33	3.31	27.52	3.42	27.07	3.48	26.71	3.52	25.74	3.63
		17	15	30.51	3.14	29.83	3.24	28.97	3.34	28.50	3.40	28.12	3.45	27.10	3.55
		20	19	30.92	3.09	30.23	3.20	29.37	3.30	28.89	3.36	28.50	3.40	27.47	3.50
		25	23	31.33	3.05	30.63	3.15	29.76	3.26	29.27	3.31	28.88	3.36	27.83	3.46
		30	28	31.85	3.00	31.14	3.10	30.25	3.20	29.75	3.26	29.36	3.30	28.29	3.40
		35	32	32.26	2.96	31.54	3.06	30.64	3.16	30.14	3.21	29.74	3.26	28.66	3.35
		40	36	32.67	2.92	31.94	3.02	31.03	3.11	30.53	3.17	30.12	3.21	29.02	3.31
		45	41	33.19	2.87	32.45	2.96	31.52	3.06	31.01	3.11	30.60	3.15	29.48	3.25
		47	43	33.40	2.85	32.65	2.94	31.72	3.04	31.20	3.09	30.79	3.13	29.67	3.23
		50	46	33.50	2.83	32.82	2.92	32.01	3.00	31.54	3.05	31.17	3.08	30.12	3.16
		55	51	33.66	2.80	33.10	2.87	32.49	2.94	32.12	2.97	31.82	3.00	30.88	3.06
		60	56	33.82	2.77	33.38	2.83	32.97	2.88	32.69	2.90	32.46	2.92	31.63	2.96
		63	59	33.92	2.75	33.55	2.80	33.26	2.84	33.03	2.85	32.85	2.87	32.09	2.90
		68	64	34.02	2.74	33.72	2.77	33.55	2.80	33.38	2.81	33.24	2.82	32.55	2.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 10: KUMXA241A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9+18	-13	-13.4	20.85	2.77	20.39	2.86	19.80	2.96	19.48	3.01	19.22	3.05	18.52	3.14
		-4	-4.4	26.33	3.24	25.74	3.34	25.01	3.45	24.60	3.51	24.27	3.56	23.39	3.66
		0	-0.4	27.00	3.26	26.39	3.37	25.64	3.48	25.22	3.54	24.89	3.59	23.98	3.70
		5	4.5	27.83	3.30	27.21	3.41	26.43	3.52	26.00	3.58	25.65	3.63	24.72	3.74
		10	9	28.98	3.20	28.33	3.31	27.52	3.42	27.07	3.48	26.71	3.52	25.74	3.63
		17	15	30.51	3.14	29.83	3.24	28.97	3.34	28.50	3.40	28.12	3.45	27.10	3.55
		20	19	30.92	3.09	30.23	3.20	29.37	3.30	28.89	3.36	28.50	3.40	27.47	3.50
		25	23	31.33	3.05	30.63	3.15	29.76	3.26	29.27	3.31	28.88	3.36	27.83	3.46
		30	28	31.85	3.00	31.14	3.10	30.25	3.20	29.75	3.26	29.36	3.30	28.29	3.40
		35	32	32.26	2.96	31.54	3.06	30.64	3.16	30.14	3.21	29.74	3.26	28.66	3.35
		40	36	32.67	2.92	31.94	3.02	31.03	3.11	30.53	3.17	30.12	3.21	29.02	3.31
		45	41	33.19	2.87	32.45	2.96	31.52	3.06	31.01	3.11	30.60	3.15	29.48	3.25
		47	43	33.40	2.85	32.65	2.94	31.72	3.04	31.20	3.09	30.79	3.13	29.67	3.23
		50	46	33.50	2.83	32.82	2.92	32.01	3.00	31.54	3.05	31.17	3.08	30.12	3.16
		55	51	33.66	2.80	33.10	2.87	32.49	2.94	32.12	2.97	31.82	3.00	30.88	3.06
		60	56	33.82	2.77	33.38	2.83	32.97	2.88	32.69	2.90	32.46	2.92	31.63	2.96
		63	59	33.92	2.75	33.55	2.80	33.26	2.84	33.03	2.85	32.85	2.87	32.09	2.90
		68	64	34.02	2.74	33.72	2.77	33.55	2.80	33.38	2.81	33.24	2.82	32.55	2.84
	12+15	-13	-13.4	20.85	2.77	20.39	2.86	19.80	2.96	19.48	3.01	19.22	3.05	18.52	3.14
		-4	-4.4	26.33	3.24	25.74	3.34	25.01	3.45	24.60	3.51	24.27	3.56	23.39	3.66
		0	-0.4	27.00	3.26	26.39	3.37	25.64	3.48	25.22	3.54	24.89	3.59	23.98	3.70
		5	4.5	27.83	3.30	27.21	3.41	26.43	3.52	26.00	3.58	25.65	3.63	24.72	3.74
		10	9	28.98	3.20	28.33	3.31	27.52	3.42	27.07	3.48	26.71	3.52	25.74	3.63
		17	15	30.51	3.14	29.83	3.24	28.97	3.34	28.50	3.40	28.12	3.45	27.10	3.55
		20	19	30.92	3.09	30.23	3.20	29.37	3.30	28.89	3.36	28.50	3.40	27.47	3.50
		25	23	31.33	3.05	30.63	3.15	29.76	3.26	29.27	3.31	28.88	3.36	27.83	3.46
		30	28	31.85	3.00	31.14	3.10	30.25	3.20	29.75	3.26	29.36	3.30	28.29	3.40
		35	32	32.26	2.96	31.54	3.06	30.64	3.16	30.14	3.21	29.74	3.26	28.66	3.35
		40	36	32.67	2.92	31.94	3.02	31.03	3.11	30.53	3.17	30.12	3.21	29.02	3.31
		45	41	33.19	2.87	32.45	2.96	31.52	3.06	31.01	3.11	30.60	3.15	29.48	3.25
		47	43	33.40	2.85	32.65	2.94	31.72	3.04	31.20	3.09	30.79	3.13	29.67	3.23
		50	46	33.50	2.83	32.82	2.92	32.01	3.00	31.54	3.05	31.17	3.08	30.12	3.16
		55	51	33.66	2.80	33.10	2.87	32.49	2.94	32.12	2.97	31.82	3.00	30.88	3.06
		60	56	33.82	2.77	33.38	2.83	32.97	2.88	32.69	2.90	32.46	2.92	31.63	2.96
		63	59	33.92	2.75	33.55	2.80	33.26	2.84	33.03	2.85	32.85	2.87	32.09	2.90
		68	64	34.02	2.74	33.72	2.77	33.55	2.80	33.38	2.81	33.24	2.82	32.55	2.84
	12*+18	-13	-13.4	20.85	2.77	20.39	2.86	19.80	2.96	19.48	3.01	19.22	3.05	18.52	3.14
		-4	-4.4	26.33	3.24	25.74	3.34	25.01	3.45	24.60	3.51	24.27	3.56	23.39	3.66
		0	-0.4	27.00	3.26	26.39	3.37	25.64	3.48	25.22	3.54	24.89	3.59	23.98	3.70
		5	4.5	27.83	3.30	27.21	3.41	26.43	3.52	26.00	3.58	25.65	3.63	24.72	3.74
		10	9	28.98	3.20	28.33	3.31	27.52	3.42	27.07	3.48	26.71	3.52	25.74	3.63
		17	15	30.51	3.14	29.83	3.24	28.97	3.34	28.50	3.40	28.12	3.45	27.10	3.55
		20	19	30.92	3.09	30.23	3.20	29.37	3.30	28.89	3.36	28.50	3.40	27.47	3.50
		25	23	31.33	3.05	30.63	3.15	29.76	3.26	29.27	3.31	28.88	3.36	27.83	3.46
		30	28	31.85	3.00	31.14	3.10	30.25	3.20	29.75	3.26	29.36	3.30	28.29	3.40
		35	32	32.26	2.96	31.54	3.06	30.64	3.16	30.14	3.21	29.74	3.26	28.66	3.35
		40	36	32.67	2.92	31.94	3.02	31.03	3.11	30.53	3.17	30.12	3.21	29.02	3.31
		45	41	33.19	2.87	32.45	2.96	31.52	3.06	31.01	3.11	30.60	3.15	29.48	3.25
		47	43	33.40	2.85	32.65	2.94	31.72	3.04	31.20	3.09	30.79	3.13	29.67	3.23
		50	46	33.50	2.83	32.82	2.92	32.01	3.00	31.54	3.05	31.17	3.08	30.12	3.16
		55	51	33.66	2.80	33.10	2.87	32.49	2.94	32.12	2.97	31.82	3.00	30.88	3.06
		60	56	33.82	2.77	33.38	2.83	32.97	2.88	32.69	2.90	32.46	2.92	31.63	2.96
		63	59	33.92	2.75	33.55	2.80	33.26	2.84	33.03	2.85	32.85	2.87	32.09	2.90
		68	64	34.02	2.74	33.72	2.77	33.55	2.80	33.38	2.81	33.24	2.82	32.55	2.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 11: KUMXA241A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15+15	-13	-13.4	20.85	2.77	20.39	2.86	19.80	2.96	19.48	3.01	19.22	3.05	18.52	3.14
		-4	-4.4	26.33	3.24	25.74	3.34	25.01	3.45	24.60	3.51	24.27	3.56	23.39	3.66
		0	-0.4	27.00	3.26	26.39	3.37	25.64	3.48	25.22	3.54	24.89	3.59	23.98	3.70
		5	4.5	27.83	3.30	27.21	3.41	26.43	3.52	26.00	3.58	25.65	3.63	24.72	3.74
		10	9	28.98	3.20	28.33	3.31	27.52	3.42	27.07	3.48	26.71	3.52	25.74	3.63
		17	15	30.51	3.14	29.83	3.24	28.97	3.34	28.50	3.40	28.12	3.45	27.10	3.55
		20	19	30.92	3.09	30.23	3.20	29.37	3.30	28.89	3.36	28.50	3.40	27.47	3.50
		25	23	31.33	3.05	30.63	3.15	29.76	3.26	29.27	3.31	28.88	3.36	27.83	3.46
		30	28	31.85	3.00	31.14	3.10	30.25	3.20	29.75	3.26	29.36	3.30	28.29	3.40
		35	32	32.26	2.96	31.54	3.06	30.64	3.16	30.14	3.21	29.74	3.26	28.66	3.35
		40	36	32.67	2.92	31.94	3.02	31.03	3.11	30.53	3.17	30.12	3.21	29.02	3.31
		45	41	33.19	2.87	32.45	2.96	31.52	3.06	31.01	3.11	30.60	3.15	29.48	3.25
		47	43	33.40	2.85	32.65	2.94	31.72	3.04	31.20	3.09	30.79	3.13	29.67	3.23
		50	46	33.50	2.83	32.82	2.92	32.01	3.00	31.54	3.05	31.17	3.08	30.12	3.16
		55	51	33.66	2.80	33.10	2.87	32.49	2.94	32.12	2.97	31.82	3.00	30.88	3.06
		60	56	33.82	2.77	33.38	2.83	32.97	2.88	32.69	2.90	32.46	2.92	31.63	2.96
		63	59	33.92	2.75	33.55	2.80	33.26	2.84	33.03	2.85	32.85	2.87	32.09	2.90
		68	64	34.02	2.74	33.72	2.77	33.55	2.80	33.38	2.81	33.24	2.82	32.55	2.84
	15+18	-13	-13.4	20.85	2.77	20.39	2.86	19.80	2.96	19.48	3.01	19.22	3.05	18.52	3.14
		-4	-4.4	26.33	3.24	25.74	3.34	25.01	3.45	24.60	3.51	24.27	3.56	23.39	3.66
		0	-0.4	27.00	3.26	26.39	3.37	25.64	3.48	25.22	3.54	24.89	3.59	23.98	3.70
		5	4.5	27.83	3.30	27.21	3.41	26.43	3.52	26.00	3.58	25.65	3.63	24.72	3.74
		10	9	28.98	3.20	28.33	3.31	27.52	3.42	27.07	3.48	26.71	3.52	25.74	3.63
		17	15	30.51	3.14	29.83	3.24	28.97	3.34	28.50	3.40	28.12	3.45	27.10	3.55
		20	19	30.92	3.09	30.23	3.20	29.37	3.30	28.89	3.36	28.50	3.40	27.47	3.50
		25	23	31.33	3.05	30.63	3.15	29.76	3.26	29.27	3.31	28.88	3.36	27.83	3.46
		30	28	31.85	3.00	31.14	3.10	30.25	3.20	29.75	3.26	29.36	3.30	28.29	3.40
		35	32	32.26	2.96	31.54	3.06	30.64	3.16	30.14	3.21	29.74	3.26	28.66	3.35
		40	36	32.67	2.92	31.94	3.02	31.03	3.11	30.53	3.17	30.12	3.21	29.02	3.31
		45	41	33.19	2.87	32.45	2.96	31.52	3.06	31.01	3.11	30.60	3.15	29.48	3.25
		47	43	33.40	2.85	32.65	2.94	31.72	3.04	31.20	3.09	30.79	3.13	29.67	3.23
		50	46	33.50	2.83	32.82	2.92	32.01	3.00	31.54	3.05	31.17	3.08	30.12	3.16
		55	51	33.66	2.80	33.10	2.87	32.49	2.94	32.12	2.97	31.82	3.00	30.88	3.06
		60	56	33.82	2.77	33.38	2.83	32.97	2.88	32.69	2.90	32.46	2.92	31.63	2.96
		63	59	33.92	2.75	33.55	2.80	33.26	2.84	33.03	2.85	32.85	2.87	32.09	2.90
		68	64	34.02	2.74	33.72	2.77	33.55	2.80	33.38	2.81	33.24	2.82	32.55	2.84
Three (3) Non-Ducted Indoor Units	7+7+7	-13	-13.4	17.52	2.45	17.12	2.53	16.64	2.61	16.36	2.66	16.15	2.69	15.56	2.77
		-4	-4.4	22.12	2.86	21.62	2.95	21.01	3.05	20.66	3.10	20.39	3.14	19.65	3.24
		0	-0.4	22.68	2.88	22.17	2.98	21.54	3.07	21.19	3.13	20.91	3.17	20.15	3.27
		5	4.5	23.38	2.92	22.86	3.01	22.20	3.11	21.84	3.16	21.55	3.21	20.77	3.30
		10	9	24.34	2.83	23.80	2.93	23.12	3.02	22.74	3.07	22.44	3.11	21.62	3.21
		17	15	25.63	2.77	25.06	2.86	24.34	2.95	23.94	3.00	23.62	3.04	22.76	3.14
		20	19	25.97	2.73	25.39	2.82	24.67	2.91	24.27	2.96	23.94	3.00	23.07	3.10
		25	23	26.32	2.70	25.73	2.79	25.00	2.88	24.59	2.93	24.26	2.97	23.38	3.05
		30	28	26.76	2.65	26.16	2.74	25.41	2.83	24.99	2.88	24.66	2.92	23.77	3.00
		35	32	27.10	2.62	26.50	2.70	25.74	2.79	25.32	2.84	24.98	2.88	24.07	2.96
		40	36	27.45	2.58	26.84	2.67	26.07	2.75	25.64	2.80	25.30	2.84	24.38	2.92
		45	41	27.88	2.54	27.26	2.62	26.48	2.70	26.05	2.75	25.70	2.79	24.77	2.87
		47	43	28.06	2.52	27.43	2.60	26.65	2.68	26.21	2.73	25.86	2.77	24.92	2.85
		50	46	28.14	2.50	27.57	2.58	26.89	2.65	26.50	2.69	26.19	2.72	25.30	2.80
		55	51	28.28	2.48	27.81	2.54	27.29	2.60	26.98	2.63	26.73	2.65	25.94	2.71
		60	56	28.41	2.45	28.04	2.50	27.70	2.54	27.46	2.56	27.27	2.58	26.57	2.62
		63	59	28.50	2.43	28.18	2.47	27.94	2.51	27.75	2.52	27.60	2.53	26.96	2.56
		68	64	28.58	2.42	28.33	2.45	28.19	2.48	28.04	2.48	27.93	2.49	27.34	2.51

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 12: KUMXA241A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+7+9	-13	-13.4	19.18	2.53	18.75	2.61	18.22	2.70	17.92	2.74	17.68	2.78	17.04	2.87
		-4	-4.4	24.22	2.95	23.68	3.05	23.00	3.15	22.63	3.20	22.33	3.25	21.51	3.34
		0	-0.4	24.83	2.98	24.28	3.08	23.59	3.18	23.20	3.23	22.89	3.27	22.06	3.37
		5	4.5	25.60	3.01	25.03	3.11	24.31	3.21	23.92	3.27	23.60	3.31	22.74	3.41
		10	9	26.66	2.92	26.06	3.02	25.32	3.12	24.90	3.17	24.57	3.21	23.68	3.31
		17	15	28.06	2.86	27.44	2.96	26.65	3.05	26.22	3.10	25.87	3.14	24.93	3.24
		20	19	28.44	2.82	27.81	2.92	27.01	3.01	26.57	3.06	26.22	3.10	25.26	3.20
		25	23	28.82	2.79	28.18	2.88	27.37	2.97	26.93	3.02	26.57	3.06	25.60	3.16
		30	28	29.30	2.74	28.64	2.83	27.82	2.92	27.37	2.97	27.01	3.01	26.02	3.10
		35	32	29.68	2.70	29.01	2.79	28.18	2.88	27.72	2.93	27.36	2.97	26.36	3.06
		40	36	30.06	2.67	29.39	2.75	28.55	2.84	28.08	2.89	27.71	2.93	26.70	3.02
		45	41	30.53	2.62	29.85	2.71	29.00	2.79	28.52	2.84	28.14	2.88	27.12	2.97
		47	43	30.72	2.60	30.03	2.69	29.18	2.77	28.70	2.82	28.32	2.86	27.29	2.94
		50	46	30.81	2.58	30.19	2.66	29.44	2.74	29.02	2.78	28.67	2.81	27.71	2.89
		55	51	30.96	2.56	30.45	2.62	29.89	2.68	29.54	2.71	29.27	2.74	28.40	2.80
		60	56	31.11	2.53	30.71	2.58	30.33	2.63	30.07	2.65	29.86	2.66	29.10	2.70
		63	59	31.20	2.51	30.86	2.55	30.60	2.59	30.39	2.60	30.22	2.62	29.52	2.65
		68	64	31.29	2.50	31.02	2.53	30.86	2.56	30.71	2.57	30.58	2.57	29.94	2.59
	7+9+9	-13	-13.4	20.85	2.61	20.39	2.70	19.80	2.78	19.48	2.83	19.22	2.87	18.52	2.96
		-4	-4.4	26.33	3.05	25.74	3.15	25.01	3.25	24.60	3.30	24.27	3.35	23.39	3.45
		0	-0.4	27.00	3.07	26.39	3.18	25.64	3.28	25.22	3.33	24.89	3.38	23.98	3.48
		5	4.5	27.83	3.11	27.21	3.21	26.43	3.31	26.00	3.37	25.65	3.42	24.72	3.52
		10	9	28.98	3.02	28.33	3.12	27.52	3.22	27.07	3.27	26.71	3.32	25.74	3.42
		17	15	30.51	2.95	29.83	3.05	28.97	3.15	28.50	3.20	28.12	3.25	27.10	3.34
		20	19	30.92	2.91	30.23	3.01	29.37	3.11	28.89	3.16	28.50	3.20	27.47	3.30
		25	23	31.33	2.88	30.63	2.97	29.76	3.07	29.27	3.12	28.88	3.16	27.83	3.26
		30	28	31.85	2.83	31.14	2.92	30.25	3.01	29.75	3.07	29.36	3.11	28.29	3.20
		35	32	32.26	2.79	31.54	2.88	30.64	2.97	30.14	3.02	29.74	3.07	28.66	3.16
		40	36	32.67	2.75	31.94	2.84	31.03	2.93	30.53	2.98	30.12	3.02	29.02	3.11
		45	41	33.19	2.70	32.45	2.79	31.52	2.88	31.01	2.93	30.60	2.97	29.48	3.06
		47	43	33.40	2.68	32.65	2.77	31.72	2.86	31.20	2.91	30.79	2.95	29.67	3.04
		50	46	33.50	2.67	32.82	2.75	32.01	2.83	31.54	2.87	31.17	2.90	30.12	2.98
		55	51	33.66	2.64	33.10	2.70	32.49	2.77	32.12	2.80	31.82	2.82	30.88	2.88
		60	56	33.82	2.61	33.38	2.66	32.97	2.71	32.69	2.73	32.46	2.75	31.63	2.79
		63	59	33.92	2.59	33.55	2.63	33.26	2.67	33.03	2.69	32.85	2.70	32.09	2.73
		68	64	34.02	2.58	33.72	2.61	33.55	2.64	33.38	2.65	33.24	2.65	32.55	2.67
	7+7+12	-13	-13.4	20.85	2.61	20.39	2.70	19.80	2.78	19.48	2.83	19.22	2.87	18.52	2.96
		-4	-4.4	26.33	3.05	25.74	3.15	25.01	3.25	24.60	3.30	24.27	3.35	23.39	3.45
		0	-0.4	27.00	3.07	26.39	3.18	25.64	3.28	25.22	3.33	24.89	3.38	23.98	3.48
		5	4.5	27.83	3.11	27.21	3.21	26.43	3.31	26.00	3.37	25.65	3.42	24.72	3.52
		10	9	28.98	3.02	28.33	3.12	27.52	3.22	27.07	3.27	26.71	3.32	25.74	3.42
		17	15	30.51	2.95	29.83	3.05	28.97	3.15	28.50	3.20	28.12	3.25	27.10	3.34
		20	19	30.92	2.91	30.23	3.01	29.37	3.11	28.89	3.16	28.50	3.20	27.47	3.30
		25	23	31.33	2.88	30.63	2.97	29.76	3.07	29.27	3.12	28.88	3.16	27.83	3.26
		30	28	31.85	2.83	31.14	2.92	30.25	3.01	29.75	3.07	29.36	3.11	28.29	3.20
		35	32	32.26	2.79	31.54	2.88	30.64	2.97	30.14	3.02	29.74	3.07	28.66	3.16
		40	36	32.67	2.75	31.94	2.84	31.03	2.93	30.53	2.98	30.12	3.02	29.02	3.11
		45	41	33.19	2.70	32.45	2.79	31.52	2.88	31.01	2.93	30.60	2.97	29.48	3.06
		47	43	33.40	2.68	32.65	2.77	31.72	2.86	31.20	2.91	30.79	2.95	29.67	3.04
		50	46	33.50	2.67	32.82	2.75	32.01	2.83	31.54	2.87	31.17	2.90	30.12	2.98
		55	51	33.66	2.64	33.10	2.70	32.49	2.77	32.12	2.80	31.82	2.82	30.88	2.88
		60	56	33.82	2.61	33.38	2.66	32.97	2.71	32.69	2.73	32.46	2.75	31.63	2.79
		63	59	33.92	2.59	33.55	2.63	33.26	2.67	33.03	2.69	32.85	2.70	32.09	2.73
		68	64	34.02	2.58	33.72	2.61	33.55	2.64	33.38	2.65	33.24	2.65	32.55	2.67

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 13: KUMXA241A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9+9+9	-13	-13.4	20.85	2.61	20.39	2.70	19.80	2.78	19.48	2.83	19.22	2.87	18.52	2.96
		-4	-4.4	26.33	3.05	25.74	3.15	25.01	3.25	24.60	3.30	24.27	3.35	23.39	3.45
		0	-0.4	27.00	3.07	26.39	3.18	25.64	3.28	25.22	3.33	24.89	3.38	23.98	3.48
		5	4.5	27.83	3.11	27.21	3.21	26.43	3.31	26.00	3.37	25.65	3.42	24.72	3.52
		10	9	28.98	3.02	28.33	3.12	27.52	3.22	27.07	3.27	26.71	3.32	25.74	3.42
		17	15	30.51	2.95	29.83	3.05	28.97	3.15	28.50	3.20	28.12	3.25	27.10	3.34
		20	19	30.92	2.91	30.23	3.01	29.37	3.11	28.89	3.16	28.50	3.20	27.47	3.30
		25	23	31.33	2.88	30.63	2.97	29.76	3.07	29.27	3.12	28.88	3.16	27.83	3.26
		30	28	31.85	2.83	31.14	2.92	30.25	3.01	29.75	3.07	29.36	3.11	28.29	3.20
		35	32	32.26	2.79	31.54	2.88	30.64	2.97	30.14	3.02	29.74	3.07	28.66	3.16
		40	36	32.67	2.75	31.94	2.84	31.03	2.93	30.53	2.98	30.12	3.02	29.02	3.11
		45	41	33.19	2.70	32.45	2.79	31.52	2.88	31.01	2.93	30.60	2.97	29.48	3.06
		47	43	33.40	2.68	32.65	2.77	31.72	2.86	31.20	2.91	30.79	2.95	29.67	3.04
		50	46	33.50	2.67	32.82	2.75	32.01	2.83	31.54	2.87	31.17	2.90	30.12	2.98
		55	51	33.66	2.64	33.10	2.70	32.49	2.77	32.12	2.80	31.82	2.82	30.88	2.88
		60	56	33.82	2.61	33.38	2.66	32.97	2.71	32.69	2.73	32.46	2.75	31.63	2.79
		63	59	33.92	2.59	33.55	2.63	33.26	2.67	33.03	2.69	32.85	2.70	32.09	2.73
		68	64	34.02	2.58	33.72	2.61	33.55	2.64	33.38	2.65	33.24	2.65	32.55	2.67
	7+9+12	-13	-13.4	20.85	2.61	20.39	2.70	19.80	2.78	19.48	2.83	19.22	2.87	18.52	2.96
		-4	-4.4	26.33	3.05	25.74	3.15	25.01	3.25	24.60	3.30	24.27	3.35	23.39	3.45
		0	-0.4	27.00	3.07	26.39	3.18	25.64	3.28	25.22	3.33	24.89	3.38	23.98	3.48
		5	4.5	27.83	3.11	27.21	3.21	26.43	3.31	26.00	3.37	25.65	3.42	24.72	3.52
		10	9	28.98	3.02	28.33	3.12	27.52	3.22	27.07	3.27	26.71	3.32	25.74	3.42
		17	15	30.51	2.95	29.83	3.05	28.97	3.15	28.50	3.20	28.12	3.25	27.10	3.34
		20	19	30.92	2.91	30.23	3.01	29.37	3.11	28.89	3.16	28.50	3.20	27.47	3.30
		25	23	31.33	2.88	30.63	2.97	29.76	3.07	29.27	3.12	28.88	3.16	27.83	3.26
		30	28	31.85	2.83	31.14	2.92	30.25	3.01	29.75	3.07	29.36	3.11	28.29	3.20
		35	32	32.26	2.79	31.54	2.88	30.64	2.97	30.14	3.02	29.74	3.07	28.66	3.16
		40	36	32.67	2.75	31.94	2.84	31.03	2.93	30.53	2.98	30.12	3.02	29.02	3.11
		45	41	33.19	2.70	32.45	2.79	31.52	2.88	31.01	2.93	30.60	2.97	29.48	3.06
		47	43	33.40	2.68	32.65	2.77	31.72	2.86	31.20	2.91	30.79	2.95	29.67	3.04
		50	46	33.50	2.67	32.82	2.75	32.01	2.83	31.54	2.87	31.17	2.90	30.12	2.98
		55	51	33.66	2.64	33.10	2.70	32.49	2.77	32.12	2.80	31.82	2.82	30.88	2.88
		60	56	33.82	2.61	33.38	2.66	32.97	2.71	32.69	2.73	32.46	2.75	31.63	2.79
		63	59	33.92	2.59	33.55	2.63	33.26	2.67	33.03	2.69	32.85	2.70	32.09	2.73
		68	64	34.02	2.58	33.72	2.61	33.55	2.64	33.38	2.65	33.24	2.65	32.55	2.67
	7+7+15	-13	-13.4	20.85	2.61	20.39	2.70	19.80	2.78	19.48	2.83	19.22	2.87	18.52	2.96
		-4	-4.4	26.33	3.05	25.74	3.15	25.01	3.25	24.60	3.30	24.27	3.35	23.39	3.45
		0	-0.4	27.00	3.07	26.39	3.18	25.64	3.28	25.22	3.33	24.89	3.38	23.98	3.48
		5	4.5	27.83	3.11	27.21	3.21	26.43	3.31	26.00	3.37	25.65	3.42	24.72	3.52
		10	9	28.98	3.02	28.33	3.12	27.52	3.22	27.07	3.27	26.71	3.32	25.74	3.42
		17	15	30.51	2.95	29.83	3.05	28.97	3.15	28.50	3.20	28.12	3.25	27.10	3.34
		20	19	30.92	2.91	30.23	3.01	29.37	3.11	28.89	3.16	28.50	3.20	27.47	3.30
		25	23	31.33	2.88	30.63	2.97	29.76	3.07	29.27	3.12	28.88	3.16	27.83	3.26
		30	28	31.85	2.83	31.14	2.92	30.25	3.01	29.75	3.07	29.36	3.11	28.29	3.20
		35	32	32.26	2.79	31.54	2.88	30.64	2.97	30.14	3.02	29.74	3.07	28.66	3.16
		40	36	32.67	2.75	31.94	2.84	31.03	2.93	30.53	2.98	30.12	3.02	29.02	3.11
		45	41	33.19	2.70	32.45	2.79	31.52	2.88	31.01	2.93	30.60	2.97	29.48	3.06
		47	43	33.40	2.68	32.65	2.77	31.72	2.86	31.20	2.91	30.79	2.95	29.67	3.04
		50	46	33.50	2.67	32.82	2.75	32.01	2.83	31.54	2.87	31.17	2.90	30.12	2.98
		55	51	33.66	2.64	33.10	2.70	32.49	2.77	32.12	2.80	31.82	2.82	30.88	2.88
		60	56	33.82	2.61	33.38	2.66	32.97	2.71	32.69	2.73	32.46	2.75	31.63	2.79
		63	59	33.92	2.59	33.55	2.63	33.26	2.67	33.03	2.69	32.85	2.70	32.09	2.73
		68	64	34.02	2.58	33.72	2.61	33.55	2.64	33.38	2.65	33.24	2.65	32.55	2.67

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 14: KUMXA241A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9+9+12	-13	-13.4	20.85	2.61	20.39	2.70	19.80	2.78	19.48	2.83	19.22	2.87	18.52	2.96
		-4	-4.4	26.33	3.05	25.74	3.15	25.01	3.25	24.60	3.30	24.27	3.35	23.39	3.45
		0	-0.4	27.00	3.07	26.39	3.18	25.64	3.28	25.22	3.33	24.89	3.38	23.98	3.48
		5	4.5	27.83	3.11	27.21	3.21	26.43	3.31	26.00	3.37	25.65	3.42	24.72	3.52
		10	9	28.98	3.02	28.33	3.12	27.52	3.22	27.07	3.27	26.71	3.32	25.74	3.42
		17	15	30.51	2.95	29.83	3.05	28.97	3.15	28.50	3.20	28.12	3.25	27.10	3.34
		20	19	30.92	2.91	30.23	3.01	29.37	3.11	28.89	3.16	28.50	3.20	27.47	3.30
		25	23	31.33	2.88	30.63	2.97	29.76	3.07	29.27	3.12	28.88	3.16	27.83	3.26
		30	28	31.85	2.83	31.14	2.92	30.25	3.01	29.75	3.07	29.36	3.11	28.29	3.20
		35	32	32.26	2.79	31.54	2.88	30.64	2.97	30.14	3.02	29.74	3.07	28.66	3.16
		40	36	32.67	2.75	31.94	2.84	31.03	2.93	30.53	2.98	30.12	3.02	29.02	3.11
		45	41	33.19	2.70	32.45	2.79	31.52	2.88	31.01	2.93	30.60	2.97	29.48	3.06
		47	43	33.40	2.68	32.65	2.77	31.72	2.86	31.20	2.91	30.79	2.95	29.67	3.04
		50	46	33.50	2.67	32.82	2.75	32.01	2.83	31.54	2.87	31.17	2.90	30.12	2.98
		55	51	33.66	2.64	33.10	2.70	32.49	2.77	32.12	2.80	31.82	2.82	30.88	2.88
		60	56	33.82	2.61	33.38	2.66	32.97	2.71	32.69	2.73	32.46	2.75	31.63	2.79
		63	59	33.92	2.59	33.55	2.63	33.26	2.67	33.03	2.69	32.85	2.70	32.09	2.73
		68	64	34.02	2.58	33.72	2.61	33.55	2.64	33.38	2.65	33.24	2.65	32.55	2.67
	7+9+15	-13	-13.4	20.85	2.61	20.39	2.70	19.80	2.78	19.48	2.83	19.22	2.87	18.52	2.96
		-4	-4.4	26.33	3.05	25.74	3.15	25.01	3.25	24.60	3.30	24.27	3.35	23.39	3.45
		0	-0.4	27.00	3.07	26.39	3.18	25.64	3.28	25.22	3.33	24.89	3.38	23.98	3.48
		5	4.5	27.83	3.11	27.21	3.21	26.43	3.31	26.00	3.37	25.65	3.42	24.72	3.52
		10	9	28.98	3.02	28.33	3.12	27.52	3.22	27.07	3.27	26.71	3.32	25.74	3.42
		17	15	30.51	2.95	29.83	3.05	28.97	3.15	28.50	3.20	28.12	3.25	27.10	3.34
		20	19	30.92	2.91	30.23	3.01	29.37	3.11	28.89	3.16	28.50	3.20	27.47	3.30
		25	23	31.33	2.88	30.63	2.97	29.76	3.07	29.27	3.12	28.88	3.16	27.83	3.26
		30	28	31.85	2.83	31.14	2.92	30.25	3.01	29.75	3.07	29.36	3.11	28.29	3.20
		35	32	32.26	2.79	31.54	2.88	30.64	2.97	30.14	3.02	29.74	3.07	28.66	3.16
		40	36	32.67	2.75	31.94	2.84	31.03	2.93	30.53	2.98	30.12	3.02	29.02	3.11
		45	41	33.19	2.70	32.45	2.79	31.52	2.88	31.01	2.93	30.60	2.97	29.48	3.06
		47	43	33.40	2.68	32.65	2.77	31.72	2.86	31.20	2.91	30.79	2.95	29.67	3.04
		50	46	33.50	2.67	32.82	2.75	32.01	2.83	31.54	2.87	31.17	2.90	30.12	2.98
		55	51	33.66	2.64	33.10	2.70	32.49	2.77	32.12	2.80	31.82	2.82	30.88	2.88
		60	56	33.82	2.61	33.38	2.66	32.97	2.71	32.69	2.73	32.46	2.75	31.63	2.79
		63	59	33.92	2.59	33.55	2.63	33.26	2.67	33.03	2.69	32.85	2.70	32.09	2.73
		68	64	34.02	2.58	33.72	2.61	33.55	2.64	33.38	2.65	33.24	2.65	32.55	2.67
	7+12+12	-13	-13.4	20.85	2.61	20.39	2.70	19.80	2.78	19.48	2.83	19.22	2.87	18.52	2.96
		-4	-4.4	26.33	3.05	25.74	3.15	25.01	3.25	24.60	3.30	24.27	3.35	23.39	3.45
		0	-0.4	27.00	3.07	26.39	3.18	25.64	3.28	25.22	3.33	24.89	3.38	23.98	3.48
		5	4.5	27.83	3.11	27.21	3.21	26.43	3.31	26.00	3.37	25.65	3.42	24.72	3.52
		10	9	28.98	3.02	28.33	3.12	27.52	3.22	27.07	3.27	26.71	3.32	25.74	3.42
		17	15	30.51	2.95	29.83	3.05	28.97	3.15	28.50	3.20	28.12	3.25	27.10	3.34
		20	19	30.92	2.91	30.23	3.01	29.37	3.11	28.89	3.16	28.50	3.20	27.47	3.30
		25	23	31.33	2.88	30.63	2.97	29.76	3.07	29.27	3.12	28.88	3.16	27.83	3.26
		30	28	31.85	2.83	31.14	2.92	30.25	3.01	29.75	3.07	29.36	3.11	28.29	3.20
		35	32	32.26	2.79	31.54	2.88	30.64	2.97	30.14	3.02	29.74	3.07	28.66	3.16
		40	36	32.67	2.75	31.94	2.84	31.03	2.93	30.53	2.98	30.12	3.02	29.02	3.11
		45	41	33.19	2.70	32.45	2.79	31.52	2.88	31.01	2.93	30.60	2.97	29.48	3.06
		47	43	33.40	2.68	32.65	2.77	31.72	2.86	31.20	2.91	30.79	2.95	29.67	3.04
		50	46	33.50	2.67	32.82	2.75	32.01	2.83	31.54	2.87	31.17	2.90	30.12	2.98
		55	51	33.66	2.64	33.10	2.70	32.49	2.77	32.12	2.80	31.82	2.82	30.88	2.88
		60	56	33.82	2.61	33.38	2.66	32.97	2.71	32.69	2.73	32.46	2.75	31.63	2.79
		63	59	33.92	2.59	33.55	2.63	33.26	2.67	33.03	2.69	32.85	2.70	32.09	2.73
		68	64	34.02	2.58	33.72	2.61	33.55	2.64	33.38	2.65	33.24	2.65	32.55	2.67

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 15: KUMXA241A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+7+18	-13	-13.4	20.85	2.61	20.39	2.70	19.80	2.78	19.48	2.83	19.22	2.87	18.52	2.96
		-4	-4.4	26.33	3.05	25.74	3.15	25.01	3.25	24.60	3.30	24.27	3.35	23.39	3.45
		0	-0.4	27.00	3.07	26.39	3.18	25.64	3.28	25.22	3.33	24.89	3.38	23.98	3.48
		5	4.5	27.83	3.11	27.21	3.21	26.43	3.31	26.00	3.37	25.65	3.42	24.72	3.52
		10	9	28.98	3.02	28.33	3.12	27.52	3.22	27.07	3.27	26.71	3.32	25.74	3.42
		17	15	30.51	2.95	29.83	3.05	28.97	3.15	28.50	3.20	28.12	3.25	27.10	3.34
		20	19	30.92	2.91	30.23	3.01	29.37	3.11	28.89	3.16	28.50	3.20	27.47	3.30
		25	23	31.33	2.88	30.63	2.97	29.76	3.07	29.27	3.12	28.88	3.16	27.83	3.26
		30	28	31.85	2.83	31.14	2.92	30.25	3.01	29.75	3.07	29.36	3.11	28.29	3.20
		35	32	32.26	2.79	31.54	2.88	30.64	2.97	30.14	3.02	29.74	3.07	28.66	3.16
		40	36	32.67	2.75	31.94	2.84	31.03	2.93	30.53	2.98	30.12	3.02	29.02	3.11
		45	41	33.19	2.70	32.45	2.79	31.52	2.88	31.01	2.93	30.60	2.97	29.48	3.06
		47	43	33.40	2.68	32.65	2.77	31.72	2.86	31.20	2.91	30.79	2.95	29.67	3.04
		50	46	33.50	2.67	32.82	2.75	32.01	2.83	31.54	2.87	31.17	2.90	30.12	2.98
		55	51	33.66	2.64	33.10	2.70	32.49	2.77	32.12	2.80	31.82	2.82	30.88	2.88
		60	56	33.82	2.61	33.38	2.66	32.97	2.71	32.69	2.73	32.46	2.75	31.63	2.79
		63	59	33.92	2.59	33.55	2.63	33.26	2.67	33.03	2.69	32.85	2.70	32.09	2.73
		68	64	34.02	2.58	33.72	2.61	33.55	2.64	33.38	2.65	33.24	2.65	32.55	2.67
	9+9+15	-13	-13.4	20.85	2.61	20.39	2.70	19.80	2.78	19.48	2.83	19.22	2.87	18.52	2.96
		-4	-4.4	26.33	3.05	25.74	3.15	25.01	3.25	24.60	3.30	24.27	3.35	23.39	3.45
		0	-0.4	27.00	3.07	26.39	3.18	25.64	3.28	25.22	3.33	24.89	3.38	23.98	3.48
		5	4.5	27.83	3.11	27.21	3.21	26.43	3.31	26.00	3.37	25.65	3.42	24.72	3.52
		10	9	28.98	3.02	28.33	3.12	27.52	3.22	27.07	3.27	26.71	3.32	25.74	3.42
		17	15	30.51	2.95	29.83	3.05	28.97	3.15	28.50	3.20	28.12	3.25	27.10	3.34
		20	19	30.92	2.91	30.23	3.01	29.37	3.11	28.89	3.16	28.50	3.20	27.47	3.30
		25	23	31.33	2.88	30.63	2.97	29.76	3.07	29.27	3.12	28.88	3.16	27.83	3.26
		30	28	31.85	2.83	31.14	2.92	30.25	3.01	29.75	3.07	29.36	3.11	28.29	3.20
		35	32	32.26	2.79	31.54	2.88	30.64	2.97	30.14	3.02	29.74	3.07	28.66	3.16
		40	36	32.67	2.75	31.94	2.84	31.03	2.93	30.53	2.98	30.12	3.02	29.02	3.11
		45	41	33.19	2.70	32.45	2.79	31.52	2.88	31.01	2.93	30.60	2.97	29.48	3.06
		47	43	33.40	2.68	32.65	2.77	31.72	2.86	31.20	2.91	30.79	2.95	29.67	3.04
		50	46	33.50	2.67	32.82	2.75	32.01	2.83	31.54	2.87	31.17	2.90	30.12	2.98
		55	51	33.66	2.64	33.10	2.70	32.49	2.77	32.12	2.80	31.82	2.82	30.88	2.88
		60	56	33.82	2.61	33.38	2.66	32.97	2.71	32.69	2.73	32.46	2.75	31.63	2.79
		63	59	33.92	2.59	33.55	2.63	33.26	2.67	33.03	2.69	32.85	2.70	32.09	2.73
		68	64	34.02	2.58	33.72	2.61	33.55	2.64	33.38	2.65	33.24	2.65	32.55	2.67
	9+12+12	-13	-13.4	20.85	2.61	20.39	2.70	19.80	2.78	19.48	2.83	19.22	2.87	18.52	2.96
		-4	-4.4	26.33	3.05	25.74	3.15	25.01	3.25	24.60	3.30	24.27	3.35	23.39	3.45
		0	-0.4	27.00	3.07	26.39	3.18	25.64	3.28	25.22	3.33	24.89	3.38	23.98	3.48
		5	4.5	27.83	3.11	27.21	3.21	26.43	3.31	26.00	3.37	25.65	3.42	24.72	3.52
		10	9	28.98	3.02	28.33	3.12	27.52	3.22	27.07	3.27	26.71	3.32	25.74	3.42
		17	15	30.51	2.95	29.83	3.05	28.97	3.15	28.50	3.20	28.12	3.25	27.10	3.34
		20	19	30.92	2.91	30.23	3.01	29.37	3.11	28.89	3.16	28.50	3.20	27.47	3.30
		25	23	31.33	2.88	30.63	2.97	29.76	3.07	29.27	3.12	28.88	3.16	27.83	3.26
		30	28	31.85	2.83	31.14	2.92	30.25	3.01	29.75	3.07	29.36	3.11	28.29	3.20
		35	32	32.26	2.79	31.54	2.88	30.64	2.97	30.14	3.02	29.74	3.07	28.66	3.16
		40	36	32.67	2.75	31.94	2.84	31.03	2.93	30.53	2.98	30.12	3.02	29.02	3.11
		45	41	33.19	2.70	32.45	2.79	31.52	2.88	31.01	2.93	30.60	2.97	29.48	3.06
		47	43	33.40	2.68	32.65	2.77	31.72	2.86	31.20	2.91	30.79	2.95	29.67	3.04
		50	46	33.50	2.67	32.82	2.75	32.01	2.83	31.54	2.87	31.17	2.90	30.12	2.98
		55	51	33.66	2.64	33.10	2.70	32.49	2.77	32.12	2.80	31.82	2.82	30.88	2.88
		60	56	33.82	2.61	33.38	2.66	32.97	2.71	32.69	2.73	32.46	2.75	31.63	2.79
		63	59	33.92	2.59	33.55	2.63	33.26	2.67	33.03	2.69	32.85	2.70	32.09	2.73
		68	64	34.02	2.58	33.72	2.61	33.55	2.64	33.38	2.65	33.24	2.65	32.55	2.67

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 16: KUMXA241A Maximum Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9+9	-13	-13.4	16.21	2.55	15.85	2.63	15.39	2.71	15.14	2.76	14.94	2.80	14.40	2.88
		-4	-4.4	20.46	2.97	20.00	3.07	19.43	3.17	19.12	3.22	18.86	3.26	18.18	3.36
		0	-0.4	20.98	3.00	20.51	3.10	19.93	3.19	19.60	3.25	19.34	3.29	18.64	3.39
		5	4.5	21.63	3.03	21.14	3.13	20.54	3.23	20.20	3.29	19.94	3.33	19.21	3.43
		10	9	22.52	2.94	22.02	3.04	21.39	3.14	21.04	3.19	20.76	3.23	20.00	3.33
		17	15	23.71	2.88	23.18	2.97	22.51	3.07	22.15	3.12	21.85	3.16	21.06	3.26
		20	19	24.19	2.82	23.65	2.92	22.97	3.01	22.60	3.06	22.30	3.10	21.49	3.20
		25	23	24.67	2.77	24.12	2.86	23.43	2.95	23.05	3.01	22.74	3.05	21.91	3.14
		30	28	25.27	2.71	24.71	2.79	24.00	2.88	23.61	2.93	23.30	2.97	22.45	3.06
		35	32	25.76	2.65	25.18	2.74	24.46	2.83	24.06	2.88	23.74	2.92	22.88	3.00
		40	36	26.24	2.60	25.65	2.69	24.92	2.77	24.51	2.82	24.19	2.86	23.31	2.94
		45	41	26.84	2.53	26.24	2.62	25.49	2.70	25.07	2.75	24.74	2.79	23.84	2.87
		47	43	27.08	2.51	26.48	2.59	25.72	2.67	25.30	2.72	24.96	2.76	24.06	2.84
		50	46	27.16	2.49	26.61	2.57	25.95	2.64	25.58	2.68	25.28	2.71	24.42	2.79
		55	51	27.29	2.47	26.84	2.53	26.35	2.59	26.04	2.62	25.80	2.64	25.04	2.70
		60	56	27.43	2.44	27.07	2.49	26.74	2.53	26.51	2.55	26.32	2.57	25.65	2.61
		63	59	27.51	2.42	27.21	2.46	26.97	2.50	26.79	2.51	26.64	2.52	26.02	2.55
		68	64	27.59	2.41	27.34	2.44	27.21	2.47	27.07	2.47	26.96	2.48	26.39	2.50
	9+12	-13	-13.4	16.21	2.55	15.85	2.63	15.39	2.71	15.14	2.76	14.94	2.80	14.40	2.88
		-4	-4.4	20.46	2.97	20.00	3.07	19.43	3.17	19.12	3.22	18.86	3.26	18.18	3.36
		0	-0.4	20.98	3.00	20.51	3.10	19.93	3.19	19.60	3.25	19.34	3.29	18.64	3.39
		5	4.5	21.63	3.03	21.14	3.13	20.54	3.23	20.20	3.29	19.94	3.33	19.21	3.43
		10	9	22.52	2.94	22.02	3.04	21.39	3.14	21.04	3.19	20.76	3.23	20.00	3.33
		17	15	23.71	2.88	23.18	2.97	22.51	3.07	22.15	3.12	21.85	3.16	21.06	3.26
		20	19	24.19	2.82	23.65	2.92	22.97	3.01	22.60	3.06	22.30	3.10	21.49	3.20
		25	23	24.67	2.77	24.12	2.86	23.43	2.95	23.05	3.01	22.74	3.05	21.91	3.14
		30	28	25.27	2.71	24.71	2.79	24.00	2.88	23.61	2.93	23.30	2.97	22.45	3.06
		35	32	25.76	2.65	25.18	2.74	24.46	2.83	24.06	2.88	23.74	2.92	22.88	3.00
		40	36	26.24	2.60	25.65	2.69	24.92	2.77	24.51	2.82	24.19	2.86	23.31	2.94
		45	41	26.84	2.53	26.24	2.62	25.49	2.70	25.07	2.75	24.74	2.79	23.84	2.87
		47	43	27.08	2.51	26.48	2.59	25.72	2.67	25.30	2.72	24.96	2.76	24.06	2.84
		50	46	27.16	2.49	26.61	2.57	25.95	2.64	25.58	2.68	25.28	2.71	24.42	2.79
		55	51	27.29	2.47	26.84	2.53	26.35	2.59	26.04	2.62	25.80	2.64	25.04	2.70
		60	56	27.43	2.44	27.07	2.49	26.74	2.53	26.51	2.55	26.32	2.57	25.65	2.61
		63	59	27.51	2.42	27.21	2.46	26.97	2.50	26.79	2.51	26.64	2.52	26.02	2.55
		68	64	27.59	2.41	27.34	2.44	27.21	2.47	27.07	2.47	26.96	2.48	26.39	2.50
	12+12	-13	-13.4	18.45	2.59	18.04	2.68	17.52	2.76	17.24	2.81	17.01	2.85	16.39	2.93
		-4	-4.4	23.29	3.02	22.77	3.12	22.12	3.22	21.76	3.28	21.47	3.32	20.69	3.42
		0	-0.4	23.88	3.05	23.35	3.15	22.68	3.25	22.31	3.31	22.01	3.35	21.21	3.45
		5	4.5	24.62	3.09	24.07	3.19	23.38	3.29	23.00	3.35	22.69	3.39	21.87	3.49
		10	9	25.63	2.99	25.06	3.09	24.34	3.19	23.95	3.25	23.63	3.29	22.77	3.39
		17	15	26.99	2.93	26.38	3.03	25.63	3.12	25.21	3.18	24.87	3.22	23.97	3.32
		20	19	27.53	2.88	26.92	2.97	26.15	3.07	25.72	3.12	25.38	3.16	24.46	3.26
		25	23	28.08	2.82	27.46	2.92	26.67	3.01	26.24	3.06	25.89	3.10	24.95	3.20
		30	28	28.77	2.76	28.13	2.85	27.32	2.94	26.88	2.99	26.52	3.03	25.56	3.12
		35	32	29.32	2.70	28.66	2.79	27.84	2.88	27.39	2.93	27.03	2.97	26.04	3.06
		40	36	29.87	2.65	29.20	2.74	28.37	2.82	27.90	2.87	27.53	2.91	26.53	3.00
		45	41	30.55	2.58	29.87	2.67	29.02	2.75	28.54	2.80	28.16	2.84	27.14	2.92
		47	43	30.83	2.55	30.14	2.64	29.28	2.72	28.80	2.77	28.42	2.81	27.38	2.89
		50	46	30.92	2.54	30.30	2.61	29.55	2.69	29.12	2.73	28.77	2.76	27.80	2.84
		55	51	31.07	2.51	30.55	2.57	29.99	2.63	29.65	2.66	29.37	2.69	28.50	2.75
		60	56	31.22	2.48	30.81	2.53	30.44	2.58	30.18	2.60	29.97	2.61	29.20	2.65
		63	59	31.31	2.47	30.97	2.51	30.70	2.55	30.49	2.56	30.32	2.57	29.62	2.60
		68	64	31.40	2.45	31.13	2.48	30.97	2.51	30.81	2.52	30.69	2.53	30.04	2.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 17: KUMXA241A Maximum Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9+18	-13	-13.4	18.45	2.59	18.04	2.68	17.52	2.76	17.24	2.81	17.01	2.85	16.39	2.93
		-4	-4.4	23.29	3.02	22.77	3.12	22.12	3.22	21.76	3.28	21.47	3.32	20.69	3.42
		0	-0.4	23.88	3.05	23.35	3.15	22.68	3.25	22.31	3.31	22.01	3.35	21.21	3.45
		5	4.5	24.62	3.09	24.07	3.19	23.38	3.29	23.00	3.35	22.69	3.39	21.87	3.49
		10	9	25.63	2.99	25.06	3.09	24.34	3.19	23.95	3.25	23.63	3.29	22.77	3.39
		17	15	26.99	2.93	26.38	3.03	25.63	3.12	25.21	3.18	24.87	3.22	23.97	3.32
		20	19	27.53	2.88	26.92	2.97	26.15	3.07	25.72	3.12	25.38	3.16	24.46	3.26
		25	23	28.08	2.82	27.46	2.92	26.67	3.01	26.24	3.06	25.89	3.10	24.95	3.20
		30	28	28.77	2.76	28.13	2.85	27.32	2.94	26.88	2.99	26.52	3.03	25.56	3.12
		35	32	29.32	2.70	28.66	2.79	27.84	2.88	27.39	2.93	27.03	2.97	26.04	3.06
		40	36	29.87	2.65	29.20	2.74	28.37	2.82	27.90	2.87	27.53	2.91	26.53	3.00
		45	41	30.55	2.58	29.87	2.67	29.02	2.75	28.54	2.80	28.16	2.84	27.14	2.92
		47	43	30.83	2.55	30.14	2.64	29.28	2.72	28.80	2.77	28.42	2.81	27.38	2.89
		50	46	30.92	2.54	30.30	2.61	29.55	2.69	29.12	2.73	28.77	2.76	27.80	2.84
		55	51	31.07	2.51	30.55	2.57	29.99	2.63	29.65	2.66	29.37	2.69	28.50	2.75
		60	56	31.22	2.48	30.81	2.53	30.44	2.58	30.18	2.60	29.97	2.61	29.20	2.65
		63	59	31.31	2.47	30.97	2.51	30.70	2.55	30.49	2.56	30.32	2.57	29.62	2.60
		68	64	31.40	2.45	31.13	2.48	30.97	2.51	30.81	2.52	30.69	2.53	30.04	2.55
	12*+18*	-13	-13.4	18.45	2.59	18.04	2.68	17.52	2.76	17.24	2.81	17.01	2.85	16.39	2.93
		-4	-4.4	23.29	3.02	22.77	3.12	22.12	3.22	21.76	3.28	21.47	3.32	20.69	3.42
		0	-0.4	23.88	3.05	23.35	3.15	22.68	3.25	22.31	3.31	22.01	3.35	21.21	3.45
		5	4.5	24.62	3.09	24.07	3.19	23.38	3.29	23.00	3.35	22.69	3.39	21.87	3.49
		10	9	25.63	2.99	25.06	3.09	24.34	3.19	23.95	3.25	23.63	3.29	22.77	3.39
		17	15	26.99	2.93	26.38	3.03	25.63	3.12	25.21	3.18	24.87	3.22	23.97	3.32
		20	19	27.53	2.88	26.92	2.97	26.15	3.07	25.72	3.12	25.38	3.16	24.46	3.26
		25	23	28.08	2.82	27.46	2.92	26.67	3.01	26.24	3.06	25.89	3.10	24.95	3.20
		30	28	28.77	2.76	28.13	2.85	27.32	2.94	26.88	2.99	26.52	3.03	25.56	3.12
		35	32	29.32	2.70	28.66	2.79	27.84	2.88	27.39	2.93	27.03	2.97	26.04	3.06
		40	36	29.87	2.65	29.20	2.74	28.37	2.82	27.90	2.87	27.53	2.91	26.53	3.00
		45	41	30.55	2.58	29.87	2.67	29.02	2.75	28.54	2.80	28.16	2.84	27.14	2.92
		47	43	30.83	2.55	30.14	2.64	29.28	2.72	28.80	2.77	28.42	2.81	27.38	2.89
		50	46	30.92	2.54	30.30	2.61	29.55	2.69	29.12	2.73	28.77	2.76	27.80	2.84
		55	51	31.07	2.51	30.55	2.57	29.99	2.63	29.65	2.66	29.37	2.69	28.50	2.75
		60	56	31.22	2.48	30.81	2.53	30.44	2.58	30.18	2.60	29.97	2.61	29.20	2.65
		63	59	31.31	2.47	30.97	2.51	30.70	2.55	30.49	2.56	30.32	2.57	29.62	2.60
		68	64	31.40	2.45	31.13	2.48	30.97	2.51	30.81	2.52	30.69	2.53	30.04	2.55
Three (3) Ducted Indoor Units	9+9+9	-13	-13.4	18.45	2.59	18.04	2.68	17.52	2.76	17.24	2.81	17.01	2.85	16.39	2.93
		-4	-4.4	23.29	3.02	22.77	3.12	22.12	3.22	21.76	3.28	21.47	3.32	20.69	3.42
		0	-0.4	23.88	3.05	23.35	3.15	22.68	3.25	22.31	3.31	22.01	3.35	21.21	3.45
		5	4.5	24.62	3.09	24.07	3.19	23.38	3.29	23.00	3.35	22.69	3.39	21.87	3.49
		10	9	25.63	2.99	25.06	3.09	24.34	3.19	23.95	3.25	23.63	3.29	22.77	3.39
		17	15	26.99	2.93	26.38	3.03	25.63	3.12	25.21	3.18	24.87	3.22	23.97	3.32
		20	19	27.53	2.88	26.92	2.97	26.15	3.07	25.72	3.12	25.38	3.16	24.46	3.26
		25	23	28.08	2.82	27.46	2.92	26.67	3.01	26.24	3.06	25.89	3.10	24.95	3.20
		30	28	28.77	2.76	28.13	2.85	27.32	2.94	26.88	2.99	26.52	3.03	25.56	3.12
		35	32	29.32	2.70	28.66	2.79	27.84	2.88	27.39	2.93	27.03	2.97	26.04	3.06
		40	36	29.87	2.65	29.20	2.74	28.37	2.82	27.90	2.87	27.53	2.91	26.53	3.00
		45	41	30.55	2.58	29.87	2.67	29.02	2.75	28.54	2.80	28.16	2.84	27.14	2.92
		47	43	30.83	2.55	30.14	2.64	29.28	2.72	28.80	2.77	28.42	2.81	27.38	2.89
		50	46	30.92	2.54	30.30	2.61	29.55	2.69	29.12	2.73	28.77	2.76	27.80	2.84
		55	51	31.07	2.51	30.55	2.57	29.99	2.63	29.65	2.66	29.37	2.69	28.50	2.75
		60	56	31.22	2.48	30.81	2.53	30.44	2.58	30.18	2.60	29.97	2.61	29.20	2.65
		63	59	31.31	2.47	30.97	2.51	30.70	2.55	30.49	2.56	30.32	2.57	29.62	2.60
		68	64	31.40	2.45	31.13	2.48	30.97	2.51	30.81	2.52	30.69	2.53	30.04	2.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 18: KUMXA241A Maximum Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9+9*+12*	-13	-13.4	18.45	2.59	18.04	2.68	17.52	2.76	17.24	2.81	17.01	2.85	16.39	2.93
		-4	-4.4	23.29	3.02	22.77	3.12	22.12	3.22	21.76	3.28	21.47	3.32	20.69	3.42
		0	-0.4	23.88	3.05	23.35	3.15	22.68	3.25	22.31	3.31	22.01	3.35	21.21	3.45
		5	4.5	24.62	3.09	24.07	3.19	23.38	3.29	23.00	3.35	22.69	3.39	21.87	3.49
		10	9	25.63	2.99	25.06	3.09	24.34	3.19	23.95	3.25	23.63	3.29	22.77	3.39
		17	15	26.99	2.93	26.38	3.03	25.63	3.12	25.21	3.18	24.87	3.22	23.97	3.32
		20	19	27.53	2.88	26.92	2.97	26.15	3.07	25.72	3.12	25.38	3.16	24.46	3.26
		25	23	28.08	2.82	27.46	2.92	26.67	3.01	26.24	3.06	25.89	3.10	24.95	3.20
		30	28	28.77	2.76	28.13	2.85	27.32	2.94	26.88	2.99	26.52	3.03	25.56	3.12
		35	32	29.32	2.70	28.66	2.79	27.84	2.88	27.39	2.93	27.03	2.97	26.04	3.06
		40	36	29.87	2.65	29.20	2.74	28.37	2.82	27.90	2.87	27.53	2.91	26.53	3.00
		45	41	30.55	2.58	29.87	2.67	29.02	2.75	28.54	2.80	28.16	2.84	27.14	2.92
		47	43	30.83	2.55	30.14	2.64	29.28	2.72	28.80	2.77	28.42	2.81	27.38	2.89
		50	46	30.92	2.54	30.30	2.61	29.55	2.69	29.12	2.73	28.77	2.76	27.80	2.84
		55	51	31.07	2.51	30.55	2.57	29.99	2.63	29.65	2.66	29.37	2.69	28.50	2.75
		60	56	31.22	2.48	30.81	2.53	30.44	2.58	30.18	2.60	29.97	2.61	29.20	2.65
		63	59	31.31	2.47	30.97	2.51	30.70	2.55	30.49	2.56	30.32	2.57	29.62	2.60
		68	64	31.40	2.45	31.13	2.48	30.97	2.51	30.81	2.52	30.69	2.53	30.04	2.55
	9*+12*+12*	-13	-13.4	18.45	2.59	18.04	2.68	17.52	2.76	17.24	2.81	17.01	2.85	16.39	2.93
		-4	-4.4	23.29	3.02	22.77	3.12	22.12	3.22	21.76	3.28	21.47	3.32	20.69	3.42
		0	-0.4	23.88	3.05	23.35	3.15	22.68	3.25	22.31	3.31	22.01	3.35	21.21	3.45
		5	4.5	24.62	3.09	24.07	3.19	23.38	3.29	23.00	3.35	22.69	3.39	21.87	3.49
		10	9	25.63	2.99	25.06	3.09	24.34	3.19	23.95	3.25	23.63	3.29	22.77	3.39
		17	15	26.99	2.93	26.38	3.03	25.63	3.12	25.21	3.18	24.87	3.22	23.97	3.32
		20	19	27.53	2.88	26.92	2.97	26.15	3.07	25.72	3.12	25.38	3.16	24.46	3.26
		25	23	28.08	2.82	27.46	2.92	26.67	3.01	26.24	3.06	25.89	3.10	24.95	3.20
		30	28	28.77	2.76	28.13	2.85	27.32	2.94	26.88	2.99	26.52	3.03	25.56	3.12
		35	32	29.32	2.70	28.66	2.79	27.84	2.88	27.39	2.93	27.03	2.97	26.04	3.06
		40	36	29.87	2.65	29.20	2.74	28.37	2.82	27.90	2.87	27.53	2.91	26.53	3.00
		45	41	30.55	2.58	29.87	2.67	29.02	2.75	28.54	2.80	28.16	2.84	27.14	2.92
		47	43	30.83	2.55	30.14	2.64	29.28	2.72	28.80	2.77	28.42	2.81	27.38	2.89
		50	46	30.92	2.54	30.30	2.61	29.55	2.69	29.12	2.73	28.77	2.76	27.80	2.84
		55	51	31.07	2.51	30.55	2.57	29.99	2.63	29.65	2.66	29.37	2.69	28.50	2.75
		60	56	31.22	2.48	30.81	2.53	30.44	2.58	30.18	2.60	29.97	2.61	29.20	2.65
		63	59	31.31	2.47	30.97	2.51	30.70	2.55	30.49	2.56	30.32	2.57	29.62	2.60
		68	64	31.40	2.45	31.13	2.48	30.97	2.51	30.81	2.52	30.69	2.53	30.04	2.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 19: KUMXA241A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7+9	-13	-13.4	15.01	2.36	14.68	2.43	14.26	2.51	14.02	2.55	13.84	2.59	13.33	2.67
		-4	-4.4	18.95	2.75	18.52	2.84	17.99	2.93	17.70	2.98	17.47	3.02	16.83	3.11
		0	-0.4	19.43	2.77	18.99	2.86	18.45	2.96	18.15	3.01	17.91	3.05	17.26	3.14
		5	4.5	20.03	2.80	19.58	2.90	19.02	2.99	18.71	3.04	18.46	3.08	17.79	3.17
		10	9	20.85	2.71	20.38	2.80	19.80	2.89	19.48	2.94	19.22	2.98	18.52	3.07
		17	15	21.95	2.64	21.46	2.73	20.84	2.82	20.50	2.87	20.23	2.90	19.50	2.99
		20	19	22.25	2.60	21.75	2.69	21.13	2.77	20.78	2.82	20.51	2.86	19.76	2.95
		25	23	22.54	2.56	22.04	2.65	21.41	2.73	21.06	2.78	20.78	2.82	20.02	2.90
		30	28	22.92	2.51	22.40	2.59	21.76	2.68	21.41	2.72	21.12	2.76	20.36	2.84
		35	32	23.21	2.47	22.69	2.55	22.05	2.63	21.69	2.68	21.40	2.72	20.62	2.80
		40	36	23.51	2.43	22.99	2.51	22.33	2.59	21.96	2.64	21.67	2.67	20.88	2.75
		45	41	23.88	2.38	23.35	2.46	22.68	2.54	22.31	2.58	22.01	2.62	21.21	2.70
		47	43	24.03	2.36	23.49	2.44	22.82	2.52	22.45	2.56	22.15	2.59	21.35	2.67
		50	46	24.10	2.35	23.62	2.42	23.03	2.49	22.70	2.52	22.43	2.55	21.67	2.62
		55	51	24.22	2.32	23.82	2.38	23.38	2.43	23.11	2.46	22.89	2.48	22.22	2.54
		60	56	24.34	2.30	24.02	2.34	23.72	2.38	23.52	2.40	23.36	2.42	22.76	2.45
		63	59	24.41	2.28	24.14	2.32	23.93	2.35	23.77	2.36	23.64	2.37	23.09	2.40
		68	64	24.48	2.27	24.26	2.30	24.14	2.32	24.02	2.33	23.92	2.33	23.42	2.35
	9+9	-13	-13.4	16.92	2.56	16.54	2.64	16.07	2.73	15.80	2.77	15.59	2.81	15.03	2.90
		-4	-4.4	21.35	2.98	20.88	3.08	20.28	3.18	19.95	3.24	19.68	3.28	18.97	3.38
		0	-0.4	21.89	3.01	21.40	3.11	20.79	3.21	20.45	3.27	20.18	3.31	19.45	3.41
		5	4.5	22.57	3.04	22.06	3.15	21.43	3.25	21.08	3.30	20.80	3.35	20.05	3.45
		10	9	23.50	2.94	22.97	3.04	22.32	3.14	21.95	3.19	21.66	3.23	20.87	3.33
		17	15	24.73	2.87	24.18	2.96	23.49	3.06	23.11	3.11	22.80	3.15	21.97	3.25
		20	19	25.07	2.83	24.51	2.92	23.81	3.01	23.42	3.06	23.11	3.11	22.27	3.20
		25	23	25.41	2.78	24.84	2.87	24.13	2.97	23.73	3.02	23.42	3.06	22.57	3.15
		30	28	25.82	2.73	25.25	2.82	24.53	2.91	24.13	2.96	23.80	3.00	22.94	3.09
		35	32	26.16	2.68	25.58	2.77	24.84	2.86	24.44	2.91	24.11	2.95	23.24	3.04
		40	36	26.50	2.64	25.90	2.73	25.16	2.81	24.75	2.86	24.42	2.90	23.53	2.99
		45	41	26.91	2.59	26.31	2.67	25.56	2.76	25.14	2.80	24.81	2.84	23.91	2.93
		47	43	27.08	2.56	26.48	2.65	25.72	2.73	25.30	2.78	24.96	2.82	24.06	2.90
		50	46	27.16	2.55	26.61	2.62	25.95	2.70	25.58	2.74	25.28	2.77	24.42	2.85
		55	51	27.29	2.52	26.84	2.58	26.35	2.64	26.04	2.67	25.80	2.70	25.04	2.76
		60	56	27.43	2.49	27.07	2.54	26.74	2.59	26.51	2.61	26.32	2.62	25.65	2.66
		63	59	27.51	2.48	27.21	2.52	26.97	2.55	26.79	2.57	26.64	2.58	26.02	2.61
		68	64	27.59	2.46	27.34	2.49	27.21	2.52	27.07	2.53	26.96	2.53	26.39	2.56
	7+12	-13	-13.4	16.92	2.56	16.54	2.64	16.07	2.73	15.80	2.77	15.59	2.81	15.03	2.90
		-4	-4.4	21.35	2.98	20.88	3.08	20.28	3.18	19.95	3.24	19.68	3.28	18.97	3.38
		0	-0.4	21.89	3.01	21.40	3.11	20.79	3.21	20.45	3.27	20.18	3.31	19.45	3.41
		5	4.5	22.57	3.04	22.06	3.15	21.43	3.25	21.08	3.30	20.80	3.35	20.05	3.45
		10	9	23.50	2.94	22.97	3.04	22.32	3.14	21.95	3.19	21.66	3.23	20.87	3.33
		17	15	24.73	2.87	24.18	2.96	23.49	3.06	23.11	3.11	22.80	3.15	21.97	3.25
		20	19	25.07	2.83	24.51	2.92	23.81	3.01	23.42	3.06	23.11	3.11	22.27	3.20
		25	23	25.41	2.78	24.84	2.87	24.13	2.97	23.73	3.02	23.42	3.06	22.57	3.15
		30	28	25.82	2.73	25.25	2.82	24.53	2.91	24.13	2.96	23.80	3.00	22.94	3.09
		35	32	26.16	2.68	25.58	2.77	24.84	2.86	24.44	2.91	24.11	2.95	23.24	3.04
		40	36	26.50	2.64	25.90	2.73	25.16	2.81	24.75	2.86	24.42	2.90	23.53	2.99
		45	41	26.91	2.59	26.31	2.67	25.56	2.76	25.14	2.80	24.81	2.84	23.91	2.93
		47	43	27.08	2.56	26.48	2.65	25.72	2.73	25.30	2.78	24.96	2.82	24.06	2.90
		50	46	27.16	2.55	26.61	2.62	25.95	2.70	25.58	2.74	25.28	2.77	24.42	2.85
		55	51	27.29	2.52	26.84	2.58	26.35	2.64	26.04	2.67	25.80	2.70	25.04	2.76
		60	56	27.43	2.49	27.07	2.54	26.74	2.59	26.51	2.61	26.32	2.62	25.65	2.66
		63	59	27.51	2.48	27.21	2.52	26.97	2.55	26.79	2.57	26.64	2.58	26.02	2.61
		68	64	27.59	2.46	27.34	2.49	27.21	2.52	27.07	2.53	26.96	2.53	26.39	2.56

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 20: KUMXA241A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9+12	-13	-13.4	17.43	2.61	17.04	2.70	16.55	2.79	16.28	2.83	16.06	2.87	15.48	2.96
		-4	-4.4	21.99	3.05	21.50	3.15	20.89	3.25	20.55	3.31	20.27	3.35	19.54	3.45
		0	-0.4	22.55	3.08	22.05	3.18	21.42	3.28	21.07	3.34	20.79	3.38	20.03	3.48
		5	4.5	23.25	3.11	22.73	3.21	22.08	3.32	21.72	3.37	21.43	3.42	20.65	3.52
		10	9	24.20	3.01	23.66	3.11	22.99	3.21	22.61	3.26	22.31	3.30	21.50	3.40
		17	15	25.48	2.93	24.91	3.03	24.20	3.13	23.80	3.18	23.49	3.22	22.63	3.32
		20	19	25.82	2.89	25.25	2.98	24.52	3.08	24.12	3.13	23.80	3.17	22.94	3.27
		25	23	26.17	2.84	25.58	2.94	24.85	3.03	24.45	3.08	24.12	3.12	23.24	3.22
		30	28	26.60	2.79	26.01	2.88	25.26	2.97	24.85	3.02	24.52	3.06	23.63	3.15
		35	32	26.95	2.74	26.34	2.83	25.59	2.92	25.17	2.97	24.84	3.01	23.93	3.10
		40	36	27.29	2.70	26.68	2.79	25.92	2.88	25.50	2.92	25.16	2.96	24.24	3.05
		45	41	27.72	2.64	27.10	2.73	26.33	2.82	25.90	2.86	25.55	2.90	24.63	2.99
		47	43	27.90	2.62	27.27	2.71	26.49	2.79	26.06	2.84	25.71	2.88	24.78	2.97
		50	46	27.98	2.60	27.41	2.68	26.73	2.76	26.35	2.80	26.04	2.83	25.16	2.91
		55	51	28.11	2.57	27.65	2.64	27.14	2.70	26.83	2.73	26.58	2.76	25.79	2.82
		60	56	28.25	2.55	27.88	2.60	27.54	2.64	27.30	2.66	27.12	2.68	26.42	2.72
		63	59	28.33	2.53	28.02	2.57	27.78	2.61	27.59	2.62	27.44	2.63	26.80	2.67
		68	64	28.41	2.51	28.17	2.55	28.03	2.58	27.88	2.58	27.77	2.59	27.19	2.61
	9+15	-13	-13.4	20.06	2.67	19.61	2.76	19.05	2.84	18.74	2.89	18.49	2.93	17.82	3.02
		-4	-4.4	25.32	3.11	24.75	3.22	24.05	3.32	23.65	3.38	23.34	3.42	22.49	3.52
		0	-0.4	25.96	3.14	25.38	3.24	24.65	3.35	24.25	3.41	23.93	3.45	23.06	3.56
		5	4.5	26.76	3.18	26.16	3.28	25.42	3.39	25.00	3.44	24.67	3.49	23.77	3.60
		10	9	27.86	3.07	27.24	3.17	26.46	3.27	26.03	3.33	25.68	3.37	24.75	3.48
		17	15	29.33	2.99	28.67	3.09	27.86	3.19	27.40	3.25	27.04	3.29	26.05	3.39
		20	19	29.73	2.95	29.06	3.05	28.23	3.14	27.77	3.20	27.40	3.24	26.41	3.34
		25	23	30.13	2.90	29.45	3.00	28.61	3.09	28.14	3.15	27.77	3.19	26.76	3.29
		30	28	30.62	2.85	29.94	2.94	29.08	3.03	28.61	3.09	28.23	3.13	27.20	3.22
		35	32	31.02	2.80	30.33	2.89	29.46	2.98	28.98	3.04	28.59	3.08	27.55	3.17
		40	36	31.42	2.75	30.72	2.84	29.84	2.94	29.35	2.99	28.96	3.03	27.91	3.12
		45	41	31.91	2.70	31.20	2.79	30.31	2.88	29.81	2.92	29.42	2.96	28.35	3.05
		47	43	32.11	2.67	31.40	2.76	30.50	2.85	30.00	2.90	29.60	2.94	28.52	3.03
		50	46	32.21	2.66	31.56	2.74	30.78	2.82	30.33	2.86	29.97	2.89	28.96	2.97
		55	51	32.36	2.63	31.83	2.69	31.24	2.76	30.88	2.79	30.59	2.81	29.69	2.87
		60	56	32.52	2.60	32.10	2.65	31.70	2.70	31.43	2.72	31.22	2.74	30.42	2.78
		63	59	32.62	2.58	32.26	2.63	31.98	2.67	31.76	2.68	31.59	2.69	30.85	2.72
		68	64	32.71	2.57	32.42	2.60	32.26	2.63	32.10	2.64	31.96	2.64	31.30	2.67
	12+12	-13	-13.4	20.06	2.67	19.61	2.76	19.05	2.84	18.74	2.89	18.49	2.93	17.82	3.02
		-4	-4.4	25.32	3.11	24.75	3.22	24.05	3.32	23.65	3.38	23.34	3.42	22.49	3.52
		0	-0.4	25.96	3.14	25.38	3.24	24.65	3.35	24.25	3.41	23.93	3.45	23.06	3.56
		5	4.5	26.76	3.18	26.16	3.28	25.42	3.39	25.00	3.44	24.67	3.49	23.77	3.60
		10	9	27.86	3.07	27.24	3.17	26.46	3.27	26.03	3.33	25.68	3.37	24.75	3.48
		17	15	29.33	2.99	28.67	3.09	27.86	3.19	27.40	3.25	27.04	3.29	26.05	3.39
		20	19	29.73	2.95	29.06	3.05	28.23	3.14	27.77	3.20	27.40	3.24	26.41	3.34
		25	23	30.13	2.90	29.45	3.00	28.61	3.09	28.14	3.15	27.77	3.19	26.76	3.29
		30	28	30.62	2.85	29.94	2.94	29.08	3.03	28.61	3.09	28.23	3.13	27.20	3.22
		35	32	31.02	2.80	30.33	2.89	29.46	2.98	28.98	3.04	28.59	3.08	27.55	3.17
		40	36	31.42	2.75	30.72	2.84	29.84	2.94	29.35	2.99	28.96	3.03	27.91	3.12
		45	41	31.91	2.70	31.20	2.79	30.31	2.88	29.81	2.92	29.42	2.96	28.35	3.05
		47	43	32.11	2.67	31.40	2.76	30.50	2.85	30.00	2.90	29.60	2.94	28.52	3.03
		50	46	32.21	2.66	31.56	2.74	30.78	2.82	30.33	2.86	29.97	2.89	28.96	2.97
		55	51	32.36	2.63	31.83	2.69	31.24	2.76	30.88	2.79	30.59	2.81	29.69	2.87
		60	56	32.52	2.60	32.10	2.65	31.70	2.70	31.43	2.72	31.22	2.74	30.42	2.78
		63	59	32.62	2.58	32.26	2.63	31.98	2.67	31.76	2.68	31.59	2.69	30.85	2.72
		68	64	32.71	2.57	32.42	2.60	32.26	2.63	32.10	2.64	31.96	2.64	31.30	2.67

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 21: KUMXA241A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7+18	-13	-13.4	20.06	2.67	19.61	2.76	19.05	2.84	18.74	2.89	18.49	2.93	17.82	3.02
		-4	-4.4	25.32	3.11	24.75	3.22	24.05	3.32	23.65	3.38	23.34	3.42	22.49	3.52
		0	-0.4	25.96	3.14	25.38	3.24	24.65	3.35	24.25	3.41	23.93	3.45	23.06	3.56
		5	4.5	26.76	3.18	26.16	3.28	25.42	3.39	25.00	3.44	24.67	3.49	23.77	3.60
		10	9	27.86	3.07	27.24	3.17	26.46	3.27	26.03	3.33	25.68	3.37	24.75	3.48
		17	15	29.33	2.99	28.67	3.09	27.86	3.19	27.40	3.25	27.04	3.29	26.05	3.39
		20	19	29.73	2.95	29.06	3.05	28.23	3.14	27.77	3.20	27.40	3.24	26.41	3.34
		25	23	30.13	2.90	29.45	3.00	28.61	3.09	28.14	3.15	27.77	3.19	26.76	3.29
		30	28	30.62	2.85	29.94	2.94	29.08	3.03	28.61	3.09	28.23	3.13	27.20	3.22
		35	32	31.02	2.80	30.33	2.89	29.46	2.98	28.98	3.04	28.59	3.08	27.55	3.17
		40	36	31.42	2.75	30.72	2.84	29.84	2.94	29.35	2.99	28.96	3.03	27.91	3.12
		45	41	31.91	2.70	31.20	2.79	30.31	2.88	29.81	2.92	29.42	2.96	28.35	3.05
		47	43	32.11	2.67	31.40	2.76	30.50	2.85	30.00	2.90	29.60	2.94	28.52	3.03
		50	46	32.21	2.66	31.56	2.74	30.78	2.82	30.33	2.86	29.97	2.89	28.96	2.97
		55	51	32.36	2.63	31.83	2.69	31.24	2.76	30.88	2.79	30.59	2.81	29.69	2.87
		60	56	32.52	2.60	32.10	2.65	31.70	2.70	31.43	2.72	31.22	2.74	30.42	2.78
		63	59	32.62	2.58	32.26	2.63	31.98	2.67	31.76	2.68	31.59	2.69	30.85	2.72
		68	64	32.71	2.57	32.42	2.60	32.26	2.63	32.10	2.64	31.96	2.64	31.30	2.67
	9+18	-13	-13.4	20.06	2.67	19.61	2.76	19.05	2.84	18.74	2.89	18.49	2.93	17.82	3.02
		-4	-4.4	25.32	3.11	24.75	3.22	24.05	3.32	23.65	3.38	23.34	3.42	22.49	3.52
		0	-0.4	25.96	3.14	25.38	3.24	24.65	3.35	24.25	3.41	23.93	3.45	23.06	3.56
		5	4.5	26.76	3.18	26.16	3.28	25.42	3.39	25.00	3.44	24.67	3.49	23.77	3.60
		10	9	27.86	3.07	27.24	3.17	26.46	3.27	26.03	3.33	25.68	3.37	24.75	3.48
		17	15	29.33	2.99	28.67	3.09	27.86	3.19	27.40	3.25	27.04	3.29	26.05	3.39
		20	19	29.73	2.95	29.06	3.05	28.23	3.14	27.77	3.20	27.40	3.24	26.41	3.34
		25	23	30.13	2.90	29.45	3.00	28.61	3.09	28.14	3.15	27.77	3.19	26.76	3.29
		30	28	30.62	2.85	29.94	2.94	29.08	3.03	28.61	3.09	28.23	3.13	27.20	3.22
		35	32	31.02	2.80	30.33	2.89	29.46	2.98	28.98	3.04	28.59	3.08	27.55	3.17
		40	36	31.42	2.75	30.72	2.84	29.84	2.94	29.35	2.99	28.96	3.03	27.91	3.12
		45	41	31.91	2.70	31.20	2.79	30.31	2.88	29.81	2.92	29.42	2.96	28.35	3.05
		47	43	32.11	2.67	31.40	2.76	30.50	2.85	30.00	2.90	29.60	2.94	28.52	3.03
		50	46	32.21	2.66	31.56	2.74	30.78	2.82	30.33	2.86	29.97	2.89	28.96	2.97
		55	51	32.36	2.63	31.83	2.69	31.24	2.76	30.88	2.79	30.59	2.81	29.69	2.87
		60	56	32.52	2.60	32.10	2.65	31.70	2.70	31.43	2.72	31.22	2.74	30.42	2.78
		63	59	32.62	2.58	32.26	2.63	31.98	2.67	31.76	2.68	31.59	2.69	30.85	2.72
		68	64	32.71	2.57	32.42	2.60	32.26	2.63	32.10	2.64	31.96	2.64	31.30	2.67
	12+15	-13	-13.4	20.06	2.67	19.61	2.76	19.05	2.84	18.74	2.89	18.49	2.93	17.82	3.02
		-4	-4.4	25.32	3.11	24.75	3.22	24.05	3.32	23.65	3.38	23.34	3.42	22.49	3.52
		0	-0.4	25.96	3.14	25.38	3.24	24.65	3.35	24.25	3.41	23.93	3.45	23.06	3.56
		5	4.5	26.76	3.18	26.16	3.28	25.42	3.39	25.00	3.44	24.67	3.49	23.77	3.60
		10	9	27.86	3.07	27.24	3.17	26.46	3.27	26.03	3.33	25.68	3.37	24.75	3.48
		17	15	29.33	2.99	28.67	3.09	27.86	3.19	27.40	3.25	27.04	3.29	26.05	3.39
		20	19	29.73	2.95	29.06	3.05	28.23	3.14	27.77	3.20	27.40	3.24	26.41	3.34
		25	23	30.13	2.90	29.45	3.00	28.61	3.09	28.14	3.15	27.77	3.19	26.76	3.29
		30	28	30.62	2.85	29.94	2.94	29.08	3.03	28.61	3.09	28.23	3.13	27.20	3.22
		35	32	31.02	2.80	30.33	2.89	29.46	2.98	28.98	3.04	28.59	3.08	27.55	3.17
		40	36	31.42	2.75	30.72	2.84	29.84	2.94	29.35	2.99	28.96	3.03	27.91	3.12
		45	41	31.91	2.70	31.20	2.79	30.31	2.88	29.81	2.92	29.42	2.96	28.35	3.05
		47	43	32.11	2.67	31.40	2.76	30.50	2.85	30.00	2.90	29.60	2.94	28.52	3.03
		50	46	32.21	2.66	31.56	2.74	30.78	2.82	30.33	2.86	29.97	2.89	28.96	2.97
		55	51	32.36	2.63	31.83	2.69	31.24	2.76	30.88	2.79	30.59	2.81	29.69	2.87
		60	56	32.52	2.60	32.10	2.65	31.70	2.70	31.43	2.72	31.22	2.74	30.42	2.78
		63	59	32.62	2.58	32.26	2.63	31.98	2.67	31.76	2.68	31.59	2.69	30.85	2.72
		68	64	32.71	2.57	32.42	2.60	32.26	2.63	32.10	2.64	31.96	2.64	31.30	2.67

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 22: KUMXA241A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12*+18*	-13	-13.4	20.06	2.67	19.61	2.76	19.05	2.84	18.74	2.89	18.49	2.93	17.82	3.02
		-4	-4.4	25.32	3.11	24.75	3.22	24.05	3.32	23.65	3.38	23.34	3.42	22.49	3.52
		0	-0.4	25.96	3.14	25.38	3.24	24.65	3.35	24.25	3.41	23.93	3.45	23.06	3.56
		5	4.5	26.76	3.18	26.16	3.28	25.42	3.39	25.00	3.44	24.67	3.49	23.77	3.60
		10	9	27.86	3.07	27.24	3.17	26.46	3.27	26.03	3.33	25.68	3.37	24.75	3.48
		17	15	29.33	2.99	28.67	3.09	27.86	3.19	27.40	3.25	27.04	3.29	26.05	3.39
		20	19	29.73	2.95	29.06	3.05	28.23	3.14	27.77	3.20	27.40	3.24	26.41	3.34
		25	23	30.13	2.90	29.45	3.00	28.61	3.09	28.14	3.15	27.77	3.19	26.76	3.29
		30	28	30.62	2.85	29.94	2.94	29.08	3.03	28.61	3.09	28.23	3.13	27.20	3.22
		35	32	31.02	2.80	30.33	2.89	29.46	2.98	28.98	3.04	28.59	3.08	27.55	3.17
		40	36	31.42	2.75	30.72	2.84	29.84	2.94	29.35	2.99	28.96	3.03	27.91	3.12
		45	41	31.91	2.70	31.20	2.79	30.31	2.88	29.81	2.92	29.42	2.96	28.35	3.05
		47	43	32.11	2.67	31.40	2.76	30.50	2.85	30.00	2.90	29.60	2.94	28.52	3.03
		50	46	32.21	2.66	31.56	2.74	30.78	2.82	30.33	2.86	29.97	2.89	28.96	2.97
		55	51	32.36	2.63	31.83	2.69	31.24	2.76	30.88	2.79	30.59	2.81	29.69	2.87
		60	56	32.52	2.60	32.10	2.65	31.70	2.70	31.43	2.72	31.22	2.74	30.42	2.78
		63	59	32.62	2.58	32.26	2.63	31.98	2.67	31.76	2.68	31.59	2.69	30.85	2.72
		68	64	32.71	2.57	32.42	2.60	32.26	2.63	32.10	2.64	31.96	2.64	31.30	2.67
	15+18*	-13	-13.4	20.06	2.67	19.61	2.76	19.05	2.84	18.74	2.89	18.49	2.93	17.82	3.02
		-4	-4.4	25.32	3.11	24.75	3.22	24.05	3.32	23.65	3.38	23.34	3.42	22.49	3.52
		0	-0.4	25.96	3.14	25.38	3.24	24.65	3.35	24.25	3.41	23.93	3.45	23.06	3.56
		5	4.5	26.76	3.18	26.16	3.28	25.42	3.39	25.00	3.44	24.67	3.49	23.77	3.60
		10	9	27.86	3.07	27.24	3.17	26.46	3.27	26.03	3.33	25.68	3.37	24.75	3.48
		17	15	29.33	2.99	28.67	3.09	27.86	3.19	27.40	3.25	27.04	3.29	26.05	3.39
		20	19	29.73	2.95	29.06	3.05	28.23	3.14	27.77	3.20	27.40	3.24	26.41	3.34
		25	23	30.13	2.90	29.45	3.00	28.61	3.09	28.14	3.15	27.77	3.19	26.76	3.29
		30	28	30.62	2.85	29.94	2.94	29.08	3.03	28.61	3.09	28.23	3.13	27.20	3.22
		35	32	31.02	2.80	30.33	2.89	29.46	2.98	28.98	3.04	28.59	3.08	27.55	3.17
		40	36	31.42	2.75	30.72	2.84	29.84	2.94	29.35	2.99	28.96	3.03	27.91	3.12
		45	41	31.91	2.70	31.20	2.79	30.31	2.88	29.81	2.92	29.42	2.96	28.35	3.05
		47	43	32.11	2.67	31.40	2.76	30.50	2.85	30.00	2.90	29.60	2.94	28.52	3.03
		50	46	32.21	2.66	31.56	2.74	30.78	2.82	30.33	2.86	29.97	2.89	28.96	2.97
		55	51	32.36	2.63	31.83	2.69	31.24	2.76	30.88	2.79	30.59	2.81	29.69	2.87
		60	56	32.52	2.60	32.10	2.65	31.70	2.70	31.43	2.72	31.22	2.74	30.42	2.78
		63	59	32.62	2.58	32.26	2.63	31.98	2.67	31.76	2.68	31.59	2.69	30.85	2.72
		68	64	32.71	2.57	32.42	2.60	32.26	2.63	32.10	2.64	31.96	2.64	31.30	2.67
Three (3) Mixed Indoor Units	7+7+9	-13	-13.4	18.46	2.50	18.04	2.59	17.53	2.67	17.24	2.71	17.01	2.75	16.39	2.83
		-4	-4.4	23.29	2.92	22.77	3.02	22.12	3.11	21.76	3.17	21.47	3.21	20.69	3.31
		0	-0.4	23.88	2.95	23.35	3.04	22.68	3.14	22.31	3.19	22.02	3.24	21.21	3.34
		5	4.5	24.62	2.98	24.07	3.08	23.38	3.18	23.00	3.23	22.69	3.27	21.87	3.37
		10	9	25.63	2.88	25.06	2.97	24.34	3.07	23.95	3.12	23.63	3.17	22.77	3.26
		17	15	26.98	2.81	26.38	2.90	25.63	2.99	25.21	3.04	24.87	3.09	23.97	3.18
		20	19	27.35	2.76	26.74	2.86	25.97	2.95	25.55	3.00	25.21	3.04	24.29	3.13
		25	23	27.72	2.72	27.10	2.81	26.32	2.90	25.89	2.95	25.55	2.99	24.62	3.08
		30	28	28.17	2.67	27.54	2.76	26.76	2.85	26.32	2.89	25.97	2.93	25.02	3.02
		35	32	28.54	2.63	27.90	2.71	27.10	2.80	26.66	2.85	26.31	2.89	25.35	2.97
		40	36	28.90	2.58	28.26	2.67	27.45	2.75	27.00	2.80	26.64	2.84	25.67	2.92
		45	41	29.36	2.53	28.70	2.61	27.88	2.70	27.43	2.74	27.06	2.78	26.08	2.86
		47	43	29.54	2.51	28.88	2.59	28.06	2.67	27.60	2.72	27.23	2.76	26.24	2.84
		50	46	29.63	2.49	29.03	2.57	28.31	2.64	27.90	2.68	27.58	2.71	26.64	2.79
		55	51	29.78	2.47	29.28	2.53	28.74	2.59	28.41	2.62	28.15	2.64	27.31	2.70
		60	56	29.92	2.44	29.53	2.49	29.17	2.53	28.92	2.55	28.72	2.57	27.98	2.61
		63	59	30.01	2.42	29.68	2.46	29.42	2.50	29.22	2.51	29.06	2.52	28.39	2.55
		68	64	30.09	2.41	29.83	2.44	29.68	2.47	29.53	2.47	29.41	2.48	28.79	2.50

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 23: KUMXA241A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+9+9	-13	-13.4	20.06	2.59	19.61	2.67	19.05	2.76	18.74	2.80	18.49	2.84	17.82	2.93
		-4	-4.4	25.32	3.02	24.75	3.12	24.05	3.22	23.65	3.27	23.34	3.32	22.49	3.41
		0	-0.4	25.96	3.04	25.38	3.14	24.65	3.24	24.25	3.30	23.93	3.35	23.06	3.45
		5	4.5	26.76	3.08	26.16	3.18	25.42	3.28	25.00	3.34	24.67	3.38	23.77	3.48
		10	9	27.86	2.97	27.24	3.07	26.46	3.17	26.03	3.23	25.68	3.27	24.75	3.37
		17	15	29.33	2.90	28.67	3.00	27.86	3.09	27.40	3.15	27.04	3.19	26.05	3.28
		20	19	29.73	2.86	29.06	2.95	28.23	3.05	27.77	3.10	27.40	3.14	26.41	3.23
		25	23	30.13	2.81	29.45	2.91	28.61	3.00	28.14	3.05	27.77	3.09	26.76	3.18
		30	28	30.62	2.76	29.94	2.85	29.08	2.94	28.61	2.99	28.23	3.03	27.20	3.12
		35	32	31.02	2.71	30.33	2.80	29.46	2.89	28.98	2.94	28.59	2.98	27.55	3.07
		40	36	31.42	2.67	30.72	2.76	29.84	2.84	29.35	2.89	28.96	2.93	27.91	3.02
		45	41	31.91	2.61	31.20	2.70	30.31	2.79	29.81	2.83	29.42	2.87	28.35	2.96
		47	43	32.11	2.59	31.40	2.68	30.50	2.76	30.00	2.81	29.60	2.85	28.52	2.93
		50	46	32.21	2.57	31.56	2.65	30.78	2.73	30.33	2.77	29.97	2.80	28.96	2.88
		55	51	32.36	2.55	31.83	2.61	31.24	2.67	30.88	2.70	30.59	2.73	29.69	2.79
		60	56	32.52	2.52	32.10	2.57	31.70	2.62	31.43	2.64	31.22	2.65	30.42	2.69
		63	59	32.62	2.50	32.26	2.54	31.98	2.58	31.76	2.60	31.59	2.61	30.85	2.64
		68	64	32.71	2.49	32.42	2.52	32.26	2.55	32.10	2.56	31.96	2.56	31.30	2.58
	7+7+12	-13	-13.4	20.06	2.59	19.61	2.67	19.05	2.76	18.74	2.80	18.49	2.84	17.82	2.93
		-4	-4.4	25.32	3.02	24.75	3.12	24.05	3.22	23.65	3.27	23.34	3.32	22.49	3.41
		0	-0.4	25.96	3.04	25.38	3.14	24.65	3.24	24.25	3.30	23.93	3.35	23.06	3.45
		5	4.5	26.76	3.08	26.16	3.18	25.42	3.28	25.00	3.34	24.67	3.38	23.77	3.48
		10	9	27.86	2.97	27.24	3.07	26.46	3.17	26.03	3.23	25.68	3.27	24.75	3.37
		17	15	29.33	2.90	28.67	3.00	27.86	3.09	27.40	3.15	27.04	3.19	26.05	3.28
		20	19	29.73	2.86	29.06	2.95	28.23	3.05	27.77	3.10	27.40	3.14	26.41	3.23
		25	23	30.13	2.81	29.45	2.91	28.61	3.00	28.14	3.05	27.77	3.09	26.76	3.18
		30	28	30.62	2.76	29.94	2.85	29.08	2.94	28.61	2.99	28.23	3.03	27.20	3.12
		35	32	31.02	2.71	30.33	2.80	29.46	2.89	28.98	2.94	28.59	2.98	27.55	3.07
		40	36	31.42	2.67	30.72	2.76	29.84	2.84	29.35	2.89	28.96	2.93	27.91	3.02
		45	41	31.91	2.61	31.20	2.70	30.31	2.79	29.81	2.83	29.42	2.87	28.35	2.96
		47	43	32.11	2.59	31.40	2.68	30.50	2.76	30.00	2.81	29.60	2.85	28.52	2.93
		50	46	32.21	2.57	31.56	2.65	30.78	2.73	30.33	2.77	29.97	2.80	28.96	2.88
		55	51	32.36	2.55	31.83	2.61	31.24	2.67	30.88	2.70	30.59	2.73	29.69	2.79
		60	56	32.52	2.52	32.10	2.57	31.70	2.62	31.43	2.64	31.22	2.65	30.42	2.69
		63	59	32.62	2.50	32.26	2.54	31.98	2.58	31.76	2.60	31.59	2.61	30.85	2.64
		68	64	32.71	2.49	32.42	2.52	32.26	2.55	32.10	2.56	31.96	2.56	31.30	2.58
	9+9+9	-13	-13.4	20.06	2.59	19.61	2.67	19.05	2.76	18.74	2.80	18.49	2.84	17.82	2.93
		-4	-4.4	25.32	3.02	24.75	3.12	24.05	3.22	23.65	3.27	23.34	3.32	22.49	3.41
		0	-0.4	25.96	3.04	25.38	3.14	24.65	3.24	24.25	3.30	23.93	3.35	23.06	3.45
		5	4.5	26.76	3.08	26.16	3.18	25.42	3.28	25.00	3.34	24.67	3.38	23.77	3.48
		10	9	27.86	2.97	27.24	3.07	26.46	3.17	26.03	3.23	25.68	3.27	24.75	3.37
		17	15	29.33	2.90	28.67	3.00	27.86	3.09	27.40	3.15	27.04	3.19	26.05	3.28
		20	19	29.73	2.86	29.06	2.95	28.23	3.05	27.77	3.10	27.40	3.14	26.41	3.23
		25	23	30.13	2.81	29.45	2.91	28.61	3.00	28.14	3.05	27.77	3.09	26.76	3.18
		30	28	30.62	2.76	29.94	2.85	29.08	2.94	28.61	2.99	28.23	3.03	27.20	3.12
		35	32	31.02	2.71	30.33	2.80	29.46	2.89	28.98	2.94	28.59	2.98	27.55	3.07
		40	36	31.42	2.67	30.72	2.76	29.84	2.84	29.35	2.89	28.96	2.93	27.91	3.02
		45	41	31.91	2.61	31.20	2.70	30.31	2.79	29.81	2.83	29.42	2.87	28.35	2.96
		47	43	32.11	2.59	31.40	2.68	30.50	2.76	30.00	2.81	29.60	2.85	28.52	2.93
		50	46	32.21	2.57	31.56	2.65	30.78	2.73	30.33	2.77	29.97	2.80	28.96	2.88
		55	51	32.36	2.55	31.83	2.61	31.24	2.67	30.88	2.70	30.59	2.73	29.69	2.79
		60	56	32.52	2.52	32.10	2.57	31.70	2.62	31.43	2.64	31.22	2.65	30.42	2.69
		63	59	32.62	2.50	32.26	2.54	31.98	2.58	31.76	2.60	31.59	2.61	30.85	2.64
		68	64	32.71	2.49	32.42	2.52	32.26	2.55	32.10	2.56	31.96	2.56	31.30	2.58

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA241A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 24: KUMXA241A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+9+12*	-13	-13.4	20.06	2.59	19.61	2.67	19.05	2.76	18.74	2.80	18.49	2.84	17.82	2.93
		-4	-4.4	25.32	3.02	24.75	3.12	24.05	3.22	23.65	3.27	23.34	3.32	22.49	3.41
		0	-0.4	25.96	3.04	25.38	3.14	24.65	3.24	24.25	3.30	23.93	3.35	23.06	3.45
		5	4.5	26.76	3.08	26.16	3.18	25.42	3.28	25.00	3.34	24.67	3.38	23.77	3.48
		10	9	27.86	2.97	27.24	3.07	26.46	3.17	26.03	3.23	25.68	3.27	24.75	3.37
		17	15	29.33	2.90	28.67	3.00	27.86	3.09	27.40	3.15	27.04	3.19	26.05	3.28
		20	19	29.73	2.86	29.06	2.95	28.23	3.05	27.77	3.10	27.40	3.14	26.41	3.23
		25	23	30.13	2.81	29.45	2.91	28.61	3.00	28.14	3.05	27.77	3.09	26.76	3.18
		30	28	30.62	2.76	29.94	2.85	29.08	2.94	28.61	2.99	28.23	3.03	27.20	3.12
		35	32	31.02	2.71	30.33	2.80	29.46	2.89	28.98	2.94	28.59	2.98	27.55	3.07
		40	36	31.42	2.67	30.72	2.76	29.84	2.84	29.35	2.89	28.96	2.93	27.91	3.02
		45	41	31.91	2.61	31.20	2.70	30.31	2.79	29.81	2.83	29.42	2.87	28.35	2.96
		47	43	32.11	2.59	31.40	2.68	30.50	2.76	30.00	2.81	29.60	2.85	28.52	2.93
		50	46	32.21	2.57	31.56	2.65	30.78	2.73	30.33	2.77	29.97	2.80	28.96	2.88
		55	51	32.36	2.55	31.83	2.61	31.24	2.67	30.88	2.70	30.59	2.73	29.69	2.79
	9+9*+12*	60	56	32.52	2.52	32.10	2.57	31.70	2.62	31.43	2.64	31.22	2.65	30.42	2.69
		63	59	32.62	2.50	32.26	2.54	31.98	2.58	31.76	2.60	31.59	2.61	30.85	2.64
		68	64	32.71	2.49	32.42	2.52	32.26	2.55	32.10	2.56	31.96	2.56	31.30	2.58
		-13	-13.4	20.06	2.59	19.61	2.67	19.05	2.76	18.74	2.80	18.49	2.84	17.82	2.93
		-4	-4.4	25.32	3.02	24.75	3.12	24.05	3.22	23.65	3.27	23.34	3.32	22.49	3.41
		0	-0.4	25.96	3.04	25.38	3.14	24.65	3.24	24.25	3.30	23.93	3.35	23.06	3.45
		5	4.5	26.76	3.08	26.16	3.18	25.42	3.28	25.00	3.34	24.67	3.38	23.77	3.48
		10	9	27.86	2.97	27.24	3.07	26.46	3.17	26.03	3.23	25.68	3.27	24.75	3.37
		17	15	29.33	2.90	28.67	3.00	27.86	3.09	27.40	3.15	27.04	3.19	26.05	3.28
		20	19	29.73	2.86	29.06	2.95	28.23	3.05	27.77	3.10	27.40	3.14	26.41	3.23
		25	23	30.13	2.81	29.45	2.91	28.61	3.00	28.14	3.05	27.77	3.09	26.76	3.18
		30	28	30.62	2.76	29.94	2.85	29.08	2.94	28.61	2.99	28.23	3.03	27.20	3.12
		35	32	31.02	2.71	30.33	2.80	29.46	2.89	28.98	2.94	28.59	2.98	27.55	3.07
		40	36	31.42	2.67	30.72	2.76	29.84	2.84	29.35	2.89	28.96	2.93	27.91	3.02
		45	41	31.91	2.61	31.20	2.70	30.31	2.79	29.81	2.83	29.42	2.87	28.35	2.96
	7+9*+15	47	43	32.11	2.59	31.40	2.68	30.50	2.76	30.00	2.81	29.60	2.85	28.52	2.93
		50	46	32.21	2.57	31.56	2.65	30.78	2.73	30.33	2.77	29.97	2.80	28.96	2.88
		55	51	32.36	2.55	31.83	2.61	31.24	2.67	30.88	2.70	30.59	2.73	29.69	2.79
		60	56	32.52	2.52	32.10	2.57	31.70	2.62	31.43	2.64	31.22	2.65	30.42	2.69
		63	59	32.62	2.50	32.26	2.54	31.98	2.58	31.76	2.60	31.59	2.61	30.85	2.64
		68	64	32.71	2.49	32.42	2.52	32.26	2.55	32.10	2.56	31.96	2.56	31.30	2.58
		-13	-13.4	20.06	2.59	19.61	2.67	19.05	2.76	18.74	2.80	18.49	2.84	17.82	2.93
		-4	-4.4	25.32	3.02	24.75	3.12	24.05	3.22	23.65	3.27	23.34	3.32	22.49	3.41
		0	-0.4	25.96	3.04	25.38	3.14	24.65	3.24	24.25	3.30	23.93	3.35	23.06	3.45
		5	4.5	26.76	3.08	26.16	3.18	25.42	3.28	25.00	3.34	24.67	3.38	23.77	3.48
		10	9	27.86	2.97	27.24	3.07	26.46	3.17	26.03	3.23	25.68	3.27	24.75	3.37
		17	15	29.33	2.90	28.67	3.00	27.86	3.09	27.40	3.15	27.04	3.19	26.05	3.28
		20	19	29.73	2.86	29.06	2.95	28.23	3.05	27.77	3.10	27.40	3.14	26.41	3.23
		25	23	30.13	2.81	29.45	2.91	28.61	3.00	28.14	3.05	27.77	3.09	26.76	3.18
		30	28	30.62	2.76	29.94	2.85	29.08	2.94	28.61	2.99	28.23	3.03	27.20	3.12
		35	32	31.02	2.71	30.33	2.80	29.46	2.89	28.98	2.94	28.59	2.98	27.55	3.07
		40	36	31.42	2.67	30.72	2.76	29.84	2.84	29.35	2.89	28.96	2.93	27.91	3.02
		45	41	31.91	2.61	31.20	2.70	30.31	2.79	29.81	2.83	29.42	2.87	28.35	2.96
		47	43	32.11	2.59	31.40	2.68	30.50	2.76	30.00	2.81	29.60	2.85	28.52	2.93
		50	46	32.21	2.57	31.56	2.65	30.78	2.73	30.33	2.77	29.97	2.80	28.96	2.88
		55	51	32.36	2.55	31.83	2.61	31.24	2.67	30.88	2.70	30.59	2.73	29.69	2.79
		60	56	32.52	2.52	32.10	2.57	31.70	2.62	31.43	2.64	31.22	2.65	30.42	2.69
		63	59	32.62	2.50	32.26	2.54	31.98	2.58	31.76	2.60	31.59	2.61	30.85	2.64
		68	64	32.71	2.49	32.42	2.52	32.26	2.55	32.10	2.56	31.96	2.56	31.30	2.58

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 25: KUMXA241A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+12*+12*	-13	-13.4	20.06	2.59	19.61	2.67	19.05	2.76	18.74	2.80	18.49	2.84	17.82	2.93
		-4	-4.4	25.32	3.02	24.75	3.12	24.05	3.22	23.65	3.27	23.34	3.32	22.49	3.41
		0	-0.4	25.96	3.04	25.38	3.14	24.65	3.24	24.25	3.30	23.93	3.35	23.06	3.45
		5	4.5	26.76	3.08	26.16	3.18	25.42	3.28	25.00	3.34	24.67	3.38	23.77	3.48
		10	9	27.86	2.97	27.24	3.07	26.46	3.17	26.03	3.23	25.68	3.27	24.75	3.37
		17	15	29.33	2.90	28.67	3.00	27.86	3.09	27.40	3.15	27.04	3.19	26.05	3.28
		20	19	29.73	2.86	29.06	2.95	28.23	3.05	27.77	3.10	27.40	3.14	26.41	3.23
		25	23	30.13	2.81	29.45	2.91	28.61	3.00	28.14	3.05	27.77	3.09	26.76	3.18
		30	28	30.62	2.76	29.94	2.85	29.08	2.94	28.61	2.99	28.23	3.03	27.20	3.12
		35	32	31.02	2.71	30.33	2.80	29.46	2.89	28.98	2.94	28.59	2.98	27.55	3.07
		40	36	31.42	2.67	30.72	2.76	29.84	2.84	29.35	2.89	28.96	2.93	27.91	3.02
		45	41	31.91	2.61	31.20	2.70	30.31	2.79	29.81	2.83	29.42	2.87	28.35	2.96
		47	43	32.11	2.59	31.40	2.68	30.50	2.76	30.00	2.81	29.60	2.85	28.52	2.93
		50	46	32.21	2.57	31.56	2.65	30.78	2.73	30.33	2.77	29.97	2.80	28.96	2.88
		55	51	32.36	2.55	31.83	2.61	31.24	2.67	30.88	2.70	30.59	2.73	29.69	2.79
		60	56	32.52	2.52	32.10	2.57	31.70	2.62	31.43	2.64	31.22	2.65	30.42	2.69
		63	59	32.62	2.50	32.26	2.54	31.98	2.58	31.76	2.60	31.59	2.61	30.85	2.64
		68	64	32.71	2.49	32.42	2.52	32.26	2.55	32.10	2.56	31.96	2.56	31.30	2.58
	7+7+18*	-13	-13.4	20.06	2.59	19.61	2.67	19.05	2.76	18.74	2.80	18.49	2.84	17.82	2.93
		-4	-4.4	25.32	3.02	24.75	3.12	24.05	3.22	23.65	3.27	23.34	3.32	22.49	3.41
		0	-0.4	25.96	3.04	25.38	3.14	24.65	3.24	24.25	3.30	23.93	3.35	23.06	3.45
		5	4.5	26.76	3.08	26.16	3.18	25.42	3.28	25.00	3.34	24.67	3.38	23.77	3.48
		10	9	27.86	2.97	27.24	3.07	26.46	3.17	26.03	3.23	25.68	3.27	24.75	3.37
		17	15	29.33	2.90	28.67	3.00	27.86	3.09	27.40	3.15	27.04	3.19	26.05	3.28
		20	19	29.73	2.86	29.06	2.95	28.23	3.05	27.77	3.10	27.40	3.14	26.41	3.23
		25	23	30.13	2.81	29.45	2.91	28.61	3.00	28.14	3.05	27.77	3.09	26.76	3.18
		30	28	30.62	2.76	29.94	2.85	29.08	2.94	28.61	2.99	28.23	3.03	27.20	3.12
		35	32	31.02	2.71	30.33	2.80	29.46	2.89	28.98	2.94	28.59	2.98	27.55	3.07
		40	36	31.42	2.67	30.72	2.76	29.84	2.84	29.35	2.89	28.96	2.93	27.91	3.02
		45	41	31.91	2.61	31.20	2.70	30.31	2.79	29.81	2.83	29.42	2.87	28.35	2.96
		47	43	32.11	2.59	31.40	2.68	30.50	2.76	30.00	2.81	29.60	2.85	28.52	2.93
		50	46	32.21	2.57	31.56	2.65	30.78	2.73	30.33	2.77	29.97	2.80	28.96	2.88
		55	51	32.36	2.55	31.83	2.61	31.24	2.67	30.88	2.70	30.59	2.73	29.69	2.79
		60	56	32.52	2.52	32.10	2.57	31.70	2.62	31.43	2.64	31.22	2.65	30.42	2.69
		63	59	32.62	2.50	32.26	2.54	31.98	2.58	31.76	2.60	31.59	2.61	30.85	2.64
		68	64	32.71	2.49	32.42	2.52	32.26	2.55	32.10	2.56	31.96	2.56	31.30	2.58
	9*+9*+15	-13	-13.4	20.06	2.59	19.61	2.67	19.05	2.76	18.74	2.80	18.49	2.84	17.82	2.93
		-4	-4.4	25.32	3.02	24.75	3.12	24.05	3.22	23.65	3.27	23.34	3.32	22.49	3.41
		0	-0.4	25.96	3.04	25.38	3.14	24.65	3.24	24.25	3.30	23.93	3.35	23.06	3.45
		5	4.5	26.76	3.08	26.16	3.18	25.42	3.28	25.00	3.34	24.67	3.38	23.77	3.48
		10	9	27.86	2.97	27.24	3.07	26.46	3.17	26.03	3.23	25.68	3.27	24.75	3.37
		17	15	29.33	2.90	28.67	3.00	27.86	3.09	27.40	3.15	27.04	3.19	26.05	3.28
		20	19	29.73	2.86	29.06	2.95	28.23	3.05	27.77	3.10	27.40	3.14	26.41	3.23
		25	23	30.13	2.81	29.45	2.91	28.61	3.00	28.14	3.05	27.77	3.09	26.76	3.18
		30	28	30.62	2.76	29.94	2.85	29.08	2.94	28.61	2.99	28.23	3.03	27.20	3.12
		35	32	31.02	2.71	30.33	2.80	29.46	2.89	28.98	2.94	28.59	2.98	27.55	3.07
		40	36	31.42	2.67	30.72	2.76	29.84	2.84	29.35	2.89	28.96	2.93	27.91	3.02
		45	41	31.91	2.61	31.20	2.70	30.31	2.79	29.81	2.83	29.42	2.87	28.35	2.96
		47	43	32.11	2.59	31.40	2.68	30.50	2.76	30.00	2.81	29.60	2.85	28.52	2.93
		50	46	32.21	2.57	31.56	2.65	30.78	2.73	30.33	2.77	29.97	2.80	28.96	2.88
		55	51	32.36	2.55	31.83	2.61	31.24	2.67	30.88	2.70	30.59	2.73	29.69	2.79
		60	56	32.52	2.52	32.10	2.57	31.70	2.62	31.43	2.64	31.22	2.65	30.42	2.69
		63	59	32.62	2.50	32.26	2.54	31.98	2.58	31.76	2.60	31.59	2.61	30.85	2.64
		68	64	32.71	2.49	32.42	2.52	32.26	2.55	32.10	2.56	31.96	2.56	31.30	2.58

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA241A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 26: KUMXA241A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9+12*+12*	-13	-13.4	20.06	2.59	19.61	2.67	19.05	2.76	18.74	2.80	18.49	2.84	17.82	2.93
		-4	-4.4	25.32	3.02	24.75	3.12	24.05	3.22	23.65	3.27	23.34	3.32	22.49	3.41
		0	-0.4	25.96	3.04	25.38	3.14	24.65	3.24	24.25	3.30	23.93	3.35	23.06	3.45
		5	4.5	26.76	3.08	26.16	3.18	25.42	3.28	25.00	3.34	24.67	3.38	23.77	3.48
		10	9	27.86	2.97	27.24	3.07	26.46	3.17	26.03	3.23	25.68	3.27	24.75	3.37
		17	15	29.33	2.90	28.67	3.00	27.86	3.09	27.40	3.15	27.04	3.19	26.05	3.28
		20	19	29.73	2.86	29.06	2.95	28.23	3.05	27.77	3.10	27.40	3.14	26.41	3.23
		25	23	30.13	2.81	29.45	2.91	28.61	3.00	28.14	3.05	27.77	3.09	26.76	3.18
		30	28	30.62	2.76	29.94	2.85	29.08	2.94	28.61	2.99	28.23	3.03	27.20	3.12
		35	32	31.02	2.71	30.33	2.80	29.46	2.89	28.98	2.94	28.59	2.98	27.55	3.07
		40	36	31.42	2.67	30.72	2.76	29.84	2.84	29.35	2.89	28.96	2.93	27.91	3.02
		45	41	31.91	2.61	31.20	2.70	30.31	2.79	29.81	2.83	29.42	2.87	28.35	2.96
		47	43	32.11	2.59	31.40	2.68	30.50	2.76	30.00	2.81	29.60	2.85	28.52	2.93
		50	46	32.21	2.57	31.56	2.65	30.78	2.73	30.33	2.77	29.97	2.80	28.96	2.88
		55	51	32.36	2.55	31.83	2.61	31.24	2.67	30.88	2.70	30.59	2.73	29.69	2.79
		60	56	32.52	2.52	32.10	2.57	31.70	2.62	31.43	2.64	31.22	2.65	30.42	2.69
		63	59	32.62	2.50	32.26	2.54	31.98	2.58	31.76	2.60	31.59	2.61	30.85	2.64
		68	64	32.71	2.49	32.42	2.52	32.26	2.55	32.10	2.56	31.96	2.56	31.30	2.58

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 27: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	7+7	-13	-13.4	12.17	2.26	11.90	2.33	11.56	2.41	11.37	2.45	11.22	2.48	10.81	2.56
		-4	-4.4	14.45	2.57	14.13	2.66	13.72	2.74	13.50	2.79	13.32	2.83	12.83	2.91
		0	-0.4	15.48	2.70	15.13	2.79	14.70	2.88	14.46	2.93	14.27	2.97	13.75	3.05
		5	4.5	16.76	2.86	16.39	2.95	15.92	3.05	15.66	3.10	15.45	3.14	14.89	3.23
		10	9	17.52	2.77	17.12	2.86	16.64	2.96	16.36	3.01	16.15	3.05	15.56	3.14
		17	15	18.52	2.71	18.11	2.80	17.59	2.89	17.30	2.94	17.07	2.98	16.45	3.07
		20	19	18.75	2.67	18.33	2.75	17.81	2.84	17.52	2.89	17.28	2.93	16.65	3.02
		25	23	18.98	2.62	18.55	2.71	18.02	2.79	17.73	2.84	17.49	2.88	16.86	2.97
		30	28	19.26	2.57	18.83	2.65	18.29	2.73	17.99	2.78	17.75	2.82	17.11	2.90
		35	32	19.49	2.52	19.05	2.60	18.51	2.69	18.21	2.73	17.96	2.77	17.31	2.85
		40	36	19.72	2.48	19.27	2.56	18.72	2.64	18.42	2.68	18.17	2.72	17.51	2.80
		45	41	20.00	2.42	19.55	2.50	18.99	2.58	18.68	2.62	18.44	2.66	17.77	2.74
		47	43	20.11	2.40	19.66	2.48	19.10	2.56	18.79	2.60	18.54	2.64	17.87	2.71
		50	46	20.17	2.38	19.77	2.45	19.28	2.52	19.00	2.56	18.77	2.59	18.14	2.66
		55	51	20.27	2.36	19.93	2.42	19.57	2.47	19.34	2.50	19.16	2.52	18.60	2.58
		60	56	20.37	2.33	20.10	2.38	19.86	2.42	19.69	2.44	19.55	2.45	19.05	2.49
		63	59	20.43	2.32	20.21	2.35	20.03	2.39	19.89	2.40	19.78	2.41	19.32	2.44
		68	64	20.49	2.30	20.31	2.33	20.21	2.36	20.10	2.36	20.02	2.37	19.60	2.39
	7+9	-13	-13.4	13.90	2.35	13.59	2.43	13.21	2.51	12.99	2.55	12.82	2.59	12.35	2.66
		-4	-4.4	16.51	2.68	16.14	2.77	15.68	2.86	15.42	2.91	15.22	2.95	14.66	3.03
		0	-0.4	17.68	2.81	17.29	2.90	16.79	3.00	16.52	3.05	16.30	3.09	15.71	3.18
		5	4.5	19.15	2.98	18.72	3.08	18.19	3.17	17.89	3.23	17.65	3.27	17.01	3.37
		10	9	20.01	2.89	19.57	2.98	19.01	3.08	18.70	3.13	18.45	3.18	17.78	3.27
		17	15	21.16	2.83	20.69	2.92	20.10	3.01	19.77	3.06	19.51	3.11	18.80	3.20
		20	19	21.42	2.78	20.94	2.87	20.35	2.96	20.01	3.01	19.75	3.05	19.03	3.15
		25	23	21.68	2.73	21.20	2.82	20.59	2.91	20.26	2.96	19.99	3.00	19.26	3.09
		30	28	22.01	2.67	21.52	2.76	20.90	2.85	20.56	2.90	20.29	2.94	19.55	3.03
		35	32	22.27	2.63	21.77	2.71	21.15	2.80	20.80	2.85	20.53	2.89	19.78	2.97
		40	36	22.53	2.58	22.02	2.67	21.39	2.75	21.05	2.80	20.77	2.84	20.01	2.92
		45	41	22.85	2.52	22.34	2.61	21.70	2.69	21.35	2.74	21.06	2.77	20.30	2.86
		47	43	22.98	2.50	22.47	2.58	21.83	2.66	21.47	2.71	21.18	2.75	20.41	2.83
		50	46	23.05	2.48	22.58	2.56	22.03	2.63	21.71	2.67	21.45	2.70	20.73	2.78
		55	51	23.16	2.46	22.78	2.52	22.36	2.58	22.10	2.61	21.90	2.63	21.25	2.69
		60	56	23.27	2.43	22.97	2.48	22.69	2.52	22.50	2.54	22.34	2.56	21.77	2.60
		63	59	23.34	2.41	23.09	2.45	22.89	2.49	22.73	2.50	22.61	2.51	22.08	2.54
		68	64	23.41	2.40	23.20	2.43	23.09	2.46	22.97	2.47	22.88	2.47	22.40	2.49
	9+9	-13	-13.4	15.67	2.49	15.32	2.57	14.88	2.66	14.64	2.70	14.45	2.74	13.92	2.82
		-4	-4.4	18.61	2.84	18.19	2.93	17.67	3.03	17.38	3.08	17.15	3.12	16.53	3.21
		0	-0.4	19.93	2.98	19.49	3.08	18.93	3.17	18.62	3.23	18.37	3.27	17.70	3.37
		5	4.5	21.59	3.15	21.10	3.26	20.50	3.36	20.17	3.42	19.90	3.47	19.18	3.57
		10	9	22.56	3.06	22.05	3.16	21.42	3.26	21.07	3.32	20.79	3.36	20.04	3.46
		17	15	23.85	2.99	23.32	3.09	22.66	3.19	22.29	3.25	21.99	3.29	21.19	3.39
		20	19	24.15	2.94	23.61	3.04	22.93	3.14	22.56	3.19	22.26	3.23	21.45	3.33
		25	23	24.44	2.89	23.89	2.99	23.21	3.08	22.83	3.14	22.53	3.18	21.71	3.28
		30	28	24.81	2.83	24.25	2.93	23.56	3.02	23.17	3.07	22.87	3.11	22.03	3.21
		35	32	25.10	2.78	24.54	2.87	23.84	2.97	23.45	3.02	23.14	3.06	22.29	3.15
		40	36	25.39	2.73	24.82	2.82	24.12	2.91	23.72	2.96	23.41	3.00	22.55	3.09
		45	41	25.76	2.67	25.18	2.76	24.46	2.85	24.06	2.90	23.74	2.94	22.88	3.02
		47	43	25.90	2.65	25.33	2.73	24.60	2.82	24.20	2.87	23.88	2.91	23.01	3.00
		50	46	25.98	2.63	25.46	2.71	24.83	2.79	24.47	2.83	24.18	2.86	23.36	2.94
		55	51	26.11	2.60	25.67	2.67	25.20	2.73	24.91	2.76	24.68	2.79	23.95	2.84
		60	56	26.23	2.57	25.89	2.62	25.57	2.67	25.36	2.69	25.18	2.71	24.54	2.75
		63	59	26.31	2.56	26.02	2.60	25.80	2.64	25.62	2.65	25.48	2.66	24.89	2.69
		68	64	26.39	2.54	26.15	2.57	26.02	2.60	25.89	2.61	25.78	2.62	25.25	2.64

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 28: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB													
		°F DB	°F WB	61		64		68		70		72		75			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
Two (2) Non-Ducted Indoor Units	7+12	-13	-13.4	15.67	2.49	15.32	2.57	14.88	2.66	14.64	2.70	14.45	2.74	13.92	2.82		
		-4	-4.4	18.61	2.84	18.19	2.93	17.67	3.03	17.38	3.08	17.15	3.12	16.53	3.21		
		0	-0.4	19.93	2.98	19.49	3.08	18.93	3.17	18.62	3.23	18.37	3.27	17.70	3.37		
		5	4.5	21.59	3.15	21.10	3.26	20.50	3.36	20.17	3.42	19.90	3.47	19.18	3.57		
		10	9	22.56	3.06	22.05	3.16	21.42	3.26	21.07	3.32	20.79	3.36	20.04	3.46		
		17	15	23.85	2.99	23.32	3.09	22.66	3.19	22.29	3.25	21.99	3.29	21.19	3.39		
		20	19	24.15	2.94	23.61	3.04	22.93	3.14	22.56	3.19	22.26	3.23	21.45	3.33		
		25	23	24.44	2.89	23.89	2.99	23.21	3.08	22.83	3.14	22.53	3.18	21.71	3.28		
		30	28	24.81	2.83	24.25	2.93	23.56	3.02	23.17	3.07	22.87	3.11	22.03	3.21		
		35	32	25.10	2.78	24.54	2.87	23.84	2.97	23.45	3.02	23.14	3.06	22.29	3.15		
		40	36	25.39	2.73	24.82	2.82	24.12	2.91	23.72	2.96	23.41	3.00	22.55	3.09		
		45	41	25.76	2.67	25.18	2.76	24.46	2.85	24.06	2.90	23.74	2.94	22.88	3.02		
		47	43	25.90	2.65	25.33	2.73	24.60	2.82	24.20	2.87	23.88	2.91	23.01	3.00		
		50	46	25.98	2.63	25.46	2.71	24.83	2.79	24.47	2.83	24.18	2.86	23.36	2.94		
		55	51	26.11	2.60	25.67	2.67	25.20	2.73	24.91	2.76	24.68	2.79	23.95	2.84		
		60	56	26.23	2.57	25.89	2.62	25.57	2.67	25.36	2.69	25.18	2.71	24.54	2.75		
		63	59	26.31	2.56	26.02	2.60	25.80	2.64	25.62	2.65	25.48	2.66	24.89	2.69		
		68	64	26.39	2.54	26.15	2.57	26.02	2.60	25.89	2.61	25.78	2.62	25.25	2.64		
	9+12	-13	-13.4	16.62	2.58	16.25	2.66	15.78	2.75	15.52	2.80	15.32	2.83	14.76	2.92		
		-4	-4.4	19.73	2.94	19.29	3.03	18.74	3.13	18.43	3.18	18.19	3.23	17.53	3.33		
		0	-0.4	21.13	3.08	20.66	3.18	20.07	3.29	19.74	3.34	19.48	3.39	18.77	3.49		
		5	4.5	22.89	3.26	22.38	3.37	21.74	3.48	21.38	3.54	21.10	3.59	20.33	3.69		
		10	9	23.92	3.17	23.39	3.27	22.72	3.38	22.35	3.43	22.05	3.48	21.25	3.59		
		17	15	25.29	3.10	24.73	3.20	24.02	3.30	23.63	3.36	23.32	3.40	22.47	3.51		
		20	19	25.60	3.05	25.03	3.15	24.32	3.25	23.92	3.30	23.60	3.35	22.74	3.45		
		25	23	25.91	2.99	25.34	3.09	24.61	3.19	24.21	3.25	23.89	3.29	23.02	3.39		
		30	28	26.30	2.93	25.72	3.03	24.98	3.12	24.57	3.18	24.25	3.22	23.36	3.32		
		35	32	26.61	2.88	26.02	2.97	25.28	3.07	24.86	3.12	24.53	3.16	23.64	3.26		
		40	36	26.92	2.83	26.32	2.92	25.57	3.02	25.15	3.07	24.82	3.11	23.92	3.20		
		45	41	27.31	2.76	26.70	2.86	25.94	2.95	25.51	3.00	25.18	3.04	24.26	3.13		
		47	43	27.47	2.74	26.85	2.83	26.09	2.92	25.66	2.97	25.32	3.01	24.40	3.10		
		50	46	27.55	2.72	26.99	2.80	26.32	2.88	25.94	2.93	25.64	2.96	24.77	3.04		
		55	51	27.68	2.69	27.22	2.76	26.72	2.82	26.41	2.86	26.17	2.88	25.39	2.94		
		60	56	27.82	2.66	27.45	2.72	27.12	2.77	26.89	2.79	26.70	2.80	26.02	2.85		
		63	59	27.90	2.65	27.59	2.69	27.36	2.73	27.17	2.74	27.02	2.75	26.39	2.79		
		68	64	27.98	2.63	27.73	2.66	27.60	2.69	27.45	2.70	27.34	2.71	26.77	2.73		
	7+15	-13	-13.4	17.25	2.63	16.87	2.72	16.39	2.80	16.12	2.85	15.90	2.89	15.33	2.98		
		-4	-4.4	20.48	3.00	20.03	3.10	19.45	3.19	19.14	3.25	18.88	3.29	18.20	3.39		
		0	-0.4	21.94	3.14	21.45	3.25	20.84	3.35	20.50	3.41	20.23	3.46	19.49	3.56		
		5	4.5	23.76	3.33	23.23	3.44	22.57	3.55	22.20	3.61	21.90	3.66	21.11	3.77		
		10	9	24.83	3.23	24.28	3.34	23.58	3.44	23.20	3.50	22.89	3.55	22.06	3.66		
		17	15	26.26	3.16	25.67	3.26	24.94	3.37	24.53	3.43	24.21	3.47	23.33	3.58		
		20	19	26.58	3.11	25.99	3.21	25.25	3.31	24.83	3.37	24.50	3.42	23.61	3.52		
		25	23	26.90	3.05	26.30	3.16	25.55	3.26	25.13	3.31	24.80	3.36	23.90	3.46		
		30	28	27.31	2.99	26.70	3.09	25.93	3.19	25.51	3.24	25.17	3.29	24.26	3.38		
		35	32	27.63	2.94	27.01	3.03	26.24	3.13	25.81	3.19	25.47	3.23	24.54	3.33		
		40	36	27.95	2.89	27.33	2.98	26.55	3.08	26.11	3.13	25.77	3.17	24.83	3.27		
		45	41	28.36	2.82	27.72	2.91	26.93	3.01	26.49	3.06	26.14	3.10	25.19	3.19		
		47	43	28.52	2.79	27.88	2.89	27.08	2.98	26.64	3.03	26.29	3.07	25.33	3.16		
		50	46	28.60	2.78	28.02	2.86	27.33	2.94	26.93	2.99	26.62	3.02	25.72	3.10		
		55	51	28.74	2.75	28.26	2.81	27.74	2.88	27.42	2.91	27.17	2.94	26.36	3.00		
		60	56	28.88	2.72	28.50	2.77	28.15	2.82	27.91	2.84	27.72	2.86	27.01	2.90		
		63	59	28.96	2.70	28.65	2.74	28.40	2.78	28.21	2.80	28.05	2.81	27.40	2.84		
		68	64	29.05	2.68	28.79	2.72	28.65	2.75	28.50	2.76	28.38	2.76	27.79	2.78		

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 29: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9+15	-13	-13.4	18.52	2.77	18.11	2.86	17.59	2.95	17.30	3.00	17.07	3.04	16.45	3.13
		-4	-4.4	21.99	3.15	21.50	3.26	20.89	3.36	20.54	3.42	20.27	3.47	19.53	3.57
		0	-0.4	23.56	3.31	23.03	3.42	22.37	3.53	22.01	3.59	21.71	3.64	20.92	3.75
		5	4.5	25.51	3.50	24.94	3.62	24.23	3.74	23.83	3.80	23.52	3.85	22.66	3.97
		10	9	26.66	3.40	26.06	3.51	25.32	3.63	24.91	3.69	24.58	3.74	23.68	3.85
		17	15	28.19	3.33	27.56	3.44	26.77	3.55	26.34	3.61	25.99	3.66	25.04	3.77
		20	19	28.54	3.27	27.90	3.38	27.10	3.49	26.66	3.55	26.31	3.60	25.35	3.70
		25	23	28.88	3.22	28.24	3.32	27.43	3.43	26.98	3.49	26.62	3.54	25.66	3.64
		30	28	29.32	3.15	28.66	3.25	27.84	3.36	27.39	3.41	27.02	3.46	26.04	3.56
		35	32	29.66	3.09	29.00	3.19	28.17	3.30	27.71	3.35	27.34	3.40	26.35	3.50
		40	36	30.01	3.04	29.34	3.14	28.50	3.24	28.03	3.29	27.66	3.34	26.66	3.44
		45	41	30.44	2.97	29.76	3.07	28.91	3.17	28.44	3.22	28.06	3.26	27.04	3.36
		47	43	30.61	2.94	29.93	3.04	29.08	3.14	28.60	3.19	28.22	3.23	27.19	3.33
		50	46	30.70	2.92	30.08	3.01	29.34	3.10	28.92	3.14	28.58	3.18	27.61	3.27
		55	51	30.85	2.89	30.34	2.96	29.78	3.03	29.44	3.07	29.17	3.10	28.30	3.16
		60	56	31.00	2.86	30.60	2.92	30.22	2.97	29.97	2.99	29.76	3.01	29.00	3.06
		63	59	31.09	2.84	30.75	2.89	30.49	2.93	30.28	2.95	30.11	2.96	29.41	2.99
		68	64	31.18	2.82	30.91	2.86	30.76	2.89	30.60	2.90	30.47	2.91	29.84	2.93
	12+12	-13	-13.4	18.52	2.77	18.11	2.86	17.59	2.95	17.30	3.00	17.07	3.04	16.45	3.13
		-4	-4.4	21.99	3.15	21.50	3.26	20.89	3.36	20.54	3.42	20.27	3.47	19.53	3.57
		0	-0.4	23.56	3.31	23.03	3.42	22.37	3.53	22.01	3.59	21.71	3.64	20.92	3.75
		5	4.5	25.51	3.50	24.94	3.62	24.23	3.74	23.83	3.80	23.52	3.85	22.66	3.97
		10	9	26.66	3.40	26.06	3.51	25.32	3.63	24.91	3.69	24.58	3.74	23.68	3.85
		17	15	28.19	3.33	27.56	3.44	26.77	3.55	26.34	3.61	25.99	3.66	25.04	3.77
		20	19	28.54	3.27	27.90	3.38	27.10	3.49	26.66	3.55	26.31	3.60	25.35	3.70
		25	23	28.88	3.22	28.24	3.32	27.43	3.43	26.98	3.49	26.62	3.54	25.66	3.64
		30	28	29.32	3.15	28.66	3.25	27.84	3.36	27.39	3.41	27.02	3.46	26.04	3.56
		35	32	29.66	3.09	29.00	3.19	28.17	3.30	27.71	3.35	27.34	3.40	26.35	3.50
		40	36	30.01	3.04	29.34	3.14	28.50	3.24	28.03	3.29	27.66	3.34	26.66	3.44
		45	41	30.44	2.97	29.76	3.07	28.91	3.17	28.44	3.22	28.06	3.26	27.04	3.36
		47	43	30.61	2.94	29.93	3.04	29.08	3.14	28.60	3.19	28.22	3.23	27.19	3.33
		50	46	30.70	2.92	30.08	3.01	29.34	3.10	28.92	3.14	28.58	3.18	27.61	3.27
		55	51	30.85	2.89	30.34	2.96	29.78	3.03	29.44	3.07	29.17	3.10	28.30	3.16
		60	56	31.00	2.86	30.60	2.92	30.22	2.97	29.97	2.99	29.76	3.01	29.00	3.06
		63	59	31.09	2.84	30.75	2.89	30.49	2.93	30.28	2.95	30.11	2.96	29.41	2.99
		68	64	31.18	2.82	30.91	2.86	30.76	2.89	30.60	2.90	30.47	2.91	29.84	2.93
	7+18	-13	-13.4	18.52	2.77	18.11	2.86	17.59	2.95	17.30	3.00	17.07	3.04	16.45	3.13
		-4	-4.4	21.99	3.15	21.50	3.26	20.89	3.36	20.54	3.42	20.27	3.47	19.53	3.57
		0	-0.4	23.56	3.31	23.03	3.42	22.37	3.53	22.01	3.59	21.71	3.64	20.92	3.75
		5	4.5	25.51	3.50	24.94	3.62	24.23	3.74	23.83	3.80	23.52	3.85	22.66	3.97
		10	9	26.66	3.40	26.06	3.51	25.32	3.63	24.91	3.69	24.58	3.74	23.68	3.85
		17	15	28.19	3.33	27.56	3.44	26.77	3.55	26.34	3.61	25.99	3.66	25.04	3.77
		20	19	28.54	3.27	27.90	3.38	27.10	3.49	26.66	3.55	26.31	3.60	25.35	3.70
		25	23	28.88	3.22	28.24	3.32	27.43	3.43	26.98	3.49	26.62	3.54	25.66	3.64
		30	28	29.32	3.15	28.66	3.25	27.84	3.36	27.39	3.41	27.02	3.46	26.04	3.56
		35	32	29.66	3.09	29.00	3.19	28.17	3.30	27.71	3.35	27.34	3.40	26.35	3.50
		40	36	30.01	3.04	29.34	3.14	28.50	3.24	28.03	3.29	27.66	3.34	26.66	3.44
		45	41	30.44	2.97	29.76	3.07	28.91	3.17	28.44	3.22	28.06	3.26	27.04	3.36
		47	43	30.61	2.94	29.93	3.04	29.08	3.14	28.60	3.19	28.22	3.23	27.19	3.33
		50	46	30.70	2.92	30.08	3.01	29.34	3.10	28.92	3.14	28.58	3.18	27.61	3.27
		55	51	30.85	2.89	30.34	2.96	29.78	3.03	29.44	3.07	29.17	3.10	28.30	3.16
		60	56	31.00	2.86	30.60	2.92	30.22	2.97	29.97	2.99	29.76	3.01	29.00	3.06
		63	59	31.09	2.84	30.75	2.89	30.49	2.93	30.28	2.95	30.11	2.96	29.41	2.99
		68	64	31.18	2.82	30.91	2.86	30.76	2.89	30.60	2.90	30.47	2.91	29.84	2.93

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 30: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9+18	-13	-13.4	19.65	2.88	19.21	2.98	18.66	3.07	18.36	3.13	18.11	3.17	17.45	3.26
		-4	-4.4	23.33	3.28	22.81	3.39	22.16	3.50	21.79	3.56	21.50	3.61	20.72	3.72
		0	-0.4	24.99	3.44	24.43	3.56	23.73	3.67	23.34	3.74	23.03	3.79	22.20	3.90
		5	4.5	27.06	3.65	26.46	3.77	25.70	3.89	25.28	3.96	24.95	4.01	24.04	4.13
		10	9	28.28	3.54	27.65	3.66	26.86	3.77	26.42	3.84	26.07	3.89	25.12	4.01
		17	15	29.91	3.46	29.24	3.58	28.40	3.69	27.94	3.75	27.57	3.80	26.57	3.92
		20	19	30.27	3.40	29.60	3.52	28.75	3.63	28.28	3.69	27.91	3.74	26.89	3.85
		25	23	30.64	3.35	29.96	3.46	29.10	3.57	28.63	3.63	28.24	3.68	27.22	3.79
		30	28	31.10	3.28	30.41	3.38	29.54	3.49	29.05	3.55	28.67	3.60	27.63	3.71
		35	32	31.47	3.22	30.76	3.32	29.89	3.43	29.40	3.49	29.01	3.54	27.95	3.64
		40	36	31.83	3.16	31.12	3.27	30.23	3.37	29.74	3.43	29.34	3.47	28.28	3.58
		45	41	32.29	3.09	31.57	3.19	30.67	3.29	30.17	3.35	29.77	3.40	28.69	3.50
		47	43	32.48	3.06	31.75	3.16	30.84	3.26	30.34	3.32	29.94	3.36	28.85	3.47
		50	46	32.57	3.04	31.92	3.13	31.13	3.22	30.67	3.27	30.31	3.31	29.29	3.40
		55	51	32.73	3.01	32.19	3.08	31.59	3.16	31.23	3.19	30.94	3.22	30.03	3.29
		60	56	32.89	2.98	32.46	3.04	32.06	3.09	31.79	3.11	31.57	3.13	30.76	3.18
		63	59	32.99	2.96	32.63	3.01	32.34	3.05	32.12	3.07	31.95	3.08	31.20	3.12
		68	64	33.08	2.94	32.79	2.98	32.63	3.01	32.46	3.02	32.33	3.03	31.65	3.05
	12+15	-13	-13.4	19.65	2.88	19.21	2.98	18.66	3.07	18.36	3.13	18.11	3.17	17.45	3.26
		-4	-4.4	23.33	3.28	22.81	3.39	22.16	3.50	21.79	3.56	21.50	3.61	20.72	3.72
		0	-0.4	24.99	3.44	24.43	3.56	23.73	3.67	23.34	3.74	23.03	3.79	22.20	3.90
		5	4.5	27.06	3.65	26.46	3.77	25.70	3.89	25.28	3.96	24.95	4.01	24.04	4.13
		10	9	28.28	3.54	27.65	3.66	26.86	3.77	26.42	3.84	26.07	3.89	25.12	4.01
		17	15	29.91	3.46	29.24	3.58	28.40	3.69	27.94	3.75	27.57	3.80	26.57	3.92
		20	19	30.27	3.40	29.60	3.52	28.75	3.63	28.28	3.69	27.91	3.74	26.89	3.85
		25	23	30.64	3.35	29.96	3.46	29.10	3.57	28.63	3.63	28.24	3.68	27.22	3.79
		30	28	31.10	3.28	30.41	3.38	29.54	3.49	29.05	3.55	28.67	3.60	27.63	3.71
		35	32	31.47	3.22	30.76	3.32	29.89	3.43	29.40	3.49	29.01	3.54	27.95	3.64
		40	36	31.83	3.16	31.12	3.27	30.23	3.37	29.74	3.43	29.34	3.47	28.28	3.58
		45	41	32.29	3.09	31.57	3.19	30.67	3.29	30.17	3.35	29.77	3.40	28.69	3.50
		47	43	32.48	3.06	31.75	3.16	30.84	3.26	30.34	3.32	29.94	3.36	28.85	3.47
		50	46	32.57	3.04	31.92	3.13	31.13	3.22	30.67	3.27	30.31	3.31	29.29	3.40
		55	51	32.73	3.01	32.19	3.08	31.59	3.16	31.23	3.19	30.94	3.22	30.03	3.29
		60	56	32.89	2.98	32.46	3.04	32.06	3.09	31.79	3.11	31.57	3.13	30.76	3.18
		63	59	32.99	2.96	32.63	3.01	32.34	3.05	32.12	3.07	31.95	3.08	31.20	3.12
		68	64	33.08	2.94	32.79	2.98	32.63	3.01	32.46	3.02	32.33	3.03	31.65	3.05
	12+18	-13	-13.4	21.37	3.03	20.89	3.13	20.30	3.23	19.97	3.29	19.70	3.33	18.98	3.43
		-4	-4.4	25.37	3.45	24.81	3.57	24.10	3.68	23.70	3.74	23.39	3.79	22.54	3.91
		0	-0.4	27.18	3.62	26.57	3.74	25.81	3.86	25.39	3.93	25.05	3.98	24.14	4.10
		5	4.5	29.44	3.83	28.78	3.96	27.96	4.09	27.50	4.16	27.13	4.21	26.15	4.34
		10	9	30.76	3.72	30.07	3.84	29.22	3.97	28.74	4.04	28.36	4.09	27.32	4.21
		17	15	32.53	3.64	31.80	3.76	30.89	3.88	30.39	3.95	29.98	4.00	28.89	4.12
		20	19	32.93	3.58	32.19	3.70	31.27	3.82	30.76	3.88	30.35	3.93	29.25	4.05
		25	23	33.33	3.52	32.58	3.63	31.65	3.75	31.13	3.82	30.72	3.87	29.60	3.98
		30	28	33.83	3.44	33.07	3.56	32.13	3.67	31.60	3.73	31.18	3.78	30.05	3.90
		35	32	34.23	3.38	33.46	3.50	32.51	3.61	31.97	3.67	31.55	3.72	30.40	3.83
		40	36	34.63	3.32	33.85	3.43	32.88	3.54	32.35	3.60	31.92	3.65	30.76	3.76
		45	41	35.12	3.25	34.34	3.36	33.36	3.46	32.81	3.52	32.38	3.57	31.20	3.68
		47	43	35.32	3.22	34.53	3.32	33.55	3.43	33.00	3.49	32.56	3.54	31.38	3.64
		50	46	35.43	3.20	34.71	3.29	33.85	3.39	33.36	3.44	32.97	3.48	31.86	3.57
		55	51	35.60	3.16	35.01	3.24	34.36	3.32	33.97	3.36	33.65	3.39	32.66	3.46
		60	56	35.77	3.13	35.31	3.19	34.87	3.25	34.58	3.27	34.34	3.29	33.46	3.34
		63	59	35.88	3.11	35.49	3.16	35.18	3.21	34.94	3.22	34.75	3.24	33.94	3.28
		68	64	35.98	3.09	35.67	3.13	35.49	3.17	35.31	3.17	35.16	3.18	34.43	3.21

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 31: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15+15	-13	-13.4	21.37	3.03	20.89	3.13	20.30	3.23	19.97	3.29	19.70	3.33	18.98	3.43
		-4	-4.4	25.37	3.45	24.81	3.57	24.10	3.68	23.70	3.74	23.39	3.79	22.54	3.91
		0	-0.4	27.18	3.62	26.57	3.74	25.81	3.86	25.39	3.93	25.05	3.98	24.14	4.10
		5	4.5	29.44	3.83	28.78	3.96	27.96	4.09	27.50	4.16	27.13	4.21	26.15	4.34
		10	9	30.76	3.72	30.07	3.84	29.22	3.97	28.74	4.04	28.36	4.09	27.32	4.21
		17	15	32.53	3.64	31.80	3.76	30.89	3.88	30.39	3.95	29.98	4.00	28.89	4.12
		20	19	32.93	3.58	32.19	3.70	31.27	3.82	30.76	3.88	30.35	3.93	29.25	4.05
		25	23	33.33	3.52	32.58	3.63	31.65	3.75	31.13	3.82	30.72	3.87	29.60	3.98
		30	28	33.83	3.44	33.07	3.56	32.13	3.67	31.60	3.73	31.18	3.78	30.05	3.90
		35	32	34.23	3.38	33.46	3.50	32.51	3.61	31.97	3.67	31.55	3.72	30.40	3.83
		40	36	34.63	3.32	33.85	3.43	32.88	3.54	32.35	3.60	31.92	3.65	30.76	3.76
		45	41	35.12	3.25	34.34	3.36	33.36	3.46	32.81	3.52	32.38	3.57	31.20	3.68
		47	43	35.32	3.22	34.53	3.32	33.55	3.43	33.00	3.49	32.56	3.54	31.38	3.64
		50	46	35.43	3.20	34.71	3.29	33.85	3.39	33.36	3.44	32.97	3.48	31.86	3.57
		55	51	35.60	3.16	35.01	3.24	34.36	3.32	33.97	3.36	33.65	3.39	32.66	3.46
	7+24	60	56	35.77	3.13	35.31	3.19	34.87	3.25	34.58	3.27	34.34	3.29	33.46	3.34
		63	59	35.88	3.11	35.49	3.16	35.18	3.21	34.94	3.22	34.75	3.24	33.94	3.28
		68	64	35.98	3.09	35.67	3.13	35.49	3.17	35.31	3.17	35.16	3.18	34.43	3.21
		-13	-13.4	21.37	3.03	20.89	3.13	20.30	3.23	19.97	3.29	19.70	3.33	18.98	3.43
		-4	-4.4	25.37	3.45	24.81	3.57	24.10	3.68	23.70	3.74	23.39	3.79	22.54	3.91
		0	-0.4	27.18	3.62	26.57	3.74	25.81	3.86	25.39	3.93	25.05	3.98	24.14	4.10
		5	4.5	29.44	3.83	28.78	3.96	27.96	4.09	27.50	4.16	27.13	4.21	26.15	4.34
		10	9	30.76	3.72	30.07	3.84	29.22	3.97	28.74	4.04	28.36	4.09	27.32	4.21
		17	15	32.53	3.64	31.80	3.76	30.89	3.88	30.39	3.95	29.98	4.00	28.89	4.12
		20	19	32.93	3.58	32.19	3.70	31.27	3.82	30.76	3.88	30.35	3.93	29.25	4.05
		25	23	33.33	3.52	32.58	3.63	31.65	3.75	31.13	3.82	30.72	3.87	29.60	3.98
		30	28	33.83	3.44	33.07	3.56	32.13	3.67	31.60	3.73	31.18	3.78	30.05	3.90
		35	32	34.23	3.38	33.46	3.50	32.51	3.61	31.97	3.67	31.55	3.72	30.40	3.83
		40	36	34.63	3.32	33.85	3.43	32.88	3.54	32.35	3.60	31.92	3.65	30.76	3.76
		45	41	35.12	3.25	34.34	3.36	33.36	3.46	32.81	3.52	32.38	3.57	31.20	3.68
		47	43	35.32	3.22	34.53	3.32	33.55	3.43	33.00	3.49	32.56	3.54	31.38	3.64
	9+24	50	46	35.43	3.20	34.71	3.29	33.85	3.39	33.36	3.44	32.97	3.48	31.86	3.57
		55	51	35.60	3.16	35.01	3.24	34.36	3.32	33.97	3.36	33.65	3.39	32.66	3.46
		60	56	35.77	3.13	35.31	3.19	34.87	3.25	34.58	3.27	34.34	3.29	33.46	3.34
		63	59	35.88	3.11	35.49	3.16	35.18	3.21	34.94	3.22	34.75	3.24	33.94	3.28
		68	64	35.98	3.09	35.67	3.13	35.49	3.17	35.31	3.17	35.16	3.18	34.43	3.21
		-13	-13.4	21.37	3.03	20.89	3.13	20.30	3.23	19.97	3.29	19.70	3.33	18.98	3.43
		-4	-4.4	25.37	3.45	24.81	3.57	24.10	3.68	23.70	3.74	23.39	3.79	22.54	3.91
		0	-0.4	27.18	3.62	26.57	3.74	25.81	3.86	25.39	3.93	25.05	3.98	24.14	4.10
		5	4.5	29.44	3.83	28.78	3.96	27.96	4.09	27.50	4.16	27.13	4.21	26.15	4.34
		10	9	30.76	3.72	30.07	3.84	29.22	3.97	28.74	4.04	28.36	4.09	27.32	4.21
		17	15	32.53	3.64	31.80	3.76	30.89	3.88	30.39	3.95	29.98	4.00	28.89	4.12
		20	19	32.93	3.58	32.19	3.70	31.27	3.82	30.76	3.88	30.35	3.93	29.25	4.05
		25	23	33.33	3.52	32.58	3.63	31.65	3.75	31.13	3.82	30.72	3.87	29.60	3.98
		30	28	33.83	3.44	33.07	3.56	32.13	3.67	31.60	3.73	31.18	3.78	30.05	3.90
		35	32	34.23	3.38	33.46	3.50	32.51	3.61	31.97	3.67	31.55	3.72	30.40	3.83
		40	36	34.63	3.32	33.85	3.43	32.88	3.54	32.35	3.60	31.92	3.65	30.76	3.76
		45	41	35.12	3.25	34.34	3.36	33.36	3.46	32.81	3.52	32.38	3.57	31.20	3.68
		47	43	35.32	3.22	34.53	3.32	33.55	3.43	33.00	3.49	32.56	3.54	31.38	3.64
		50	46	35.43	3.20	34.71	3.29	33.85	3.39	33.36	3.44	32.97	3.48	31.86	3.57
		55	51	35.60	3.16	35.01	3.24	34.36	3.32	33.97	3.36	33.65	3.39	32.66	3.46
		60	56	35.77	3.13	35.31	3.19	34.87	3.25	34.58	3.27	34.34	3.29	33.46	3.34
		63	59	35.88	3.11	35.49	3.16	35.18	3.21	34.94	3.22	34.75	3.24	33.94	3.28
		68	64	35.98	3.09	35.67	3.13	35.49	3.17	35.31	3.17	35.16	3.18	34.43	3.21

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 32: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15+18	-13	-13.4	21.37	3.03	20.89	3.13	20.30	3.23	19.97	3.29	19.70	3.33	18.98	3.43
		-4	-4.4	25.37	3.45	24.81	3.57	24.10	3.68	23.70	3.74	23.39	3.79	22.54	3.91
		0	-0.4	27.18	3.62	26.57	3.74	25.81	3.86	25.39	3.93	25.05	3.98	24.14	4.10
		5	4.5	29.44	3.83	28.78	3.96	27.96	4.09	27.50	4.16	27.13	4.21	26.15	4.34
		10	9	30.76	3.72	30.07	3.84	29.22	3.97	28.74	4.04	28.36	4.09	27.32	4.21
		17	15	32.53	3.64	31.80	3.76	30.89	3.88	30.39	3.95	29.98	4.00	28.89	4.12
		20	19	32.93	3.58	32.19	3.70	31.27	3.82	30.76	3.88	30.35	3.93	29.25	4.05
		25	23	33.33	3.52	32.58	3.63	31.65	3.75	31.13	3.82	30.72	3.87	29.60	3.98
		30	28	33.83	3.44	33.07	3.56	32.13	3.67	31.60	3.73	31.18	3.78	30.05	3.90
		35	32	34.23	3.38	33.46	3.50	32.51	3.61	31.97	3.67	31.55	3.72	30.40	3.83
		40	36	34.63	3.32	33.85	3.43	32.88	3.54	32.35	3.60	31.92	3.65	30.76	3.76
		45	41	35.12	3.25	34.34	3.36	33.36	3.46	32.81	3.52	32.38	3.57	31.20	3.68
		47	43	35.32	3.22	34.53	3.32	33.55	3.43	33.00	3.49	32.56	3.54	31.38	3.64
		50	46	35.43	3.20	34.71	3.29	33.85	3.39	33.36	3.44	32.97	3.48	31.86	3.57
		55	51	35.60	3.16	35.01	3.24	34.36	3.32	33.97	3.36	33.65	3.39	32.66	3.46
		60	56	35.77	3.13	35.31	3.19	34.87	3.25	34.58	3.27	34.34	3.29	33.46	3.34
		63	59	35.88	3.11	35.49	3.16	35.18	3.21	34.94	3.22	34.75	3.24	33.94	3.28
		68	64	35.98	3.09	35.67	3.13	35.49	3.17	35.31	3.17	35.16	3.18	34.43	3.21
	18+18	-13	-13.4	21.37	3.03	20.89	3.13	20.30	3.23	19.97	3.29	19.70	3.33	18.98	3.43
		-4	-4.4	25.37	3.45	24.81	3.57	24.10	3.68	23.70	3.74	23.39	3.79	22.54	3.91
		0	-0.4	27.18	3.62	26.57	3.74	25.81	3.86	25.39	3.93	25.05	3.98	24.14	4.10
		5	4.5	29.44	3.83	28.78	3.96	27.96	4.09	27.50	4.16	27.13	4.21	26.15	4.34
		10	9	30.76	3.72	30.07	3.84	29.22	3.97	28.74	4.04	28.36	4.09	27.32	4.21
		17	15	32.53	3.64	31.80	3.76	30.89	3.88	30.39	3.95	29.98	4.00	28.89	4.12
		20	19	32.93	3.58	32.19	3.70	31.27	3.82	30.76	3.88	30.35	3.93	29.25	4.05
		25	23	33.33	3.52	32.58	3.63	31.65	3.75	31.13	3.82	30.72	3.87	29.60	3.98
		30	28	33.83	3.44	33.07	3.56	32.13	3.67	31.60	3.73	31.18	3.78	30.05	3.90
		35	32	34.23	3.38	33.46	3.50	32.51	3.61	31.97	3.67	31.55	3.72	30.40	3.83
		40	36	34.63	3.32	33.85	3.43	32.88	3.54	32.35	3.60	31.92	3.65	30.76	3.76
		45	41	35.12	3.25	34.34	3.36	33.36	3.46	32.81	3.52	32.38	3.57	31.20	3.68
		47	43	35.32	3.22	34.53	3.32	33.55	3.43	33.00	3.49	32.56	3.54	31.38	3.64
		50	46	35.43	3.20	34.71	3.29	33.85	3.39	33.36	3.44	32.97	3.48	31.86	3.57
		55	51	35.60	3.16	35.01	3.24	34.36	3.32	33.97	3.36	33.65	3.39	32.66	3.46
		60	56	35.77	3.13	35.31	3.19	34.87	3.25	34.58	3.27	34.34	3.29	33.46	3.34
		63	59	35.88	3.11	35.49	3.16	35.18	3.21	34.94	3.22	34.75	3.24	33.94	3.28
		68	64	35.98	3.09	35.67	3.13	35.49	3.17	35.31	3.17	35.16	3.18	34.43	3.21
	12+24	-13	-13.4	21.37	3.03	20.89	3.13	20.30	3.23	19.97	3.29	19.70	3.33	18.98	3.43
		-4	-4.4	25.37	3.45	24.81	3.57	24.10	3.68	23.70	3.74	23.39	3.79	22.54	3.91
		0	-0.4	27.18	3.62	26.57	3.74	25.81	3.86	25.39	3.93	25.05	3.98	24.14	4.10
		5	4.5	29.44	3.83	28.78	3.96	27.96	4.09	27.50	4.16	27.13	4.21	26.15	4.34
		10	9	30.76	3.72	30.07	3.84	29.22	3.97	28.74	4.04	28.36	4.09	27.32	4.21
		17	15	32.53	3.64	31.80	3.76	30.89	3.88	30.39	3.95	29.98	4.00	28.89	4.12
		20	19	32.93	3.58	32.19	3.70	31.27	3.82	30.76	3.88	30.35	3.93	29.25	4.05
		25	23	33.33	3.52	32.58	3.63	31.65	3.75	31.13	3.82	30.72	3.87	29.60	3.98
		30	28	33.83	3.44	33.07	3.56	32.13	3.67	31.60	3.73	31.18	3.78	30.05	3.90
		35	32	34.23	3.38	33.46	3.50	32.51	3.61	31.97	3.67	31.55	3.72	30.40	3.83
		40	36	34.63	3.32	33.85	3.43	32.88	3.54	32.35	3.60	31.92	3.65	30.76	3.76
		45	41	35.12	3.25	34.34	3.36	33.36	3.46	32.81	3.52	32.38	3.57	31.20	3.68
		47	43	35.32	3.22	34.53	3.32	33.55	3.43	33.00	3.49	32.56	3.54	31.38	3.64
		50	46	35.43	3.20	34.71	3.29	33.85	3.39	33.36	3.44	32.97	3.48	31.86	3.57
		55	51	35.60	3.16	35.01	3.24	34.36	3.32	33.97	3.36	33.65	3.39	32.66	3.46
		60	56	35.77	3.13	35.31	3.19	34.87	3.25	34.58	3.27	34.34	3.29	33.46	3.34
		63	59	35.88	3.11	35.49	3.16	35.18	3.21	34.94	3.22	34.75	3.24	33.94	3.28
		68	64	35.98	3.09	35.67	3.13	35.49	3.17	35.31	3.17	35.16	3.18	34.43	3.21

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 33: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	15+24	-13	-13.4	21.37	3.03	20.89	3.13	20.30	3.23	19.97	3.29	19.70	3.33	18.98	3.43
		-4	-4.4	25.37	3.45	24.81	3.57	24.10	3.68	23.70	3.74	23.39	3.79	22.54	3.91
		0	-0.4	27.18	3.62	26.57	3.74	25.81	3.86	25.39	3.93	25.05	3.98	24.14	4.10
		5	4.5	29.44	3.83	28.78	3.96	27.96	4.09	27.50	4.16	27.13	4.21	26.15	4.34
		10	9	30.76	3.72	30.07	3.84	29.22	3.97	28.74	4.04	28.36	4.09	27.32	4.21
		17	15	32.53	3.64	31.80	3.76	30.89	3.88	30.39	3.95	29.98	4.00	28.89	4.12
		20	19	32.93	3.58	32.19	3.70	31.27	3.82	30.76	3.88	30.35	3.93	29.25	4.05
		25	23	33.33	3.52	32.58	3.63	31.65	3.75	31.13	3.82	30.72	3.87	29.60	3.98
		30	28	33.83	3.44	33.07	3.56	32.13	3.67	31.60	3.73	31.18	3.78	30.05	3.90
		35	32	34.23	3.38	33.46	3.50	32.51	3.61	31.97	3.67	31.55	3.72	30.40	3.83
		40	36	34.63	3.32	33.85	3.43	32.88	3.54	32.35	3.60	31.92	3.65	30.76	3.76
		45	41	35.12	3.25	34.34	3.36	33.36	3.46	32.81	3.52	32.38	3.57	31.20	3.68
		47	43	35.32	3.22	34.53	3.32	33.55	3.43	33.00	3.49	32.56	3.54	31.38	3.64
		50	46	35.43	3.20	34.71	3.29	33.85	3.39	33.36	3.44	32.97	3.48	31.86	3.57
		55	51	35.60	3.16	35.01	3.24	34.36	3.32	33.97	3.36	33.65	3.39	32.66	3.46
		60	56	35.77	3.13	35.31	3.19	34.87	3.25	34.58	3.27	34.34	3.29	33.46	3.34
		63	59	35.88	3.11	35.49	3.16	35.18	3.21	34.94	3.22	34.75	3.24	33.94	3.28
		68	64	35.98	3.09	35.67	3.13	35.49	3.17	35.31	3.17	35.16	3.18	34.43	3.21
Three (3) Non-Ducted Indoor Units	7+7+7	-13	-13.4	16.27	2.40	15.90	2.48	15.45	2.56	15.20	2.61	15.00	2.64	14.45	2.72
		-4	-4.4	19.32	2.74	18.88	2.83	18.34	2.92	18.04	2.97	17.80	3.01	17.16	3.10
		0	-0.4	20.69	2.87	20.23	2.97	19.65	3.06	19.33	3.12	19.07	3.16	18.38	3.25
		5	4.5	22.41	3.04	21.91	3.14	21.28	3.24	20.93	3.30	20.66	3.35	19.90	3.45
		10	9	23.42	2.95	22.89	3.05	22.24	3.15	21.88	3.20	21.59	3.25	20.80	3.34
		17	15	24.76	2.89	24.21	2.98	23.52	3.08	23.13	3.13	22.82	3.17	21.99	3.27
		20	19	25.07	2.84	24.51	2.93	23.81	3.03	23.42	3.08	23.11	3.12	22.26	3.22
		25	23	25.37	2.79	24.80	2.88	24.09	2.98	23.70	3.03	23.39	3.07	22.53	3.16
		30	28	25.75	2.73	25.17	2.82	24.45	2.91	24.06	2.96	23.74	3.00	22.87	3.09
		35	32	26.05	2.69	25.47	2.77	24.74	2.86	24.34	2.91	24.02	2.95	23.14	3.04
		40	36	26.36	2.64	25.77	2.72	25.03	2.81	24.62	2.86	24.30	2.90	23.41	2.99
		45	41	26.74	2.58	26.14	2.66	25.39	2.75	24.98	2.80	24.65	2.83	23.75	2.92
		47	43	26.89	2.55	26.29	2.64	25.54	2.72	25.12	2.77	24.79	2.81	23.88	2.89
		50	46	26.97	2.54	26.42	2.61	25.77	2.69	25.40	2.73	25.10	2.76	24.25	2.84
		55	51	27.10	2.51	26.65	2.57	26.16	2.63	25.86	2.66	25.62	2.69	24.86	2.75
		60	56	27.23	2.48	26.88	2.53	26.55	2.58	26.32	2.60	26.14	2.61	25.47	2.65
		63	59	27.31	2.47	27.01	2.51	26.78	2.55	26.60	2.56	26.45	2.57	25.83	2.60
		68	64	27.39	2.45	27.15	2.48	27.01	2.51	26.88	2.52	26.77	2.53	26.21	2.55
	7+7+9	-13	-13.4	17.82	2.51	17.42	2.59	16.92	2.67	16.64	2.72	16.42	2.76	15.83	2.84
		-4	-4.4	21.15	2.86	20.68	2.95	20.09	3.05	19.76	3.10	19.50	3.14	18.79	3.24
		0	-0.4	22.66	3.00	22.15	3.10	21.52	3.20	21.17	3.25	20.89	3.30	20.13	3.40
		5	4.5	24.54	3.18	23.99	3.28	23.31	3.39	22.93	3.44	22.62	3.49	21.80	3.60
		10	9	25.64	3.08	25.07	3.18	24.36	3.28	23.96	3.34	23.64	3.39	22.78	3.49
		17	15	27.12	3.01	26.51	3.11	25.75	3.21	25.33	3.27	25.00	3.31	24.09	3.41
		20	19	27.45	2.96	26.84	3.06	26.07	3.16	25.64	3.21	25.30	3.26	24.38	3.36
		25	23	27.78	2.91	27.16	3.01	26.39	3.11	25.96	3.16	25.61	3.20	24.68	3.30
		30	28	28.20	2.85	27.57	2.95	26.78	3.04	26.34	3.09	25.99	3.13	25.05	3.23
		35	32	28.53	2.80	27.89	2.89	27.10	2.99	26.65	3.04	26.30	3.08	25.34	3.17
		40	36	28.87	2.75	28.22	2.84	27.41	2.93	26.97	2.98	26.61	3.02	25.64	3.12
		45	41	29.28	2.69	28.63	2.78	27.81	2.87	27.35	2.92	26.99	2.96	26.01	3.05
		47	43	29.45	2.66	28.79	2.75	27.97	2.84	27.51	2.89	27.14	2.93	26.16	3.02
		50	46	29.53	2.65	28.94	2.73	28.22	2.81	27.81	2.85	27.49	2.88	26.56	2.96
		55	51	29.68	2.62	29.19	2.68	28.65	2.75	28.32	2.78	28.06	2.80	27.23	2.86
		60	56	29.82	2.59	29.43	2.64	29.07	2.69	28.82	2.71	28.62	2.73	27.89	2.77
		63	59	29.91	2.58	29.58	2.62	29.33	2.66	29.13	2.67	28.97	2.68	28.29	2.71
		68	64	30.00	2.56	29.73	2.59	29.58	2.62	29.43	2.63	29.31	2.63	28.70	2.66

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 34: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+9+9	-13	-13.4	19.36	2.64	18.93	2.73	18.39	2.81	18.09	2.86	17.85	2.90	17.20	2.99
		-4	-4.4	22.99	3.01	22.48	3.11	21.83	3.20	21.48	3.26	21.19	3.30	20.42	3.40
		0	-0.4	24.63	3.15	24.08	3.26	23.39	3.36	23.01	3.42	22.70	3.47	21.88	3.57
		5	4.5	26.67	3.34	26.08	3.45	25.33	3.56	24.92	3.62	24.59	3.67	23.69	3.78
		10	9	27.87	3.24	27.25	3.35	26.47	3.46	26.04	3.51	25.69	3.56	24.76	3.67
		17	15	29.47	3.17	28.81	3.27	27.99	3.38	27.53	3.44	27.17	3.48	26.18	3.59
		20	19	29.84	3.12	29.17	3.22	28.33	3.32	27.87	3.38	27.50	3.43	26.50	3.53
		25	23	30.20	3.06	29.52	3.17	28.68	3.27	28.21	3.32	27.84	3.37	26.82	3.47
		30	28	30.65	3.00	29.96	3.10	29.11	3.20	28.63	3.25	28.25	3.30	27.22	3.40
		35	32	31.01	2.95	30.32	3.04	29.45	3.14	28.97	3.20	28.59	3.24	27.55	3.34
		40	36	31.37	2.89	30.67	2.99	29.80	3.09	29.31	3.14	28.92	3.18	27.87	3.28
		45	41	31.83	2.83	31.11	2.92	30.22	3.02	29.73	3.07	29.34	3.11	28.27	3.20
		47	43	32.01	2.80	31.29	2.90	30.40	2.99	29.90	3.04	29.50	3.08	28.43	3.17
		50	46	32.10	2.79	31.45	2.87	30.67	2.95	30.23	3.00	29.87	3.03	28.87	3.11
		55	51	32.26	2.76	31.72	2.82	31.14	2.89	30.78	2.92	30.49	2.95	29.59	3.01
		60	56	32.41	2.73	31.99	2.78	31.60	2.83	31.33	2.85	31.11	2.87	30.32	2.91
		63	59	32.51	2.71	32.15	2.75	31.88	2.79	31.66	2.81	31.48	2.82	30.75	2.85
		68	64	32.60	2.69	32.32	2.73	32.15	2.76	31.99	2.77	31.86	2.77	31.19	2.79
	7+7+12	-13	-13.4	19.36	2.64	18.93	2.73	18.39	2.81	18.09	2.86	17.85	2.90	17.20	2.99
		-4	-4.4	22.99	3.01	22.48	3.11	21.83	3.20	21.48	3.26	21.19	3.30	20.42	3.40
		0	-0.4	24.63	3.15	24.08	3.26	23.39	3.36	23.01	3.42	22.70	3.47	21.88	3.57
		5	4.5	26.67	3.34	26.08	3.45	25.33	3.56	24.92	3.62	24.59	3.67	23.69	3.78
		10	9	27.87	3.24	27.25	3.35	26.47	3.46	26.04	3.51	25.69	3.56	24.76	3.67
		17	15	29.47	3.17	28.81	3.27	27.99	3.38	27.53	3.44	27.17	3.48	26.18	3.59
		20	19	29.84	3.12	29.17	3.22	28.33	3.32	27.87	3.38	27.50	3.43	26.50	3.53
		25	23	30.20	3.06	29.52	3.17	28.68	3.27	28.21	3.32	27.84	3.37	26.82	3.47
		30	28	30.65	3.00	29.96	3.10	29.11	3.20	28.63	3.25	28.25	3.30	27.22	3.40
		35	32	31.01	2.95	30.32	3.04	29.45	3.14	28.97	3.20	28.59	3.24	27.55	3.34
		40	36	31.37	2.89	30.67	2.99	29.80	3.09	29.31	3.14	28.92	3.18	27.87	3.28
		45	41	31.83	2.83	31.11	2.92	30.22	3.02	29.73	3.07	29.34	3.11	28.27	3.20
		47	43	32.01	2.80	31.29	2.90	30.40	2.99	29.90	3.04	29.50	3.08	28.43	3.17
		50	46	32.10	2.79	31.45	2.87	30.67	2.95	30.23	3.00	29.87	3.03	28.87	3.11
		55	51	32.26	2.76	31.72	2.82	31.14	2.89	30.78	2.92	30.49	2.95	29.59	3.01
		60	56	32.41	2.73	31.99	2.78	31.60	2.83	31.33	2.85	31.11	2.87	30.32	2.91
		63	59	32.51	2.71	32.15	2.75	31.88	2.79	31.66	2.81	31.48	2.82	30.75	2.85
		68	64	32.60	2.69	32.32	2.73	32.15	2.76	31.99	2.77	31.86	2.77	31.19	2.79
	9+9+9	-13	-13.4	20.32	2.71	19.86	2.80	19.29	2.89	18.98	2.94	18.73	2.98	18.05	3.07
		-4	-4.4	24.12	3.09	23.58	3.19	22.91	3.29	22.53	3.35	22.23	3.39	21.43	3.49
		0	-0.4	25.84	3.24	25.26	3.34	24.54	3.45	24.14	3.51	23.82	3.56	22.95	3.67
		5	4.5	27.98	3.43	27.36	3.54	26.58	3.65	26.14	3.72	25.79	3.77	24.86	3.88
		10	9	29.24	3.33	28.59	3.44	27.77	3.55	27.32	3.61	26.96	3.66	25.98	3.77
		17	15	30.92	3.25	30.23	3.36	29.37	3.47	28.89	3.53	28.50	3.58	27.47	3.68
		20	19	31.30	3.20	30.60	3.31	29.73	3.41	29.24	3.47	28.85	3.52	27.80	3.62
		25	23	31.68	3.15	30.97	3.25	30.09	3.35	29.60	3.41	29.20	3.46	28.14	3.56
		30	28	32.16	3.08	31.44	3.18	30.54	3.28	30.04	3.34	29.64	3.38	28.56	3.49
		35	32	32.54	3.02	31.81	3.12	30.90	3.22	30.39	3.28	29.99	3.32	28.90	3.42
		40	36	32.92	2.97	32.18	3.07	31.26	3.17	30.75	3.22	30.34	3.27	29.24	3.36
		45	41	33.39	2.90	32.64	3.00	31.71	3.10	31.19	3.15	30.78	3.19	29.66	3.29
		47	43	33.58	2.88	32.83	2.97	31.89	3.07	31.37	3.12	30.95	3.16	29.83	3.26
		50	46	33.68	2.86	33.00	2.94	32.18	3.03	31.72	3.08	31.34	3.11	30.28	3.20
		55	51	33.84	2.83	33.28	2.90	32.67	2.97	32.29	3.00	31.99	3.03	31.05	3.09
		60	56	34.01	2.80	33.56	2.85	33.15	2.90	32.87	2.93	32.64	2.94	31.81	2.99
		63	59	34.11	2.78	33.73	2.82	33.44	2.87	33.21	2.88	33.03	2.89	32.26	2.93
		68	64	34.20	2.76	33.90	2.80	33.74	2.83	33.56	2.84	33.42	2.84	32.73	2.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 35: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+9+12	-13	-13.4	21.00	2.75	20.53	2.84	19.94	2.93	19.61	2.98	19.35	3.02	18.65	3.12
		-4	-4.4	24.93	3.13	24.37	3.24	23.68	3.34	23.29	3.40	22.98	3.45	22.14	3.55
		0	-0.4	26.70	3.29	26.11	3.40	25.36	3.51	24.95	3.57	24.61	3.62	23.72	3.72
		5	4.5	28.92	3.48	28.27	3.60	27.47	3.71	27.02	3.78	26.66	3.83	25.69	3.94
		10	9	30.22	3.38	29.55	3.49	28.70	3.60	28.23	3.67	27.86	3.71	26.84	3.83
		17	15	31.96	3.31	31.24	3.41	30.35	3.52	29.85	3.58	29.46	3.63	28.39	3.74
		20	19	32.35	3.25	31.63	3.36	30.72	3.47	30.22	3.53	29.82	3.57	28.74	3.68
		25	23	32.74	3.20	32.01	3.30	31.10	3.41	30.59	3.47	30.18	3.51	29.08	3.62
		30	28	33.23	3.13	32.49	3.23	31.56	3.33	31.05	3.39	30.63	3.44	29.52	3.54
		35	32	33.62	3.07	32.87	3.17	31.93	3.28	31.41	3.33	30.99	3.38	29.87	3.48
		40	36	34.02	3.02	33.26	3.12	32.31	3.22	31.78	3.27	31.36	3.32	30.22	3.42
		45	41	34.51	2.95	33.74	3.05	32.77	3.15	32.24	3.20	31.81	3.24	30.65	3.34
		47	43	34.70	2.92	33.93	3.02	32.96	3.12	32.42	3.17	31.99	3.21	30.83	3.31
		50	46	34.81	2.90	34.10	2.99	33.26	3.08	32.78	3.12	32.39	3.16	31.30	3.25
		55	51	34.98	2.87	34.40	2.94	33.76	3.01	33.37	3.05	33.06	3.08	32.08	3.14
		60	56	35.15	2.84	34.69	2.90	34.26	2.95	33.97	2.97	33.73	2.99	32.87	3.04
		63	59	35.25	2.82	34.86	2.87	34.56	2.91	34.33	2.93	34.14	2.94	33.34	2.98
		68	64	35.35	2.81	35.04	2.84	34.86	2.88	34.69	2.88	34.54	2.89	33.82	2.91
	7+7+15	-13	-13.4	21.67	2.80	21.19	2.90	20.58	2.99	20.24	3.04	19.97	3.08	19.25	3.17
		-4	-4.4	25.73	3.19	25.15	3.30	24.43	3.41	24.04	3.46	23.72	3.51	22.85	3.62
		0	-0.4	27.56	3.35	26.94	3.46	26.17	3.57	25.75	3.63	25.40	3.68	24.48	3.79
		5	4.5	29.85	3.55	29.18	3.67	28.35	3.78	27.88	3.85	27.51	3.90	26.51	4.02
		10	9	31.19	3.44	30.49	3.56	29.62	3.67	29.14	3.73	28.75	3.79	27.71	3.90
		17	15	32.98	3.37	32.25	3.48	31.32	3.59	30.81	3.65	30.40	3.70	29.30	3.81
		20	19	33.39	3.31	32.64	3.42	31.71	3.53	31.19	3.59	30.78	3.64	29.66	3.75
		25	23	33.79	3.26	33.04	3.36	32.09	3.47	31.57	3.53	31.15	3.58	30.02	3.69
		30	28	34.30	3.19	33.53	3.29	32.57	3.40	32.04	3.46	31.62	3.50	30.47	3.61
		35	32	34.70	3.13	33.93	3.23	32.96	3.34	32.42	3.40	31.99	3.44	30.83	3.55
		40	36	35.11	3.08	34.32	3.18	33.34	3.28	32.80	3.34	32.36	3.38	31.19	3.48
		45	41	35.61	3.01	34.82	3.11	33.82	3.20	33.27	3.26	32.83	3.30	31.63	3.40
		47	43	35.82	2.98	35.02	3.08	34.02	3.18	33.46	3.23	33.02	3.27	31.81	3.37
		50	46	35.92	2.96	35.20	3.05	34.33	3.14	33.83	3.18	33.43	3.22	32.30	3.31
		55	51	36.10	2.93	35.50	3.00	34.84	3.07	34.44	3.11	34.12	3.13	33.11	3.20
		60	56	36.27	2.90	35.80	2.95	35.36	3.01	35.06	3.03	34.82	3.05	33.93	3.10
		63	59	36.38	2.88	35.98	2.92	35.67	2.97	35.43	2.98	35.23	3.00	34.41	3.03
		68	64	36.48	2.86	36.16	2.90	35.98	2.93	35.80	2.94	35.65	2.94	34.91	2.97
	9+9+12	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 36: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+9+15	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	7+12+12	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	7+7+18	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 37: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9+9+15	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	9+12+12	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	7+9+18	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 38: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+12+15	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	9+9+18	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	9+12+15	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 39: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12+12+12	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	7+12+18	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	7+15+15	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 40: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	7+7+24	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	9+12+18	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	9+15+15	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 41: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12+12+15	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	7+9+24	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	7+15+18	-13	-13.4	22.34	2.86	21.84	2.95	21.22	3.04	20.87	3.10	20.60	3.14	19.85	3.23
		-4	-4.4	26.53	3.25	25.93	3.36	25.19	3.47	24.78	3.53	24.45	3.58	23.56	3.68
		0	-0.4	28.42	3.41	27.78	3.53	26.99	3.64	26.55	3.70	26.19	3.75	25.24	3.87
		5	4.5	30.77	3.61	30.09	3.73	29.23	3.85	28.75	3.92	28.37	3.97	27.34	4.09
		10	9	32.16	3.51	31.44	3.62	30.54	3.74	30.04	3.80	29.65	3.86	28.57	3.97
		17	15	34.01	3.43	33.25	3.54	32.30	3.66	31.77	3.72	31.35	3.77	30.21	3.88
		20	19	34.43	3.37	33.66	3.49	32.69	3.60	32.16	3.66	31.73	3.71	30.58	3.82
		25	23	34.84	3.32	34.06	3.43	33.09	3.54	32.55	3.60	32.12	3.65	30.95	3.76
		30	28	35.36	3.25	34.57	3.35	33.59	3.46	33.04	3.52	32.60	3.57	31.41	3.68
		35	32	35.78	3.19	34.98	3.29	33.98	3.40	33.43	3.46	32.98	3.51	31.78	3.61
		40	36	36.20	3.13	35.39	3.24	34.38	3.34	33.82	3.40	33.37	3.44	32.15	3.55
		45	41	36.72	3.06	35.90	3.16	34.87	3.26	34.31	3.32	33.85	3.37	32.62	3.47
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 42: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7+7+7+7	-13	-13.4	21.90	2.73	21.41	2.82	20.80	2.91	20.46	2.97	20.19	3.01	19.46	3.10
		-4	-4.4	26.00	3.11	25.42	3.22	24.70	3.32	24.29	3.38	23.97	3.42	23.10	3.53
		0	-0.4	27.86	3.27	27.23	3.38	26.45	3.48	26.02	3.54	25.68	3.59	24.74	3.70
		5	4.5	30.17	3.46	29.49	3.58	28.65	3.69	28.18	3.75	27.81	3.80	26.80	3.92
		10	9	31.53	3.36	30.82	3.47	29.94	3.58	29.45	3.64	29.06	3.69	28.00	3.80
		17	15	33.34	3.28	32.59	3.39	31.66	3.50	31.14	3.56	30.73	3.61	29.61	3.72
		20	19	33.75	3.23	32.99	3.34	32.05	3.44	31.53	3.50	31.11	3.55	29.98	3.66
		25	23	34.16	3.18	33.39	3.28	32.44	3.39	31.91	3.44	31.48	3.49	30.34	3.60
		30	28	34.67	3.11	33.89	3.21	32.92	3.31	32.39	3.37	31.96	3.42	30.79	3.52
		35	32	35.08	3.05	34.29	3.15	33.31	3.26	32.77	3.31	32.33	3.36	31.16	3.46
		40	36	35.49	3.00	34.69	3.10	33.70	3.20	33.15	3.25	32.71	3.30	31.52	3.40
		45	41	36.00	2.93	35.19	3.03	34.19	3.13	33.63	3.18	33.18	3.22	31.98	3.32
		47	43	36.20	2.90	35.39	3.00	34.38	3.10	33.82	3.15	33.37	3.19	32.16	3.29
		50	46	36.31	2.89	35.58	2.97	34.70	3.06	34.19	3.10	33.79	3.14	32.65	3.23
		55	51	36.49	2.86	35.88	2.93	35.22	3.00	34.81	3.03	34.49	3.06	33.47	3.12
		60	56	36.66	2.83	36.19	2.88	35.74	2.93	35.43	2.95	35.19	2.97	34.29	3.02
		63	59	36.77	2.81	36.37	2.85	36.05	2.89	35.81	2.91	35.61	2.92	34.78	2.96
		68	64	36.88	2.79	36.55	2.82	36.37	2.86	36.18	2.87	36.03	2.87	35.28	2.90
	7+7+7+9	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	7+7+9+9	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 43: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7+7+7+12	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	7+9+9+9	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	7+7+9+12	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 44: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7+7+7+15	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	9+9+9+9	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	7+9+9+12	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 45: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	7+7+9+15	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	7+7+12+12	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	7+7+7+18	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 46: KUMXA301A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9+9+9+12	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	7+9+9+15	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	7+9+12+12	-13	-13.4	23.31	2.86	22.79	2.95	22.14	3.04	21.78	3.10	21.49	3.14	20.71	3.23
		-4	-4.4	27.68	3.25	27.06	3.36	26.29	3.47	25.86	3.53	25.52	3.58	24.59	3.68
		0	-0.4	29.65	3.41	28.99	3.53	28.16	3.64	27.70	3.70	27.33	3.75	26.34	3.87
		5	4.5	32.11	3.61	31.40	3.73	30.50	3.85	30.00	3.92	29.60	3.97	28.52	4.09
		10	9	33.56	3.51	32.81	3.62	31.87	3.74	31.35	3.80	30.93	3.86	29.81	3.97
		17	15	35.49	3.43	34.69	3.54	33.70	3.66	33.15	3.72	32.71	3.77	31.52	3.88
		20	19	35.92	3.37	35.12	3.49	34.12	3.60	33.56	3.66	33.11	3.71	31.91	3.82
		25	23	36.36	3.32	35.54	3.43	34.53	3.54	33.97	3.60	33.51	3.65	32.30	3.76
		30	28	36.90	3.25	36.08	3.35	35.05	3.46	34.47	3.52	34.02	3.57	32.78	3.68
		35	32	37.34	3.19	36.50	3.29	35.46	3.40	34.88	3.46	34.42	3.51	33.17	3.61
		40	36	37.77	3.13	36.93	3.24	35.87	3.34	35.29	3.40	34.82	3.44	33.55	3.55
		45	41	38.32	3.06	37.46	3.16	36.39	3.26	35.80	3.32	35.32	3.37	34.04	3.47
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 47: KUMXA301A Maximum Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9+9	-13	-13.4	15.96	2.77	15.60	2.86	15.15	2.95	14.91	3.00	14.71	3.04	14.17	3.13
		-4	-4.4	18.75	3.15	18.33	3.26	17.81	3.36	17.52	3.42	17.28	3.47	16.66	3.57
		0	-0.4	20.01	3.31	19.56	3.42	19.01	3.53	18.69	3.59	18.45	3.64	17.78	3.75
		5	4.5	21.59	3.50	21.10	3.62	20.50	3.73	20.17	3.80	19.90	3.85	19.18	3.97
		10	9	22.51	3.40	22.01	3.52	21.38	3.63	21.03	3.69	20.75	3.74	20.00	3.85
		17	15	23.75	3.33	23.22	3.44	22.55	3.55	22.18	3.61	21.89	3.66	21.09	3.77
		20	19	24.05	3.31	23.52	3.42	22.84	3.53	22.47	3.59	22.17	3.64	21.37	3.75
		25	23	24.36	3.28	23.82	3.39	23.14	3.50	22.76	3.56	22.46	3.61	21.64	3.72
		30	28	24.75	3.25	24.19	3.36	23.50	3.47	23.12	3.53	22.81	3.58	21.98	3.68
		35	32	25.06	3.23	24.50	3.34	23.80	3.44	23.41	3.50	23.10	3.55	22.26	3.66
		40	36	25.36	3.21	24.80	3.31	24.09	3.42	23.70	3.48	23.38	3.52	22.53	3.63
		45	41	25.75	3.17	25.17	3.28	24.46	3.38	24.06	3.44	23.74	3.49	22.87	3.59
		47	43	25.90	3.16	25.33	3.27	24.60	3.37	24.20	3.43	23.88	3.48	23.01	3.58
		50	46	25.98	3.14	25.46	3.24	24.83	3.33	24.47	3.38	24.18	3.42	23.36	3.51
		55	51	26.11	3.11	25.67	3.19	25.20	3.26	24.91	3.30	24.68	3.33	23.95	3.40
		60	56	26.23	3.08	25.89	3.14	25.57	3.19	25.36	3.22	25.18	3.24	24.54	3.29
		63	59	26.31	3.06	26.02	3.11	25.80	3.15	25.62	3.17	25.48	3.18	24.89	3.22
		68	64	26.39	3.04	26.15	3.08	26.02	3.11	25.89	3.12	25.78	3.13	25.25	3.15
	9+12	-13	-13.4	15.96	2.77	15.60	2.86	15.15	2.95	14.91	3.00	14.71	3.04	14.17	3.13
		-4	-4.4	18.75	3.15	18.33	3.26	17.81	3.36	17.52	3.42	17.28	3.47	16.66	3.57
		0	-0.4	20.01	3.31	19.56	3.42	19.01	3.53	18.69	3.59	18.45	3.64	17.78	3.75
		5	4.5	21.59	3.50	21.10	3.62	20.50	3.73	20.17	3.80	19.90	3.85	19.18	3.97
		10	9	22.51	3.40	22.01	3.52	21.38	3.63	21.03	3.69	20.75	3.74	20.00	3.85
		17	15	23.75	3.33	23.22	3.44	22.55	3.55	22.18	3.61	21.89	3.66	21.09	3.77
		20	19	24.05	3.31	23.52	3.42	22.84	3.53	22.47	3.59	22.17	3.64	21.37	3.75
		25	23	24.36	3.28	23.82	3.39	23.14	3.50	22.76	3.56	22.46	3.61	21.64	3.72
		30	28	24.75	3.25	24.19	3.36	23.50	3.47	23.12	3.53	22.81	3.58	21.98	3.68
		35	32	25.06	3.23	24.50	3.34	23.80	3.44	23.41	3.50	23.10	3.55	22.26	3.66
		40	36	25.36	3.21	24.80	3.31	24.09	3.42	23.70	3.48	23.38	3.52	22.53	3.63
		45	41	25.75	3.17	25.17	3.28	24.46	3.38	24.06	3.44	23.74	3.49	22.87	3.59
		47	43	25.90	3.16	25.33	3.27	24.60	3.37	24.20	3.43	23.88	3.48	23.01	3.58
		50	46	25.98	3.14	25.46	3.24	24.83	3.33	24.47	3.38	24.18	3.42	23.36	3.51
		55	51	26.11	3.11	25.67	3.19	25.20	3.26	24.91	3.30	24.68	3.33	23.95	3.40
		60	56	26.23	3.08	25.89	3.14	25.57	3.19	25.36	3.22	25.18	3.24	24.54	3.29
		63	59	26.31	3.06	26.02	3.11	25.80	3.15	25.62	3.17	25.48	3.18	24.89	3.22
		68	64	26.39	3.04	26.15	3.08	26.02	3.11	25.89	3.12	25.78	3.13	25.25	3.15
	12+12	-13	-13.4	17.41	2.68	17.02	2.77	16.53	2.86	16.26	2.90	16.05	2.94	15.46	3.03
		-4	-4.4	20.46	3.05	20.00	3.15	19.43	3.25	19.11	3.31	18.86	3.35	18.17	3.45
		0	-0.4	21.83	3.20	21.34	3.31	20.73	3.41	20.39	3.47	20.12	3.52	19.39	3.63
		5	4.5	23.55	3.39	23.02	3.50	22.37	3.61	22.00	3.68	21.71	3.73	20.92	3.84
		10	9	24.56	3.30	24.01	3.40	23.32	3.51	22.94	3.57	22.64	3.62	21.81	3.73
		17	15	25.90	3.23	25.33	3.33	24.60	3.44	24.20	3.50	23.88	3.55	23.01	3.65
		20	19	26.24	3.20	25.65	3.31	24.92	3.41	24.51	3.47	24.19	3.52	23.31	3.63
		25	23	26.58	3.18	25.98	3.28	25.24	3.39	24.83	3.45	24.50	3.49	23.61	3.60
		30	28	27.00	3.15	26.39	3.25	25.64	3.36	25.22	3.42	24.89	3.46	23.98	3.57
		35	32	27.33	3.13	26.72	3.23	25.96	3.33	25.54	3.39	25.20	3.44	24.28	3.54
		40	36	27.67	3.10	27.05	3.21	26.28	3.31	25.85	3.36	25.51	3.41	24.58	3.51
		45	41	28.09	3.07	27.46	3.17	26.68	3.28	26.24	3.33	25.89	3.38	24.95	3.48
		47	43	28.26	3.06	27.63	3.16	26.84	3.26	26.40	3.32	26.05	3.36	25.10	3.47
		50	46	28.34	3.04	27.77	3.13	27.08	3.22	26.69	3.27	26.38	3.31	25.49	3.40
		55	51	28.48	3.01	28.01	3.08	27.49	3.16	27.18	3.19	26.92	3.22	26.13	3.29
		60	56	28.62	2.98	28.25	3.04	27.90	3.09	27.66	3.11	27.47	3.13	26.77	3.18
		63	59	28.70	2.96	28.39	3.01	28.14	3.05	27.95	3.07	27.80	3.08	27.15	3.12
		68	64	28.79	2.94	28.53	2.98	28.39	3.01	28.25	3.02	28.13	3.03	27.54	3.05

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 48: KUMXA301A Maximum Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9+18	-13	-13.4	18.96	2.72	18.53	2.81	18.00	2.90	17.71	2.95	17.47	2.99	16.84	3.08
		-4	-4.4	22.28	3.10	21.78	3.20	21.16	3.30	20.81	3.36	20.53	3.40	19.79	3.51
		0	-0.4	23.77	3.25	23.24	3.36	22.58	3.47	22.21	3.53	21.91	3.57	21.12	3.68
		5	4.5	25.65	3.44	25.07	3.56	24.36	3.67	23.96	3.73	23.64	3.78	22.78	3.90
		10	9	26.74	3.34	26.15	3.46	25.40	3.57	24.99	3.63	24.65	3.68	23.76	3.79
		17	15	28.21	3.27	27.58	3.38	26.79	3.49	26.35	3.55	26.00	3.60	25.06	3.71
		20	19	28.58	3.25	27.94	3.36	27.14	3.47	26.70	3.53	26.34	3.57	25.38	3.68
		25	23	28.94	3.23	28.30	3.33	27.49	3.44	27.04	3.50	26.68	3.55	25.71	3.65
		30	28	29.40	3.20	28.74	3.30	27.92	3.41	27.47	3.47	27.10	3.51	26.12	3.62
		35	32	29.77	3.17	29.10	3.28	28.27	3.38	27.81	3.44	27.44	3.49	26.44	3.59
		40	36	30.13	3.15	29.46	3.25	28.62	3.36	28.15	3.42	27.78	3.46	26.77	3.57
		45	41	30.59	3.12	29.91	3.22	29.05	3.33	28.58	3.38	28.20	3.43	27.17	3.53
		47	43	30.77	3.11	30.09	3.21	29.23	3.31	28.75	3.37	28.37	3.42	27.34	3.52
		50	46	30.87	3.09	30.24	3.18	29.49	3.27	29.07	3.32	28.72	3.36	27.75	3.45
		55	51	31.02	3.06	30.50	3.13	29.94	3.21	29.59	3.24	29.32	3.27	28.45	3.34
		60	56	31.17	3.02	30.76	3.08	30.38	3.14	30.12	3.16	29.91	3.18	29.15	3.23
		63	59	31.26	3.00	30.92	3.05	30.65	3.10	30.44	3.11	30.27	3.13	29.57	3.16
		68	64	31.35	2.98	31.07	3.02	30.92	3.06	30.76	3.07	30.63	3.07	29.99	3.10
	12+18	-13	-13.4	21.76	2.76	21.27	2.85	20.66	2.94	20.33	2.99	20.06	3.03	19.33	3.12
		-4	-4.4	25.57	3.14	25.00	3.25	24.28	3.35	23.89	3.41	23.57	3.46	22.71	3.56
		0	-0.4	27.29	3.30	26.68	3.41	25.92	3.52	25.49	3.58	25.15	3.63	24.24	3.73
		5	4.5	29.44	3.49	28.78	3.61	27.96	3.72	27.50	3.79	27.13	3.84	26.15	3.95
		10	9	30.70	3.39	30.01	3.51	29.15	3.62	28.68	3.68	28.30	3.73	27.27	3.84
		17	15	32.38	3.32	31.66	3.43	30.75	3.54	30.25	3.60	29.85	3.65	28.76	3.76
		20	19	32.80	3.30	32.07	3.41	31.15	3.52	30.64	3.58	30.24	3.63	29.14	3.74
		25	23	33.22	3.27	32.48	3.38	31.55	3.49	31.04	3.55	30.62	3.60	29.51	3.71
		30	28	33.75	3.24	32.99	3.35	32.05	3.46	31.53	3.52	31.11	3.57	29.98	3.67
		35	32	34.17	3.22	33.40	3.33	32.45	3.43	31.92	3.49	31.50	3.54	30.35	3.65
		40	36	34.59	3.20	33.82	3.30	32.85	3.41	32.31	3.47	31.88	3.51	30.72	3.62
		45	41	35.11	3.17	34.33	3.27	33.35	3.37	32.80	3.43	32.37	3.48	31.19	3.58
		47	43	35.32	3.15	34.53	3.26	33.55	3.36	33.00	3.42	32.56	3.47	31.38	3.57
		50	46	35.43	3.13	34.71	3.23	33.85	3.32	33.36	3.37	32.97	3.41	31.86	3.50
		55	51	35.60	3.10	35.01	3.18	34.36	3.25	33.97	3.29	33.65	3.32	32.66	3.39
		60	56	35.77	3.07	35.31	3.13	34.87	3.18	34.58	3.21	34.34	3.23	33.46	3.28
		63	59	35.88	3.05	35.49	3.10	35.18	3.14	34.94	3.16	34.75	3.17	33.94	3.21
		68	64	35.98	3.03	35.67	3.07	35.49	3.10	35.31	3.11	35.16	3.12	34.43	3.14
	18*+18*	-13	-13.4	21.76	3.00	21.27	3.10	20.66	3.20	20.33	3.25	20.06	3.30	19.33	3.40
		-4	-4.4	25.57	3.42	25.00	3.53	24.28	3.65	23.89	3.71	23.57	3.76	22.71	3.87
		0	-0.4	27.29	3.59	26.68	3.71	25.92	3.83	25.49	3.89	25.15	3.94	24.24	4.06
		5	4.5	29.44	3.80	28.78	3.92	27.96	4.05	27.50	4.12	27.13	4.18	26.15	4.30
		10	9	30.70	3.69	30.01	3.81	29.15	3.94	28.68	4.00	28.30	4.06	27.27	4.18
		17	15	32.38	3.61	31.66	3.73	30.75	3.85	30.25	3.92	29.85	3.97	28.76	4.09
		20	19	32.80	3.59	32.07	3.71	31.15	3.83	30.64	3.89	30.24	3.94	29.14	4.06
		25	23	33.22	3.56	32.48	3.68	31.55	3.80	31.04	3.86	30.62	3.92	29.51	4.03
		30	28	33.75	3.53	32.99	3.65	32.05	3.76	31.53	3.83	31.11	3.88	29.98	4.00
		35	32	34.17	3.50	33.40	3.62	32.45	3.73	31.92	3.80	31.50	3.85	30.35	3.97
		40	36	34.59	3.48	33.82	3.59	32.85	3.71	32.31	3.77	31.88	3.82	30.72	3.94
		45	41	35.11	3.44	34.33	3.56	33.35	3.67	32.80	3.73	32.37	3.78	31.19	3.90
		47	43	35.32	3.43	34.53	3.54	33.55	3.66	33.00	3.72	32.56	3.77	31.38	3.88
		50	46	35.43	3.41	34.71	3.51	33.85	3.61	33.36	3.67	32.97	3.71	31.86	3.81
		55	51	35.60	3.37	35.01	3.46	34.36	3.54	33.97	3.58	33.65	3.61	32.66	3.69
		60	56	35.77	3.34	35.31	3.40	34.87	3.46	34.58	3.49	34.34	3.51	33.46	3.56
		63	59	35.88	3.31	35.49	3.37	35.18	3.42	34.94	3.44	34.75	3.45	33.94	3.49
		68	64	35.98	3.29	35.67	3.34	35.49	3.37	35.31	3.38	35.16	3.39	34.43	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 49: KUMXA301A Maximum Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9+9+9	-13	-13.4	21.76	3.00	21.27	3.10	20.66	3.20	20.33	3.25	20.06	3.30	19.33	3.40
		-4	-4.4	25.57	3.42	25.00	3.53	24.28	3.65	23.89	3.71	23.57	3.76	22.71	3.87
		0	-0.4	27.29	3.59	26.68	3.71	25.92	3.83	25.49	3.89	25.15	3.94	24.24	4.06
		5	4.5	29.44	3.80	28.78	3.92	27.96	4.05	27.50	4.12	27.13	4.18	26.15	4.30
		10	9	30.70	3.69	30.01	3.81	29.15	3.94	28.68	4.00	28.30	4.06	27.27	4.18
		17	15	32.38	3.61	31.66	3.73	30.75	3.85	30.25	3.92	29.85	3.97	28.76	4.09
		20	19	32.80	3.59	32.07	3.71	31.15	3.83	30.64	3.89	30.24	3.94	29.14	4.06
		25	23	33.22	3.56	32.48	3.68	31.55	3.80	31.04	3.86	30.62	3.92	29.51	4.03
		30	28	33.75	3.53	32.99	3.65	32.05	3.76	31.53	3.83	31.11	3.88	29.98	4.00
		35	32	34.17	3.50	33.40	3.62	32.45	3.73	31.92	3.80	31.50	3.85	30.35	3.97
		40	36	34.59	3.48	33.82	3.59	32.85	3.71	32.31	3.77	31.88	3.82	30.72	3.94
		45	41	35.11	3.44	34.33	3.56	33.35	3.67	32.80	3.73	32.37	3.78	31.19	3.90
		47	43	35.32	3.43	34.53	3.54	33.55	3.66	33.00	3.72	32.56	3.77	31.38	3.88
		50	46	35.43	3.41	34.71	3.51	33.85	3.61	33.36	3.67	32.97	3.71	31.86	3.81
		55	51	35.60	3.37	35.01	3.46	34.36	3.54	33.97	3.58	33.65	3.61	32.66	3.69
		60	56	35.77	3.34	35.31	3.40	34.87	3.46	34.58	3.49	34.34	3.51	33.46	3.56
		63	59	35.88	3.31	35.49	3.37	35.18	3.42	34.94	3.44	34.75	3.45	33.94	3.49
		68	64	35.98	3.29	35.67	3.34	35.49	3.37	35.31	3.38	35.16	3.39	34.43	3.42
	9+9+12	-13	-13.4	21.76	3.00	21.27	3.10	20.66	3.20	20.33	3.25	20.06	3.30	19.33	3.40
		-4	-4.4	25.57	3.42	25.00	3.53	24.28	3.65	23.89	3.71	23.57	3.76	22.71	3.87
		0	-0.4	27.29	3.59	26.68	3.71	25.92	3.83	25.49	3.89	25.15	3.94	24.24	4.06
		5	4.5	29.44	3.80	28.78	3.92	27.96	4.05	27.50	4.12	27.13	4.18	26.15	4.30
		10	9	30.70	3.69	30.01	3.81	29.15	3.94	28.68	4.00	28.30	4.06	27.27	4.18
		17	15	32.38	3.61	31.66	3.73	30.75	3.85	30.25	3.92	29.85	3.97	28.76	4.09
		20	19	32.80	3.59	32.07	3.71	31.15	3.83	30.64	3.89	30.24	3.94	29.14	4.06
		25	23	33.22	3.56	32.48	3.68	31.55	3.80	31.04	3.86	30.62	3.92	29.51	4.03
		30	28	33.75	3.53	32.99	3.65	32.05	3.76	31.53	3.83	31.11	3.88	29.98	4.00
		35	32	34.17	3.50	33.40	3.62	32.45	3.73	31.92	3.80	31.50	3.85	30.35	3.97
		40	36	34.59	3.48	33.82	3.59	32.85	3.71	32.31	3.77	31.88	3.82	30.72	3.94
		45	41	35.11	3.44	34.33	3.56	33.35	3.67	32.80	3.73	32.37	3.78	31.19	3.90
		47	43	35.32	3.43	34.53	3.54	33.55	3.66	33.00	3.72	32.56	3.77	31.38	3.88
		50	46	35.43	3.41	34.71	3.51	33.85	3.61	33.36	3.67	32.97	3.71	31.86	3.81
		55	51	35.60	3.37	35.01	3.46	34.36	3.54	33.97	3.58	33.65	3.61	32.66	3.69
		60	56	35.77	3.34	35.31	3.40	34.87	3.46	34.58	3.49	34.34	3.51	33.46	3.56
		63	59	35.88	3.31	35.49	3.37	35.18	3.42	34.94	3.44	34.75	3.45	33.94	3.49
		68	64	35.98	3.29	35.67	3.34	35.49	3.37	35.31	3.38	35.16	3.39	34.43	3.42
	9+12+12*	-13	-13.4	21.76	3.00	21.27	3.10	20.66	3.20	20.33	3.25	20.06	3.30	19.33	3.40
		-4	-4.4	25.57	3.42	25.00	3.53	24.28	3.65	23.89	3.71	23.57	3.76	22.71	3.87
		0	-0.4	27.29	3.59	26.68	3.71	25.92	3.83	25.49	3.89	25.15	3.94	24.24	4.06
		5	4.5	29.44	3.80	28.78	3.92	27.96	4.05	27.50	4.12	27.13	4.18	26.15	4.30
		10	9	30.70	3.69	30.01	3.81	29.15	3.94	28.68	4.00	28.30	4.06	27.27	4.18
		17	15	32.38	3.61	31.66	3.73	30.75	3.85	30.25	3.92	29.85	3.97	28.76	4.09
		20	19	32.80	3.59	32.07	3.71	31.15	3.83	30.64	3.89	30.24	3.94	29.14	4.06
		25	23	33.22	3.56	32.48	3.68	31.55	3.80	31.04	3.86	30.62	3.92	29.51	4.03
		30	28	33.75	3.53	32.99	3.65	32.05	3.76	31.53	3.83	31.11	3.88	29.98	4.00
		35	32	34.17	3.50	33.40	3.62	32.45	3.73	31.92	3.80	31.50	3.85	30.35	3.97
		40	36	34.59	3.48	33.82	3.59	32.85	3.71	32.31	3.77	31.88	3.82	30.72	3.94
		45	41	35.11	3.44	34.33	3.56	33.35	3.67	32.80	3.73	32.37	3.78	31.19	3.90
		47	43	35.32	3.43	34.53	3.54	33.55	3.66	33.00	3.72	32.56	3.77	31.38	3.88
		50	46	35.43	3.41	34.71	3.51	33.85	3.61	33.36	3.67	32.97	3.71	31.86	3.81
		55	51	35.60	3.37	35.01	3.46	34.36	3.54	33.97	3.58	33.65	3.61	32.66	3.69
		60	56	35.77	3.34	35.31	3.40	34.87	3.46	34.58	3.49	34.34	3.51	33.46	3.56
		63	59	35.88	3.31	35.49	3.37	35.18	3.42	34.94	3.44	34.75	3.45	33.94	3.49
		68	64	35.98	3.29	35.67	3.34	35.49	3.37	35.31	3.38	35.16	3.39	34.43	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 50: KUMXA301A Maximum Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9+9+18*	-13	-13.4	21.76	3.00	21.27	3.10	20.66	3.20	20.33	3.25	20.06	3.30	19.33	3.40
		-4	-4.4	25.57	3.42	25.00	3.53	24.28	3.65	23.89	3.71	23.57	3.76	22.71	3.87
		0	-0.4	27.29	3.59	26.68	3.71	25.92	3.83	25.49	3.89	25.15	3.94	24.24	4.06
		5	4.5	29.44	3.80	28.78	3.92	27.96	4.05	27.50	4.12	27.13	4.18	26.15	4.30
		10	9	30.70	3.69	30.01	3.81	29.15	3.94	28.68	4.00	28.30	4.06	27.27	4.18
		17	15	32.38	3.61	31.66	3.73	30.75	3.85	30.25	3.92	29.85	3.97	28.76	4.09
		20	19	32.80	3.59	32.07	3.71	31.15	3.83	30.64	3.89	30.24	3.94	29.14	4.06
		25	23	33.22	3.56	32.48	3.68	31.55	3.80	31.04	3.86	30.62	3.92	29.51	4.03
		30	28	33.75	3.53	32.99	3.65	32.05	3.76	31.53	3.83	31.11	3.88	29.98	4.00
		35	32	34.17	3.50	33.40	3.62	32.45	3.73	31.92	3.80	31.50	3.85	30.35	3.97
		40	36	34.59	3.48	33.82	3.59	32.85	3.71	32.31	3.77	31.88	3.82	30.72	3.94
		45	41	35.11	3.44	34.33	3.56	33.35	3.67	32.80	3.73	32.37	3.78	31.19	3.90
		47	43	35.32	3.43	34.53	3.54	33.55	3.66	33.00	3.72	32.56	3.77	31.38	3.88
		50	46	35.43	3.41	34.71	3.51	33.85	3.61	33.36	3.67	32.97	3.71	31.86	3.81
		55	51	35.60	3.37	35.01	3.46	34.36	3.54	33.97	3.58	33.65	3.61	32.66	3.69
		60	56	35.77	3.34	35.31	3.40	34.87	3.46	34.58	3.49	34.34	3.51	33.46	3.56
		63	59	35.88	3.31	35.49	3.37	35.18	3.42	34.94	3.44	34.75	3.45	33.94	3.49
		68	64	35.98	3.29	35.67	3.34	35.49	3.37	35.31	3.38	35.16	3.39	34.43	3.42
	12+12+12*	-13	-13.4	21.76	3.00	21.27	3.10	20.66	3.20	20.33	3.25	20.06	3.30	19.33	3.40
		-4	-4.4	25.57	3.42	25.00	3.53	24.28	3.65	23.89	3.71	23.57	3.76	22.71	3.87
		0	-0.4	27.29	3.59	26.68	3.71	25.92	3.83	25.49	3.89	25.15	3.94	24.24	4.06
		5	4.5	29.44	3.80	28.78	3.92	27.96	4.05	27.50	4.12	27.13	4.18	26.15	4.30
		10	9	30.70	3.69	30.01	3.81	29.15	3.94	28.68	4.00	28.30	4.06	27.27	4.18
		17	15	32.38	3.61	31.66	3.73	30.75	3.85	30.25	3.92	29.85	3.97	28.76	4.09
		20	19	32.80	3.59	32.07	3.71	31.15	3.83	30.64	3.89	30.24	3.94	29.14	4.06
		25	23	33.22	3.56	32.48	3.68	31.55	3.80	31.04	3.86	30.62	3.92	29.51	4.03
		30	28	33.75	3.53	32.99	3.65	32.05	3.76	31.53	3.83	31.11	3.88	29.98	4.00
		35	32	34.17	3.50	33.40	3.62	32.45	3.73	31.92	3.80	31.50	3.85	30.35	3.97
		40	36	34.59	3.48	33.82	3.59	32.85	3.71	32.31	3.77	31.88	3.82	30.72	3.94
		45	41	35.11	3.44	34.33	3.56	33.35	3.67	32.80	3.73	32.37	3.78	31.19	3.90
		47	43	35.32	3.43	34.53	3.54	33.55	3.66	33.00	3.72	32.56	3.77	31.38	3.88
		50	46	35.43	3.41	34.71	3.51	33.85	3.61	33.36	3.67	32.97	3.71	31.86	3.81
		55	51	35.60	3.37	35.01	3.46	34.36	3.54	33.97	3.58	33.65	3.61	32.66	3.69
		60	56	35.77	3.34	35.31	3.40	34.87	3.46	34.58	3.49	34.34	3.51	33.46	3.56
		63	59	35.88	3.31	35.49	3.37	35.18	3.42	34.94	3.44	34.75	3.45	33.94	3.49
		68	64	35.98	3.29	35.67	3.34	35.49	3.37	35.31	3.38	35.16	3.39	34.43	3.42
	9*+12*+18*	-13	-13.4	21.76	3.00	21.27	3.10	20.66	3.20	20.33	3.25	20.06	3.30	19.33	3.40
		-4	-4.4	25.57	3.42	25.00	3.53	24.28	3.65	23.89	3.71	23.57	3.76	22.71	3.87
		0	-0.4	27.29	3.59	26.68	3.71	25.92	3.83	25.49	3.89	25.15	3.94	24.24	4.06
		5	4.5	29.44	3.80	28.78	3.92	27.96	4.05	27.50	4.12	27.13	4.18	26.15	4.30
		10	9	30.70	3.69	30.01	3.81	29.15	3.94	28.68	4.00	28.30	4.06	27.27	4.18
		17	15	32.38	3.61	31.66	3.73	30.75	3.85	30.25	3.92	29.85	3.97	28.76	4.09
		20	19	32.80	3.59	32.07	3.71	31.15	3.83	30.64	3.89	30.24	3.94	29.14	4.06
		25	23	33.22	3.56	32.48	3.68	31.55	3.80	31.04	3.86	30.62	3.92	29.51	4.03
		30	28	33.75	3.53	32.99	3.65	32.05	3.76	31.53	3.83	31.11	3.88	29.98	4.00
		35	32	34.17	3.50	33.40	3.62	32.45	3.73	31.92	3.80	31.50	3.85	30.35	3.97
		40	36	34.59	3.48	33.82	3.59	32.85	3.71	32.31	3.77	31.88	3.82	30.72	3.94
		45	41	35.11	3.44	34.33	3.56	33.35	3.67	32.80	3.73	32.37	3.78	31.19	3.90
		47	43	35.32	3.43	34.53	3.54	33.55	3.66	33.00	3.72	32.56	3.77	31.38	3.88
		50	46	35.43	3.41	34.71	3.51	33.85	3.61	33.36	3.67	32.97	3.71	31.86	3.81
		55	51	35.60	3.37	35.01	3.46	34.36	3.54	33.97	3.58	33.65	3.61	32.66	3.69
		60	56	35.77	3.34	35.31	3.40	34.87	3.46	34.58	3.49	34.34	3.51	33.46	3.56
		63	59	35.88	3.31	35.49	3.37	35.18	3.42	34.94	3.44	34.75	3.45	33.94	3.49
		68	64	35.98	3.29	35.67	3.34	35.49	3.37	35.31	3.38	35.16	3.39	34.43	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 51: KUMXA301A Maximum Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9+9*+9*+9*	-13	-13.4	21.76	3.00	21.27	3.10	20.66	3.20	20.33	3.25	20.06	3.30	19.33	3.40
		-4	-4.4	25.57	3.42	25.00	3.53	24.28	3.65	23.89	3.71	23.57	3.76	22.71	3.87
		0	-0.4	27.29	3.59	26.68	3.71	25.92	3.83	25.49	3.89	25.15	3.94	24.24	4.06
		5	4.5	29.44	3.80	28.78	3.92	27.96	4.05	27.50	4.12	27.13	4.18	26.15	4.30
		10	9	30.70	3.69	30.01	3.81	29.15	3.94	28.68	4.00	28.30	4.06	27.27	4.18
		17	15	32.38	3.61	31.66	3.73	30.75	3.85	30.25	3.92	29.85	3.97	28.76	4.09
		20	19	32.80	3.59	32.07	3.71	31.15	3.83	30.64	3.89	30.24	3.94	29.14	4.06
		25	23	33.22	3.56	32.48	3.68	31.55	3.80	31.04	3.86	30.62	3.92	29.51	4.03
		30	28	33.75	3.53	32.99	3.65	32.05	3.76	31.53	3.83	31.11	3.88	29.98	4.00
		35	32	34.17	3.50	33.40	3.62	32.45	3.73	31.92	3.80	31.50	3.85	30.35	3.97
		40	36	34.59	3.48	33.82	3.59	32.85	3.71	32.31	3.77	31.88	3.82	30.72	3.94
		45	41	35.11	3.44	34.33	3.56	33.35	3.67	32.80	3.73	32.37	3.78	31.19	3.90
		47	43	35.32	3.43	34.53	3.54	33.55	3.66	33.00	3.72	32.56	3.77	31.38	3.88
		50	46	35.43	3.41	34.71	3.51	33.85	3.61	33.36	3.67	32.97	3.71	31.86	3.81
		55	51	35.60	3.37	35.01	3.46	34.36	3.54	33.97	3.58	33.65	3.61	32.66	3.69
		60	56	35.77	3.34	35.31	3.40	34.87	3.46	34.58	3.49	34.34	3.51	33.46	3.56
		63	59	35.88	3.31	35.49	3.37	35.18	3.42	34.94	3.44	34.75	3.45	33.94	3.49
		68	64	35.98	3.29	35.67	3.34	35.49	3.37	35.31	3.38	35.16	3.39	34.43	3.42
	9*+9*+9*+12*	-13	-13.4	21.76	3.00	21.27	3.10	20.66	3.20	20.33	3.25	20.06	3.30	19.33	3.40
		-4	-4.4	25.57	3.42	25.00	3.53	24.28	3.65	23.89	3.71	23.57	3.76	22.71	3.87
		0	-0.4	27.29	3.59	26.68	3.71	25.92	3.83	25.49	3.89	25.15	3.94	24.24	4.06
		5	4.5	29.44	3.80	28.78	3.92	27.96	4.05	27.50	4.12	27.13	4.18	26.15	4.30
		10	9	30.70	3.69	30.01	3.81	29.15	3.94	28.68	4.00	28.30	4.06	27.27	4.18
		17	15	32.38	3.61	31.66	3.73	30.75	3.85	30.25	3.92	29.85	3.97	28.76	4.09
		20	19	32.80	3.59	32.07	3.71	31.15	3.83	30.64	3.89	30.24	3.94	29.14	4.06
		25	23	33.22	3.56	32.48	3.68	31.55	3.80	31.04	3.86	30.62	3.92	29.51	4.03
		30	28	33.75	3.53	32.99	3.65	32.05	3.76	31.53	3.83	31.11	3.88	29.98	4.00
		35	32	34.17	3.50	33.40	3.62	32.45	3.73	31.92	3.80	31.50	3.85	30.35	3.97
		40	36	34.59	3.48	33.82	3.59	32.85	3.71	32.31	3.77	31.88	3.82	30.72	3.94
		45	41	35.11	3.44	34.33	3.56	33.35	3.67	32.80	3.73	32.37	3.78	31.19	3.90
		47	43	35.32	3.43	34.53	3.54	33.55	3.66	33.00	3.72	32.56	3.77	31.38	3.88
		50	46	35.43	3.41	34.71	3.51	33.85	3.61	33.36	3.67	32.97	3.71	31.86	3.81
		55	51	35.60	3.37	35.01	3.46	34.36	3.54	33.97	3.58	33.65	3.61	32.66	3.69
		60	56	35.77	3.34	35.31	3.40	34.87	3.46	34.58	3.49	34.34	3.51	33.46	3.56
		63	59	35.88	3.31	35.49	3.37	35.18	3.42	34.94	3.44	34.75	3.45	33.94	3.49
		68	64	35.98	3.29	35.67	3.34	35.49	3.37	35.31	3.38	35.16	3.39	34.43	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 52: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7+9	-13	-13.4	14.03	2.46	13.71	2.54	13.32	2.62	13.10	2.67	12.93	2.70	12.46	2.79
		-4	-4.4	16.57	2.80	16.20	2.90	15.74	2.99	15.48	3.04	15.27	3.08	14.72	3.17
		0	-0.4	17.72	2.94	17.32	3.04	16.83	3.14	16.55	3.19	16.33	3.23	15.74	3.33
		5	4.5	19.15	3.11	18.72	3.22	18.19	3.32	17.89	3.38	17.65	3.42	17.01	3.53
		10	9	19.99	3.03	19.55	3.13	18.99	3.23	18.68	3.28	18.43	3.33	17.76	3.43
		17	15	21.12	2.97	20.65	3.06	20.06	3.16	19.73	3.22	19.47	3.26	18.76	3.36
		20	19	21.38	2.93	20.91	3.03	20.31	3.12	19.98	3.18	19.71	3.22	18.99	3.32
		25	23	21.65	2.89	21.17	2.99	20.56	3.08	20.23	3.14	19.96	3.18	19.23	3.28
		30	28	21.98	2.85	21.49	2.94	20.88	3.04	20.54	3.09	20.26	3.13	19.53	3.22
		35	32	22.25	2.81	21.75	2.90	21.13	3.00	20.79	3.05	20.51	3.09	19.76	3.18
		40	36	22.52	2.77	22.01	2.87	21.38	2.96	21.03	3.01	20.75	3.05	20.00	3.14
		45	41	22.85	2.73	22.34	2.82	21.70	2.91	21.35	2.96	21.06	3.00	20.30	3.09
		47	43	22.98	2.71	22.47	2.80	21.83	2.89	21.47	2.94	21.18	2.98	20.41	3.07
		50	46	23.05	2.69	22.58	2.77	22.03	2.85	21.71	2.90	21.45	2.93	20.73	3.01
		55	51	23.16	2.67	22.78	2.73	22.36	2.80	22.10	2.83	21.90	2.85	21.25	2.91
		60	56	23.27	2.64	22.97	2.69	22.69	2.74	22.50	2.76	22.34	2.77	21.77	2.82
		63	59	23.34	2.62	23.09	2.66	22.89	2.70	22.73	2.72	22.61	2.73	22.08	2.76
		68	64	23.41	2.60	23.20	2.64	23.09	2.67	22.97	2.67	22.88	2.68	22.40	2.70
	9+9	-13	-13.4	15.81	2.64	15.46	2.72	15.01	2.81	14.77	2.86	14.57	2.90	14.04	2.99
		-4	-4.4	18.68	3.00	18.26	3.10	17.74	3.20	17.45	3.26	17.22	3.30	16.59	3.40
		0	-0.4	19.97	3.15	19.52	3.26	18.97	3.36	18.66	3.42	18.41	3.46	17.74	3.57
		5	4.5	21.59	3.34	21.10	3.45	20.50	3.56	20.17	3.62	19.90	3.67	19.18	3.78
		10	9	22.54	3.24	22.03	3.35	21.40	3.46	21.05	3.52	20.77	3.57	20.02	3.67
		17	15	23.80	3.18	23.27	3.28	22.61	3.39	22.24	3.45	21.94	3.49	21.14	3.60
		20	19	24.10	3.14	23.56	3.24	22.89	3.35	22.52	3.40	22.22	3.45	21.41	3.55
		25	23	24.40	3.10	23.86	3.20	23.18	3.31	22.80	3.36	22.49	3.41	21.68	3.51
		30	28	24.78	3.05	24.22	3.15	23.53	3.25	23.15	3.31	22.84	3.35	22.01	3.45
		35	32	25.08	3.01	24.52	3.11	23.82	3.21	23.43	3.27	23.12	3.31	22.28	3.41
		40	36	25.38	2.97	24.81	3.07	24.10	3.17	23.71	3.22	23.39	3.27	22.54	3.37
		45	41	25.75	2.92	25.18	3.02	24.46	3.12	24.06	3.17	23.74	3.21	22.88	3.31
		47	43	25.90	2.90	25.33	3.00	24.60	3.10	24.20	3.15	23.88	3.19	23.01	3.29
		50	46	25.98	2.89	25.46	2.97	24.83	3.06	24.47	3.10	24.18	3.14	23.36	3.23
		55	51	26.11	2.86	25.67	2.93	25.20	3.00	24.91	3.03	24.68	3.06	23.95	3.12
		60	56	26.23	2.83	25.89	2.88	25.57	2.93	25.36	2.95	25.18	2.97	24.54	3.02
		63	59	26.31	2.81	26.02	2.85	25.80	2.89	25.62	2.91	25.48	2.92	24.89	2.96
		68	64	26.39	2.79	26.15	2.82	26.02	2.86	25.89	2.87	25.78	2.87	25.25	2.90
	7+12	-13	-13.4	15.81	2.64	15.46	2.72	15.01	2.81	14.77	2.86	14.57	2.90	14.04	2.99
		-4	-4.4	18.68	3.00	18.26	3.10	17.74	3.20	17.45	3.26	17.22	3.30	16.59	3.40
		0	-0.4	19.97	3.15	19.52	3.26	18.97	3.36	18.66	3.42	18.41	3.46	17.74	3.57
		5	4.5	21.59	3.34	21.10	3.45	20.50	3.56	20.17	3.62	19.90	3.67	19.18	3.78
		10	9	22.54	3.24	22.03	3.35	21.40	3.46	21.05	3.52	20.77	3.57	20.02	3.67
		17	15	23.80	3.18	23.27	3.28	22.61	3.39	22.24	3.45	21.94	3.49	21.14	3.60
		20	19	24.10	3.14	23.56	3.24	22.89	3.35	22.52	3.40	22.22	3.45	21.41	3.55
		25	23	24.40	3.10	23.86	3.20	23.18	3.31	22.80	3.36	22.49	3.41	21.68	3.51
		30	28	24.78	3.05	24.22	3.15	23.53	3.25	23.15	3.31	22.84	3.35	22.01	3.45
		35	32	25.08	3.01	24.52	3.11	23.82	3.21	23.43	3.27	23.12	3.31	22.28	3.41
		40	36	25.38	2.97	24.81	3.07	24.10	3.17	23.71	3.22	23.39	3.27	22.54	3.37
		45	41	25.75	2.92	25.18	3.02	24.46	3.12	24.06	3.17	23.74	3.21	22.88	3.31
		47	43	25.90	2.90	25.33	3.00	24.60	3.10	24.20	3.15	23.88	3.19	23.01	3.29
		50	46	25.98	2.89	25.46	2.97	24.83	3.06	24.47	3.10	24.18	3.14	23.36	3.23
		55	51	26.11	2.86	25.67	2.93	25.20	3.00	24.91	3.03	24.68	3.06	23.95	3.12
		60	56	26.23	2.83	25.89	2.88	25.57	2.93	25.36	2.95	25.18	2.97	24.54	3.02
		63	59	26.31	2.81	26.02	2.85	25.80	2.89	25.62	2.91	25.48	2.92	24.89	2.96
		68	64	26.39	2.79	26.15	2.82	26.02	2.86	25.89	2.87	25.78	2.87	25.25	2.90

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 53: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9+12	-13	-13.4	16.29	2.68	15.92	2.77	15.47	2.86	15.21	2.90	15.01	2.94	14.47	3.03
		-4	-4.4	19.24	3.05	18.81	3.15	18.27	3.25	17.97	3.31	17.74	3.35	17.09	3.45
		0	-0.4	20.57	3.20	20.11	3.31	19.54	3.41	19.22	3.47	18.96	3.52	18.27	3.63
		5	4.5	22.24	3.39	21.74	3.50	21.12	3.61	20.78	3.68	20.50	3.73	19.75	3.84
		10	9	23.22	3.30	22.70	3.41	22.05	3.51	21.69	3.57	21.40	3.62	20.62	3.73
		17	15	24.52	3.23	23.97	3.34	23.29	3.44	22.91	3.50	22.60	3.55	21.78	3.66
		20	19	24.83	3.19	24.27	3.29	23.58	3.40	23.20	3.46	22.89	3.51	22.06	3.61
		25	23	25.14	3.15	24.58	3.25	23.87	3.36	23.48	3.42	23.17	3.46	22.33	3.57
		30	28	25.53	3.10	24.96	3.20	24.24	3.30	23.85	3.36	23.53	3.41	22.67	3.51
		35	32	25.84	3.06	25.26	3.16	24.54	3.26	24.14	3.32	23.81	3.36	22.95	3.46
		40	36	26.14	3.02	25.56	3.12	24.83	3.22	24.42	3.28	24.10	3.32	23.22	3.42
		45	41	26.53	2.97	25.94	3.07	25.20	3.17	24.79	3.22	24.46	3.27	23.57	3.36
		47	43	26.69	2.95	26.09	3.05	25.34	3.15	24.93	3.20	24.60	3.24	23.70	3.34
		50	46	26.76	2.93	26.22	3.02	25.58	3.11	25.20	3.15	24.91	3.19	24.07	3.28
		55	51	26.89	2.90	26.45	2.97	25.96	3.04	25.66	3.08	25.42	3.11	24.67	3.17
		60	56	27.03	2.87	26.67	2.93	26.35	2.98	26.12	3.00	25.94	3.02	25.28	3.07
		63	59	27.10	2.85	26.81	2.90	26.58	2.94	26.39	2.96	26.25	2.97	25.64	3.00
		68	64	27.18	2.83	26.94	2.87	26.81	2.90	26.67	2.91	26.56	2.92	26.01	2.94
	9+15	-13	-13.4	17.97	2.72	17.56	2.81	17.06	2.90	16.78	2.95	16.56	2.99	15.96	3.08
		-4	-4.4	21.22	3.10	20.75	3.20	20.16	3.30	19.83	3.36	19.56	3.41	18.85	3.51
		0	-0.4	22.69	3.25	22.19	3.36	21.55	3.47	21.20	3.53	20.92	3.57	20.16	3.68
		5	4.5	24.53	3.44	23.98	3.56	23.30	3.67	22.92	3.73	22.61	3.78	21.79	3.90
		10	9	25.61	3.35	25.04	3.46	24.32	3.57	23.92	3.63	23.61	3.68	22.75	3.79
		17	15	27.05	3.28	26.44	3.39	25.69	3.50	25.27	3.56	24.93	3.60	24.03	3.71
		20	19	27.39	3.24	26.78	3.35	26.01	3.45	25.59	3.51	25.25	3.56	24.33	3.67
		25	23	27.73	3.20	27.11	3.30	26.34	3.41	25.91	3.47	25.56	3.52	24.63	3.62
		30	28	28.16	3.15	27.53	3.25	26.74	3.36	26.30	3.41	25.95	3.46	25.01	3.56
		35	32	28.50	3.11	27.86	3.21	27.07	3.31	26.62	3.37	26.27	3.42	25.31	3.52
		40	36	28.84	3.07	28.20	3.17	27.39	3.27	26.94	3.33	26.58	3.37	25.62	3.47
		45	41	29.27	3.02	28.61	3.12	27.79	3.22	27.34	3.27	26.98	3.32	26.00	3.42
		47	43	29.44	3.00	28.78	3.10	27.96	3.19	27.50	3.25	27.13	3.29	26.15	3.39
		50	46	29.52	2.98	28.93	3.07	28.21	3.16	27.80	3.20	27.48	3.24	26.55	3.33
		55	51	29.67	2.95	29.18	3.02	28.64	3.09	28.31	3.13	28.04	3.15	27.22	3.22
		60	56	29.81	2.92	29.42	2.97	29.06	3.03	28.81	3.05	28.61	3.07	27.88	3.11
		63	59	29.90	2.90	29.57	2.94	29.32	2.99	29.12	3.00	28.96	3.01	28.28	3.05
		68	64	29.98	2.88	29.72	2.91	29.57	2.95	29.42	2.96	29.30	2.96	28.69	2.99
	12+12	-13	-13.4	17.97	2.72	17.56	2.81	17.06	2.90	16.78	2.95	16.56	2.99	15.96	3.08
		-4	-4.4	21.22	3.10	20.75	3.20	20.16	3.30	19.83	3.36	19.56	3.41	18.85	3.51
		0	-0.4	22.69	3.25	22.19	3.36	21.55	3.47	21.20	3.53	20.92	3.57	20.16	3.68
		5	4.5	24.53	3.44	23.98	3.56	23.30	3.67	22.92	3.73	22.61	3.78	21.79	3.90
		10	9	25.61	3.35	25.04	3.46	24.32	3.57	23.92	3.63	23.61	3.68	22.75	3.79
		17	15	27.05	3.28	26.44	3.39	25.69	3.50	25.27	3.56	24.93	3.60	24.03	3.71
		20	19	27.39	3.24	26.78	3.35	26.01	3.45	25.59	3.51	25.25	3.56	24.33	3.67
		25	23	27.73	3.20	27.11	3.30	26.34	3.41	25.91	3.47	25.56	3.52	24.63	3.62
		30	28	28.16	3.15	27.53	3.25	26.74	3.36	26.30	3.41	25.95	3.46	25.01	3.56
		35	32	28.50	3.11	27.86	3.21	27.07	3.31	26.62	3.37	26.27	3.42	25.31	3.52
		40	36	28.84	3.07	28.20	3.17	27.39	3.27	26.94	3.33	26.58	3.37	25.62	3.47
		45	41	29.27	3.02	28.61	3.12	27.79	3.22	27.34	3.27	26.98	3.32	26.00	3.42
		47	43	29.44	3.00	28.78	3.10	27.96	3.19	27.50	3.25	27.13	3.29	26.15	3.39
		50	46	29.52	2.98	28.93	3.07	28.21	3.16	27.80	3.20	27.48	3.24	26.55	3.33
		55	51	29.67	2.95	29.18	3.02	28.64	3.09	28.31	3.13	28.04	3.15	27.22	3.22
		60	56	29.81	2.92	29.42	2.97	29.06	3.03	28.81	3.05	28.61	3.07	27.88	3.11
		63	59	29.90	2.90	29.57	2.94	29.32	2.99	29.12	3.00	28.96	3.01	28.28	3.05
		68	64	29.98	2.88	29.72	2.91	29.57	2.95	29.42	2.96	29.30	2.96	28.69	2.99

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 54: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	7+18	-13	-13.4	18.74	2.75	18.32	2.84	17.79	2.93	17.50	2.98	17.27	3.02	16.64	3.11
		-4	-4.4	22.13	3.13	21.64	3.23	21.02	3.33	20.68	3.39	20.40	3.44	19.66	3.54
		0	-0.4	23.67	3.28	23.14	3.39	22.48	3.50	22.11	3.56	21.82	3.61	21.02	3.72
		5	4.5	25.58	3.47	25.01	3.59	24.30	3.70	23.90	3.77	23.58	3.82	22.72	3.93
		10	9	26.71	3.38	26.11	3.49	25.37	3.60	24.95	3.66	24.62	3.71	23.72	3.83
		17	15	28.21	3.31	27.58	3.42	26.79	3.53	26.35	3.59	26.00	3.64	25.06	3.75
		20	19	28.56	3.27	27.93	3.38	27.13	3.48	26.68	3.54	26.33	3.59	25.37	3.70
		25	23	28.92	3.23	28.27	3.33	27.47	3.44	27.02	3.50	26.66	3.55	25.69	3.65
		30	28	29.37	3.18	28.71	3.28	27.89	3.39	27.43	3.45	27.07	3.49	26.08	3.60
		35	32	29.72	3.14	29.06	3.24	28.23	3.34	27.77	3.40	27.40	3.45	26.40	3.55
		40	36	30.08	3.10	29.40	3.20	28.56	3.30	28.10	3.36	27.72	3.40	26.72	3.51
		45	41	30.52	3.04	29.84	3.15	28.99	3.25	28.51	3.30	28.13	3.35	27.11	3.45
		47	43	30.70	3.02	30.01	3.12	29.16	3.22	28.68	3.28	28.30	3.32	27.27	3.42
		50	46	30.79	3.01	30.17	3.10	29.42	3.19	29.00	3.23	28.65	3.27	27.69	3.36
		55	51	30.94	2.97	30.43	3.05	29.87	3.12	29.52	3.15	29.25	3.18	28.38	3.25
		60	56	31.09	2.94	30.69	3.00	30.31	3.05	30.05	3.08	29.84	3.09	29.08	3.14
		63	59	31.18	2.92	30.84	2.97	30.57	3.01	30.37	3.03	30.20	3.04	29.50	3.08
		68	64	31.27	2.90	31.00	2.94	30.84	2.98	30.68	2.98	30.56	2.99	29.92	3.01
	9+18	-13	-13.4	19.30	2.80	18.87	2.90	18.33	2.99	18.03	3.04	17.79	3.08	17.15	3.17
		-4	-4.4	22.81	3.19	22.30	3.30	21.66	3.41	21.31	3.46	21.02	3.51	20.26	3.62
		0	-0.4	24.39	3.35	23.84	3.46	23.16	3.57	22.78	3.64	22.48	3.68	21.66	3.80
		5	4.5	26.36	3.55	25.77	3.67	25.03	3.78	24.63	3.85	24.30	3.90	23.41	4.02
		10	9	27.52	3.45	26.90	3.57	26.13	3.68	25.71	3.74	25.37	3.79	24.44	3.91
		17	15	29.06	3.38	28.41	3.49	27.60	3.60	27.15	3.67	26.79	3.72	25.82	3.83
		20	19	29.43	3.34	28.77	3.45	27.95	3.56	27.49	3.62	27.13	3.67	26.14	3.78
		25	23	29.80	3.30	29.13	3.41	28.30	3.51	27.84	3.58	27.47	3.62	26.47	3.73
		30	28	30.26	3.24	29.58	3.35	28.73	3.46	28.27	3.52	27.89	3.57	26.88	3.67
		35	32	30.62	3.20	29.94	3.31	29.08	3.42	28.61	3.47	28.23	3.52	27.20	3.63
		40	36	30.99	3.16	30.30	3.27	29.43	3.37	28.95	3.43	28.57	3.48	27.53	3.58
		45	41	31.45	3.11	30.75	3.21	29.87	3.32	29.38	3.37	28.99	3.42	27.93	3.52
		47	43	31.63	3.09	30.92	3.19	30.04	3.29	29.55	3.35	29.16	3.40	28.10	3.50
		50	46	31.72	3.07	31.08	3.16	30.31	3.25	29.88	3.30	29.52	3.34	28.53	3.43
		55	51	31.88	3.04	31.35	3.11	30.77	3.19	30.42	3.22	30.14	3.25	29.24	3.32
		60	56	32.03	3.00	31.62	3.06	31.23	3.12	30.96	3.14	30.75	3.16	29.96	3.21
		63	59	32.13	2.99	31.78	3.03	31.50	3.08	31.29	3.09	31.11	3.11	30.39	3.14
		68	64	32.22	2.97	31.94	3.00	31.78	3.04	31.62	3.05	31.49	3.05	30.83	3.08
	12+15	-13	-13.4	19.30	2.80	18.87	2.90	18.33	2.99	18.03	3.04	17.79	3.08	17.15	3.17
		-4	-4.4	22.81	3.19	22.30	3.30	21.66	3.41	21.31	3.46	21.02	3.51	20.26	3.62
		0	-0.4	24.39	3.35	23.84	3.46	23.16	3.57	22.78	3.64	22.48	3.68	21.66	3.80
		5	4.5	26.36	3.55	25.77	3.67	25.03	3.78	24.63	3.85	24.30	3.90	23.41	4.02
		10	9	27.52	3.45	26.90	3.57	26.13	3.68	25.71	3.74	25.37	3.79	24.44	3.91
		17	15	29.06	3.38	28.41	3.49	27.60	3.60	27.15	3.67	26.79	3.72	25.82	3.83
		20	19	29.43	3.34	28.77	3.45	27.95	3.56	27.49	3.62	27.13	3.67	26.14	3.78
		25	23	29.80	3.30	29.13	3.41	28.30	3.51	27.84	3.58	27.47	3.62	26.47	3.73
		30	28	30.26	3.24	29.58	3.35	28.73	3.46	28.27	3.52	27.89	3.57	26.88	3.67
		35	32	30.62	3.20	29.94	3.31	29.08	3.42	28.61	3.47	28.23	3.52	27.20	3.63
		40	36	30.99	3.16	30.30	3.27	29.43	3.37	28.95	3.43	28.57	3.48	27.53	3.58
		45	41	31.45	3.11	30.75	3.21	29.87	3.32	29.38	3.37	28.99	3.42	27.93	3.52
		47	43	31.63	3.09	30.92	3.19	30.04	3.29	29.55	3.35	29.16	3.40	28.10	3.50
		50	46	31.72	3.07	31.08	3.16	30.31	3.25	29.88	3.30	29.52	3.34	28.53	3.43
		55	51	31.88	3.04	31.35	3.11	30.77	3.19	30.42	3.22	30.14	3.25	29.24	3.32
		60	56	32.03	3.00	31.62	3.06	31.23	3.12	30.96	3.14	30.75	3.16	29.96	3.21
		63	59	32.13	2.99	31.78	3.03	31.50	3.08	31.29	3.09	31.11	3.11	30.39	3.14
		68	64	32.22	2.97	31.94	3.00	31.78	3.04	31.62	3.05	31.49	3.05	30.83	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 55: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12+18	-13	-13.4	21.56	2.90	21.08	2.99	20.47	3.09	20.14	3.14	19.87	3.18	19.15	3.28
		-4	-4.4	25.47	3.30	24.90	3.41	24.19	3.52	23.79	3.58	23.48	3.63	22.62	3.74
		0	-0.4	27.23	3.46	26.62	3.58	25.86	3.69	25.44	3.75	25.10	3.81	24.19	3.92
		5	4.5	29.44	3.67	28.78	3.79	27.96	3.91	27.50	3.98	27.13	4.03	26.15	4.15
		10	9	30.73	3.56	30.04	3.68	29.19	3.80	28.71	3.87	28.33	3.92	27.30	4.04
		17	15	32.46	3.49	31.73	3.61	30.83	3.72	30.32	3.79	29.92	3.84	28.83	3.95
		20	19	32.87	3.45	32.13	3.56	31.21	3.68	30.70	3.74	30.30	3.79	29.19	3.90
		25	23	33.28	3.41	32.53	3.52	31.60	3.63	31.09	3.69	30.67	3.74	29.56	3.86
		30	28	33.79	3.35	33.03	3.46	32.09	3.57	31.57	3.63	31.15	3.68	30.01	3.79
		35	32	34.20	3.31	33.43	3.42	32.48	3.53	31.95	3.59	31.52	3.64	30.38	3.75
		40	36	34.61	3.27	33.83	3.37	32.87	3.48	32.33	3.54	31.90	3.59	30.74	3.70
		45	41	35.12	3.21	34.33	3.32	33.35	3.42	32.81	3.48	32.37	3.53	31.20	3.64
		47	43	35.32	3.19	34.53	3.30	33.55	3.40	33.00	3.46	32.56	3.51	31.38	3.61
		50	46	35.43	3.17	34.71	3.27	33.85	3.36	33.36	3.41	32.97	3.45	31.86	3.54
		55	51	35.60	3.14	35.01	3.21	34.36	3.29	33.97	3.33	33.65	3.36	32.66	3.43
		60	56	35.77	3.10	35.31	3.16	34.87	3.22	34.58	3.25	34.34	3.26	33.46	3.32
		63	59	35.88	3.08	35.49	3.13	35.18	3.18	34.94	3.20	34.75	3.21	33.94	3.25
		68	64	35.98	3.06	35.67	3.10	35.49	3.14	35.31	3.15	35.16	3.15	34.43	3.18
	7+24	-13	-13.4	21.56	3.01	21.08	3.11	20.47	3.21	20.14	3.27	19.87	3.31	19.15	3.41
		-4	-4.4	25.47	3.43	24.90	3.55	24.19	3.66	23.79	3.72	23.48	3.77	22.62	3.89
		0	-0.4	27.23	3.60	26.62	3.72	25.86	3.84	25.44	3.91	25.10	3.96	24.19	4.08
		5	4.5	29.44	3.81	28.78	3.94	27.96	4.07	27.50	4.14	27.13	4.19	26.15	4.32
		10	9	30.73	3.71	30.04	3.83	29.19	3.95	28.71	4.02	28.33	4.08	27.30	4.20
		17	15	32.46	3.63	31.73	3.75	30.83	3.87	30.32	3.94	29.92	3.99	28.83	4.11
		20	19	32.87	3.59	32.13	3.71	31.21	3.82	30.70	3.89	30.30	3.94	29.19	4.06
		25	23	33.28	3.54	32.53	3.66	31.60	3.78	31.09	3.84	30.67	3.89	29.56	4.01
		30	28	33.79	3.49	33.03	3.60	32.09	3.72	31.57	3.78	31.15	3.83	30.01	3.95
		35	32	34.20	3.44	33.43	3.56	32.48	3.67	31.95	3.73	31.52	3.78	30.38	3.90
		40	36	34.61	3.40	33.83	3.51	32.87	3.62	32.33	3.68	31.90	3.73	30.74	3.85
		45	41	35.12	3.34	34.33	3.45	33.35	3.56	32.81	3.62	32.37	3.67	31.20	3.78
		47	43	35.32	3.32	34.53	3.43	33.55	3.54	33.00	3.60	32.56	3.65	31.38	3.76
		50	46	35.43	3.30	34.71	3.40	33.85	3.50	33.36	3.55	32.97	3.59	31.86	3.69
		55	51	35.60	3.26	35.01	3.34	34.36	3.42	33.97	3.46	33.65	3.49	32.66	3.57
		60	56	35.77	3.23	35.31	3.29	34.87	3.35	34.58	3.38	34.34	3.40	33.46	3.45
		63	59	35.88	3.21	35.49	3.26	35.18	3.31	34.94	3.33	34.75	3.34	33.94	3.38
		68	64	35.98	3.19	35.67	3.23	35.49	3.27	35.31	3.27	35.16	3.28	34.43	3.31
	9+24*	-13	-13.4	21.56	3.01	21.08	3.11	20.47	3.21	20.14	3.27	19.87	3.31	19.15	3.41
		-4	-4.4	25.47	3.43	24.90	3.55	24.19	3.66	23.79	3.72	23.48	3.77	22.62	3.89
		0	-0.4	27.23	3.60	26.62	3.72	25.86	3.84	25.44	3.91	25.10	3.96	24.19	4.08
		5	4.5	29.44	3.81	28.78	3.94	27.96	4.07	27.50	4.14	27.13	4.19	26.15	4.32
		10	9	30.73	3.71	30.04	3.83	29.19	3.95	28.71	4.02	28.33	4.08	27.30	4.20
		17	15	32.46	3.63	31.73	3.75	30.83	3.87	30.32	3.94	29.92	3.99	28.83	4.11
		20	19	32.87	3.59	32.13	3.71	31.21	3.82	30.70	3.89	30.30	3.94	29.19	4.06
		25	23	33.28	3.54	32.53	3.66	31.60	3.78	31.09	3.84	30.67	3.89	29.56	4.01
		30	28	33.79	3.49	33.03	3.60	32.09	3.72	31.57	3.78	31.15	3.83	30.01	3.95
		35	32	34.20	3.44	33.43	3.56	32.48	3.67	31.95	3.73	31.52	3.78	30.38	3.90
		40	36	34.61	3.40	33.83	3.51	32.87	3.62	32.33	3.68	31.90	3.73	30.74	3.85
		45	41	35.12	3.34	34.33	3.45	33.35	3.56	32.81	3.62	32.37	3.67	31.20	3.78
		47	43	35.32	3.32	34.53	3.43	33.55	3.54	33.00	3.60	32.56	3.65	31.38	3.76
		50	46	35.43	3.30	34.71	3.40	33.85	3.50	33.36	3.55	32.97	3.59	31.86	3.69
		55	51	35.60	3.26	35.01	3.34	34.36	3.42	33.97	3.46	33.65	3.49	32.66	3.57
		60	56	35.77	3.23	35.31	3.29	34.87	3.35	34.58	3.38	34.34	3.40	33.46	3.45
		63	59	35.88	3.21	35.49	3.26	35.18	3.31	34.94	3.33	34.75	3.34	33.94	3.38
		68	64	35.98	3.19	35.67	3.23	35.49	3.27	35.31	3.27	35.16	3.28	34.43	3.31

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 56: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	15+18	-13	-13.4	21.56	3.01	21.08	3.11	20.47	3.21	20.14	3.27	19.87	3.31	19.15	3.41
		-4	-4.4	25.47	3.43	24.90	3.55	24.19	3.66	23.79	3.72	23.48	3.77	22.62	3.89
		0	-0.4	27.23	3.60	26.62	3.72	25.86	3.84	25.44	3.91	25.10	3.96	24.19	4.08
		5	4.5	29.44	3.81	28.78	3.94	27.96	4.07	27.50	4.14	27.13	4.19	26.15	4.32
		10	9	30.73	3.71	30.04	3.83	29.19	3.95	28.71	4.02	28.33	4.08	27.30	4.20
		17	15	32.46	3.63	31.73	3.75	30.83	3.87	30.32	3.94	29.92	3.99	28.83	4.11
		20	19	32.87	3.59	32.13	3.71	31.21	3.82	30.70	3.89	30.30	3.94	29.19	4.06
		25	23	33.28	3.54	32.53	3.66	31.60	3.78	31.09	3.84	30.67	3.89	29.56	4.01
		30	28	33.79	3.49	33.03	3.60	32.09	3.72	31.57	3.78	31.15	3.83	30.01	3.95
		35	32	34.20	3.44	33.43	3.56	32.48	3.67	31.95	3.73	31.52	3.78	30.38	3.90
		40	36	34.61	3.40	33.83	3.51	32.87	3.62	32.33	3.68	31.90	3.73	30.74	3.85
		45	41	35.12	3.34	34.33	3.45	33.35	3.56	32.81	3.62	32.37	3.67	31.20	3.78
		47	43	35.32	3.32	34.53	3.43	33.55	3.54	33.00	3.60	32.56	3.65	31.38	3.76
		50	46	35.43	3.30	34.71	3.40	33.85	3.50	33.36	3.55	32.97	3.59	31.86	3.69
		55	51	35.60	3.26	35.01	3.34	34.36	3.42	33.97	3.46	33.65	3.49	32.66	3.57
		60	56	35.77	3.23	35.31	3.29	34.87	3.35	34.58	3.38	34.34	3.40	33.46	3.45
		63	59	35.88	3.21	35.49	3.26	35.18	3.31	34.94	3.33	34.75	3.34	33.94	3.38
		68	64	35.98	3.19	35.67	3.23	35.49	3.27	35.31	3.27	35.16	3.28	34.43	3.31
	18*+18*	-13	-13.4	21.56	3.01	21.08	3.11	20.47	3.21	20.14	3.27	19.87	3.31	19.15	3.41
		-4	-4.4	25.47	3.43	24.90	3.55	24.19	3.66	23.79	3.72	23.48	3.77	22.62	3.89
		0	-0.4	27.23	3.60	26.62	3.72	25.86	3.84	25.44	3.91	25.10	3.96	24.19	4.08
		5	4.5	29.44	3.81	28.78	3.94	27.96	4.07	27.50	4.14	27.13	4.19	26.15	4.32
		10	9	30.73	3.71	30.04	3.83	29.19	3.95	28.71	4.02	28.33	4.08	27.30	4.20
		17	15	32.46	3.63	31.73	3.75	30.83	3.87	30.32	3.94	29.92	3.99	28.83	4.11
		20	19	32.87	3.59	32.13	3.71	31.21	3.82	30.70	3.89	30.30	3.94	29.19	4.06
		25	23	33.28	3.54	32.53	3.66	31.60	3.78	31.09	3.84	30.67	3.89	29.56	4.01
		30	28	33.79	3.49	33.03	3.60	32.09	3.72	31.57	3.78	31.15	3.83	30.01	3.95
		35	32	34.20	3.44	33.43	3.56	32.48	3.67	31.95	3.73	31.52	3.78	30.38	3.90
		40	36	34.61	3.40	33.83	3.51	32.87	3.62	32.33	3.68	31.90	3.73	30.74	3.85
		45	41	35.12	3.34	34.33	3.45	33.35	3.56	32.81	3.62	32.37	3.67	31.20	3.78
		47	43	35.32	3.32	34.53	3.43	33.55	3.54	33.00	3.60	32.56	3.65	31.38	3.76
		50	46	35.43	3.30	34.71	3.40	33.85	3.50	33.36	3.55	32.97	3.59	31.86	3.69
		55	51	35.60	3.26	35.01	3.34	34.36	3.42	33.97	3.46	33.65	3.49	32.66	3.57
		60	56	35.77	3.23	35.31	3.29	34.87	3.35	34.58	3.38	34.34	3.40	33.46	3.45
		63	59	35.88	3.21	35.49	3.26	35.18	3.31	34.94	3.33	34.75	3.34	33.94	3.38
		68	64	35.98	3.19	35.67	3.23	35.49	3.27	35.31	3.27	35.16	3.28	34.43	3.31
	12*+24*	-13	-13.4	21.56	3.01	21.08	3.11	20.47	3.21	20.14	3.27	19.87	3.31	19.15	3.41
		-4	-4.4	25.47	3.43	24.90	3.55	24.19	3.66	23.79	3.72	23.48	3.77	22.62	3.89
		0	-0.4	27.23	3.60	26.62	3.72	25.86	3.84	25.44	3.91	25.10	3.96	24.19	4.08
		5	4.5	29.44	3.81	28.78	3.94	27.96	4.07	27.50	4.14	27.13	4.19	26.15	4.32
		10	9	30.73	3.71	30.04	3.83	29.19	3.95	28.71	4.02	28.33	4.08	27.30	4.20
		17	15	32.46	3.63	31.73	3.75	30.83	3.87	30.32	3.94	29.92	3.99	28.83	4.11
		20	19	32.87	3.59	32.13	3.71	31.21	3.82	30.70	3.89	30.30	3.94	29.19	4.06
		25	23	33.28	3.54	32.53	3.66	31.60	3.78	31.09	3.84	30.67	3.89	29.56	4.01
		30	28	33.79	3.49	33.03	3.60	32.09	3.72	31.57	3.78	31.15	3.83	30.01	3.95
		35	32	34.20	3.44	33.43	3.56	32.48	3.67	31.95	3.73	31.52	3.78	30.38	3.90
		40	36	34.61	3.40	33.83	3.51	32.87	3.62	32.33	3.68	31.90	3.73	30.74	3.85
		45	41	35.12	3.34	34.33	3.45	33.35	3.56	32.81	3.62	32.37	3.67	31.20	3.78
		47	43	35.32	3.32	34.53	3.43	33.55	3.54	33.00	3.60	32.56	3.65	31.38	3.76
		50	46	35.43	3.30	34.71	3.40	33.85	3.50	33.36	3.55	32.97	3.59	31.86	3.69
		55	51	35.60	3.26	35.01	3.34	34.36	3.42	33.97	3.46	33.65	3.49	32.66	3.57
		60	56	35.77	3.23	35.31	3.29	34.87	3.35	34.58	3.38	34.34	3.40	33.46	3.45
		63	59	35.88	3.21	35.49	3.26	35.18	3.31	34.94	3.33	34.75	3.34	33.94	3.38
		68	64	35.98	3.19	35.67	3.23	35.49	3.27	35.31	3.27	35.16	3.28	34.43	3.31

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 57: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+7+9	-13	-13.4	17.38	2.51	16.99	2.59	16.50	2.68	16.23	2.72	16.02	2.76	15.44	2.84
		-4	-4.4	20.53	2.86	20.07	2.96	19.50	3.05	19.18	3.10	18.92	3.14	18.24	3.24
		0	-0.4	21.95	3.00	21.46	3.10	20.85	3.20	20.51	3.26	20.23	3.30	19.50	3.40
		5	4.5	23.73	3.18	23.20	3.28	22.53	3.39	22.17	3.45	21.87	3.49	21.08	3.60
		10	9	24.77	3.09	24.22	3.19	23.53	3.29	23.14	3.35	22.83	3.40	22.00	3.50
		17	15	26.16	3.03	25.58	3.13	24.85	3.23	24.44	3.28	24.12	3.33	23.24	3.43
		20	19	26.49	2.99	25.90	3.09	25.16	3.19	24.75	3.24	24.42	3.29	23.53	3.39
		25	23	26.82	2.95	26.22	3.05	25.47	3.15	25.06	3.20	24.72	3.25	23.83	3.34
		30	28	27.24	2.91	26.63	3.00	25.87	3.10	25.44	3.15	25.11	3.19	24.19	3.29
		35	32	27.57	2.87	26.95	2.96	26.18	3.06	25.75	3.11	25.41	3.15	24.49	3.25
		40	36	27.90	2.83	27.27	2.93	26.49	3.02	26.06	3.07	25.71	3.11	24.78	3.21
		45	41	28.31	2.78	27.68	2.88	26.89	2.97	26.45	3.02	26.09	3.06	25.15	3.15
		47	43	28.47	2.77	27.84	2.86	27.04	2.95	26.60	3.00	26.25	3.04	25.29	3.13
		50	46	28.56	2.75	27.98	2.83	27.29	2.91	26.89	2.96	26.58	2.99	25.68	3.07
		55	51	28.70	2.72	28.22	2.79	27.70	2.85	27.38	2.89	27.13	2.91	26.32	2.97
		60	56	28.84	2.69	28.46	2.74	28.11	2.79	27.87	2.81	27.68	2.83	26.97	2.87
		63	59	28.92	2.67	28.60	2.72	28.36	2.76	28.16	2.77	28.01	2.78	27.36	2.82
		68	64	29.00	2.66	28.75	2.69	28.61	2.72	28.46	2.73	28.34	2.73	27.75	2.76
	7+9+9	-13	-13.4	18.98	2.59	18.56	2.68	18.03	2.77	17.74	2.81	17.50	2.85	16.86	2.94
		-4	-4.4	22.43	2.96	21.93	3.05	21.30	3.15	20.95	3.21	20.67	3.25	19.92	3.35
		0	-0.4	23.98	3.10	23.44	3.20	22.78	3.31	22.40	3.36	22.11	3.41	21.30	3.51
		5	4.5	25.92	3.28	25.34	3.39	24.62	3.50	24.22	3.56	23.89	3.61	23.03	3.72
		10	9	27.06	3.19	26.46	3.30	25.70	3.40	25.28	3.46	24.95	3.51	24.04	3.62
		17	15	28.58	3.13	27.94	3.23	27.15	3.33	26.70	3.39	26.35	3.44	25.39	3.54
		20	19	28.94	3.09	28.30	3.19	27.49	3.29	27.04	3.35	26.68	3.40	25.71	3.50
		25	23	29.30	3.05	28.65	3.15	27.83	3.25	27.38	3.31	27.01	3.35	26.03	3.45
		30	28	29.75	3.00	29.09	3.10	28.26	3.20	27.80	3.26	27.43	3.30	26.43	3.40
		35	32	30.11	2.96	29.44	3.06	28.60	3.16	28.13	3.21	27.76	3.26	26.75	3.36
		40	36	30.48	2.93	29.79	3.02	28.94	3.12	28.47	3.17	28.09	3.22	27.07	3.31
		45	41	30.93	2.88	30.24	2.97	29.37	3.07	28.89	3.12	28.51	3.16	27.47	3.26
		47	43	31.11	2.86	30.41	2.95	29.54	3.05	29.06	3.10	28.67	3.14	27.63	3.24
		50	46	31.20	2.84	30.57	2.93	29.81	3.01	29.38	3.06	29.03	3.09	28.05	3.18
		55	51	31.35	2.81	30.83	2.88	30.26	2.95	29.91	2.98	29.64	3.01	28.76	3.07
		60	56	31.50	2.78	31.09	2.83	30.71	2.89	30.45	2.91	30.24	2.93	29.46	2.97
		63	59	31.59	2.76	31.25	2.81	30.98	2.85	30.77	2.86	30.60	2.88	29.89	2.91
		68	64	31.69	2.74	31.41	2.78	31.25	2.81	31.09	2.82	30.96	2.83	30.32	2.85
	7+7+12	-13	-13.4	19.40	2.61	18.96	2.70	18.42	2.78	18.12	2.83	17.88	2.87	17.23	2.96
		-4	-4.4	22.91	2.97	22.40	3.07	21.76	3.17	21.41	3.23	21.12	3.27	20.35	3.37
		0	-0.4	24.50	3.12	23.95	3.22	23.27	3.33	22.89	3.39	22.58	3.43	21.76	3.53
		5	4.5	26.48	3.31	25.89	3.41	25.15	3.52	24.74	3.58	24.41	3.63	23.53	3.74
		10	9	27.65	3.21	27.03	3.32	26.26	3.43	25.83	3.49	25.49	3.53	24.56	3.64
		17	15	29.20	3.15	28.55	3.25	27.73	3.36	27.28	3.41	26.92	3.46	25.94	3.56
		20	19	29.57	3.11	28.91	3.21	28.08	3.31	27.62	3.37	27.26	3.42	26.27	3.52
		25	23	29.94	3.07	29.27	3.17	28.43	3.27	27.97	3.33	27.60	3.38	26.59	3.48
		30	28	30.40	3.02	29.72	3.12	28.87	3.22	28.40	3.28	28.02	3.32	27.00	3.42
		35	32	30.77	2.98	30.08	3.08	29.22	3.18	28.74	3.24	28.36	3.28	27.33	3.38
		40	36	31.14	2.94	30.44	3.04	29.57	3.14	29.09	3.19	28.70	3.24	27.66	3.33
		45	41	31.60	2.90	30.89	2.99	30.01	3.09	29.52	3.14	29.13	3.18	28.07	3.28
		47	43	31.78	2.88	31.07	2.97	30.18	3.07	29.69	3.12	29.30	3.16	28.23	3.26
		50	46	31.87	2.86	31.23	2.94	30.46	3.03	30.02	3.08	29.66	3.11	28.66	3.20
		55	51	32.03	2.83	31.50	2.90	30.92	2.97	30.56	3.00	30.28	3.03	29.38	3.09
		60	56	32.19	2.80	31.77	2.85	31.38	2.90	31.11	2.93	30.89	2.94	30.10	2.99
		63	59	32.28	2.78	31.93	2.82	31.65	2.87	31.43	2.88	31.26	2.89	30.53	2.93
		68	64	32.37	2.76	32.09	2.80	31.93	2.83	31.77	2.84	31.63	2.84	30.97	2.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 58: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9+9+9	-13	-13.4	20.28	2.65	19.83	2.74	19.26	2.83	18.95	2.88	18.70	2.92	18.02	3.00
		-4	-4.4	23.96	3.02	23.43	3.12	22.76	3.22	22.39	3.28	22.09	3.32	21.29	3.42
		0	-0.4	25.62	3.17	25.05	3.28	24.33	3.38	23.94	3.44	23.62	3.49	22.76	3.59
		5	4.5	27.70	3.36	27.08	3.47	26.30	3.58	25.88	3.64	25.53	3.69	24.60	3.80
		10	9	28.92	3.27	28.27	3.37	27.46	3.48	27.01	3.54	26.65	3.59	25.68	3.70
		17	15	30.54	3.20	29.86	3.30	29.00	3.41	28.53	3.47	28.15	3.52	27.13	3.62
		20	19	30.92	3.16	30.23	3.26	29.37	3.37	28.89	3.43	28.51	3.47	27.47	3.58
		25	23	31.31	3.12	30.61	3.22	29.74	3.33	29.25	3.38	28.86	3.43	27.81	3.53
		30	28	31.79	3.07	31.08	3.17	30.19	3.27	29.70	3.33	29.31	3.38	28.24	3.48
		35	32	32.18	3.03	31.46	3.13	30.56	3.23	30.06	3.29	29.66	3.33	28.58	3.43
		40	36	32.56	2.99	31.83	3.09	30.93	3.19	30.42	3.24	30.02	3.29	28.92	3.39
		45	41	33.04	2.94	32.31	3.04	31.38	3.14	30.87	3.19	30.46	3.23	29.35	3.33
		47	43	33.24	2.92	32.49	3.02	31.57	3.12	31.05	3.17	30.64	3.21	29.52	3.31
		50	46	33.33	2.90	32.66	2.99	31.85	3.08	31.39	3.12	31.02	3.16	29.98	3.25
		55	51	33.50	2.87	32.94	2.94	32.33	3.01	31.96	3.05	31.67	3.08	30.73	3.14
		60	56	33.66	2.84	33.22	2.90	32.81	2.95	32.53	2.97	32.31	2.99	31.48	3.04
		63	59	33.76	2.82	33.39	2.87	33.10	2.91	32.87	2.93	32.69	2.94	31.93	2.98
		68	64	33.86	2.81	33.56	2.84	33.39	2.88	33.22	2.88	33.08	2.89	32.39	2.91
	7+9+12	-13	-13.4	21.04	2.69	20.57	2.78	19.98	2.86	19.65	2.91	19.39	2.95	18.69	3.04
		-4	-4.4	24.85	3.06	24.30	3.16	23.60	3.26	23.22	3.32	22.91	3.36	22.07	3.47
		0	-0.4	26.57	3.21	25.98	3.32	25.24	3.42	24.82	3.48	24.49	3.53	23.60	3.64
		5	4.5	28.72	3.40	28.08	3.51	27.28	3.63	26.83	3.69	26.48	3.74	25.51	3.85
		10	9	29.99	3.31	29.32	3.42	28.48	3.53	28.01	3.59	27.64	3.63	26.64	3.74
		17	15	31.67	3.24	30.96	3.35	30.08	3.45	29.59	3.51	29.19	3.56	28.13	3.67
		20	19	32.07	3.20	31.35	3.30	30.46	3.41	29.96	3.47	29.56	3.52	28.49	3.62
		25	23	32.47	3.16	31.74	3.26	30.84	3.37	30.33	3.43	29.93	3.47	28.84	3.58
		30	28	32.97	3.11	32.23	3.21	31.31	3.31	30.80	3.37	30.39	3.42	29.29	3.52
		35	32	33.37	3.07	32.62	3.17	31.69	3.27	31.17	3.33	30.76	3.37	29.64	3.48
		40	36	33.77	3.03	33.01	3.13	32.07	3.23	31.55	3.29	31.13	3.33	30.00	3.43
		45	41	34.27	2.98	33.50	3.08	32.55	3.18	32.01	3.23	31.59	3.28	30.44	3.37
		47	43	34.47	2.96	33.70	3.06	32.73	3.16	32.20	3.21	31.77	3.25	30.62	3.35
		50	46	34.57	2.94	33.87	3.03	33.03	3.12	32.55	3.16	32.17	3.20	31.09	3.29
		55	51	34.74	2.91	34.16	2.98	33.53	3.05	33.15	3.09	32.84	3.12	31.87	3.18
		60	56	34.91	2.88	34.45	2.93	34.03	2.99	33.74	3.01	33.50	3.03	32.65	3.08
		63	59	35.01	2.86	34.63	2.91	34.33	2.95	34.09	2.97	33.90	2.98	33.12	3.01
		68	64	35.11	2.84	34.80	2.88	34.63	2.91	34.45	2.92	34.31	2.93	33.59	2.95
	9+9+12	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 59: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+9+15	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	7+12+12	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	7+7+18	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 60: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9+9+15	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	9+12+12	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	7+9+18	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 61: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+12+15	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	9+9*+18*	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	9*+12*+15	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 62: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12+12*+12*	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	7+12*+18*	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	9*+12*+18*	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 63: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9*+15+15	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	12*+12*+15	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	7+15*+18*	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 64: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	7+9+24*	-13	-13.4	22.54	2.75	22.03	2.84	21.41	2.94	21.06	2.99	20.78	3.03	20.02	3.12
		-4	-4.4	26.63	3.14	26.03	3.24	25.29	3.34	24.87	3.40	24.54	3.45	23.65	3.55
		0	-0.4	28.47	3.29	27.83	3.40	27.04	3.51	26.60	3.57	26.24	3.62	25.29	3.73
		5	4.5	30.77	3.49	30.09	3.60	29.23	3.72	28.75	3.78	28.37	3.83	27.34	3.95
		10	9	32.13	3.39	31.41	3.50	30.51	3.61	30.01	3.68	29.62	3.73	28.54	3.84
		17	15	33.93	3.32	33.17	3.43	32.23	3.54	31.70	3.60	31.28	3.65	30.14	3.76
		20	19	34.36	3.28	33.59	3.39	32.63	3.50	32.10	3.56	31.67	3.60	30.52	3.71
		25	23	34.79	3.24	34.01	3.34	33.04	3.45	32.50	3.51	32.07	3.56	30.90	3.67
		30	28	35.32	3.19	34.53	3.29	33.55	3.40	33.00	3.46	32.56	3.50	31.38	3.61
		35	32	35.75	3.15	34.95	3.25	33.95	3.35	33.40	3.41	32.96	3.46	31.76	3.56
		40	36	36.18	3.11	35.37	3.21	34.36	3.31	33.80	3.37	33.35	3.41	32.14	3.52
		45	41	36.72	3.05	35.90	3.16	34.87	3.26	34.30	3.31	33.84	3.36	32.61	3.46
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	34.50	3.29	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
Four (4) Mixed Indoor Units	7+7+7+9	-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	7+7+9+9	-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 65: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	7+7+7+12	-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
	7+9+9+9*	60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
		-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
	7+7+9+12*	50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
		-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 66: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9+9*+9*+9*	-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	7+9+9*+12*	-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	7+7+9*+15*	-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

Table 67: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	7+7+12*+12*	-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	7+7+7+18*	-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
	9*+9*+9*+12*	-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F KUMXA301A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 68: KUMXA301A Maximum Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F DB	°F WB	61		64		68		70		72		75	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	7+9*+9*+15	-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
	7+9*+12*+12*	63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02
		-13	-13.4	23.52	2.75	22.99	2.84	22.34	2.94	21.97	2.99	21.68	3.03	20.89	3.12
		-4	-4.4	27.78	3.14	27.16	3.24	26.39	3.34	25.96	3.40	25.61	3.45	24.68	3.55
		0	-0.4	29.71	3.29	29.04	3.40	28.21	3.51	27.75	3.57	27.38	3.62	26.39	3.73
		5	4.5	32.11	3.49	31.40	3.60	30.50	3.72	30.00	3.78	29.60	3.83	28.52	3.95
		10	9	33.53	3.39	32.78	3.50	31.84	3.61	31.32	3.68	30.90	3.73	29.78	3.84
		17	15	35.41	3.32	34.62	3.43	33.63	3.54	33.08	3.60	32.64	3.65	31.45	3.76
		20	19	35.85	3.28	35.05	3.39	34.05	3.50	33.50	3.56	33.05	3.60	31.85	3.71
		25	23	36.30	3.24	35.49	3.34	34.48	3.45	33.91	3.51	33.46	3.56	32.25	3.67
		30	28	36.86	3.19	36.04	3.29	35.01	3.40	34.43	3.46	33.98	3.50	32.74	3.61
		35	32	37.31	3.15	36.47	3.25	35.43	3.35	34.85	3.41	34.39	3.46	33.14	3.56
		40	36	37.75	3.11	36.91	3.21	35.86	3.31	35.27	3.37	34.80	3.41	33.54	3.52
		45	41	38.31	3.05	37.46	3.16	36.39	3.26	35.79	3.31	35.32	3.36	34.03	3.46
		47	43	38.54	3.03	37.67	3.13	36.60	3.23	36.00	3.29	35.52	3.33	34.23	3.43
		50	46	38.65	3.01	37.87	3.10	36.93	3.19	36.40	3.24	35.97	3.28	34.75	3.37
		55	51	38.84	2.98	38.19	3.06	37.49	3.13	37.06	3.16	36.71	3.19	35.63	3.26
		60	56	39.03	2.95	38.52	3.01	38.04	3.06	37.72	3.09	37.46	3.10	36.50	3.15
		63	59	39.14	2.93	38.71	2.98	38.38	3.02	38.12	3.04	37.91	3.05	37.02	3.09
		68	64	39.25	2.91	38.91	2.95	38.71	2.98	38.52	2.99	38.36	3.00	37.56	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA181A: 16.4 ft. x 2 = 32.8 ft.

KUMXA241A: 16.4 ft. x 3 = 49.2 ft.

KUMXA301A: 16.4 ft. x 4 = 65.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX WITH LGRED MAXIMUM HEATING CAPACITY TABLES

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Multi F MAX KUMXA421A on page 861

Multi F MAX KUMXA481A on page 900

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 1: KUMXA361A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	18.29	2.18	17.88	2.25	17.37	2.32	17.09	2.36	16.86	2.39	16.25	2.47
	-4	-4.4	20.38	2.23	19.93	2.30	19.36	2.37	19.04	2.41	18.79	2.45	18.10	2.52
	0	-0.4	21.51	2.24	21.03	2.31	20.43	2.38	20.10	2.43	19.83	2.46	19.11	2.53
	5	4.5	22.93	2.25	22.42	2.32	21.78	2.40	21.42	2.44	21.14	2.47	20.37	2.55
	10	9	23.93	2.19	23.40	2.26	22.73	2.33	22.36	2.37	22.06	2.40	21.26	2.48
	17	15	25.27	2.14	24.71	2.21	24.00	2.28	23.61	2.32	23.30	2.35	22.45	2.42
	20	19	25.30	2.07	24.74	2.14	24.03	2.21	23.64	2.25	23.32	2.28	22.47	2.35
	25	23	25.33	2.01	24.76	2.07	24.06	2.14	23.66	2.18	23.35	2.20	22.50	2.27
	30	28	25.37	1.92	24.80	1.99	24.09	2.05	23.70	2.08	23.38	2.11	22.53	2.18
	35	32	25.40	1.85	24.83	1.92	24.12	1.98	23.73	2.01	23.41	2.04	22.56	2.10
	40	36	25.43	1.79	24.86	1.85	24.15	1.90	23.75	1.94	23.44	1.96	22.58	2.02
	45	41	25.46	1.70	24.89	1.76	24.18	1.82	23.79	1.85	23.47	1.87	22.62	1.93
	47	43	25.48	1.67	24.91	1.72	24.20	1.78	23.80	1.81	23.48	1.83	22.63	1.89
	50	46	25.55	1.66	25.04	1.71	24.42	1.76	24.06	1.78	23.78	1.81	22.98	1.85
	55	51	25.68	1.64	25.25	1.68	24.78	1.72	24.50	1.74	24.27	1.76	23.55	1.79
	60	56	25.80	1.62	25.46	1.65	25.15	1.69	24.94	1.70	24.76	1.71	24.13	1.73
	63	59	25.88	1.61	25.59	1.64	25.37	1.66	25.20	1.67	25.06	1.68	24.48	1.70
	68	64	25.95	1.60	25.72	1.62	25.59	1.64	25.46	1.65	25.36	1.65	24.83	1.66
19	-13	-13.4	19.42	2.34	18.98	2.41	18.44	2.49	18.14	2.53	17.90	2.57	17.25	2.64
	-4	-4.4	21.63	2.39	21.15	2.46	20.54	2.54	20.21	2.59	19.94	2.62	19.22	2.70
	0	-0.4	22.83	2.40	22.32	2.48	21.69	2.56	21.33	2.60	21.05	2.63	20.28	2.71
	5	4.5	24.34	2.41	23.79	2.49	23.11	2.57	22.73	2.62	22.43	2.65	21.62	2.73
	10	9	25.40	2.34	24.83	2.42	24.12	2.50	23.73	2.54	23.41	2.58	22.56	2.65
	17	15	26.82	2.29	26.22	2.37	25.47	2.45	25.06	2.49	24.72	2.52	23.83	2.60
	20	19	26.85	2.22	26.25	2.30	25.50	2.37	25.09	2.41	24.75	2.44	23.85	2.52
	25	23	26.88	2.15	26.28	2.22	25.53	2.29	25.12	2.33	24.78	2.36	23.88	2.43
	30	28	26.92	2.06	26.32	2.13	25.57	2.20	25.15	2.23	24.82	2.26	23.92	2.33
	35	32	26.95	1.99	26.35	2.05	25.60	2.12	25.18	2.16	24.85	2.18	23.94	2.25
	40	36	26.99	1.92	26.38	1.98	25.63	2.04	25.21	2.08	24.87	2.11	23.97	2.17
	45	41	27.02	1.82	26.42	1.89	25.66	1.95	25.25	1.98	24.91	2.01	24.00	2.07
	47	43	27.04	1.79	26.43	1.85	25.68	1.91	25.26	1.94	24.92	1.97	24.02	2.03
	50	46	27.12	1.78	26.57	1.83	25.91	1.88	25.54	1.91	25.24	1.93	24.39	1.99
	55	51	27.25	1.76	26.80	1.80	26.30	1.85	26.00	1.87	25.76	1.88	25.00	1.92
	60	56	27.38	1.74	27.03	1.77	26.69	1.81	26.47	1.82	26.28	1.83	25.61	1.86
	63	59	27.46	1.73	27.16	1.76	26.93	1.78	26.74	1.79	26.60	1.80	25.98	1.82
	68	64	27.54	1.72	27.30	1.74	27.16	1.76	27.03	1.76	26.91	1.77	26.35	1.78
20	-13	-13.4	20.53	2.48	20.07	2.56	19.50	2.64	19.18	2.69	18.92	2.73	18.24	2.81
	-4	-4.4	22.87	2.53	22.36	2.62	21.72	2.70	21.37	2.75	21.08	2.78	20.32	2.87
	0	-0.4	24.14	2.55	23.60	2.63	22.93	2.71	22.56	2.76	22.26	2.80	21.45	2.88
	5	4.5	25.73	2.56	25.16	2.65	24.44	2.73	24.04	2.78	23.72	2.81	22.86	2.90
	10	9	26.86	2.49	26.26	2.57	25.51	2.65	25.09	2.70	24.76	2.74	23.86	2.82
	17	15	28.36	2.44	27.73	2.52	26.94	2.60	26.50	2.64	26.14	2.68	25.19	2.76
	20	19	28.40	2.36	27.76	2.44	26.97	2.52	26.53	2.56	26.17	2.59	25.22	2.67
	25	23	28.43	2.28	27.79	2.36	27.00	2.43	26.56	2.48	26.20	2.51	25.25	2.58
	30	28	28.47	2.19	27.83	2.26	27.04	2.33	26.60	2.37	26.24	2.40	25.29	2.48
	35	32	28.50	2.11	27.86	2.18	27.07	2.25	26.63	2.29	26.27	2.32	25.32	2.39
	40	36	28.53	2.03	27.90	2.10	27.10	2.17	26.66	2.21	26.30	2.24	25.35	2.30
	45	41	28.57	1.94	27.94	2.00	27.14	2.07	26.69	2.10	26.34	2.13	25.38	2.19
	47	43	28.59	1.90	27.95	1.96	27.15	2.03	26.71	2.06	26.36	2.09	25.40	2.15
	50	46	28.68	1.89	28.10	1.94	27.40	2.00	27.00	2.03	26.69	2.05	25.79	2.11
	55	51	28.82	1.87	28.34	1.91	27.81	1.96	27.49	1.98	27.24	2.00	26.43	2.04
	60	56	28.96	1.85	28.58	1.88	28.23	1.92	27.99	1.93	27.79	1.94	27.08	1.97
	63	59	29.04	1.84	28.72	1.87	28.47	1.89	28.28	1.90	28.12	1.91	27.47	1.93
	68	64	29.12	1.82	28.87	1.85	28.72	1.87	28.58	1.87	28.46	1.88	27.86	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 2: KUMXA361A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	21.65	2.64	21.17	2.72	20.56	2.81	20.23	2.86	19.96	2.90	19.23	2.98
	-4	-4.4	24.12	2.69	23.59	2.78	22.91	2.87	22.54	2.92	22.24	2.96	21.43	3.05
	0	-0.4	25.46	2.71	24.89	2.80	24.18	2.88	23.79	2.93	23.47	2.97	22.62	3.06
	5	4.5	27.14	2.72	26.53	2.81	25.77	2.90	25.35	2.95	25.02	2.99	24.11	3.08
	10	9	28.33	2.65	27.69	2.73	26.90	2.82	26.46	2.87	26.11	2.91	25.16	3.00
	17	15	29.91	2.59	29.24	2.68	28.41	2.76	27.94	2.81	27.57	2.85	26.57	2.93
	20	19	29.95	2.51	29.28	2.59	28.44	2.67	27.98	2.72	27.61	2.76	26.60	2.84
	25	23	29.98	2.43	29.31	2.51	28.47	2.59	28.01	2.63	27.64	2.67	26.63	2.75
	30	28	30.02	2.32	29.35	2.40	28.52	2.48	28.05	2.52	27.68	2.56	26.67	2.63
	35	32	30.06	2.24	29.39	2.32	28.55	2.39	28.08	2.43	27.71	2.47	26.70	2.54
	40	36	30.09	2.16	29.42	2.23	28.58	2.30	28.11	2.34	27.74	2.38	26.73	2.45
	45	41	30.14	2.06	29.46	2.13	28.62	2.20	28.15	2.23	27.78	2.26	26.77	2.33
	47	43	30.15	2.02	29.48	2.09	28.64	2.15	28.17	2.19	27.80	2.22	26.78	2.29
	50	46	30.24	2.01	29.63	2.07	28.90	2.13	28.48	2.16	28.15	2.18	27.19	2.24
	55	51	30.39	1.99	29.89	2.03	29.33	2.08	29.00	2.11	28.73	2.13	27.88	2.17
22	60	56	30.54	1.96	30.14	2.00	29.77	2.04	29.51	2.05	29.31	2.07	28.56	2.10
	63	59	30.63	1.95	30.29	1.98	30.03	2.01	29.83	2.02	29.66	2.03	28.97	2.06
	68	64	30.72	1.94	30.45	1.96	30.29	1.99	30.14	1.99	30.01	2.00	29.39	2.01
	-13	-13.4	22.77	2.79	22.26	2.89	21.62	2.98	21.27	3.03	20.99	3.07	20.22	3.16
	-4	-4.4	25.37	2.85	24.80	2.95	24.09	3.04	23.70	3.09	23.38	3.14	22.53	3.23
	0	-0.4	26.77	2.87	26.18	2.96	25.43	3.06	25.01	3.11	24.68	3.15	23.78	3.25
	5	4.5	28.54	2.88	27.90	2.98	27.10	3.07	26.66	3.13	26.30	3.17	25.35	3.27
	10	9	29.79	2.80	29.12	2.90	28.29	2.99	27.83	3.04	27.46	3.08	26.46	3.17
	17	15	31.45	2.74	30.75	2.83	29.87	2.92	29.38	2.98	28.99	3.02	27.94	3.11
	20	19	31.49	2.66	30.79	2.75	29.91	2.83	29.42	2.88	29.03	2.92	27.97	3.01
	25	23	31.53	2.57	30.82	2.66	29.94	2.74	29.45	2.79	29.06	2.83	28.00	2.91
	30	28	31.57	2.46	30.86	2.54	29.98	2.63	29.49	2.67	29.10	2.71	28.04	2.79
	35	32	31.61	2.38	30.90	2.46	30.02	2.53	29.53	2.58	29.13	2.61	28.08	2.69
	40	36	31.64	2.29	30.94	2.37	30.05	2.44	29.56	2.48	29.17	2.52	28.11	2.59
	45	41	31.69	2.18	30.98	2.25	30.09	2.33	29.60	2.37	29.21	2.40	28.15	2.47
	47	43	31.71	2.14	31.00	2.21	30.11	2.28	29.62	2.32	29.23	2.35	28.16	2.42
23	50	46	31.80	2.13	31.16	2.19	30.39	2.25	29.95	2.29	29.59	2.31	28.59	2.38
	55	51	31.95	2.10	31.42	2.16	30.84	2.21	30.49	2.23	30.21	2.25	29.31	2.30
	60	56	32.11	2.08	31.69	2.12	31.30	2.16	31.03	2.18	30.82	2.19	30.03	2.22
	63	59	32.20	2.07	31.85	2.10	31.58	2.13	31.36	2.14	31.19	2.15	30.46	2.18
	68	64	32.30	2.05	32.01	2.08	31.85	2.10	31.69	2.11	31.56	2.11	30.90	2.13
	-13	-13.4	23.89	2.95	23.36	3.05	22.69	3.14	22.32	3.20	22.02	3.24	21.22	3.34
	-4	-4.4	26.62	3.01	26.02	3.11	25.28	3.21	24.86	3.27	24.53	3.31	23.64	3.41
	0	-0.4	28.09	3.03	27.47	3.13	26.68	3.23	26.25	3.28	25.90	3.33	24.96	3.43
	5	4.5	29.94	3.05	29.27	3.15	28.44	3.25	27.97	3.30	27.60	3.35	26.60	3.45
	10	9	31.25	2.96	30.56	3.06	29.68	3.16	29.20	3.21	28.81	3.25	27.76	3.35
	17	15	33.00	2.90	32.27	2.99	31.34	3.09	30.83	3.14	30.42	3.18	29.32	3.28
	20	19	33.04	2.81	32.30	2.90	31.38	2.99	30.87	3.04	30.46	3.08	29.35	3.18
	25	23	33.08	2.71	32.34	2.80	31.42	2.89	30.90	2.94	30.49	2.98	29.38	3.07
	30	28	33.13	2.60	32.39	2.69	31.46	2.77	30.95	2.82	30.54	2.86	29.43	2.94
	35	32	33.16	2.51	32.42	2.59	31.50	2.68	30.98	2.72	30.57	2.76	29.46	2.84
	40	36	33.20	2.42	32.46	2.50	31.53	2.58	31.02	2.62	30.61	2.66	29.49	2.74
	45	41	33.25	2.30	32.51	2.38	31.58	2.46	31.06	2.50	30.65	2.53	29.53	2.61
	47	43	33.27	2.26	32.53	2.33	31.60	2.41	31.08	2.45	30.67	2.48	29.55	2.56
	50	46	33.37	2.24	32.69	2.31	31.88	2.38	31.42	2.41	31.05	2.44	30.00	2.51
	55	51	33.53	2.22	32.97	2.28	32.36	2.33	31.99	2.36	31.70	2.38	30.76	2.43
	60	56	33.69	2.20	33.25	2.24	32.84	2.28	32.56	2.30	32.34	2.31	31.51	2.35
	63	59	33.79	2.18	33.42	2.22	33.13	2.25	32.91	2.26	32.72	2.27	31.96	2.30
	68	64	33.89	2.17	33.59	2.20	33.42	2.22	33.25	2.23	33.12	2.23	32.42	2.25

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 3: KUMXA361A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	25.00	3.11	24.45	3.21	23.75	3.31	23.36	3.37	23.05	3.41	22.21	3.52
	-4	-4.4	27.86	3.17	27.24	3.28	26.46	3.38	26.02	3.44	25.68	3.49	24.75	3.59
	0	-0.4	29.41	3.19	28.75	3.29	27.93	3.40	27.47	3.46	27.11	3.50	26.12	3.61
	5	4.5	31.34	3.21	30.64	3.31	29.76	3.42	29.28	3.48	28.89	3.53	27.84	3.63
	10	9	32.71	3.12	31.98	3.22	31.07	3.32	30.56	3.38	30.15	3.43	29.06	3.53
	17	15	34.54	3.05	33.77	3.15	32.81	3.25	32.27	3.31	31.84	3.35	30.68	3.45
	20	19	34.58	2.95	33.81	3.05	32.84	3.15	32.31	3.20	31.88	3.25	30.72	3.35
	25	23	34.62	2.86	33.85	2.95	32.88	3.05	32.34	3.10	31.91	3.14	30.75	3.24
	30	28	34.67	2.74	33.90	2.83	32.93	2.92	32.39	2.97	31.96	3.01	30.80	3.10
	35	32	34.71	2.64	33.94	2.73	32.97	2.82	32.43	2.87	32.00	2.91	30.83	2.99
	40	36	34.75	2.55	33.97	2.63	33.00	2.72	32.46	2.76	32.03	2.80	30.87	2.88
	45	41	34.80	2.43	34.02	2.51	33.05	2.59	32.51	2.63	32.08	2.67	30.91	2.75
	47	43	34.82	2.38	34.04	2.46	33.07	2.54	32.53	2.58	32.10	2.61	30.93	2.69
	50	46	34.92	2.36	34.22	2.43	33.37	2.51	32.89	2.54	32.50	2.57	31.40	2.64
	55	51	35.09	2.34	34.51	2.40	33.87	2.45	33.49	2.48	33.17	2.50	32.19	2.56
	60	56	35.26	2.31	34.81	2.36	34.38	2.40	34.08	2.42	33.85	2.43	32.98	2.47
	63	59	35.37	2.30	34.98	2.34	34.68	2.37	34.44	2.38	34.25	2.39	33.46	2.42
	68	64	35.47	2.28	35.16	2.31	34.98	2.34	34.80	2.35	34.66	2.35	33.94	2.37
25	-13	-13.4	26.13	3.26	25.54	3.37	24.81	3.48	24.41	3.54	24.08	3.59	23.21	3.69
	-4	-4.4	29.11	3.33	28.46	3.44	27.64	3.55	27.19	3.61	26.83	3.66	25.86	3.77
	0	-0.4	30.72	3.35	30.04	3.46	29.18	3.57	28.70	3.63	28.32	3.68	27.29	3.79
	5	4.5	32.75	3.37	32.01	3.48	31.10	3.59	30.59	3.65	30.18	3.70	29.09	3.81
	10	9	34.18	3.27	33.42	3.38	32.46	3.49	31.93	3.55	31.51	3.60	30.36	3.71
	17	15	36.09	3.20	35.29	3.31	34.28	3.42	33.72	3.48	33.27	3.52	32.06	3.63
	20	19	36.13	3.10	35.33	3.21	34.32	3.31	33.76	3.37	33.31	3.41	32.10	3.51
	25	23	36.18	3.00	35.37	3.10	34.36	3.20	33.80	3.26	33.35	3.30	32.13	3.40
	30	28	36.23	2.88	35.42	2.97	34.41	3.07	33.84	3.12	33.39	3.16	32.18	3.26
	35	32	36.27	2.78	35.46	2.87	34.45	2.96	33.88	3.01	33.43	3.05	32.22	3.14
	40	36	36.31	2.68	35.50	2.76	34.49	2.85	33.92	2.90	33.47	2.94	32.25	3.03
	45	41	36.36	2.55	35.55	2.63	34.53	2.72	33.97	2.76	33.52	2.80	32.30	2.89
	47	43	36.38	2.50	35.57	2.58	34.55	2.66	33.99	2.71	33.54	2.75	32.32	2.83
	50	46	36.49	2.48	35.75	2.56	34.87	2.63	34.36	2.67	33.96	2.70	32.81	2.78
	55	51	36.67	2.46	36.06	2.52	35.39	2.58	34.99	2.61	34.66	2.63	33.64	2.69
	60	56	36.85	2.43	36.37	2.48	35.92	2.52	35.61	2.54	35.37	2.56	34.46	2.60
	63	59	36.95	2.41	36.55	2.45	36.24	2.49	35.99	2.50	35.79	2.51	34.96	2.54
	68	64	37.06	2.40	36.74	2.43	36.55	2.46	36.37	2.47	36.22	2.47	35.46	2.49
26	-13	-13.4	27.24	3.43	26.63	3.54	25.87	3.66	25.45	3.72	25.11	3.77	24.20	3.88
	-4	-4.4	30.35	3.50	29.67	3.62	28.82	3.74	28.35	3.80	27.98	3.85	26.96	3.97
	0	-0.4	32.04	3.52	31.32	3.64	30.42	3.75	29.93	3.82	29.53	3.87	28.46	3.99
	5	4.5	34.14	3.54	33.38	3.66	32.43	3.78	31.90	3.84	31.47	3.89	30.33	4.01
	10	9	35.64	3.44	34.84	3.56	33.85	3.67	33.29	3.73	32.85	3.78	31.66	3.90
	17	15	37.63	3.37	36.79	3.48	35.74	3.59	35.16	3.65	34.69	3.70	33.43	3.82
	20	19	37.68	3.26	36.83	3.37	35.78	3.48	35.20	3.54	34.73	3.59	33.47	3.70
	25	23	37.72	3.16	36.88	3.26	35.82	3.37	35.24	3.42	34.77	3.47	33.50	3.58
	30	28	37.77	3.03	36.93	3.13	35.87	3.23	35.29	3.28	34.82	3.33	33.55	3.43
	35	32	37.82	2.92	36.97	3.02	35.92	3.11	35.33	3.17	34.86	3.21	33.59	3.31
	40	36	37.86	2.81	37.01	2.91	35.96	3.00	35.37	3.05	34.90	3.09	33.63	3.19
	45	41	37.91	2.68	37.07	2.77	36.01	2.86	35.42	2.91	34.95	2.95	33.68	3.04
	47	43	37.94	2.63	37.09	2.71	36.03	2.80	35.44	2.85	34.97	2.89	33.70	2.98
	50	46	38.05	2.61	37.28	2.69	36.36	2.77	35.83	2.81	35.41	2.84	34.21	2.92
	55	51	38.23	2.58	37.60	2.65	36.90	2.71	36.48	2.74	36.14	2.77	35.07	2.83
	60	56	38.42	2.56	37.92	2.61	37.45	2.65	37.13	2.67	36.88	2.69	35.93	2.73
	63	59	38.53	2.54	38.11	2.58	37.78	2.62	37.52	2.63	37.32	2.64	36.45	2.67
	68	64	38.64	2.52	38.30	2.56	38.11	2.59	37.92	2.59	37.76	2.60	36.97	2.62

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 4: KUMXA361A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	28.36	3.59	27.73	3.71	26.94	3.82	26.50	3.89	26.14	3.94	25.19	4.06
	-4	-4.4	31.60	3.66	30.89	3.78	30.01	3.91	29.52	3.97	29.13	4.03	28.07	4.15
	0	-0.4	33.36	3.68	32.61	3.80	31.68	3.93	31.16	3.99	30.75	4.05	29.63	4.17
	5	4.5	35.55	3.70	34.75	3.83	33.76	3.95	33.21	4.02	32.77	4.07	31.58	4.19
	10	9	37.11	3.60	36.28	3.72	35.24	3.84	34.66	3.90	34.20	3.96	32.96	4.08
	17	15	39.18	3.52	38.31	3.64	37.21	3.76	36.60	3.82	36.12	3.87	34.80	3.99
	20	19	39.23	3.41	38.35	3.53	37.26	3.64	36.65	3.70	36.16	3.75	34.85	3.86
	25	23	39.27	3.30	38.40	3.41	37.30	3.52	36.69	3.58	36.20	3.63	34.89	3.74
	30	28	39.33	3.16	38.45	3.27	37.35	3.37	36.74	3.43	36.25	3.48	34.94	3.58
	35	32	39.37	3.05	38.49	3.15	37.40	3.25	36.78	3.31	36.30	3.36	34.98	3.46
	40	36	39.42	2.94	38.54	3.04	37.44	3.14	36.83	3.19	36.34	3.23	35.02	3.33
	45	41	39.48	2.80	38.59	2.90	37.49	2.99	36.88	3.04	36.39	3.08	35.07	3.17
	47	43	39.50	2.75	38.62	2.84	37.51	2.93	36.90	2.98	36.41	3.02	35.09	3.11
	50	46	39.61	2.73	38.82	2.81	37.86	2.89	37.31	2.94	36.87	2.97	35.62	3.05
	55	51	39.81	2.70	39.15	2.77	38.43	2.83	37.98	2.87	37.63	2.89	36.52	2.95
	60	56	40.00	2.67	39.48	2.72	39.00	2.77	38.66	2.80	38.39	2.81	37.41	2.86
28	63	59	40.12	2.66	39.68	2.70	39.34	2.74	39.07	2.75	38.85	2.76	37.95	2.80
	68	64	40.23	2.64	39.88	2.67	39.68	2.70	39.48	2.71	39.32	2.72	38.49	2.74
	-13	-13.4	29.49	3.76	28.83	3.88	28.00	4.00	27.55	4.07	27.18	4.13	26.19	4.25
	-4	-4.4	32.85	3.84	32.12	3.96	31.20	4.09	30.69	4.16	30.28	4.22	29.18	4.34
	0	-0.4	34.68	3.85	33.90	3.98	32.93	4.11	32.39	4.18	31.96	4.24	30.80	4.36
	5	4.5	36.96	3.88	36.13	4.01	35.10	4.13	34.52	4.21	34.07	4.26	32.83	4.39
	10	9	38.57	3.77	37.71	3.89	36.64	4.02	36.04	4.09	35.56	4.14	34.26	4.27
	17	15	40.73	3.69	39.82	3.81	38.69	3.93	38.05	4.00	37.55	4.06	36.18	4.18
	20	19	40.78	3.57	39.87	3.69	38.73	3.81	38.10	3.88	37.59	3.93	36.22	4.05
	25	23	40.83	3.46	39.91	3.57	38.77	3.69	38.14	3.75	37.63	3.80	36.27	3.91
	30	28	40.89	3.31	39.97	3.42	38.83	3.53	38.20	3.59	37.69	3.64	36.32	3.75
	35	32	40.93	3.20	40.02	3.30	38.87	3.41	38.24	3.47	37.73	3.51	36.36	3.62
	40	36	40.98	3.08	40.06	3.18	38.92	3.28	38.28	3.34	37.77	3.39	36.40	3.49
	45	41	41.04	2.93	40.12	3.03	38.97	3.13	38.34	3.18	37.83	3.23	36.45	3.32
	47	43	41.06	2.88	40.14	2.97	39.00	3.07	38.36	3.12	37.85	3.16	36.47	3.26
	50	46	41.18	2.86	40.35	2.94	39.35	3.03	38.78	3.08	38.33	3.11	37.03	3.20
	55	51	41.38	2.83	40.70	2.90	39.95	2.97	39.49	3.00	39.12	3.03	37.96	3.09
29	60	56	41.58	2.80	41.04	2.85	40.54	2.90	40.19	2.93	39.91	2.94	38.89	2.99
	63	59	41.71	2.78	41.25	2.82	40.89	2.87	40.61	2.88	40.39	2.89	39.45	2.93
	68	64	41.83	2.76	41.46	2.80	41.25	2.83	41.04	2.84	40.87	2.84	40.02	2.87
	-13	-13.4	30.60	3.92	29.92	4.05	29.06	4.18	28.59	4.26	28.21	4.31	27.18	4.44
	-4	-4.4	34.09	4.01	33.33	4.14	32.38	4.27	31.85	4.35	31.43	4.41	30.28	4.54
	0	-0.4	35.99	4.03	35.18	4.16	34.18	4.29	33.62	4.37	33.17	4.43	31.96	4.56
	5	4.5	38.35	4.05	37.50	4.19	36.42	4.32	35.83	4.39	35.35	4.45	34.07	4.59
	10	9	40.03	3.94	39.14	4.07	38.02	4.20	37.40	4.27	36.90	4.33	35.56	4.46
	17	15	42.27	3.86	41.33	3.98	40.15	4.11	39.49	4.18	38.97	4.24	37.55	4.36
	20	19	42.32	3.73	41.38	3.86	40.19	3.98	39.54	4.05	39.01	4.10	37.59	4.23
	25	23	42.37	3.61	41.42	3.73	40.24	3.85	39.58	3.92	39.06	3.97	37.64	4.09
	30	28	42.43	3.46	41.48	3.58	40.30	3.69	39.64	3.75	39.11	3.80	37.69	3.92
	35	32	42.48	3.34	41.53	3.45	40.34	3.56	39.68	3.62	39.16	3.67	37.73	3.78
	40	36	42.53	3.22	41.58	3.32	40.39	3.43	39.73	3.49	39.20	3.54	37.78	3.64
	45	41	42.59	3.07	41.64	3.17	40.45	3.27	39.79	3.33	39.26	3.37	37.83	3.47
	47	43	42.61	3.01	41.66	3.11	40.47	3.20	39.81	3.26	39.28	3.30	37.85	3.40
	50	46	42.74	2.99	41.88	3.08	40.84	3.17	40.25	3.21	39.78	3.25	38.43	3.34
	55	51	42.95	2.96	42.24	3.03	41.46	3.10	40.98	3.14	40.60	3.16	39.40	3.23
	60	56	43.16	2.92	42.59	2.98	42.07	3.04	41.71	3.06	41.42	3.08	40.36	3.12
	63	59	43.28	2.91	42.81	2.95	42.44	3.00	42.15	3.01	41.92	3.02	40.94	3.06
	68	64	43.41	2.89	43.03	2.92	42.81	2.96	42.59	2.97	42.42	2.97	41.53	3.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 5: KUMXA361A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	31.72	4.10	31.01	4.24	30.13	4.38	29.63	4.45	29.24	4.51	28.18	4.65
	-4	-4.4	35.34	4.19	34.55	4.33	33.57	4.47	33.02	4.55	32.58	4.61	31.39	4.75
	0	-0.4	37.31	4.21	36.47	4.35	35.43	4.49	34.85	4.57	34.39	4.63	33.14	4.77
	5	4.5	39.76	4.24	38.87	4.38	37.76	4.52	37.14	4.60	36.65	4.66	35.32	4.80
	10	9	41.50	4.12	40.57	4.26	39.41	4.39	38.77	4.47	38.25	4.53	36.86	4.66
	17	15	43.82	4.03	42.84	4.17	41.62	4.30	40.94	4.37	40.40	4.43	38.93	4.57
	20	19	43.87	3.91	42.89	4.03	41.67	4.16	40.99	4.24	40.44	4.29	38.97	4.42
	25	23	43.92	3.78	42.94	3.90	41.72	4.03	41.03	4.10	40.49	4.15	39.02	4.28
	30	28	43.99	3.62	43.00	3.74	41.78	3.86	41.09	3.93	40.55	3.98	39.07	4.10
	35	32	44.04	3.49	43.05	3.61	41.82	3.72	41.14	3.79	40.59	3.84	39.12	3.96
	40	36	44.09	3.37	43.10	3.48	41.87	3.59	41.19	3.65	40.64	3.70	39.16	3.81
	45	41	44.15	3.21	43.16	3.31	41.93	3.42	41.25	3.48	40.70	3.53	39.22	3.63
	47	43	44.18	3.14	43.19	3.25	41.96	3.35	41.27	3.41	40.72	3.46	39.24	3.56
	50	46	44.31	3.12	43.41	3.22	42.34	3.31	41.72	3.36	41.23	3.40	39.84	3.49
	55	51	44.52	3.09	43.78	3.17	42.98	3.24	42.48	3.28	42.09	3.31	40.84	3.38
	60	56	44.74	3.06	44.16	3.12	43.61	3.17	43.24	3.20	42.94	3.22	41.84	3.27
	63	59	44.87	3.04	44.38	3.09	44.00	3.13	43.70	3.15	43.45	3.16	42.44	3.20
	68	64	45.00	3.02	44.60	3.06	44.38	3.09	44.15	3.10	43.97	3.11	43.05	3.13
31	-13	-13.4	32.84	4.27	32.10	4.41	31.19	4.56	30.68	4.63	30.27	4.70	29.17	4.84
	-4	-4.4	36.58	4.36	35.77	4.51	34.74	4.65	34.18	4.73	33.72	4.80	32.50	4.94
	0	-0.4	38.62	4.39	37.75	4.53	36.67	4.68	36.08	4.76	35.60	4.82	34.30	4.97
	5	4.5	41.16	4.41	40.24	4.56	39.09	4.70	38.45	4.79	37.94	4.85	36.56	5.00
	10	9	42.96	4.29	42.00	4.43	40.80	4.57	40.13	4.65	39.60	4.71	38.16	4.86
	17	15	45.36	4.20	44.35	4.34	43.08	4.48	42.38	4.55	41.82	4.61	40.29	4.75
	20	19	45.42	4.07	44.40	4.20	43.13	4.33	42.43	4.41	41.86	4.47	40.34	4.60
	25	23	45.47	3.93	44.45	4.06	43.18	4.19	42.48	4.27	41.91	4.32	40.39	4.45
	30	28	45.53	3.77	44.52	3.89	43.24	4.02	42.54	4.09	41.97	4.14	40.45	4.27
	35	32	45.59	3.64	44.57	3.76	43.29	3.88	42.59	3.94	42.02	4.00	40.49	4.12
	40	36	45.64	3.50	44.62	3.62	43.34	3.74	42.63	3.80	42.07	3.85	40.54	3.97
	45	41	45.70	3.34	44.68	3.45	43.40	3.56	42.70	3.62	42.13	3.67	40.60	3.78
	47	43	45.73	3.27	44.71	3.38	43.43	3.49	42.72	3.55	42.15	3.60	40.62	3.71
	50	46	45.86	3.25	44.94	3.35	43.83	3.45	43.19	3.50	42.68	3.54	41.24	3.64
	55	51	46.09	3.22	45.32	3.30	44.49	3.38	43.98	3.41	43.57	3.45	42.28	3.52
	60	56	46.31	3.18	45.71	3.25	45.15	3.31	44.76	3.33	44.45	3.35	43.31	3.40
	63	59	46.45	3.16	45.94	3.21	45.54	3.26	45.23	3.28	44.98	3.29	43.94	3.33
	68	64	46.58	3.14	46.17	3.18	45.94	3.22	45.71	3.23	45.52	3.24	44.57	3.26
32	-13	-13.4	33.96	4.45	33.20	4.60	32.25	4.75	31.72	4.83	31.30	4.90	30.16	5.04
	-4	-4.4	37.83	4.55	36.99	4.70	35.93	4.85	35.35	4.93	34.88	5.00	33.61	5.15
	0	-0.4	39.94	4.57	39.04	4.72	37.93	4.87	37.31	4.96	36.81	5.02	35.47	5.18
	5	4.5	42.56	4.60	41.61	4.75	40.42	4.90	39.76	4.99	39.23	5.06	37.81	5.21
	10	9	44.43	4.47	43.43	4.62	42.19	4.76	41.50	4.85	40.95	4.91	39.46	5.06
	17	15	46.91	4.38	45.87	4.52	44.55	4.66	43.83	4.75	43.24	4.81	41.67	4.95
	20	19	46.97	4.24	45.92	4.38	44.61	4.52	43.88	4.60	43.29	4.66	41.72	4.80
	25	23	47.02	4.10	45.97	4.24	44.66	4.37	43.93	4.45	43.34	4.51	41.77	4.64
	30	28	47.09	3.93	46.04	4.06	44.72	4.19	43.99	4.26	43.41	4.32	41.83	4.45
	35	32	47.14	3.79	46.09	3.92	44.77	4.04	44.04	4.11	43.46	4.17	41.88	4.29
	40	36	47.20	3.65	46.14	3.77	44.82	3.89	44.09	3.96	43.51	4.01	41.92	4.14
	45	41	47.26	3.48	46.21	3.60	44.89	3.71	44.15	3.77	43.57	3.83	41.98	3.94
	47	43	47.29	3.41	46.23	3.52	44.91	3.64	44.18	3.70	43.59	3.75	42.01	3.86
	50	46	47.43	3.39	46.47	3.49	45.32	3.59	44.67	3.65	44.14	3.69	42.65	3.79
	55	51	47.66	3.35	46.87	3.44	46.01	3.52	45.48	3.56	45.06	3.59	43.72	3.67
	60	56	47.89	3.32	47.27	3.38	46.69	3.44	46.29	3.47	45.97	3.49	44.79	3.55
	63	59	48.03	3.30	47.51	3.35	47.10	3.40	46.78	3.42	46.52	3.43	45.44	3.47
	68	64	48.17	3.28	47.75	3.32	47.51	3.36	47.27	3.37	47.07	3.37	46.09	3.40

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 6: KUMXA361A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	35.07	4.63	34.29	4.79	33.31	4.94	32.77	5.03	32.33	5.09	31.15	5.25
	-4	-4.4	39.08	4.73	38.20	4.89	37.11	5.05	36.51	5.13	36.02	5.20	34.71	5.36
	0	-0.4	41.25	4.76	40.32	4.91	39.17	5.07	38.53	5.16	38.02	5.23	36.64	5.39
	5	4.5	43.96	4.79	42.98	4.94	41.75	5.10	41.07	5.19	40.52	5.26	39.05	5.42
	10	9	45.89	4.65	44.86	4.80	43.58	4.96	42.87	5.04	42.30	5.11	40.76	5.27
	17	15	48.45	4.55	47.37	4.70	46.02	4.85	45.26	4.94	44.66	5.00	43.04	5.15
	20	19	48.51	4.41	47.42	4.56	46.07	4.70	45.32	4.78	44.71	4.85	43.09	4.99
	25	23	48.56	4.27	47.48	4.41	46.12	4.55	45.37	4.63	44.77	4.69	43.14	4.83
	30	28	48.63	4.09	47.55	4.22	46.19	4.36	45.43	4.43	44.83	4.49	43.20	4.63
	35	32	48.69	3.94	47.60	4.07	46.24	4.20	45.49	4.28	44.88	4.34	43.25	4.47
	40	36	48.75	3.80	47.66	3.93	46.30	4.05	45.54	4.12	44.93	4.18	43.30	4.30
	45	41	48.82	3.62	47.73	3.74	46.36	3.86	45.60	3.93	45.00	3.98	43.36	4.10
	47	43	48.84	3.55	47.75	3.67	46.39	3.78	45.63	3.85	45.02	3.90	43.39	4.02
	50	46	48.99	3.53	48.00	3.63	46.81	3.74	46.13	3.79	45.59	3.84	44.05	3.94
	55	51	49.23	3.49	48.41	3.58	47.52	3.66	46.97	3.70	46.53	3.74	45.16	3.82
34	60	56	49.47	3.45	48.82	3.52	48.22	3.58	47.81	3.61	47.48	3.63	46.26	3.69
	63	59	49.61	3.43	49.07	3.49	48.64	3.54	48.31	3.56	48.04	3.57	46.93	3.61
	68	64	49.75	3.41	49.32	3.45	49.07	3.49	48.82	3.50	48.62	3.51	47.60	3.54
	-13	-13.4	36.20	4.82	35.39	4.97	34.38	5.13	33.81	5.22	33.36	5.29	32.15	5.45
	-4	-4.4	40.33	4.92	39.43	5.08	38.30	5.24	37.67	5.33	37.17	5.41	35.82	5.57
	0	-0.4	42.57	4.94	41.62	5.11	40.43	5.27	39.77	5.36	39.24	5.43	37.81	5.60
	5	4.5	45.37	4.97	44.35	5.14	43.09	5.30	42.38	5.39	41.82	5.47	40.30	5.63
	10	9	47.35	4.83	46.30	4.99	44.97	5.15	44.24	5.24	43.65	5.31	42.06	5.47
	17	15	50.00	4.73	48.89	4.89	47.49	5.04	46.71	5.13	46.09	5.20	44.42	5.36
	20	19	50.06	4.58	48.94	4.73	47.54	4.88	46.77	4.97	46.15	5.04	44.47	5.19
	25	23	50.12	4.43	49.00	4.58	47.60	4.73	46.82	4.81	46.20	4.87	44.52	5.02
	30	28	50.19	4.25	49.07	4.39	47.67	4.53	46.89	4.61	46.27	4.67	44.58	4.81
	35	32	50.25	4.10	49.13	4.23	47.72	4.37	46.94	4.44	46.32	4.50	44.63	4.64
	40	36	50.31	3.95	49.18	4.08	47.78	4.21	47.00	4.28	46.37	4.34	44.69	4.47
	45	41	50.38	3.76	49.25	3.89	47.84	4.01	47.06	4.08	46.44	4.14	44.75	4.26
	47	43	50.41	3.69	49.28	3.81	47.87	3.93	47.09	4.00	46.46	4.05	44.77	4.18
35	50	46	50.55	3.67	49.53	3.77	48.31	3.88	47.61	3.94	47.05	3.99	45.46	4.10
	55	51	50.80	3.63	49.96	3.72	49.04	3.80	48.47	3.85	48.02	3.88	46.60	3.97
	60	56	51.05	3.59	50.38	3.66	49.76	3.72	49.34	3.75	49.00	3.77	47.74	3.83
	63	59	51.20	3.56	50.64	3.62	50.20	3.68	49.86	3.69	49.58	3.71	48.43	3.75
	68	64	51.34	3.54	50.89	3.59	50.64	3.63	50.38	3.64	50.17	3.65	49.13	3.68
	-13	-13.4	37.31	5.00	36.48	5.16	35.43	5.33	34.86	5.42	34.39	5.49	33.14	5.66
	-4	-4.4	41.57	5.10	40.64	5.27	39.48	5.44	38.83	5.53	38.32	5.61	36.92	5.78
	0	-0.4	43.88	5.13	42.90	5.30	41.67	5.47	40.99	5.56	40.45	5.64	38.97	5.81
	5	4.5	46.76	5.16	45.72	5.33	44.41	5.50	43.69	5.59	43.11	5.67	41.54	5.84
	10	9	48.81	5.01	47.72	5.18	46.36	5.34	45.60	5.44	44.99	5.51	43.36	5.68
	17	15	51.54	4.91	50.39	5.07	48.95	5.23	48.15	5.32	47.51	5.39	45.78	5.56
	20	19	51.60	4.75	50.45	4.91	49.01	5.07	48.21	5.15	47.57	5.22	45.84	5.38
	25	23	51.66	4.60	50.51	4.75	49.06	4.90	48.26	4.99	47.62	5.05	45.89	5.21
	30	28	51.74	4.41	50.58	4.55	49.13	4.70	48.33	4.78	47.69	4.84	45.96	4.99
	35	32	51.80	4.25	50.64	4.39	49.19	4.53	48.39	4.61	47.74	4.67	46.01	4.81
	40	36	51.85	4.10	50.70	4.23	49.25	4.37	48.44	4.44	47.80	4.50	46.06	4.64
	45	41	51.93	3.90	50.77	4.03	49.32	4.16	48.51	4.23	47.87	4.29	46.13	4.42
	47	43	51.96	3.83	50.80	3.95	49.35	4.08	48.54	4.15	47.89	4.21	46.15	4.33
	50	46	52.11	3.80	51.06	3.92	49.80	4.03	49.07	4.09	48.50	4.14	46.86	4.25
	55	51	52.37	3.76	51.50	3.86	50.55	3.95	49.97	3.99	49.50	4.03	48.04	4.11
	60	56	52.62	3.72	51.93	3.79	51.30	3.86	50.86	3.89	50.51	3.92	49.21	3.98
	63	59	52.77	3.70	52.20	3.76	51.75	3.81	51.39	3.83	51.11	3.85	49.92	3.89
	68	64	52.93	3.67	52.46	3.72	52.20	3.76	51.93	3.77	51.72	3.78	50.64	3.81

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 7: KUMXA361A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82
	45	41	53.49	4.05	52.30	4.19	50.80	4.32	49.97	4.40	49.31	4.46	47.51	4.59
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
37	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82
	45	41	53.49	4.05	52.30	4.19	50.80	4.32	49.97	4.40	49.31	4.46	47.51	4.59
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
	63	59	54.36	3.84	53.77	3.90	53.30	3.96	52.94	3.98	52.65	4.00	51.42	4.04
	68	64	54.52	3.82	54.04	3.86	53.77	3.91	53.49	3.92	53.27	3.93	52.16	3.96
38	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82
	45	41	53.49	4.05	52.30	4.19	50.80	4.32	49.97	4.40	49.31	4.46	47.51	4.59
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
	63	59	54.36	3.84	53.77	3.90	53.30	3.96	52.94	3.98	52.65	4.00	51.42	4.04
	68	64	54.52	3.82	54.04	3.86	53.77	3.91	53.49	3.92	53.27	3.93	52.16	3.96

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 8: KUMXA361A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82
	45	41	53.49	4.05	52.30	4.19	50.80	4.32	49.97	4.40	49.31	4.46	47.51	4.59
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
40	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82
	45	41	53.49	4.05	52.30	4.19	50.80	4.32	49.97	4.40	49.31	4.46	47.51	4.59
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
	63	59	54.36	3.84	53.77	3.90	53.30	3.96	52.94	3.98	52.65	4.00	51.42	4.04
	68	64	54.52	3.82	54.04	3.86	53.77	3.91	53.49	3.92	53.27	3.93	52.16	3.96
41	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82
	45	41	53.49	4.05	52.30	4.19	50.80	4.32	49.97	4.40	49.31	4.46	47.51	4.59
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
	63	59	54.36	3.84	53.77	3.90	53.30	3.96	52.94	3.98	52.65	4.00	51.42	4.04
	68	64	54.52	3.82	54.04	3.86	53.77	3.91	53.49	3.92	53.27	3.93	52.16	3.96

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 9: KUMXA361A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82
	45	41	53.49	4.05	52.30	4.19	50.80	4.32	49.97	4.40	49.31	4.46	47.51	4.59
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
	63	59	54.36	3.84	53.77	3.90	53.30	3.96	52.94	3.98	52.65	4.00	51.42	4.04
	68	64	54.52	3.82	54.04	3.86	53.77	3.91	53.49	3.92	53.27	3.93	52.16	3.96
43	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82
	45	41	53.49	4.05	52.30	4.19	50.80	4.32	49.97	4.40	49.31	4.46	47.51	4.59
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
	63	59	54.36	3.84	53.77	3.90	53.30	3.96	52.94	3.98	52.65	4.00	51.42	4.04
	68	64	54.52	3.82	54.04	3.86	53.77	3.91	53.49	3.92	53.27	3.93	52.16	3.96
44	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82
	45	41	53.49	4.05	52.30	4.19	50.80	4.32	49.97	4.40	49.31	4.46	47.51	4.59
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
	63	59	54.36	3.84	53.77	3.90	53.30	3.96	52.94	3.98	52.65	4.00	51.42	4.04
	68	64	54.52	3.82	54.04	3.86	53.77	3.91	53.49	3.92	53.27	3.93	52.16	3.96

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 10: KUMXA361A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82
	45	41	53.49	4.05	52.30	4.19	50.80	4.32	49.97	4.40	49.31	4.46	47.51	4.59
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
46	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
	63	59	54.36	3.84	53.77	3.90	53.30	3.96	52.94	3.98	52.65	4.00	51.42	4.04
	68	64	54.52	3.82	54.04	3.86	53.77	3.91	53.49	3.92	53.27	3.93	52.16	3.96
	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82
	45	41	53.49	4.05	52.30	4.19	50.80	4.32	49.97	4.40	49.31	4.46	47.51	4.59
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
47	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
	63	59	54.36	3.84	53.77	3.90	53.30	3.96	52.94	3.98	52.65	4.00	51.42	4.04
	68	64	54.52	3.82	54.04	3.86	53.77	3.91	53.49	3.92	53.27	3.93	52.16	3.96
	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 11: KUMXA361A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	38.43	5.19	37.57	5.36	36.50	5.53	35.90	5.63	35.43	5.70	34.14	5.87
	-4	-4.4	42.82	5.30	41.86	5.47	40.67	5.65	40.00	5.75	39.47	5.82	38.03	6.00
	0	-0.4	45.20	5.32	44.19	5.50	42.92	5.68	42.22	5.77	41.66	5.85	40.15	6.03
	5	4.5	48.17	5.36	47.09	5.53	45.75	5.71	45.00	5.81	44.40	5.89	42.79	6.07
	10	9	50.28	5.21	49.16	5.38	47.75	5.55	46.97	5.65	46.35	5.72	44.66	5.89
	17	15	53.09	5.10	51.91	5.27	50.42	5.43	49.60	5.53	48.94	5.60	47.16	5.77
	20	19	53.15	4.94	51.97	5.10	50.48	5.26	49.66	5.35	49.00	5.43	47.22	5.59
	25	23	53.22	4.78	52.03	4.93	50.54	5.09	49.71	5.18	49.05	5.25	47.27	5.41
	30	28	53.29	4.58	52.10	4.73	50.61	4.88	49.79	4.96	49.12	5.03	47.34	5.18
	35	32	53.35	4.42	52.16	4.56	50.67	4.71	49.84	4.79	49.18	4.85	47.39	5.00
	40	36	53.41	4.25	52.22	4.40	50.73	4.54	49.90	4.61	49.24	4.68	47.45	4.82
	45	41	53.49	4.05	52.30	4.19	50.80	4.32	49.97	4.40	49.31	4.46	47.51	4.59
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
	63	59	54.36	3.84	53.77	3.90	53.30	3.96	52.94	3.98	52.65	4.00	51.42	4.04
	68	64	54.52	3.82	54.04	3.86	53.77	3.91	53.49	3.92	53.27	3.93	52.16	3.96

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 12: KUMXA361A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	18.29	2.27	17.88	2.34	17.37	2.42	17.09	2.46	16.86	2.49	16.25	2.57
	-4	-4.4	20.38	2.32	19.93	2.39	19.36	2.47	19.04	2.51	18.79	2.55	18.10	2.62
	0	-0.4	21.51	2.33	21.03	2.41	20.43	2.49	20.10	2.53	19.83	2.56	19.11	2.64
	5	4.5	22.93	2.35	22.42	2.43	21.78	2.51	21.42	2.55	21.14	2.58	20.37	2.66
	10	9	23.93	2.29	23.40	2.36	22.73	2.44	22.36	2.48	22.06	2.52	21.26	2.59
	17	15	25.27	2.24	24.71	2.32	24.00	2.39	23.61	2.43	23.30	2.47	22.45	2.54
	20	19	25.30	2.17	24.74	2.24	24.03	2.32	23.64	2.36	23.32	2.39	22.47	2.46
	25	23	25.33	2.10	24.76	2.17	24.06	2.24	23.66	2.28	23.35	2.31	22.50	2.38
	30	28	25.37	2.02	24.80	2.08	24.09	2.15	23.70	2.19	23.38	2.21	22.53	2.28
	35	32	25.40	1.94	24.83	2.01	24.12	2.07	23.73	2.11	23.41	2.14	22.56	2.20
	40	36	25.43	1.87	24.86	1.94	24.15	2.00	23.75	2.03	23.44	2.06	22.58	2.12
	45	41	25.46	1.79	24.89	1.85	24.18	1.91	23.79	1.94	23.47	1.96	22.62	2.02
	47	43	25.48	1.75	24.91	1.81	24.20	1.87	23.80	1.90	23.48	1.93	22.63	1.98
	50	46	25.55	1.74	25.04	1.79	24.42	1.85	24.06	1.87	23.78	1.90	22.98	1.95
	55	51	25.68	1.72	25.25	1.77	24.78	1.81	24.50	1.83	24.27	1.84	23.55	1.88
	60	56	25.80	1.70	25.46	1.74	25.15	1.77	24.94	1.78	24.76	1.79	24.13	1.82
	63	59	25.88	1.69	25.59	1.72	25.37	1.75	25.20	1.76	25.06	1.76	24.48	1.78
	68	64	25.95	1.68	25.72	1.70	25.59	1.72	25.46	1.73	25.36	1.73	24.83	1.75
19	-13	-13.4	19.42	2.41	18.98	2.49	18.44	2.57	18.14	2.62	17.90	2.65	17.25	2.73
	-4	-4.4	21.63	2.46	21.15	2.54	20.54	2.63	20.21	2.67	19.94	2.71	19.22	2.79
	0	-0.4	22.83	2.48	22.32	2.56	21.69	2.64	21.33	2.69	21.05	2.73	20.28	2.81
	5	4.5	24.34	2.50	23.79	2.58	23.11	2.67	22.73	2.71	22.43	2.75	21.62	2.83
	10	9	25.40	2.43	24.83	2.51	24.12	2.59	23.73	2.64	23.41	2.67	22.56	2.75
	17	15	26.82	2.38	26.22	2.46	25.47	2.54	25.06	2.59	24.72	2.62	23.83	2.70
	20	19	26.85	2.31	26.25	2.39	25.50	2.46	25.09	2.51	24.75	2.54	23.85	2.62
	25	23	26.88	2.24	26.28	2.31	25.53	2.38	25.12	2.42	24.78	2.46	23.88	2.53
	30	28	26.92	2.14	26.32	2.21	25.57	2.28	25.15	2.32	24.82	2.35	23.92	2.43
	35	32	26.95	2.07	26.35	2.14	25.60	2.20	25.18	2.24	24.85	2.27	23.94	2.34
	40	36	26.99	1.99	26.38	2.06	25.63	2.12	25.21	2.16	24.87	2.19	23.97	2.26
	45	41	27.02	1.90	26.42	1.96	25.66	2.03	25.25	2.06	24.91	2.09	24.00	2.15
	47	43	27.04	1.86	26.43	1.92	25.68	1.99	25.26	2.02	24.92	2.05	24.02	2.11
	50	46	27.12	1.85	26.57	1.91	25.91	1.96	25.54	1.99	25.24	2.01	24.39	2.07
	55	51	27.25	1.83	26.80	1.88	26.30	1.92	26.00	1.94	25.76	1.96	25.00	2.00
	60	56	27.38	1.81	27.03	1.85	26.69	1.88	26.47	1.89	26.28	1.91	25.61	1.94
	63	59	27.46	1.80	27.16	1.83	26.93	1.86	26.74	1.87	26.60	1.87	25.98	1.90
	68	64	27.54	1.79	27.30	1.81	27.16	1.83	27.03	1.84	26.91	1.84	26.35	1.86
20	-13	-13.4	20.53	2.57	20.07	2.65	19.50	2.74	19.18	2.79	18.92	2.82	18.24	2.91
	-4	-4.4	22.87	2.62	22.36	2.71	21.72	2.80	21.37	2.84	21.08	2.88	20.32	2.97
	0	-0.4	24.14	2.64	23.60	2.73	22.93	2.81	22.56	2.86	22.26	2.90	21.45	2.99
	5	4.5	25.73	2.66	25.16	2.75	24.44	2.84	24.04	2.89	23.72	2.92	22.86	3.01
	10	9	26.86	2.59	26.26	2.68	25.51	2.76	25.09	2.81	24.76	2.85	23.86	2.93
	17	15	28.36	2.54	27.73	2.62	26.94	2.71	26.50	2.75	26.14	2.79	25.19	2.87
	20	19	28.40	2.46	27.76	2.54	26.97	2.62	26.53	2.67	26.17	2.70	25.22	2.78
	25	23	28.43	2.38	27.79	2.46	27.00	2.54	26.56	2.58	26.20	2.62	25.25	2.69
	30	28	28.47	2.28	27.83	2.36	27.04	2.43	26.60	2.47	26.24	2.51	25.29	2.58
	35	32	28.50	2.20	27.86	2.27	27.07	2.35	26.63	2.39	26.27	2.42	25.32	2.49
	40	36	28.53	2.12	27.90	2.19	27.10	2.26	26.66	2.30	26.30	2.33	25.35	2.40
	45	41	28.57	2.02	27.94	2.09	27.14	2.16	26.69	2.19	26.34	2.22	25.38	2.29
	47	43	28.59	1.98	27.95	2.05	27.15	2.11	26.71	2.15	26.36	2.18	25.40	2.24
	50	46	28.68	1.97	28.10	2.03	27.40	2.09	27.00	2.12	26.69	2.14	25.79	2.20
	55	51	28.82	1.95	28.34	2.00	27.81	2.04	27.49	2.07	27.24	2.09	26.43	2.13
	60	56	28.96	1.93	28.58	1.97	28.23	2.00	27.99	2.02	27.79	2.03	27.08	2.06
	63	59	29.04	1.92	28.72	1.95	28.47	1.98	28.28	1.99	28.12	1.99	27.47	2.02
	68	64	29.12	1.90	28.87	1.93	28.72	1.95	28.58	1.96	28.46	1.96	27.86	1.98

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

MULTI F WITH LGRED°
MULTI F MAX

Maximum Heating Capacity Tables

Table 13: KUMXA361A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	21.65	2.72	21.17	2.81	20.56	2.90	20.23	2.95	19.96	2.99	19.23	3.08
	-4	-4.4	24.12	2.78	23.59	2.87	22.91	2.96	22.54	3.02	22.24	3.06	21.43	3.15
	0	-0.4	25.46	2.80	24.89	2.89	24.18	2.98	23.79	3.04	23.47	3.08	22.62	3.17
	5	4.5	27.14	2.82	26.53	2.92	25.77	3.01	25.35	3.06	25.02	3.10	24.11	3.20
	10	9	28.33	2.75	27.69	2.84	26.90	2.93	26.46	2.98	26.11	3.02	25.16	3.11
	17	15	29.91	2.69	29.24	2.78	28.41	2.87	27.94	2.92	27.57	2.96	26.57	3.05
	20	19	29.95	2.61	29.28	2.69	28.44	2.78	27.98	2.83	27.61	2.87	26.60	2.95
	25	23	29.98	2.52	29.31	2.61	28.47	2.69	28.01	2.74	27.64	2.77	26.63	2.86
	30	28	30.02	2.42	29.35	2.50	28.52	2.58	28.05	2.62	27.68	2.66	26.67	2.74
	35	32	30.06	2.33	29.39	2.41	28.55	2.49	28.08	2.53	27.71	2.57	26.70	2.64
	40	36	30.09	2.25	29.42	2.32	28.58	2.40	28.11	2.44	27.74	2.47	26.73	2.55
	45	41	30.14	2.14	29.46	2.22	28.62	2.29	28.15	2.33	27.78	2.36	26.77	2.43
	47	43	30.15	2.10	29.48	2.17	28.64	2.24	28.17	2.28	27.80	2.31	26.78	2.38
	50	46	30.24	2.09	29.63	2.15	28.90	2.21	28.48	2.25	28.15	2.27	27.19	2.34
	55	51	30.39	2.07	29.89	2.12	29.33	2.17	29.00	2.19	28.73	2.21	27.88	2.26
	60	56	30.54	2.04	30.14	2.08	29.77	2.12	29.51	2.14	29.31	2.15	28.56	2.18
	63	59	30.63	2.03	30.29	2.06	30.03	2.10	29.83	2.11	29.66	2.11	28.97	2.14
22	68	64	30.72	2.02	30.45	2.04	30.29	2.07	30.14	2.07	30.01	2.08	29.39	2.10
	-13	-13.4	22.77	2.88	22.26	2.97	21.62	3.07	21.27	3.12	20.99	3.16	20.22	3.26
	-4	-4.4	25.37	2.94	24.80	3.04	24.09	3.13	23.70	3.19	23.38	3.23	22.53	3.33
	0	-0.4	26.77	2.96	26.18	3.06	25.43	3.15	25.01	3.21	24.68	3.25	23.78	3.35
	5	4.5	28.54	2.98	27.90	3.08	27.10	3.18	26.66	3.23	26.30	3.28	25.35	3.38
	10	9	29.79	2.90	29.12	3.00	28.29	3.09	27.83	3.15	27.46	3.19	26.46	3.29
	17	15	31.45	2.85	30.75	2.94	29.87	3.03	29.38	3.09	28.99	3.13	27.94	3.22
	20	19	31.49	2.76	30.79	2.85	29.91	2.94	29.42	2.99	29.03	3.03	27.97	3.12
	25	23	31.53	2.67	30.82	2.76	29.94	2.84	29.45	2.89	29.06	2.93	28.00	3.02
	30	28	31.57	2.56	30.86	2.64	29.98	2.72	29.49	2.77	29.10	2.81	28.04	2.89
	35	32	31.61	2.47	30.90	2.55	30.02	2.63	29.53	2.68	29.13	2.71	28.08	2.79
	40	36	31.64	2.38	30.94	2.46	30.05	2.54	29.56	2.58	29.17	2.61	28.11	2.69
	45	41	31.69	2.27	30.98	2.34	30.09	2.42	29.60	2.46	29.21	2.49	28.15	2.57
	47	43	31.71	2.22	31.00	2.30	30.11	2.37	29.62	2.41	29.23	2.44	28.16	2.52
	50	46	31.80	2.21	31.16	2.27	30.39	2.34	29.95	2.38	29.59	2.40	28.59	2.47
	55	51	31.95	2.18	31.42	2.24	30.84	2.29	30.49	2.32	30.21	2.34	29.31	2.39
	60	56	32.11	2.16	31.69	2.20	31.30	2.24	31.03	2.26	30.82	2.27	30.03	2.31
	63	59	32.20	2.15	31.85	2.18	31.58	2.21	31.36	2.23	31.19	2.24	30.46	2.26
23	68	64	32.30	2.13	32.01	2.16	31.85	2.19	31.69	2.19	31.56	2.20	30.90	2.22
	-13	-13.4	23.89	3.03	23.36	3.13	22.69	3.23	22.32	3.29	22.02	3.33	21.22	3.44
	-4	-4.4	26.62	3.10	26.02	3.20	25.28	3.30	24.86	3.36	24.53	3.40	23.64	3.51
	0	-0.4	28.09	3.12	27.47	3.22	26.68	3.32	26.25	3.38	25.90	3.43	24.96	3.53
	5	4.5	29.94	3.14	29.27	3.25	28.44	3.35	27.97	3.41	27.60	3.46	26.60	3.56
	10	9	31.25	3.06	30.56	3.16	29.68	3.26	29.20	3.32	28.81	3.36	27.76	3.46
	17	15	33.00	3.00	32.27	3.10	31.34	3.20	30.83	3.25	30.42	3.30	29.32	3.40
	20	19	33.04	2.90	32.30	3.00	31.38	3.10	30.87	3.15	30.46	3.19	29.35	3.29
	25	23	33.08	2.81	32.34	2.90	31.42	3.00	30.90	3.05	30.49	3.09	29.38	3.18
	30	28	33.13	2.69	32.39	2.78	31.46	2.87	30.95	2.92	30.54	2.96	29.43	3.05
	35	32	33.16	2.60	32.42	2.69	31.50	2.77	30.98	2.82	30.57	2.86	29.46	2.94
	40	36	33.20	2.51	32.46	2.59	31.53	2.67	31.02	2.72	30.61	2.75	29.49	2.84
	45	41	33.25	2.39	32.51	2.47	31.58	2.55	31.06	2.59	30.65	2.63	29.53	2.70
	47	43	33.27	2.34	32.53	2.42	31.60	2.50	31.08	2.54	30.67	2.57	29.55	2.65
	50	46	33.37	2.33	32.69	2.40	31.88	2.47	31.42	2.50	31.05	2.53	30.00	2.60
	55	51	33.53	2.30	32.97	2.36	32.36	2.42	31.99	2.44	31.70	2.47	30.76	2.52
	60	56	33.69	2.28	33.25	2.32	32.84	2.36	32.56	2.38	32.34	2.40	31.51	2.43
	63	59	33.79	2.26	33.42	2.30	33.13	2.33	32.91	2.35	32.72	2.36	31.96	2.38
	68	64	33.89	2.25	33.59	2.28	33.42	2.30	33.25	2.31	33.12	2.32	32.42	2.33

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 14: KUMXA361A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	25.00	3.19	24.45	3.29	23.75	3.40	23.36	3.46	23.05	3.51	22.21	3.61
	-4	-4.4	27.86	3.26	27.24	3.36	26.46	3.47	26.02	3.53	25.68	3.58	24.75	3.69
	0	-0.4	29.41	3.28	28.75	3.39	27.93	3.49	27.47	3.55	27.11	3.60	26.12	3.71
	5	4.5	31.34	3.30	30.64	3.41	29.76	3.52	29.28	3.58	28.89	3.63	27.84	3.74
	10	9	32.71	3.22	31.98	3.32	31.07	3.43	30.56	3.49	30.15	3.54	29.06	3.64
	17	15	34.54	3.15	33.77	3.26	32.81	3.36	32.27	3.42	31.84	3.46	30.68	3.57
	20	19	34.58	3.05	33.81	3.15	32.84	3.26	32.31	3.31	31.88	3.36	30.72	3.46
	25	23	34.62	2.95	33.85	3.05	32.88	3.15	32.34	3.20	31.91	3.25	30.75	3.35
	30	28	34.67	2.83	33.90	2.93	32.93	3.02	32.39	3.07	31.96	3.11	30.80	3.21
	35	32	34.71	2.73	33.94	2.82	32.97	2.91	32.43	2.96	32.00	3.00	30.83	3.09
	40	36	34.75	2.63	33.97	2.72	33.00	2.81	32.46	2.86	32.03	2.90	30.87	2.98
	45	41	34.80	2.51	34.02	2.59	33.05	2.68	32.51	2.72	32.08	2.76	30.91	2.84
	47	43	34.82	2.46	34.04	2.54	33.07	2.62	32.53	2.67	32.10	2.71	30.93	2.79
	50	46	34.92	2.45	34.22	2.52	33.37	2.59	32.89	2.63	32.50	2.66	31.40	2.73
	55	51	35.09	2.42	34.51	2.48	33.87	2.54	33.49	2.57	33.17	2.59	32.19	2.65
25	60	56	35.26	2.39	34.81	2.44	34.38	2.49	34.08	2.50	33.85	2.52	32.98	2.56
	63	59	35.37	2.38	34.98	2.42	34.68	2.45	34.44	2.47	34.25	2.48	33.46	2.51
	68	64	35.47	2.36	35.16	2.39	34.98	2.42	34.80	2.43	34.66	2.43	33.94	2.45
	-13	-13.4	26.13	3.34	25.54	3.46	24.81	3.57	24.41	3.63	24.08	3.68	23.21	3.79
	-4	-4.4	29.11	3.41	28.46	3.53	27.64	3.64	27.19	3.70	26.83	3.75	25.86	3.87
	0	-0.4	30.72	3.44	30.04	3.55	29.18	3.66	28.70	3.73	28.32	3.78	27.29	3.89
	5	4.5	32.75	3.47	32.01	3.58	31.10	3.69	30.59	3.76	30.18	3.81	29.09	3.92
	10	9	34.18	3.37	33.42	3.48	32.46	3.60	31.93	3.66	31.51	3.71	30.36	3.82
	17	15	36.09	3.31	35.29	3.41	34.28	3.52	33.72	3.58	33.27	3.63	32.06	3.74
	20	19	36.13	3.20	35.33	3.31	34.32	3.41	33.76	3.47	33.31	3.52	32.10	3.63
	25	23	36.18	3.10	35.37	3.20	34.36	3.30	33.80	3.36	33.35	3.41	32.13	3.51
	30	28	36.23	2.97	35.42	3.07	34.41	3.17	33.84	3.22	33.39	3.26	32.18	3.36
	35	32	36.27	2.87	35.46	2.96	34.45	3.06	33.88	3.11	33.43	3.15	32.22	3.25
	40	36	36.31	2.76	35.50	2.85	34.49	2.95	33.92	3.00	33.47	3.04	32.25	3.13
	45	41	36.36	2.63	35.55	2.72	34.53	2.81	33.97	2.86	33.52	2.89	32.30	2.98
	47	43	36.38	2.58	35.57	2.67	34.55	2.75	33.99	2.80	33.54	2.84	32.32	2.92
26	50	46	36.49	2.57	35.75	2.64	34.87	2.72	34.36	2.76	33.96	2.79	32.81	2.87
	55	51	36.67	2.54	36.06	2.60	35.39	2.66	34.99	2.69	34.66	2.72	33.64	2.78
	60	56	36.85	2.51	36.37	2.56	35.92	2.61	35.61	2.63	35.37	2.64	34.46	2.68
	63	59	36.95	2.50	36.55	2.54	36.24	2.57	35.99	2.59	35.79	2.60	34.96	2.63
	68	64	37.06	2.48	36.74	2.51	36.55	2.54	36.37	2.55	36.22	2.55	35.46	2.57
	-13	-13.4	27.24	3.51	26.63	3.63	25.87	3.74	25.45	3.81	25.11	3.86	24.20	3.98
	-4	-4.4	30.35	3.59	29.67	3.70	28.82	3.82	28.35	3.89	27.98	3.94	26.96	4.06
	0	-0.4	32.04	3.61	31.32	3.73	30.42	3.85	29.93	3.91	29.53	3.97	28.46	4.09
	5	4.5	34.14	3.64	33.38	3.76	32.43	3.88	31.90	3.95	31.47	4.00	30.33	4.12
	10	9	35.64	3.54	34.84	3.66	33.85	3.78	33.29	3.84	32.85	3.89	31.66	4.01
	17	15	37.63	3.47	36.79	3.59	35.74	3.70	35.16	3.76	34.69	3.82	33.43	3.93
	20	19	37.68	3.36	36.83	3.47	35.78	3.58	35.20	3.65	34.73	3.70	33.47	3.81
	25	23	37.72	3.25	36.88	3.36	35.82	3.47	35.24	3.53	34.77	3.58	33.50	3.68
	30	28	37.77	3.12	36.93	3.22	35.87	3.32	35.29	3.38	34.82	3.43	33.55	3.53
	35	32	37.82	3.01	36.97	3.11	35.92	3.21	35.33	3.26	34.86	3.31	33.59	3.41
	40	36	37.86	2.90	37.01	3.00	35.96	3.09	35.37	3.15	34.90	3.19	33.63	3.28
	45	41	37.91	2.77	37.07	2.86	36.01	2.95	35.42	3.00	34.95	3.04	33.68	3.13
	47	43	37.94	2.71	37.09	2.80	36.03	2.89	35.44	2.94	34.97	2.98	33.70	3.07
	50	46	38.05	2.69	37.28	2.77	36.36	2.85	35.83	2.90	35.41	2.93	34.21	3.01
	55	51	38.23	2.67	37.60	2.73	36.90	2.80	36.48	2.83	36.14	2.85	35.07	2.91
	60	56	38.42	2.64	37.92	2.69	37.45	2.74	37.13	2.76	36.88	2.77	35.93	2.82
	63	59	38.53	2.62	38.11	2.66	37.78	2.70	37.52	2.72	37.32	2.73	36.45	2.76
	68	64	38.64	2.60	38.30	2.64	38.11	2.67	37.92	2.67	37.76	2.68	36.97	2.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F ^{WITH LGRED°}
MULTI F MAX

Table 15: KUMXA361A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	28.36	3.67	27.73	3.79	26.94	3.91	26.50	3.98	26.14	4.03	25.19	4.15
	-4	-4.4	31.60	3.74	30.89	3.87	30.01	3.99	29.52	4.06	29.13	4.11	28.07	4.24
	0	-0.4	33.36	3.77	32.61	3.89	31.68	4.02	31.16	4.09	30.75	4.14	29.63	4.27
	5	4.5	35.55	3.80	34.75	3.93	33.76	4.05	33.21	4.12	32.77	4.18	31.58	4.30
	10	9	37.11	3.70	36.28	3.82	35.24	3.94	34.66	4.01	34.20	4.06	32.96	4.19
	17	15	39.18	3.62	38.31	3.74	37.21	3.86	36.60	3.93	36.12	3.98	34.80	4.10
	20	19	39.23	3.51	38.35	3.63	37.26	3.74	36.65	3.81	36.16	3.86	34.85	3.98
	25	23	39.27	3.40	38.40	3.51	37.30	3.62	36.69	3.68	36.20	3.73	34.89	3.85
	30	28	39.33	3.26	38.45	3.36	37.35	3.47	36.74	3.53	36.25	3.58	34.94	3.69
	35	32	39.37	3.14	38.49	3.25	37.40	3.35	36.78	3.41	36.30	3.45	34.98	3.56
	40	36	39.42	3.03	38.54	3.13	37.44	3.23	36.83	3.29	36.34	3.33	35.02	3.43
	45	41	39.48	2.89	38.59	2.98	37.49	3.08	36.88	3.13	36.39	3.17	35.07	3.27
	47	43	39.50	2.83	38.62	2.92	37.51	3.02	36.90	3.07	36.41	3.11	35.09	3.21
	50	46	39.61	2.81	38.82	2.90	37.86	2.98	37.31	3.03	36.87	3.06	35.62	3.14
	55	51	39.81	2.78	39.15	2.85	38.43	2.92	37.98	2.95	37.63	2.98	36.52	3.04
28	60	56	40.00	2.75	39.48	2.81	39.00	2.86	38.66	2.88	38.39	2.90	37.41	2.94
	63	59	40.12	2.74	39.68	2.78	39.34	2.82	39.07	2.84	38.85	2.85	37.95	2.88
	68	64	40.23	2.72	39.88	2.75	39.68	2.79	39.48	2.79	39.32	2.80	38.49	2.82
	-13	-13.4	29.49	3.83	28.83	3.96	28.00	4.09	27.55	4.16	27.18	4.21	26.19	4.34
	-4	-4.4	32.85	3.91	32.12	4.04	31.20	4.17	30.69	4.24	30.28	4.30	29.18	4.43
	0	-0.4	34.68	3.94	33.90	4.07	32.93	4.20	32.39	4.27	31.96	4.33	30.80	4.46
	5	4.5	36.96	3.97	36.13	4.10	35.10	4.24	34.52	4.31	34.07	4.37	32.83	4.50
	10	9	38.57	3.87	37.71	3.99	36.64	4.12	36.04	4.19	35.56	4.25	34.26	4.38
	17	15	40.73	3.79	39.82	3.91	38.69	4.04	38.05	4.11	37.55	4.17	36.18	4.29
	20	19	40.78	3.67	39.87	3.79	38.73	3.91	38.10	3.98	37.59	4.04	36.22	4.16
	25	23	40.83	3.55	39.91	3.67	38.77	3.79	38.14	3.85	37.63	3.90	36.27	4.02
	30	28	40.89	3.40	39.97	3.52	38.83	3.63	38.20	3.69	37.69	3.74	36.32	3.85
	35	32	40.93	3.29	40.02	3.39	38.87	3.50	38.24	3.56	37.73	3.61	36.36	3.72
	40	36	40.98	3.17	40.06	3.27	38.92	3.38	38.28	3.43	37.77	3.48	36.40	3.59
	45	41	41.04	3.02	40.12	3.12	38.97	3.22	38.34	3.27	37.83	3.32	36.45	3.42
	47	43	41.06	2.96	40.14	3.06	39.00	3.16	38.36	3.21	37.85	3.25	36.47	3.35
29	50	46	41.18	2.94	40.35	3.03	39.35	3.12	38.78	3.16	38.33	3.20	37.03	3.29
	55	51	41.38	2.91	40.70	2.98	39.95	3.05	39.49	3.09	39.12	3.12	37.96	3.18
	60	56	41.58	2.88	41.04	2.93	40.54	2.99	40.19	3.01	39.91	3.03	38.89	3.08
	63	59	41.71	2.86	41.25	2.91	40.89	2.95	40.61	2.97	40.39	2.98	39.45	3.01
	68	64	41.83	2.84	41.46	2.88	41.25	2.91	41.04	2.92	40.87	2.93	40.02	2.95
	-13	-13.4	30.60	4.00	29.92	4.13	29.06	4.27	28.59	4.34	28.21	4.40	27.18	4.53
	-4	-4.4	34.09	4.09	33.33	4.22	32.38	4.36	31.85	4.43	31.43	4.49	30.28	4.63
	0	-0.4	35.99	4.11	35.18	4.25	34.18	4.38	33.62	4.46	33.17	4.52	31.96	4.66
	5	4.5	38.35	4.15	37.50	4.28	36.42	4.42	35.83	4.50	35.35	4.56	34.07	4.69
	10	9	40.03	4.04	39.14	4.17	38.02	4.30	37.40	4.38	36.90	4.44	35.56	4.57
	17	15	42.27	3.95	41.33	4.09	40.15	4.22	39.49	4.29	38.97	4.35	37.55	4.48
	20	19	42.32	3.83	41.38	3.96	40.19	4.08	39.54	4.15	39.01	4.21	37.59	4.34
	25	23	42.37	3.71	41.42	3.83	40.24	3.95	39.58	4.02	39.06	4.08	37.64	4.20
	30	28	42.43	3.55	41.48	3.67	40.30	3.79	39.64	3.85	39.11	3.91	37.69	4.02
	35	32	42.48	3.43	41.53	3.54	40.34	3.66	39.68	3.72	39.16	3.77	37.73	3.88
	40	36	42.53	3.31	41.58	3.41	40.39	3.52	39.73	3.58	39.20	3.63	37.78	3.74
	45	41	42.59	3.15	41.64	3.26	40.45	3.36	39.79	3.42	39.26	3.46	37.83	3.57
	47	43	42.61	3.09	41.66	3.19	40.47	3.29	39.81	3.35	39.28	3.40	37.85	3.50
	50	46	42.74	3.07	41.88	3.16	40.84	3.25	40.25	3.30	39.78	3.34	38.43	3.43
	55	51	42.95	3.04	42.24	3.11	41.46	3.19	40.98	3.22	40.60	3.25	39.40	3.32
	60	56	43.16	3.00	42.59	3.06	42.07	3.12	41.71	3.14	41.42	3.16	40.36	3.21
	63	59	43.28	2.99	42.81	3.03	42.44	3.08	42.15	3.09	41.92	3.11	40.94	3.14
	68	64	43.41	2.97	43.03	3.00	42.81	3.04	42.59	3.05	42.42	3.05	41.53	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 16: KUMXA361A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	31.72	4.17	31.01	4.31	30.13	4.44	29.63	4.52	29.24	4.58	28.18	4.72
	-4	-4.4	35.34	4.26	34.55	4.40	33.57	4.54	33.02	4.62	32.58	4.68	31.39	4.82
	0	-0.4	37.31	4.28	36.47	4.43	35.43	4.57	34.85	4.65	34.39	4.71	33.14	4.85
	5	4.5	39.76	4.32	38.87	4.46	37.76	4.61	37.14	4.68	36.65	4.75	35.32	4.89
	10	9	41.50	4.20	40.57	4.34	39.41	4.48	38.77	4.56	38.25	4.62	36.86	4.76
	17	15	43.82	4.12	42.84	4.26	41.62	4.39	40.94	4.47	40.40	4.53	38.93	4.67
	20	19	43.87	3.99	42.89	4.12	41.67	4.26	40.99	4.33	40.44	4.39	38.97	4.52
	25	23	43.92	3.86	42.94	3.99	41.72	4.12	41.03	4.19	40.49	4.25	39.02	4.37
	30	28	43.99	3.70	43.00	3.82	41.78	3.95	41.09	4.01	40.55	4.07	39.07	4.19
	35	32	44.04	3.57	43.05	3.69	41.82	3.81	41.14	3.87	40.59	3.93	39.12	4.04
	40	36	44.09	3.44	43.10	3.56	41.87	3.67	41.19	3.73	40.64	3.79	39.16	3.90
	45	41	44.15	3.28	43.16	3.39	41.93	3.50	41.25	3.56	40.70	3.61	39.22	3.72
	47	43	44.18	3.22	43.19	3.32	41.96	3.43	41.27	3.49	40.72	3.54	39.24	3.64
	50	46	44.31	3.20	43.41	3.29	42.34	3.39	41.72	3.44	41.23	3.48	39.84	3.57
	55	51	44.52	3.16	43.78	3.24	42.98	3.32	42.48	3.36	42.09	3.39	40.84	3.46
	60	56	44.74	3.13	44.16	3.19	43.61	3.25	43.24	3.27	42.94	3.29	41.84	3.34
31	63	59	44.87	3.11	44.38	3.16	44.00	3.21	43.70	3.22	43.45	3.24	42.44	3.28
	68	64	45.00	3.09	44.60	3.13	44.38	3.17	44.15	3.17	43.97	3.18	43.05	3.21
	-13	-13.4	32.84	4.34	32.10	4.48	31.19	4.62	30.68	4.70	30.27	4.77	29.17	4.91
	-4	-4.4	36.58	4.43	35.77	4.57	34.74	4.72	34.18	4.80	33.72	4.87	32.50	5.01
	0	-0.4	38.62	4.46	37.75	4.60	36.67	4.75	36.08	4.83	35.60	4.90	34.30	5.05
	5	4.5	41.16	4.49	40.24	4.64	39.09	4.79	38.45	4.87	37.94	4.94	36.56	5.09
	10	9	42.96	4.37	42.00	4.52	40.80	4.66	40.13	4.74	39.60	4.81	38.16	4.95
	17	15	45.36	4.29	44.35	4.43	43.08	4.57	42.38	4.65	41.82	4.71	40.29	4.85
	20	19	45.42	4.15	44.40	4.29	43.13	4.43	42.43	4.50	41.86	4.56	40.34	4.70
	25	23	45.47	4.02	44.45	4.15	43.18	4.28	42.48	4.36	41.91	4.42	40.39	4.55
	30	28	45.53	3.85	44.52	3.98	43.24	4.10	42.54	4.18	41.97	4.23	40.45	4.36
	35	32	45.59	3.72	44.57	3.84	43.29	3.96	42.59	4.03	42.02	4.08	40.49	4.21
	40	36	45.64	3.58	44.62	3.70	43.34	3.82	42.63	3.88	42.07	3.94	40.54	4.06
	45	41	45.70	3.41	44.68	3.53	43.40	3.64	42.70	3.70	42.13	3.75	40.60	3.87
	47	43	45.73	3.35	44.71	3.46	43.43	3.57	42.72	3.63	42.15	3.68	40.62	3.79
	50	46	45.86	3.33	44.94	3.43	43.83	3.52	43.19	3.58	42.68	3.62	41.24	3.72
	55	51	46.09	3.29	45.32	3.37	44.49	3.45	43.98	3.49	43.57	3.52	42.28	3.60
32	60	56	46.31	3.26	45.71	3.32	45.15	3.38	44.76	3.40	44.45	3.43	43.31	3.48
	63	59	46.45	3.23	45.94	3.29	45.54	3.34	45.23	3.35	44.98	3.37	43.94	3.41
	68	64	46.58	3.21	46.17	3.25	45.94	3.29	45.71	3.30	45.52	3.31	44.57	3.34
	-13	-13.4	33.96	4.50	33.20	4.65	32.25	4.80	31.72	4.88	31.30	4.95	30.16	5.10
	-4	-4.4	37.83	4.60	36.99	4.75	35.93	4.90	35.35	4.99	34.88	5.05	33.61	5.21
	0	-0.4	39.94	4.63	39.04	4.78	37.93	4.93	37.31	5.02	36.81	5.09	35.47	5.24
	5	4.5	42.56	4.67	41.61	4.82	40.42	4.97	39.76	5.06	39.23	5.13	37.81	5.28
	10	9	44.43	4.54	43.43	4.69	42.19	4.84	41.50	4.92	40.95	4.99	39.46	5.14
	17	15	46.91	4.45	45.87	4.60	44.55	4.75	43.83	4.83	43.24	4.89	41.67	5.04
	20	19	46.97	4.31	45.92	4.45	44.61	4.60	43.88	4.68	43.29	4.74	41.72	4.88
	25	23	47.02	4.17	45.97	4.31	44.66	4.45	43.93	4.52	43.34	4.59	41.77	4.72
	30	28	47.09	4.00	46.04	4.13	44.72	4.26	43.99	4.34	43.41	4.39	41.83	4.53
	35	32	47.14	3.86	46.09	3.99	44.77	4.11	44.04	4.19	43.46	4.24	41.88	4.37
	40	36	47.20	3.72	46.14	3.84	44.82	3.97	44.09	4.03	43.51	4.09	41.92	4.21
	45	41	47.26	3.55	46.21	3.66	44.89	3.78	44.15	3.85	43.57	3.90	41.98	4.01
	47	43	47.29	3.48	46.23	3.59	44.91	3.71	44.18	3.77	43.59	3.82	42.01	3.94
	50	46	47.43	3.45	46.47	3.56	45.32	3.66	44.67	3.72	44.14	3.76	42.65	3.86
	55	51	47.66	3.42	46.87	3.50	46.01	3.59	45.48	3.63	45.06	3.66	43.72	3.74
	60	56	47.89	3.38	47.27	3.45	46.69	3.51	46.29	3.54	45.97	3.56	44.79	3.61
	63	59	48.03	3.36	47.51	3.41	47.10	3.46	46.78	3.48	46.52	3.50	45.44	3.54
	68	64	48.17	3.34	47.75	3.38	47.51	3.42	47.27	3.43	47.07	3.44	46.09	3.47

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 17: KUMXA361A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	35.07	4.68	34.29	4.84	33.31	4.99	32.77	5.08	32.33	5.15	31.15	5.30
	-4	-4.4	39.08	4.78	38.20	4.94	37.11	5.10	36.51	5.18	36.02	5.25	34.71	5.41
	0	-0.4	41.25	4.81	40.32	4.97	39.17	5.13	38.53	5.22	38.02	5.29	36.64	5.45
	5	4.5	43.96	4.85	42.98	5.01	41.75	5.17	41.07	5.26	40.52	5.33	39.05	5.49
	10	9	45.89	4.72	44.86	4.88	43.58	5.03	42.87	5.12	42.30	5.19	40.76	5.35
	17	15	48.45	4.63	47.37	4.78	46.02	4.93	45.26	5.02	44.66	5.09	43.04	5.24
	20	19	48.51	4.48	47.42	4.63	46.07	4.78	45.32	4.86	44.71	4.93	43.09	5.08
	25	23	48.56	4.34	47.48	4.48	46.12	4.63	45.37	4.70	44.77	4.77	43.14	4.91
	30	28	48.63	4.16	47.55	4.29	46.19	4.43	45.43	4.51	44.83	4.57	43.20	4.71
	35	32	48.69	4.01	47.60	4.15	46.24	4.28	45.49	4.35	44.88	4.41	43.25	4.54
	40	36	48.75	3.87	47.66	4.00	46.30	4.12	45.54	4.19	44.93	4.25	43.30	4.38
	45	41	48.82	3.69	47.73	3.81	46.36	3.93	45.60	4.00	45.00	4.05	43.36	4.17
	47	43	48.84	3.61	47.75	3.73	46.39	3.85	45.63	3.92	45.02	3.97	43.39	4.09
	50	46	48.99	3.59	48.00	3.70	46.81	3.81	46.13	3.86	45.59	3.91	44.05	4.02
	55	51	49.23	3.55	48.41	3.64	47.52	3.73	46.97	3.77	46.53	3.80	45.16	3.89
	60	56	49.47	3.52	48.82	3.58	48.22	3.65	47.81	3.68	47.48	3.70	46.26	3.76
	63	59	49.61	3.49	49.07	3.55	48.64	3.60	48.31	3.62	48.04	3.64	46.93	3.68
	68	64	49.75	3.47	49.32	3.51	49.07	3.56	48.82	3.57	48.62	3.57	47.60	3.60
34	-13	-13.4	36.20	4.85	35.39	5.01	34.38	5.17	33.81	5.26	33.36	5.33	32.15	5.49
	-4	-4.4	40.33	4.95	39.43	5.11	38.30	5.28	37.67	5.37	37.17	5.44	35.82	5.61
	0	-0.4	42.57	4.98	41.62	5.15	40.43	5.31	39.77	5.40	39.24	5.48	37.81	5.64
	5	4.5	45.37	5.03	44.35	5.19	43.09	5.36	42.38	5.45	41.82	5.52	40.30	5.69
	10	9	47.35	4.89	46.30	5.05	44.97	5.21	44.24	5.30	43.65	5.38	42.06	5.54
	17	15	50.00	4.79	48.89	4.95	47.49	5.11	46.71	5.20	46.09	5.27	44.42	5.43
	20	19	50.06	4.64	48.94	4.80	47.54	4.95	46.77	5.04	46.15	5.10	44.47	5.26
	25	23	50.12	4.49	49.00	4.64	47.60	4.79	46.82	4.87	46.20	4.94	44.52	5.09
	30	28	50.19	4.31	49.07	4.45	47.67	4.59	46.89	4.67	46.27	4.73	44.58	4.88
	35	32	50.25	4.16	49.13	4.29	47.72	4.43	46.94	4.51	46.32	4.57	44.63	4.71
	40	36	50.31	4.01	49.18	4.14	47.78	4.27	47.00	4.34	46.37	4.40	44.69	4.54
	45	41	50.38	3.82	49.25	3.94	47.84	4.07	47.06	4.14	46.44	4.20	44.75	4.32
	47	43	50.41	3.74	49.28	3.87	47.87	3.99	47.09	4.06	46.46	4.12	44.77	4.24
	50	46	50.55	3.72	49.53	3.83	48.31	3.94	47.61	4.00	47.05	4.05	45.46	4.16
	55	51	50.80	3.68	49.96	3.77	49.04	3.86	48.47	3.91	48.02	3.94	46.60	4.02
	60	56	51.05	3.64	50.38	3.71	49.76	3.78	49.34	3.81	49.00	3.83	47.74	3.89
	63	59	51.20	3.62	50.64	3.68	50.20	3.73	49.86	3.75	49.58	3.77	48.43	3.81
	68	64	51.34	3.59	50.89	3.64	50.64	3.68	50.38	3.69	50.17	3.70	49.13	3.73
35	-13	-13.4	37.31	5.03	36.48	5.19	35.43	5.36	34.86	5.45	34.39	5.53	33.14	5.69
	-4	-4.4	41.57	5.13	40.64	5.30	39.48	5.47	38.83	5.57	38.32	5.64	36.92	5.81
	0	-0.4	43.88	5.17	42.90	5.34	41.67	5.51	40.99	5.60	40.45	5.68	38.97	5.85
	5	4.5	46.76	5.21	45.72	5.38	44.41	5.56	43.69	5.65	43.11	5.73	41.54	5.90
	10	9	48.81	5.07	47.72	5.24	46.36	5.41	45.60	5.50	44.99	5.57	43.36	5.74
	17	15	51.54	4.97	50.39	5.13	48.95	5.30	48.15	5.39	47.51	5.46	45.78	5.63
	20	19	51.60	4.81	50.45	4.97	49.01	5.13	48.21	5.22	47.57	5.29	45.84	5.45
	25	23	51.66	4.66	50.51	4.81	49.06	4.97	48.26	5.05	47.62	5.12	45.89	5.28
	30	28	51.74	4.46	50.58	4.61	49.13	4.76	48.33	4.84	47.69	4.91	45.96	5.06
	35	32	51.80	4.31	50.64	4.45	49.19	4.59	48.39	4.67	47.74	4.74	46.01	4.88
	40	36	51.85	4.15	50.70	4.29	49.25	4.43	48.44	4.51	47.80	4.57	46.06	4.70
	45	41	51.93	3.96	50.77	4.09	49.32	4.22	48.51	4.29	47.87	4.35	46.13	4.48
	47	43	51.96	3.88	50.80	4.01	49.35	4.14	48.54	4.21	47.89	4.27	46.15	4.40
	50	46	52.11	3.86	51.06	3.97	49.80	4.09	49.07	4.15	48.50	4.20	46.86	4.31
	55	51	52.37	3.82	51.50	3.91	50.55	4.00	49.97	4.05	49.50	4.09	48.04	4.17
	60	56	52.62	3.78	51.93	3.85	51.30	3.92	50.86	3.95	50.51	3.97	49.21	4.03
	63	59	52.77	3.75	52.20	3.81	51.75	3.87	51.39	3.89	51.11	3.90	49.92	3.95
	68	64	52.93	3.73	52.46	3.77	52.20	3.82	51.93	3.83	51.72	3.84	50.64	3.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 18: KUMXA361A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88
	45	41	53.49	4.11	52.30	4.25	50.80	4.38	49.97	4.46	49.31	4.52	47.51	4.65
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
37	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02
	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88
	45	41	53.49	4.11	52.30	4.25	50.80	4.38	49.97	4.46	49.31	4.52	47.51	4.65
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
38	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02
	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

MULTI F WITH LGRED[®]
MULTI F MAX

Maximum Heating Capacity Tables

Table 19: KUMXA361A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88
	45	41	53.49	4.11	52.30	4.25	50.80	4.38	49.97	4.46	49.31	4.52	47.51	4.65
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02
40	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88
	45	41	53.49	4.11	52.30	4.25	50.80	4.38	49.97	4.46	49.31	4.52	47.51	4.65
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02
41	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88
	45	41	53.49	4.11	52.30	4.25	50.80	4.38	49.97	4.46	49.31	4.52	47.51	4.65
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 20: KUMXA361A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88
	45	41	53.49	4.11	52.30	4.25	50.80	4.38	49.97	4.46	49.31	4.52	47.51	4.65
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
43	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02
	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88
	45	41	53.49	4.11	52.30	4.25	50.80	4.38	49.97	4.46	49.31	4.52	47.51	4.65
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
44	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02
	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

MULTI F ^{WITH LGRED°}
MULTI F MAX

Maximum Heating Capacity Tables

Table 21: KUMXA361A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88
	45	41	53.49	4.11	52.30	4.25	50.80	4.38	49.97	4.46	49.31	4.52	47.51	4.65
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02
46	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88
	45	41	53.49	4.11	52.30	4.25	50.80	4.38	49.97	4.46	49.31	4.52	47.51	4.65
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02
47	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88
	45	41	53.49	4.11	52.30	4.25	50.80	4.38	49.97	4.46	49.31	4.52	47.51	4.65
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 22: KUMXA361A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	38.43	5.22	37.57	5.39	36.50	5.56	35.90	5.66	35.43	5.74	34.14	5.91
	-4	-4.4	42.82	5.33	41.86	5.50	40.67	5.68	40.00	5.78	39.47	5.86	38.03	6.03
	0	-0.4	45.20	5.36	44.19	5.54	42.92	5.72	42.22	5.82	41.66	5.90	40.15	6.07
	5	4.5	48.17	5.41	47.09	5.59	45.75	5.77	45.00	5.87	44.40	5.95	42.79	6.12
	10	9	50.28	5.26	49.16	5.44	47.75	5.61	46.97	5.71	46.35	5.79	44.66	5.96
	17	15	53.09	5.16	51.91	5.33	50.42	5.50	49.60	5.59	48.94	5.67	47.16	5.84
	20	19	53.15	5.00	51.97	5.16	50.48	5.33	49.66	5.42	49.00	5.49	47.22	5.66
	25	23	53.22	4.84	52.03	5.00	50.54	5.16	49.71	5.24	49.05	5.32	47.27	5.48
	30	28	53.29	4.63	52.10	4.79	50.61	4.94	49.79	5.03	49.12	5.09	47.34	5.25
	35	32	53.35	4.47	52.16	4.62	50.67	4.77	49.84	4.85	49.18	4.92	47.39	5.06
	40	36	53.41	4.31	52.22	4.45	50.73	4.60	49.90	4.68	49.24	4.74	47.45	4.88
	45	41	53.49	4.11	52.30	4.25	50.80	4.38	49.97	4.46	49.31	4.52	47.51	4.65
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F ^{WITH LGRED°}
MULTI F MAX

Table 23: KUMXA361A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	18.29	2.23	17.88	2.30	17.37	2.37	17.09	2.41	16.86	2.44	16.25	2.52
	-4	-4.4	20.38	2.28	19.93	2.35	19.36	2.42	19.04	2.46	18.79	2.50	18.10	2.57
	0	-0.4	21.51	2.29	21.03	2.36	20.43	2.44	20.10	2.48	19.83	2.51	19.11	2.59
	5	4.5	22.93	2.30	22.42	2.38	21.78	2.46	21.42	2.50	21.14	2.53	20.37	2.61
	10	9	23.93	2.24	23.40	2.31	22.73	2.39	22.36	2.43	22.06	2.46	21.26	2.54
	17	15	25.27	2.19	24.71	2.27	24.00	2.34	23.61	2.38	23.30	2.41	22.45	2.48
	20	19	25.30	2.12	24.74	2.19	24.03	2.27	23.64	2.31	23.32	2.34	22.47	2.41
	25	23	25.33	2.06	24.76	2.12	24.06	2.19	23.66	2.23	23.35	2.26	22.50	2.33
	30	28	25.37	1.97	24.80	2.04	24.09	2.10	23.70	2.14	23.38	2.16	22.53	2.23
	35	32	25.40	1.90	24.83	1.97	24.12	2.03	23.73	2.06	23.41	2.09	22.56	2.15
	40	36	25.43	1.83	24.86	1.90	24.15	1.95	23.75	1.99	23.44	2.01	22.58	2.07
	45	41	25.46	1.75	24.89	1.81	24.18	1.87	23.79	1.90	23.47	1.92	22.62	1.98
	47	43	25.48	1.71	24.91	1.77	24.20	1.83	23.80	1.86	23.48	1.88	22.63	1.94
	50	46	25.55	1.70	25.04	1.75	24.42	1.81	24.06	1.83	23.78	1.86	22.98	1.90
	55	51	25.68	1.68	25.25	1.73	24.78	1.77	24.50	1.79	24.27	1.80	23.55	1.84
	60	56	25.80	1.66	25.46	1.70	25.15	1.73	24.94	1.74	24.76	1.75	24.13	1.78
	63	59	25.88	1.65	25.59	1.68	25.37	1.71	25.20	1.72	25.06	1.72	24.48	1.74
	68	64	25.95	1.64	25.72	1.66	25.59	1.68	25.46	1.69	25.36	1.69	24.83	1.71
19	-13	-13.4	19.42	2.38	18.98	2.45	18.44	2.53	18.14	2.58	17.90	2.61	17.25	2.69
	-4	-4.4	21.63	2.43	21.15	2.50	20.54	2.59	20.21	2.63	19.94	2.67	19.22	2.75
	0	-0.4	22.83	2.44	22.32	2.52	21.69	2.60	21.33	2.65	21.05	2.68	20.28	2.76
	5	4.5	24.34	2.46	23.79	2.54	23.11	2.62	22.73	2.67	22.43	2.70	21.62	2.78
	10	9	25.40	2.39	24.83	2.47	24.12	2.55	23.73	2.59	23.41	2.63	22.56	2.70
	17	15	26.82	2.34	26.22	2.42	25.47	2.50	25.06	2.54	24.72	2.57	23.83	2.65
	20	19	26.85	2.27	26.25	2.35	25.50	2.42	25.09	2.46	24.75	2.49	23.85	2.57
	25	23	26.88	2.20	26.28	2.27	25.53	2.34	25.12	2.38	24.78	2.41	23.88	2.48
	30	28	26.92	2.10	26.32	2.17	25.57	2.24	25.15	2.28	24.82	2.31	23.92	2.38
	35	32	26.95	2.03	26.35	2.10	25.60	2.16	25.18	2.20	24.85	2.23	23.94	2.30
	40	36	26.99	1.96	26.38	2.02	25.63	2.08	25.21	2.12	24.87	2.15	23.97	2.22
	45	41	27.02	1.86	26.42	1.93	25.66	1.99	25.25	2.02	24.91	2.05	24.00	2.11
	47	43	27.04	1.83	26.43	1.89	25.68	1.95	25.26	1.98	24.92	2.01	24.02	2.07
	50	46	27.12	1.82	26.57	1.87	25.91	1.92	25.54	1.95	25.24	1.97	24.39	2.03
	55	51	27.25	1.80	26.80	1.84	26.30	1.89	26.00	1.91	25.76	1.92	25.00	1.96
	60	56	27.38	1.78	27.03	1.81	26.69	1.85	26.47	1.86	26.28	1.87	25.61	1.90
	63	59	27.46	1.77	27.16	1.80	26.93	1.82	26.74	1.83	26.60	1.84	25.98	1.86
	68	64	27.54	1.76	27.30	1.78	27.16	1.80	27.03	1.80	26.91	1.81	26.35	1.82
20	-13	-13.4	20.53	2.53	20.07	2.61	19.50	2.69	19.18	2.74	18.92	2.78	18.24	2.86
	-4	-4.4	22.87	2.58	22.36	2.67	21.72	2.75	21.37	2.80	21.08	2.83	20.32	2.92
	0	-0.4	24.14	2.60	23.60	2.68	22.93	2.76	22.56	2.81	22.26	2.85	21.45	2.94
	5	4.5	25.73	2.61	25.16	2.70	24.44	2.79	24.04	2.84	23.72	2.87	22.86	2.96
	10	9	26.86	2.54	26.26	2.63	25.51	2.71	25.09	2.76	24.76	2.80	23.86	2.88
	17	15	28.36	2.49	27.73	2.57	26.94	2.66	26.50	2.70	26.14	2.74	25.19	2.82
	20	19	28.40	2.41	27.76	2.49	26.97	2.57	26.53	2.62	26.17	2.65	25.22	2.73
	25	23	28.43	2.33	27.79	2.41	27.00	2.49	26.56	2.53	26.20	2.57	25.25	2.64
	30	28	28.47	2.24	27.83	2.31	27.04	2.38	26.60	2.42	26.24	2.46	25.29	2.53
	35	32	28.50	2.16	27.86	2.23	27.07	2.30	26.63	2.34	26.27	2.37	25.32	2.44
	40	36	28.53	2.08	27.90	2.15	27.10	2.22	26.66	2.26	26.30	2.29	25.35	2.35
	45	41	28.57	1.98	27.94	2.05	27.14	2.12	26.69	2.15	26.34	2.18	25.38	2.24
	47	43	28.59	1.94	27.95	2.01	27.15	2.07	26.71	2.11	26.36	2.14	25.40	2.20
	50	46	28.68	1.93	28.10	1.99	27.40	2.05	27.00	2.08	26.69	2.10	25.79	2.16
	55	51	28.82	1.91	28.34	1.96	27.81	2.00	27.49	2.03	27.24	2.05	26.43	2.09
	60	56	28.96	1.89	28.58	1.93	28.23	1.96	27.99	1.98	27.79	1.99	27.08	2.02
	63	59	29.04	1.88	28.72	1.91	28.47	1.94	28.28	1.95	28.12	1.95	27.47	1.98
	68	64	29.12	1.86	28.87	1.89	28.72	1.91	28.58	1.92	28.46	1.92	27.86	1.94

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 24: KUMXA361A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	21.65	2.68	21.17	2.77	20.56	2.86	20.23	2.91	19.96	2.95	19.23	3.03
	-4	-4.4	24.12	2.74	23.59	2.83	22.91	2.92	22.54	2.97	22.24	3.01	21.43	3.10
	0	-0.4	25.46	2.76	24.89	2.85	24.18	2.93	23.79	2.99	23.47	3.03	22.62	3.12
	5	4.5	27.14	2.77	26.53	2.87	25.77	2.96	25.35	3.01	25.02	3.05	24.11	3.14
	10	9	28.33	2.70	27.69	2.79	26.90	2.88	26.46	2.93	26.11	2.97	25.16	3.06
	17	15	29.91	2.64	29.24	2.73	28.41	2.82	27.94	2.87	27.57	2.91	26.57	2.99
	20	19	29.95	2.56	29.28	2.64	28.44	2.73	27.98	2.78	27.61	2.82	26.60	2.90
	25	23	29.98	2.48	29.31	2.56	28.47	2.64	28.01	2.69	27.64	2.72	26.63	2.81
	30	28	30.02	2.37	29.35	2.45	28.52	2.53	28.05	2.57	27.68	2.61	26.67	2.69
	35	32	30.06	2.29	29.39	2.37	28.55	2.44	28.08	2.48	27.71	2.52	26.70	2.59
	40	36	30.09	2.21	29.42	2.28	28.58	2.35	28.11	2.39	27.74	2.43	26.73	2.50
	45	41	30.14	2.10	29.46	2.18	28.62	2.25	28.15	2.28	27.78	2.31	26.77	2.38
	47	43	30.15	2.06	29.48	2.13	28.64	2.20	28.17	2.24	27.80	2.27	26.78	2.34
	50	46	30.24	2.05	29.63	2.11	28.90	2.17	28.48	2.21	28.15	2.23	27.19	2.29
	55	51	30.39	2.03	29.89	2.08	29.33	2.13	29.00	2.15	28.73	2.17	27.88	2.22
	60	56	30.54	2.00	30.14	2.04	29.77	2.08	29.51	2.10	29.31	2.11	28.56	2.14
22	63	59	30.63	1.99	30.29	2.02	30.03	2.06	29.83	2.07	29.66	2.07	28.97	2.10
	68	64	30.72	1.98	30.45	2.00	30.29	2.03	30.14	2.03	30.01	2.04	29.39	2.06
	-13	-13.4	22.77	2.84	22.26	2.93	21.62	3.03	21.27	3.08	20.99	3.12	20.22	3.21
	-4	-4.4	25.37	2.90	24.80	3.00	24.09	3.09	23.70	3.14	23.38	3.19	22.53	3.28
	0	-0.4	26.77	2.92	26.18	3.01	25.43	3.11	25.01	3.16	24.68	3.20	23.78	3.30
	5	4.5	28.54	2.93	27.90	3.03	27.10	3.13	26.66	3.18	26.30	3.23	25.35	3.33
	10	9	29.79	2.85	29.12	2.95	28.29	3.04	27.83	3.10	27.46	3.14	26.46	3.23
	17	15	31.45	2.80	30.75	2.89	29.87	2.98	29.38	3.04	28.99	3.08	27.94	3.17
	20	19	31.49	2.71	30.79	2.80	29.91	2.89	29.42	2.94	29.03	2.98	27.97	3.07
	25	23	31.53	2.62	30.82	2.71	29.94	2.79	29.45	2.84	29.06	2.88	28.00	2.97
	30	28	31.57	2.51	30.86	2.59	29.98	2.68	29.49	2.72	29.10	2.76	28.04	2.84
	35	32	31.61	2.43	30.90	2.51	30.02	2.58	29.53	2.63	29.13	2.66	28.08	2.74
	40	36	31.64	2.34	30.94	2.42	30.05	2.49	29.56	2.53	29.17	2.57	28.11	2.64
	45	41	31.69	2.23	30.98	2.30	30.09	2.38	29.60	2.42	29.21	2.45	28.15	2.52
	47	43	31.71	2.18	31.00	2.26	30.11	2.33	29.62	2.37	29.23	2.40	28.16	2.47
	50	46	31.80	2.17	31.16	2.23	30.39	2.30	29.95	2.34	29.59	2.36	28.59	2.43
	55	51	31.95	2.14	31.42	2.20	30.84	2.25	30.49	2.28	30.21	2.30	29.31	2.35
23	60	56	32.11	2.12	31.69	2.16	31.30	2.20	31.03	2.22	30.82	2.23	30.03	2.27
	63	59	32.20	2.11	31.85	2.14	31.58	2.17	31.36	2.19	31.19	2.20	30.46	2.22
	68	64	32.30	2.09	32.01	2.12	31.85	2.15	31.69	2.15	31.56	2.16	30.90	2.18
	-13	-13.4	23.89	2.99	23.36	3.09	22.69	3.19	22.32	3.25	22.02	3.29	21.22	3.39
	-4	-4.4	26.62	3.06	26.02	3.16	25.28	3.26	24.86	3.32	24.53	3.36	23.64	3.46
	0	-0.4	28.09	3.08	27.47	3.18	26.68	3.28	26.25	3.33	25.90	3.38	24.96	3.48
	5	4.5	29.94	3.10	29.27	3.20	28.44	3.30	27.97	3.36	27.60	3.41	26.60	3.51
	10	9	31.25	3.01	30.56	3.11	29.68	3.21	29.20	3.27	28.81	3.31	27.76	3.41
	17	15	33.00	2.95	32.27	3.05	31.34	3.15	30.83	3.20	30.42	3.24	29.32	3.34
	20	19	33.04	2.86	32.30	2.95	31.38	3.05	30.87	3.10	30.46	3.14	29.35	3.24
	25	23	33.08	2.76	32.34	2.85	31.42	2.95	30.90	3.00	30.49	3.04	29.38	3.13
	30	28	33.13	2.65	32.39	2.74	31.46	2.82	30.95	2.87	30.54	2.91	29.43	3.00
	35	32	33.16	2.56	32.42	2.64	31.50	2.73	30.98	2.77	30.57	2.81	29.46	2.89
	40	36	33.20	2.47	32.46	2.55	31.53	2.63	31.02	2.67	30.61	2.71	29.49	2.79
	45	41	33.25	2.35	32.51	2.43	31.58	2.51	31.06	2.55	30.65	2.58	29.53	2.66
	47	43	33.27	2.30	32.53	2.38	31.60	2.46	31.08	2.50	30.67	2.53	29.55	2.61
	50	46	33.37	2.29	32.69	2.36	31.88	2.43	31.42	2.46	31.05	2.49	30.00	2.56
	55	51	33.53	2.26	32.97	2.32	32.36	2.38	31.99	2.40	31.70	2.43	30.76	2.48
	60	56	33.69	2.24	33.25	2.28	32.84	2.32	32.56	2.34	32.34	2.36	31.51	2.39
	63	59	33.79	2.22	33.42	2.26	33.13	2.29	32.91	2.31	32.72	2.32	31.96	2.34
	68	64	33.89	2.21	33.59	2.24	33.42	2.26	33.25	2.27	33.12	2.28	32.42	2.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F ^{WITH LGRED°}
MULTI F MAX

Table 25: KUMXA361A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	25.00	3.15	24.45	3.25	23.75	3.36	23.36	3.42	23.05	3.46	22.21	3.57
	-4	-4.4	27.86	3.22	27.24	3.32	26.46	3.43	26.02	3.49	25.68	3.54	24.75	3.64
	0	-0.4	29.41	3.24	28.75	3.34	27.93	3.45	27.47	3.51	27.11	3.55	26.12	3.66
	5	4.5	31.34	3.26	30.64	3.36	29.76	3.47	29.28	3.53	28.89	3.58	27.84	3.69
	10	9	32.71	3.17	31.98	3.27	31.07	3.38	30.56	3.44	30.15	3.49	29.06	3.59
	17	15	34.54	3.10	33.77	3.21	32.81	3.31	32.27	3.37	31.84	3.41	30.68	3.51
	20	19	34.58	3.00	33.81	3.10	32.84	3.21	32.31	3.26	31.88	3.31	30.72	3.41
	25	23	34.62	2.91	33.85	3.00	32.88	3.10	32.34	3.15	31.91	3.20	30.75	3.30
	30	28	34.67	2.79	33.90	2.88	32.93	2.97	32.39	3.02	31.96	3.06	30.80	3.16
	35	32	34.71	2.69	33.94	2.78	32.97	2.87	32.43	2.92	32.00	2.96	30.83	3.04
	40	36	34.75	2.59	33.97	2.68	33.00	2.77	32.46	2.81	32.03	2.85	30.87	2.93
	45	41	34.80	2.47	34.02	2.55	33.05	2.64	32.51	2.68	32.08	2.72	30.91	2.80
	47	43	34.82	2.42	34.04	2.50	33.07	2.58	32.53	2.63	32.10	2.66	30.93	2.74
	50	46	34.92	2.41	34.22	2.48	33.37	2.55	32.89	2.59	32.50	2.62	31.40	2.69
	55	51	35.09	2.38	34.51	2.44	33.87	2.50	33.49	2.53	33.17	2.55	32.19	2.61
	60	56	35.26	2.35	34.81	2.40	34.38	2.45	34.08	2.46	33.85	2.48	32.98	2.52
	63	59	35.37	2.34	34.98	2.38	34.68	2.41	34.44	2.43	34.25	2.44	33.46	2.47
	68	64	35.47	2.32	35.16	2.35	34.98	2.38	34.80	2.39	34.66	2.39	33.94	2.41
25	-13	-13.4	26.13	3.30	25.54	3.42	24.81	3.53	24.41	3.59	24.08	3.64	23.21	3.74
	-4	-4.4	29.11	3.37	28.46	3.49	27.64	3.60	27.19	3.66	26.83	3.71	25.86	3.82
	0	-0.4	30.72	3.40	30.04	3.51	29.18	3.62	28.70	3.68	28.32	3.73	27.29	3.84
	5	4.5	32.75	3.42	32.01	3.53	31.10	3.64	30.59	3.71	30.18	3.76	29.09	3.87
	10	9	34.18	3.32	33.42	3.43	32.46	3.55	31.93	3.61	31.51	3.66	30.36	3.77
	17	15	36.09	3.26	35.29	3.36	34.28	3.47	33.72	3.53	33.27	3.58	32.06	3.69
	20	19	36.13	3.15	35.33	3.26	34.32	3.36	33.76	3.42	33.31	3.47	32.10	3.57
	25	23	36.18	3.05	35.37	3.15	34.36	3.25	33.80	3.31	33.35	3.36	32.13	3.46
	30	28	36.23	2.93	35.42	3.02	34.41	3.12	33.84	3.17	33.39	3.21	32.18	3.31
	35	32	36.27	2.83	35.46	2.92	34.45	3.01	33.88	3.06	33.43	3.10	32.22	3.20
	40	36	36.31	2.72	35.50	2.81	34.49	2.90	33.92	2.95	33.47	2.99	32.25	3.08
	45	41	36.36	2.59	35.55	2.68	34.53	2.77	33.97	2.81	33.52	2.85	32.30	2.94
	47	43	36.38	2.54	35.57	2.63	34.55	2.71	33.99	2.76	33.54	2.80	32.32	2.88
	50	46	36.49	2.53	35.75	2.60	34.87	2.68	34.36	2.72	33.96	2.75	32.81	2.83
	55	51	36.67	2.50	36.06	2.56	35.39	2.62	34.99	2.65	34.66	2.68	33.64	2.74
	60	56	36.85	2.47	36.37	2.52	35.92	2.57	35.61	2.59	35.37	2.60	34.46	2.64
	63	59	36.95	2.46	36.55	2.50	36.24	2.53	35.99	2.55	35.79	2.56	34.96	2.59
	68	64	37.06	2.44	36.74	2.47	36.55	2.50	36.37	2.51	36.22	2.51	35.46	2.53
26	-13	-13.4	27.24	3.47	26.63	3.59	25.87	3.70	25.45	3.77	25.11	3.82	24.20	3.93
	-4	-4.4	30.35	3.55	29.67	3.66	28.82	3.78	28.35	3.85	27.98	3.90	26.96	4.02
	0	-0.4	32.04	3.57	31.32	3.69	30.42	3.80	29.93	3.87	29.53	3.92	28.46	4.04
	5	4.5	34.14	3.59	33.38	3.71	32.43	3.83	31.90	3.90	31.47	3.95	30.33	4.07
	10	9	35.64	3.49	34.84	3.61	33.85	3.73	33.29	3.79	32.85	3.84	31.66	3.96
	17	15	37.63	3.42	36.79	3.54	35.74	3.65	35.16	3.71	34.69	3.76	33.43	3.88
	20	19	37.68	3.31	36.83	3.42	35.78	3.53	35.20	3.60	34.73	3.65	33.47	3.76
	25	23	37.72	3.21	36.88	3.31	35.82	3.42	35.24	3.48	34.77	3.53	33.50	3.63
	30	28	37.77	3.08	36.93	3.18	35.87	3.28	35.29	3.33	34.82	3.38	33.55	3.48
	35	32	37.82	2.97	36.97	3.07	35.92	3.16	35.33	3.22	34.86	3.26	33.59	3.36
	40	36	37.86	2.86	37.01	2.96	35.96	3.05	35.37	3.10	34.90	3.14	33.63	3.24
	45	41	37.91	2.73	37.07	2.82	36.01	2.91	35.42	2.96	34.95	3.00	33.68	3.09
	47	43	37.94	2.67	37.09	2.76	36.03	2.85	35.44	2.90	34.97	2.94	33.70	3.03
	50	46	38.05	2.65	37.28	2.73	36.36	2.81	35.83	2.86	35.41	2.89	34.21	2.97
	55	51	38.23	2.63	37.60	2.69	36.90	2.76	36.48	2.79	36.14	2.81	35.07	2.87
	60	56	38.42	2.60	37.92	2.65	37.45	2.70	37.13	2.72	36.88	2.73	35.93	2.78
	63	59	38.53	2.58	38.11	2.62	37.78	2.66	37.52	2.68	37.32	2.69	36.45	2.72
	68	64	38.64	2.56	38.30	2.60	38.11	2.63	37.92	2.63	37.76	2.64	36.97	2.66

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 26: KUMXA361A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	28.36	3.63	27.73	3.75	26.94	3.87	26.50	3.94	26.14	3.99	25.19	4.11
	-4	-4.4	31.60	3.70	30.89	3.83	30.01	3.95	29.52	4.02	29.13	4.07	28.07	4.20
	0	-0.4	33.36	3.73	32.61	3.85	31.68	3.98	31.16	4.04	30.75	4.10	29.63	4.22
	5	4.5	35.55	3.75	34.75	3.88	33.76	4.00	33.21	4.07	32.77	4.13	31.58	4.25
	10	9	37.11	3.65	36.28	3.77	35.24	3.89	34.66	3.96	34.20	4.01	32.96	4.14
	17	15	39.18	3.57	38.31	3.69	37.21	3.81	36.60	3.88	36.12	3.93	34.80	4.05
	20	19	39.23	3.46	38.35	3.58	37.26	3.69	36.65	3.76	36.16	3.81	34.85	3.92
	25	23	39.27	3.35	38.40	3.46	37.30	3.57	36.69	3.63	36.20	3.68	34.89	3.80
	30	28	39.33	3.21	38.45	3.32	37.35	3.42	36.74	3.48	36.25	3.53	34.94	3.64
	35	32	39.37	3.10	38.49	3.20	37.40	3.30	36.78	3.36	36.30	3.41	34.98	3.51
	40	36	39.42	2.99	38.54	3.09	37.44	3.19	36.83	3.24	36.34	3.28	35.02	3.38
	45	41	39.48	2.85	38.59	2.94	37.49	3.04	36.88	3.09	36.39	3.13	35.07	3.22
	47	43	39.50	2.79	38.62	2.88	37.51	2.98	36.90	3.03	36.41	3.07	35.09	3.16
	50	46	39.61	2.77	38.82	2.86	37.86	2.94	37.31	2.99	36.87	3.02	35.62	3.10
	55	51	39.81	2.74	39.15	2.81	38.43	2.88	37.98	2.91	37.63	2.94	36.52	3.00
	60	56	40.00	2.71	39.48	2.77	39.00	2.82	38.66	2.84	38.39	2.86	37.41	2.90
28	-13	-13.4	29.49	3.80	28.83	3.92	28.00	4.05	27.55	4.12	27.18	4.17	26.19	4.30
	-4	-4.4	32.85	3.88	32.12	4.00	31.20	4.13	30.69	4.20	30.28	4.26	29.18	4.39
	0	-0.4	34.68	3.90	33.90	4.03	32.93	4.16	32.39	4.23	31.96	4.29	30.80	4.41
	5	4.5	36.96	3.93	36.13	4.06	35.10	4.19	34.52	4.26	34.07	4.32	32.83	4.45
	10	9	38.57	3.82	37.71	3.94	36.64	4.07	36.04	4.14	35.56	4.20	34.26	4.33
	17	15	40.73	3.74	39.82	3.86	38.69	3.99	38.05	4.06	37.55	4.12	36.18	4.24
	20	19	40.78	3.62	39.87	3.74	38.73	3.86	38.10	3.93	37.59	3.99	36.22	4.11
	25	23	40.83	3.51	39.91	3.62	38.77	3.74	38.14	3.80	37.63	3.85	36.27	3.97
	30	28	40.89	3.36	39.97	3.47	38.83	3.58	38.20	3.64	37.69	3.69	36.32	3.80
	35	32	40.93	3.25	40.02	3.35	38.87	3.46	38.24	3.52	37.73	3.56	36.36	3.67
	40	36	40.98	3.13	40.06	3.23	38.92	3.33	38.28	3.39	37.77	3.44	36.40	3.54
	45	41	41.04	2.98	40.12	3.08	38.97	3.18	38.34	3.23	37.83	3.28	36.45	3.37
	47	43	41.06	2.92	40.14	3.02	39.00	3.12	38.36	3.17	37.85	3.21	36.47	3.31
	50	46	41.18	2.90	40.35	2.99	39.35	3.08	38.78	3.12	38.33	3.16	37.03	3.25
	55	51	41.38	2.87	40.70	2.94	39.95	3.01	39.49	3.05	39.12	3.08	37.96	3.14
	60	56	41.58	2.84	41.04	2.89	40.54	2.95	40.19	2.97	39.91	2.99	38.89	3.04
	63	59	41.71	2.82	41.25	2.87	40.89	2.91	40.61	2.93	40.39	2.94	39.45	2.97
	68	64	41.83	2.80	41.46	2.84	41.25	2.87	41.04	2.88	40.87	2.89	40.02	2.91
29	-13	-13.4	30.60	3.96	29.92	4.09	29.06	4.23	28.59	4.30	28.21	4.36	27.18	4.49
	-4	-4.4	34.09	4.05	33.33	4.18	32.38	4.32	31.85	4.39	31.43	4.45	30.28	4.59
	0	-0.4	35.99	4.07	35.18	4.21	34.18	4.34	33.62	4.42	33.17	4.48	31.96	4.61
	5	4.5	38.35	4.10	37.50	4.24	36.42	4.37	35.83	4.45	35.35	4.51	34.07	4.64
	10	9	40.03	3.99	39.14	4.12	38.02	4.25	37.40	4.33	36.90	4.39	35.56	4.52
	17	15	42.27	3.91	41.33	4.04	40.15	4.17	39.49	4.24	38.97	4.30	37.55	4.42
	20	19	42.32	3.78	41.38	3.91	40.19	4.03	39.54	4.10	39.01	4.16	37.59	4.29
	25	23	42.37	3.66	41.42	3.78	40.24	3.90	39.58	3.97	39.06	4.03	37.64	4.15
	30	28	42.43	3.51	41.48	3.63	40.30	3.74	39.64	3.80	39.11	3.86	37.69	3.97
	35	32	42.48	3.39	41.53	3.50	40.34	3.61	39.68	3.67	39.16	3.72	37.73	3.83
	40	36	42.53	3.27	41.58	3.37	40.39	3.48	39.73	3.54	39.20	3.59	37.78	3.69
	45	41	42.59	3.11	41.64	3.22	40.45	3.32	39.79	3.38	39.26	3.42	37.83	3.52
	47	43	42.61	3.05	41.66	3.15	40.47	3.25	39.81	3.31	39.28	3.35	37.85	3.45
	50	46	42.74	3.03	41.88	3.12	40.84	3.21	40.25	3.26	39.78	3.30	38.43	3.39
	55	51	42.95	3.00	42.24	3.07	41.46	3.15	40.98	3.18	40.60	3.21	39.40	3.28
	60	56	43.16	2.96	42.59	3.02	42.07	3.08	41.71	3.10	41.42	3.12	40.36	3.17
	63	59	43.28	2.95	42.81	2.99	42.44	3.04	42.15	3.05	41.92	3.07	40.94	3.10
	68	64	43.41	2.93	43.03	2.96	42.81	3.00	42.59	3.01	42.42	3.01	41.53	3.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F ^{WITH LGRED°}
MULTI F MAX

Table 27: KUMXA361A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	31.72	4.14	31.01	4.28	30.13	4.41	29.63	4.49	29.24	4.55	28.18	4.69
	-4	-4.4	35.34	4.23	34.55	4.37	33.57	4.51	33.02	4.59	32.58	4.65	31.39	4.79
	0	-0.4	37.31	4.25	36.47	4.39	35.43	4.53	34.85	4.61	34.39	4.67	33.14	4.81
	5	4.5	39.76	4.28	38.87	4.42	37.76	4.57	37.14	4.64	36.65	4.71	35.32	4.85
	10	9	41.50	4.16	40.57	4.30	39.41	4.44	38.77	4.52	38.25	4.58	36.86	4.71
	17	15	43.82	4.08	42.84	4.22	41.62	4.35	40.94	4.42	40.40	4.48	38.93	4.62
	20	19	43.87	3.95	42.89	4.08	41.67	4.21	40.99	4.29	40.44	4.34	38.97	4.47
	25	23	43.92	3.82	42.94	3.95	41.72	4.08	41.03	4.15	40.49	4.20	39.02	4.33
	30	28	43.99	3.66	43.00	3.78	41.78	3.91	41.09	3.97	40.55	4.03	39.07	4.15
	35	32	44.04	3.53	43.05	3.65	41.82	3.77	41.14	3.83	40.59	3.89	39.12	4.00
	40	36	44.09	3.41	43.10	3.52	41.87	3.63	41.19	3.69	40.64	3.75	39.16	3.86
	45	41	44.15	3.25	43.16	3.35	41.93	3.46	41.25	3.52	40.70	3.57	39.22	3.68
	47	43	44.18	3.18	43.19	3.29	41.96	3.39	41.27	3.45	40.72	3.50	39.24	3.60
	50	46	44.31	3.16	43.41	3.26	42.34	3.35	41.72	3.40	41.23	3.44	39.84	3.53
	55	51	44.52	3.13	43.78	3.21	42.98	3.28	42.48	3.32	42.09	3.35	40.84	3.42
	60	56	44.74	3.10	44.16	3.16	43.61	3.21	43.24	3.24	42.94	3.26	41.84	3.31
	63	59	44.87	3.08	44.38	3.13	44.00	3.17	43.70	3.19	43.45	3.20	42.44	3.24
	68	64	45.00	3.06	44.60	3.10	44.38	3.13	44.15	3.14	43.97	3.15	43.05	3.17
31	-13	-13.4	32.84	4.31	32.10	4.45	31.19	4.59	30.68	4.67	30.27	4.74	29.17	4.88
	-4	-4.4	36.58	4.40	35.77	4.54	34.74	4.69	34.18	4.77	33.72	4.84	32.50	4.98
	0	-0.4	38.62	4.43	37.75	4.57	36.67	4.72	36.08	4.80	35.60	4.86	34.30	5.01
	5	4.5	41.16	4.45	40.24	4.60	39.09	4.75	38.45	4.83	37.94	4.90	36.56	5.05
	10	9	42.96	4.33	42.00	4.48	40.80	4.62	40.13	4.70	39.60	4.76	38.16	4.91
	17	15	45.36	4.25	44.35	4.39	43.08	4.53	42.38	4.60	41.82	4.66	40.29	4.80
	20	19	45.42	4.11	44.40	4.25	43.13	4.38	42.43	4.46	41.86	4.52	40.34	4.65
	25	23	45.47	3.98	44.45	4.11	43.18	4.24	42.48	4.32	41.91	4.37	40.39	4.50
	30	28	45.53	3.81	44.52	3.94	43.24	4.06	42.54	4.14	41.97	4.19	40.45	4.32
	35	32	45.59	3.68	44.57	3.80	43.29	3.92	42.59	3.99	42.02	4.04	40.49	4.17
	40	36	45.64	3.54	44.62	3.66	43.34	3.78	42.63	3.84	42.07	3.90	40.54	4.02
	45	41	45.70	3.38	44.68	3.49	43.40	3.60	42.70	3.66	42.13	3.71	40.60	3.83
	47	43	45.73	3.31	44.71	3.42	43.43	3.53	42.72	3.59	42.15	3.64	40.62	3.75
	50	46	45.86	3.29	44.94	3.39	43.83	3.49	43.19	3.54	42.68	3.58	41.24	3.68
	55	51	46.09	3.26	45.32	3.34	44.49	3.42	43.98	3.45	43.57	3.49	42.28	3.56
	60	56	46.31	3.22	45.71	3.29	45.15	3.35	44.76	3.37	44.45	3.39	43.31	3.44
	63	59	46.45	3.20	45.94	3.25	45.54	3.30	45.23	3.32	44.98	3.33	43.94	3.37
	68	64	46.58	3.18	46.17	3.22	45.94	3.26	45.71	3.27	45.52	3.28	44.57	3.30
32	-13	-13.4	33.96	4.48	33.20	4.63	32.25	4.78	31.72	4.86	31.30	4.93	30.16	5.07
	-4	-4.4	37.83	4.58	36.99	4.73	35.93	4.88	35.35	4.96	34.88	5.03	33.61	5.18
	0	-0.4	39.94	4.60	39.04	4.75	37.93	4.90	37.31	4.99	36.81	5.06	35.47	5.21
	5	4.5	42.56	4.64	41.61	4.79	40.42	4.94	39.76	5.03	39.23	5.10	37.81	5.25
	10	9	44.43	4.51	43.43	4.66	42.19	4.80	41.50	4.89	40.95	4.95	39.46	5.10
	17	15	46.91	4.42	45.87	4.56	44.55	4.71	43.83	4.79	43.24	4.85	41.67	5.00
	20	19	46.97	4.28	45.92	4.42	44.61	4.56	43.88	4.64	43.29	4.70	41.72	4.84
	25	23	47.02	4.14	45.97	4.28	44.66	4.41	43.93	4.49	43.34	4.55	41.77	4.68
	30	28	47.09	3.97	46.04	4.10	44.72	4.23	43.99	4.30	43.41	4.36	41.83	4.49
	35	32	47.14	3.83	46.09	3.96	44.77	4.08	44.04	4.15	43.46	4.21	41.88	4.33
	40	36	47.20	3.69	46.14	3.81	44.82	3.93	44.09	4.00	43.51	4.05	41.92	4.18
	45	41	47.26	3.52	46.21	3.63	44.89	3.75	44.15	3.81	43.57	3.87	41.98	3.98
	47	43	47.29	3.45	46.23	3.56	44.91	3.68	44.18	3.74	43.59	3.79	42.01	3.90
	50	46	47.43	3.42	46.47	3.53	45.32	3.63	44.67	3.69	44.14	3.73	42.65	3.83
	55	51	47.66	3.39	46.87	3.47	46.01	3.56	45.48	3.60	45.06	3.63	43.72	3.71
	60	56	47.89	3.35	47.27	3.42	46.69	3.48	46.29	3.51	45.97	3.53	44.79	3.58
	63	59	48.03	3.33	47.51	3.38	47.10	3.43	46.78	3.45	46.52	3.47	45.44	3.51
	68	64	48.17	3.31	47.75	3.35	47.51	3.39	47.27	3.40	47.07	3.41	46.09	3.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 28: KUMXA361A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	35.07	4.66	34.29	4.82	33.31	4.97	32.77	5.06	32.33	5.12	31.15	5.28
	-4	-4.4	39.08	4.76	38.20	4.92	37.11	5.08	36.51	5.16	36.02	5.23	34.71	5.39
	0	-0.4	41.25	4.79	40.32	4.94	39.17	5.10	38.53	5.19	38.02	5.26	36.64	5.42
	5	4.5	43.96	4.82	42.98	4.98	41.75	5.14	41.07	5.23	40.52	5.30	39.05	5.46
	10	9	45.89	4.69	44.86	4.84	43.58	5.00	42.87	5.08	42.30	5.15	40.76	5.31
	17	15	48.45	4.59	47.37	4.74	46.02	4.89	45.26	4.98	44.66	5.05	43.04	5.20
	20	19	48.51	4.45	47.42	4.60	46.07	4.74	45.32	4.82	44.71	4.89	43.09	5.04
	25	23	48.56	4.31	47.48	4.45	46.12	4.59	45.37	4.67	44.77	4.73	43.14	4.87
	30	28	48.63	4.13	47.55	4.26	46.19	4.40	45.43	4.47	44.83	4.53	43.20	4.67
	35	32	48.69	3.98	47.60	4.11	46.24	4.24	45.49	4.32	44.88	4.38	43.25	4.51
	40	36	48.75	3.84	47.66	3.97	46.30	4.09	45.54	4.16	44.93	4.22	43.30	4.34
	45	41	48.82	3.66	47.73	3.78	46.36	3.90	45.60	3.97	45.00	4.02	43.36	4.14
	47	43	48.84	3.58	47.75	3.70	46.39	3.82	45.63	3.89	45.02	3.94	43.39	4.06
	50	46	48.99	3.56	48.00	3.67	46.81	3.78	46.13	3.83	45.59	3.88	44.05	3.98
	55	51	49.23	3.52	48.41	3.61	47.52	3.70	46.97	3.74	46.53	3.77	45.16	3.86
	60	56	49.47	3.49	48.82	3.55	48.22	3.62	47.81	3.65	47.48	3.67	46.26	3.73
34	63	59	49.61	3.46	49.07	3.52	48.64	3.57	48.31	3.59	48.04	3.61	46.93	3.65
	68	64	49.75	3.44	49.32	3.48	49.07	3.53	48.82	3.54	48.62	3.54	47.60	3.57
	-13	-13.4	36.20	4.84	35.39	4.99	34.38	5.15	33.81	5.24	33.36	5.31	32.15	5.47
	-4	-4.4	40.33	4.94	39.43	5.10	38.30	5.26	37.67	5.35	37.17	5.43	35.82	5.59
	0	-0.4	42.57	4.96	41.62	5.13	40.43	5.29	39.77	5.38	39.24	5.46	37.81	5.62
	5	4.5	45.37	5.00	44.35	5.17	43.09	5.33	42.38	5.42	41.82	5.50	40.30	5.66
	10	9	47.35	4.86	46.30	5.02	44.97	5.18	44.24	5.27	43.65	5.35	42.06	5.51
	17	15	50.00	4.76	48.89	4.92	47.49	5.08	46.71	5.17	46.09	5.24	44.42	5.40
	20	19	50.06	4.61	48.94	4.77	47.54	4.92	46.77	5.01	46.15	5.07	44.47	5.23
	25	23	50.12	4.46	49.00	4.61	47.60	4.76	46.82	4.84	46.20	4.91	44.52	5.06
	30	28	50.19	4.28	49.07	4.42	47.67	4.56	46.89	4.64	46.27	4.70	44.58	4.85
	35	32	50.25	4.13	49.13	4.26	47.72	4.40	46.94	4.48	46.32	4.54	44.63	4.68
	40	36	50.31	3.98	49.18	4.11	47.78	4.24	47.00	4.31	46.37	4.37	44.69	4.51
	45	41	50.38	3.79	49.25	3.92	47.84	4.04	47.06	4.11	46.44	4.17	44.75	4.29
	47	43	50.41	3.72	49.28	3.84	47.87	3.96	47.09	4.03	46.46	4.09	44.77	4.21
	50	46	50.55	3.70	49.53	3.80	48.31	3.91	47.61	3.97	47.05	4.02	45.46	4.13
35	55	51	50.80	3.66	49.96	3.75	49.04	3.83	48.47	3.88	48.02	3.91	46.60	4.00
	60	56	51.05	3.62	50.38	3.69	49.76	3.75	49.34	3.78	49.00	3.80	47.74	3.86
	63	59	51.20	3.59	50.64	3.65	50.20	3.71	49.86	3.72	49.58	3.74	48.43	3.78
	68	64	51.34	3.57	50.89	3.62	50.64	3.66	50.38	3.67	50.17	3.68	49.13	3.71
	-13	-13.4	37.31	5.02	36.48	5.18	35.43	5.35	34.86	5.44	34.39	5.51	33.14	5.68
	-4	-4.4	41.57	5.12	40.64	5.29	39.48	5.46	38.83	5.55	38.32	5.63	36.92	5.80
	0	-0.4	43.88	5.15	42.90	5.32	41.67	5.49	40.99	5.58	40.45	5.66	38.97	5.83
	5	4.5	46.76	5.19	45.72	5.36	44.41	5.53	43.69	5.62	43.11	5.70	41.54	5.87
	10	9	48.81	5.04	47.72	5.21	46.36	5.38	45.60	5.47	44.99	5.54	43.36	5.71
	17	15	51.54	4.94	50.39	5.10	48.95	5.27	48.15	5.36	47.51	5.43	45.78	5.60
	20	19	51.60	4.78	50.45	4.94	49.01	5.10	48.21	5.19	47.57	5.26	45.84	5.42
	25	23	51.66	4.63	50.51	4.78	49.06	4.94	48.26	5.02	47.62	5.09	45.89	5.25
	30	28	51.74	4.44	50.58	4.58	49.13	4.73	48.33	4.81	47.69	4.88	45.96	5.03
	35	32	51.80	4.28	50.64	4.42	49.19	4.56	48.39	4.64	47.74	4.71	46.01	4.85
	40	36	51.85	4.13	50.70	4.26	49.25	4.40	48.44	4.48	47.80	4.54	46.06	4.67
	45	41	51.93	3.93	50.77	4.06	49.32	4.19	48.51	4.26	47.87	4.32	46.13	4.45
	47	43	51.96	3.86	50.80	3.98	49.35	4.11	48.54	4.18	47.89	4.24	46.15	4.37
	50	46	52.11	3.83	51.06	3.95	49.80	4.06	49.07	4.12	48.50	4.17	46.86	4.28
	55	51	52.37	3.79	51.50	3.89	50.55	3.98	49.97	4.02	49.50	4.06	48.04	4.14
	60	56	52.62	3.75	51.93	3.82	51.30	3.89	50.86	3.92	50.51	3.95	49.21	4.01
	63	59	52.77	3.73	52.20	3.79	51.75	3.84	51.39	3.86	51.11	3.88	49.92	3.92
	68	64	52.93	3.70	52.46	3.75	52.20	3.79	51.93	3.80	51.72	3.81	50.64	3.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 29: KUMXA361A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85
	45	41	53.49	4.08	52.30	4.22	50.80	4.35	49.97	4.43	49.31	4.49	47.51	4.62
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
37	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85
	45	41	53.49	4.08	52.30	4.22	50.80	4.35	49.97	4.43	49.31	4.49	47.51	4.62
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99
38	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85
	45	41	53.49	4.08	52.30	4.22	50.80	4.35	49.97	4.43	49.31	4.49	47.51	4.62
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 30: KUMXA361A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85
	45	41	53.49	4.08	52.30	4.22	50.80	4.35	49.97	4.43	49.31	4.49	47.51	4.62
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
40	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99
	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85
	45	41	53.49	4.08	52.30	4.22	50.80	4.35	49.97	4.43	49.31	4.49	47.51	4.62
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
41	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99
	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85
	45	41	53.49	4.08	52.30	4.22	50.80	4.35	49.97	4.43	49.31	4.49	47.51	4.62
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 31: KUMXA361A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85
	45	41	53.49	4.08	52.30	4.22	50.80	4.35	49.97	4.43	49.31	4.49	47.51	4.62
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
43	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99
	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85
	45	41	53.49	4.08	52.30	4.22	50.80	4.35	49.97	4.43	49.31	4.49	47.51	4.62
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
44	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99
	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85
	45	41	53.49	4.08	52.30	4.22	50.80	4.35	49.97	4.43	49.31	4.49	47.51	4.62
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 32: KUMXA361A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85
	45	41	53.49	4.08	52.30	4.22	50.80	4.35	49.97	4.43	49.31	4.49	47.51	4.62
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
46	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99
	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85
	45	41	53.49	4.08	52.30	4.22	50.80	4.35	49.97	4.43	49.31	4.49	47.51	4.62
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
47	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99
	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA361A

Maximum Heating Capacity Tables

MULTI F ^{WITH LGRED°}
MULTI F MAX

Table 33: KUMXA361A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	38.43	5.21	37.57	5.38	36.50	5.55	35.90	5.65	35.43	5.72	34.14	5.89
	-4	-4.4	42.82	5.32	41.86	5.49	40.67	5.67	40.00	5.77	39.47	5.84	38.03	6.02
	0	-0.4	45.20	5.34	44.19	5.52	42.92	5.70	42.22	5.80	41.66	5.88	40.15	6.05
	5	4.5	48.17	5.39	47.09	5.56	45.75	5.74	45.00	5.84	44.40	5.92	42.79	6.10
	10	9	50.28	5.24	49.16	5.41	47.75	5.58	46.97	5.68	46.35	5.76	44.66	5.93
	17	15	53.09	5.13	51.91	5.30	50.42	5.47	49.60	5.56	48.94	5.64	47.16	5.81
	20	19	53.15	4.97	51.97	5.13	50.48	5.30	49.66	5.39	49.00	5.46	47.22	5.63
	25	23	53.22	4.81	52.03	4.97	50.54	5.13	49.71	5.21	49.05	5.29	47.27	5.45
	30	28	53.29	4.61	52.10	4.76	50.61	4.91	49.79	5.00	49.12	5.06	47.34	5.22
	35	32	53.35	4.45	52.16	4.59	50.67	4.74	49.84	4.82	49.18	4.89	47.39	5.03
	40	36	53.41	4.28	52.22	4.43	50.73	4.57	49.90	4.65	49.24	4.71	47.45	4.85
	45	41	53.49	4.08	52.30	4.22	50.80	4.35	49.97	4.43	49.31	4.49	47.51	4.62
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 34: KUMXA421A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	17.34	2.04	16.95	2.11	16.47	2.18	16.20	2.22	15.98	2.25	15.40	2.31
	-4	-4.4	19.63	2.12	19.19	2.19	18.64	2.26	18.34	2.30	18.10	2.33	17.44	2.40
	0	-0.4	20.88	2.15	20.41	2.22	19.83	2.29	19.51	2.33	19.25	2.36	18.55	2.43
	5	4.5	22.44	2.18	21.94	2.25	21.31	2.33	20.96	2.37	20.68	2.40	19.93	2.47
	10	9	23.48	2.13	22.95	2.20	22.30	2.27	21.93	2.31	21.64	2.34	20.86	2.41
	17	15	24.87	2.09	24.31	2.16	23.62	2.23	23.23	2.27	22.92	2.30	22.09	2.37
	20	19	24.96	2.03	24.40	2.10	23.70	2.16	23.31	2.20	23.00	2.23	22.17	2.30
	25	23	25.04	1.97	24.48	2.04	23.78	2.10	23.39	2.14	23.08	2.17	22.24	2.23
	30	28	25.15	1.89	24.59	1.96	23.89	2.02	23.50	2.05	23.18	2.08	22.34	2.15
	35	32	25.24	1.83	24.67	1.90	23.97	1.96	23.58	1.99	23.26	2.02	22.42	2.08
	40	36	25.32	1.77	24.76	1.83	24.05	1.89	23.66	1.92	23.34	1.95	22.49	2.01
	45	41	25.43	1.70	24.86	1.76	24.15	1.81	23.76	1.84	23.44	1.87	22.59	1.92
	47	43	25.48	1.67	24.91	1.72	24.20	1.78	23.80	1.81	23.48	1.83	22.63	1.89
	50	46	25.55	1.66	25.04	1.71	24.42	1.76	24.06	1.78	23.78	1.81	22.98	1.85
	55	51	25.68	1.64	25.25	1.68	24.78	1.72	24.50	1.74	24.27	1.76	23.55	1.79
	60	56	25.80	1.62	25.46	1.65	25.15	1.69	24.94	1.70	24.76	1.71	24.13	1.73
	63	59	25.88	1.61	25.59	1.64	25.37	1.66	25.20	1.67	25.06	1.68	24.48	1.70
	68	64	25.95	1.60	25.72	1.62	25.59	1.64	25.46	1.65	25.36	1.65	24.83	1.66
19	-13	-13.4	18.40	2.19	17.99	2.26	17.48	2.34	17.19	2.38	16.97	2.41	16.35	2.48
	-4	-4.4	20.84	2.28	20.37	2.35	19.79	2.43	19.46	2.47	19.21	2.50	18.51	2.58
	0	-0.4	22.16	2.30	21.66	2.38	21.05	2.46	20.70	2.50	20.43	2.53	19.68	2.61
	5	4.5	23.81	2.34	23.28	2.42	22.62	2.49	22.25	2.54	21.95	2.57	21.15	2.65
	10	9	24.92	2.28	24.36	2.36	23.67	2.43	23.28	2.47	22.97	2.51	22.14	2.58
	17	15	26.39	2.24	25.80	2.31	25.07	2.39	24.66	2.43	24.33	2.46	23.45	2.54
	20	19	26.49	2.18	25.89	2.25	25.15	2.32	24.74	2.36	24.41	2.39	23.53	2.46
	25	23	26.58	2.11	25.98	2.18	25.24	2.25	24.83	2.29	24.50	2.32	23.61	2.39
	30	28	26.69	2.03	26.10	2.10	25.35	2.17	24.94	2.20	24.61	2.23	23.71	2.30
	35	32	26.79	1.97	26.19	2.03	25.44	2.10	25.02	2.13	24.69	2.16	23.79	2.23
	40	36	26.88	1.90	26.28	1.96	25.53	2.03	25.11	2.06	24.78	2.09	23.87	2.15
	45	41	26.99	1.82	26.39	1.88	25.64	1.94	25.22	1.97	24.88	2.00	23.98	2.06
	47	43	27.04	1.79	26.43	1.85	25.68	1.91	25.26	1.94	24.92	1.97	24.02	2.03
	50	46	27.12	1.78	26.57	1.83	25.91	1.88	25.54	1.91	25.24	1.93	24.39	1.99
	55	51	27.25	1.76	26.80	1.80	26.30	1.85	26.00	1.87	25.76	1.88	25.00	1.92
	60	56	27.38	1.74	27.03	1.77	26.69	1.81	26.47	1.82	26.28	1.83	25.61	1.86
	63	59	27.46	1.73	27.16	1.76	26.93	1.78	26.74	1.79	26.60	1.80	25.98	1.82
	68	64	27.54	1.72	27.30	1.74	27.16	1.76	27.03	1.76	26.91	1.77	26.35	1.78
20	-13	-13.4	19.46	2.33	19.03	2.40	18.48	2.48	18.18	2.52	17.94	2.56	17.29	2.63
	-4	-4.4	22.03	2.42	21.54	2.50	20.92	2.58	20.58	2.62	20.31	2.66	19.57	2.74
	0	-0.4	23.43	2.45	22.91	2.53	22.25	2.61	21.89	2.65	21.60	2.69	20.81	2.77
	5	4.5	25.18	2.48	24.62	2.57	23.92	2.65	23.52	2.69	23.21	2.73	22.37	2.81
	10	9	26.35	2.42	25.76	2.50	25.03	2.58	24.62	2.63	24.29	2.66	23.41	2.74
	17	15	27.91	2.38	27.29	2.46	26.51	2.54	26.07	2.58	25.73	2.61	24.79	2.69
	20	19	28.01	2.31	27.38	2.39	26.60	2.46	26.16	2.51	25.82	2.54	24.88	2.62
	25	23	28.10	2.24	27.48	2.32	26.69	2.39	26.25	2.43	25.91	2.46	24.96	2.54
	30	28	28.23	2.16	27.60	2.23	26.81	2.30	26.37	2.34	26.02	2.37	25.07	2.44
	35	32	28.32	2.09	27.69	2.16	26.90	2.23	26.46	2.26	26.11	2.29	25.16	2.36
	40	36	28.42	2.02	27.79	2.09	26.99	2.15	26.55	2.19	26.20	2.22	25.25	2.29
	45	41	28.54	1.93	27.90	2.00	27.11	2.06	26.66	2.10	26.31	2.13	25.35	2.19
	47	43	28.59	1.90	27.95	1.96	27.15	2.03	26.71	2.06	26.36	2.09	25.40	2.15
	50	46	28.68	1.89	28.10	1.94	27.40	2.00	27.00	2.03	26.69	2.05	25.79	2.11
	55	51	28.82	1.87	28.34	1.91	27.81	1.96	27.49	1.98	27.24	2.00	26.43	2.04
	60	56	28.96	1.85	28.58	1.88	28.23	1.92	27.99	1.93	27.79	1.94	27.08	1.97
	63	59	29.04	1.84	28.72	1.87	28.47	1.89	28.28	1.90	28.12	1.91	27.47	1.93
	68	64	29.12	1.82	28.87	1.85	28.72	1.87	28.58	1.87	28.46	1.88	27.86	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 35: KUMXA421A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	20.52	2.47	20.07	2.55	19.49	2.64	19.17	2.68	18.92	2.72	18.23	2.80
	-4	-4.4	23.24	2.57	22.72	2.65	22.07	2.74	21.71	2.79	21.42	2.82	20.64	2.91
	0	-0.4	24.71	2.60	24.16	2.69	23.47	2.77	23.09	2.82	22.78	2.86	21.95	2.94
	5	4.5	26.56	2.64	25.96	2.73	25.22	2.82	24.81	2.86	24.48	2.90	23.59	2.99
	10	9	27.79	2.58	27.17	2.66	26.39	2.75	25.96	2.79	25.62	2.83	24.69	2.92
	17	15	29.43	2.53	28.78	2.61	27.95	2.70	27.50	2.74	27.13	2.78	26.15	2.86
	20	19	29.54	2.46	28.88	2.54	28.05	2.62	27.59	2.66	27.23	2.70	26.24	2.78
	25	23	29.64	2.38	28.98	2.46	28.15	2.54	27.69	2.58	27.32	2.62	26.33	2.70
	30	28	29.77	2.29	29.10	2.37	28.27	2.44	27.81	2.49	27.44	2.52	26.44	2.60
	35	32	29.87	2.22	29.20	2.29	28.37	2.37	27.91	2.41	27.54	2.44	26.53	2.51
	40	36	29.97	2.15	29.30	2.22	28.47	2.29	28.00	2.33	27.63	2.36	26.63	2.43
	45	41	30.10	2.06	29.43	2.12	28.59	2.19	28.12	2.23	27.75	2.26	26.74	2.33
	47	43	30.15	2.02	29.48	2.09	28.64	2.15	28.17	2.19	27.80	2.22	26.78	2.29
	50	46	30.24	2.01	29.63	2.07	28.90	2.13	28.48	2.16	28.15	2.18	27.19	2.24
	55	51	30.39	1.99	29.89	2.03	29.33	2.08	29.00	2.11	28.73	2.13	27.88	2.17
22	60	56	30.54	1.96	30.14	2.00	29.77	2.04	29.51	2.05	29.31	2.07	28.56	2.10
	63	59	30.63	1.95	30.29	1.98	30.03	2.01	29.83	2.02	29.66	2.03	28.97	2.06
	68	64	30.72	1.94	30.45	1.96	30.29	1.99	30.14	1.99	30.01	2.00	29.39	2.01
	-13	-13.4	21.58	2.62	21.10	2.71	20.50	2.79	20.16	2.84	19.89	2.88	19.17	2.97
	-4	-4.4	24.43	2.72	23.89	2.81	23.20	2.90	22.82	2.95	22.52	2.99	21.70	3.08
	0	-0.4	25.98	2.75	25.40	2.85	24.68	2.94	24.27	2.99	23.95	3.03	23.08	3.12
	5	4.5	27.92	2.80	27.30	2.89	26.52	2.98	26.09	3.03	25.74	3.07	24.80	3.17
	10	9	29.22	2.73	28.57	2.82	27.75	2.91	27.30	2.96	26.94	3.00	25.96	3.09
	17	15	30.95	2.68	30.26	2.77	29.39	2.86	28.91	2.91	28.53	2.94	27.49	3.03
	20	19	31.06	2.60	30.36	2.69	29.50	2.77	29.01	2.82	28.63	2.86	27.59	2.95
	25	23	31.17	2.52	30.47	2.61	29.60	2.69	29.12	2.74	28.73	2.78	27.68	2.86
	30	28	31.30	2.43	30.60	2.51	29.73	2.59	29.24	2.63	28.85	2.67	27.80	2.75
	35	32	31.41	2.35	30.71	2.43	29.83	2.51	29.34	2.55	28.95	2.58	27.90	2.66
	40	36	31.52	2.27	30.81	2.35	29.93	2.42	29.44	2.47	29.05	2.50	28.00	2.57
	45	41	31.65	2.18	30.94	2.25	30.06	2.32	29.57	2.36	29.18	2.39	28.12	2.47
	47	43	31.71	2.14	31.00	2.21	30.11	2.28	29.62	2.32	29.23	2.35	28.16	2.42
23	50	46	31.80	2.13	31.16	2.19	30.39	2.25	29.95	2.29	29.59	2.31	28.59	2.38
	55	51	31.95	2.10	31.42	2.16	30.84	2.21	30.49	2.23	30.21	2.25	29.31	2.30
	60	56	32.11	2.08	31.69	2.12	31.30	2.16	31.03	2.18	30.82	2.19	30.03	2.22
	63	59	32.20	2.07	31.85	2.10	31.58	2.13	31.36	2.14	31.19	2.15	30.46	2.18
	68	64	32.30	2.05	32.01	2.08	31.85	2.10	31.69	2.11	31.56	2.11	30.90	2.13
	-13	-13.4	22.65	2.77	22.14	2.86	21.51	2.95	21.16	3.00	20.87	3.04	20.11	3.13
	-4	-4.4	25.64	2.87	25.06	2.97	24.35	3.06	23.95	3.12	23.63	3.16	22.77	3.25
	0	-0.4	27.27	2.91	26.66	3.01	25.89	3.10	25.47	3.16	25.13	3.20	24.22	3.29
	5	4.5	29.30	2.95	28.65	3.05	27.83	3.15	27.37	3.20	27.01	3.25	26.03	3.34
	10	9	30.66	2.88	29.98	2.98	29.12	3.07	28.64	3.13	28.26	3.17	27.24	3.26
	17	15	32.48	2.83	31.75	2.92	30.84	3.02	30.34	3.07	29.94	3.11	28.85	3.20
	20	19	32.59	2.75	31.86	2.84	30.95	2.93	30.44	2.98	30.04	3.02	28.95	3.11
	25	23	32.70	2.67	31.97	2.75	31.06	2.84	30.55	2.89	30.14	2.93	29.05	3.02
	30	28	32.84	2.56	32.11	2.65	31.19	2.73	30.68	2.78	30.28	2.82	29.17	2.90
	35	32	32.96	2.48	32.22	2.57	31.30	2.65	30.79	2.69	30.38	2.73	29.27	2.81
	40	36	33.07	2.40	32.33	2.48	31.41	2.56	30.89	2.60	30.48	2.64	29.38	2.72
	45	41	33.21	2.30	32.47	2.38	31.54	2.45	31.03	2.49	30.61	2.53	29.50	2.60
	47	43	33.27	2.26	32.53	2.33	31.60	2.41	31.08	2.45	30.67	2.48	29.55	2.56
	50	46	33.37	2.24	32.69	2.31	31.88	2.38	31.42	2.41	31.05	2.44	30.00	2.51
	55	51	33.53	2.22	32.97	2.28	32.36	2.33	31.99	2.36	31.70	2.38	30.76	2.43
	60	56	33.69	2.20	33.25	2.24	32.84	2.28	32.56	2.30	32.34	2.31	31.51	2.35
	63	59	33.79	2.18	33.42	2.22	33.13	2.25	32.91	2.26	32.72	2.27	31.96	2.30
	68	64	33.89	2.17	33.59	2.20	33.42	2.22	33.25	2.23	33.12	2.23	32.42	2.25

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 36: KUMXA421A Maximum Heating Capacity Table —Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	23.70	2.91	23.17	3.01	22.51	3.11	22.14	3.16	21.85	3.20	21.05	3.30
	-4	-4.4	26.83	3.03	26.23	3.13	25.48	3.23	25.07	3.28	24.73	3.33	23.83	3.43
	0	-0.4	28.54	3.06	27.90	3.16	27.10	3.27	26.66	3.32	26.31	3.37	25.35	3.47
	5	4.5	30.67	3.11	29.98	3.21	29.13	3.32	28.65	3.37	28.27	3.42	27.24	3.52
	10	9	32.09	3.03	31.37	3.13	30.48	3.24	29.98	3.29	29.58	3.34	28.51	3.44
	17	15	33.99	2.98	33.23	3.08	32.28	3.18	31.75	3.23	31.33	3.27	30.19	3.37
	20	19	34.11	2.89	33.35	2.99	32.39	3.09	31.86	3.14	31.44	3.18	30.30	3.28
	25	23	34.23	2.81	33.46	2.90	32.51	2.99	31.98	3.05	31.55	3.09	30.40	3.18
	30	28	34.38	2.70	33.61	2.79	32.65	2.88	32.11	2.93	31.69	2.97	30.54	3.06
	35	32	34.49	2.61	33.72	2.70	32.76	2.79	32.23	2.84	31.80	2.87	30.64	2.96
	40	36	34.61	2.53	33.84	2.61	32.87	2.70	32.34	2.74	31.91	2.78	30.75	2.86
	45	41	34.76	2.42	33.99	2.50	33.01	2.58	32.47	2.63	32.04	2.66	30.88	2.74
	47	43	34.82	2.38	34.04	2.46	33.07	2.54	32.53	2.58	32.10	2.61	30.93	2.69
	50	46	34.92	2.36	34.22	2.43	33.37	2.51	32.89	2.54	32.50	2.57	31.40	2.64
	55	51	35.09	2.34	34.51	2.40	33.87	2.45	33.49	2.48	33.17	2.50	32.19	2.56
	60	56	35.26	2.31	34.81	2.36	34.38	2.40	34.08	2.42	33.85	2.43	32.98	2.47
25	63	59	35.37	2.30	34.98	2.34	34.68	2.37	34.44	2.38	34.25	2.39	33.46	2.42
	68	64	35.47	2.28	35.16	2.31	34.98	2.34	34.80	2.35	34.66	2.35	33.94	2.37
	-13	-13.4	24.77	3.06	24.21	3.16	23.52	3.26	23.14	3.32	22.83	3.36	22.00	3.46
	-4	-4.4	28.04	3.18	27.41	3.28	26.63	3.39	26.19	3.45	25.84	3.49	24.90	3.60
	0	-0.4	29.82	3.22	29.15	3.32	28.32	3.43	27.86	3.49	27.49	3.54	26.49	3.64
	5	4.5	32.04	3.27	31.33	3.38	30.43	3.48	29.94	3.54	29.54	3.59	28.46	3.70
	10	9	33.53	3.19	32.78	3.29	31.85	3.40	31.33	3.46	30.91	3.50	29.79	3.61
	17	15	35.52	3.13	34.72	3.23	33.73	3.34	33.18	3.39	32.74	3.44	31.55	3.54
	20	19	35.64	3.04	34.84	3.14	33.85	3.24	33.30	3.30	32.85	3.34	31.66	3.44
	25	23	35.76	2.95	34.96	3.05	33.97	3.14	33.41	3.20	32.97	3.24	31.77	3.34
	30	28	35.92	2.84	35.12	2.93	34.11	3.02	33.56	3.08	33.11	3.12	31.91	3.21
	35	32	36.04	2.75	35.24	2.84	34.23	2.93	33.67	2.98	33.22	3.02	32.02	3.11
	40	36	36.17	2.66	35.36	2.74	34.35	2.83	33.79	2.88	33.34	2.92	32.13	3.01
	45	41	36.32	2.54	35.51	2.63	34.50	2.71	33.93	2.76	33.48	2.80	32.26	2.88
	47	43	36.38	2.50	35.57	2.58	34.55	2.66	33.99	2.71	33.54	2.75	32.32	2.83
	50	46	36.49	2.48	35.75	2.56	34.87	2.63	34.36	2.67	33.96	2.70	32.81	2.78
26	55	51	36.67	2.46	36.06	2.52	35.39	2.58	34.99	2.61	34.66	2.63	33.64	2.69
	60	56	36.85	2.43	36.37	2.48	35.92	2.52	35.61	2.54	35.37	2.56	34.46	2.60
	63	59	36.95	2.41	36.55	2.45	36.24	2.49	35.99	2.50	35.79	2.51	34.96	2.54
	68	64	37.06	2.40	36.74	2.43	36.55	2.46	36.37	2.47	36.22	2.47	35.46	2.49
	-13	-13.4	25.82	3.22	25.24	3.32	24.52	3.43	24.12	3.49	23.80	3.54	22.94	3.64
	-4	-4.4	29.23	3.34	28.58	3.45	27.76	3.56	27.31	3.62	26.95	3.67	25.97	3.78
	0	-0.4	31.09	3.38	30.40	3.50	29.53	3.61	29.04	3.67	28.66	3.72	27.62	3.83
	5	4.5	33.41	3.44	32.66	3.55	31.73	3.66	31.21	3.73	30.80	3.78	29.68	3.89
	10	9	34.96	3.35	34.18	3.46	33.20	3.57	32.66	3.64	32.23	3.68	31.06	3.80
	17	15	37.03	3.29	36.20	3.40	35.17	3.51	34.59	3.57	34.13	3.62	32.89	3.73
	20	19	37.16	3.20	36.33	3.30	35.29	3.41	34.72	3.47	34.25	3.51	33.01	3.62
	25	23	37.29	3.10	36.46	3.20	35.41	3.31	34.84	3.36	34.37	3.41	33.12	3.51
	30	28	37.45	2.98	36.61	3.08	35.57	3.18	34.99	3.24	34.52	3.28	33.27	3.38
	35	32	37.58	2.89	36.74	2.98	35.69	3.08	35.11	3.13	34.64	3.18	33.38	3.27
	40	36	37.71	2.79	36.87	2.89	35.81	2.98	35.23	3.03	34.76	3.07	33.50	3.16
	45	41	37.87	2.68	37.03	2.76	35.97	2.85	35.38	2.90	34.91	2.94	33.64	3.03
	47	43	37.94	2.63	37.09	2.71	36.03	2.80	35.44	2.85	34.97	2.89	33.70	2.98
26	50	46	38.05	2.61	37.28	2.69	36.36	2.77	35.83	2.81	35.41	2.84	34.21	2.92
	55	51	38.23	2.58	37.60	2.65	36.90	2.71	36.48	2.74	36.14	2.77	35.07	2.83
	60	56	38.42	2.56	37.92	2.61	37.45	2.65	37.13	2.67	36.88	2.69	35.93	2.73
	63	59	38.53	2.54	38.11	2.58	37.78	2.62	37.52	2.63	37.32	2.64	36.45	2.67
	68	64	38.64	2.52	38.30	2.56	38.11	2.59	37.92	2.59	37.76	2.60	36.97	2.62

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

MULTI F ^{WITH LGRED°}
MULTI F MAX

Maximum Heating Capacity Tables

Table 37: KUMXA421A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	26.89	3.36	26.28	3.48	25.53	3.59	25.12	3.65	24.78	3.70	23.88	3.81
	-4	-4.4	30.44	3.50	29.76	3.61	28.91	3.73	28.43	3.79	28.06	3.84	27.04	3.96
	0	-0.4	32.37	3.54	31.65	3.66	30.74	3.77	30.24	3.84	29.84	3.89	28.75	4.01
	5	4.5	34.79	3.59	34.01	3.71	33.04	3.83	32.50	3.90	32.07	3.95	30.90	4.07
	10	9	36.40	3.51	35.59	3.62	34.57	3.74	34.01	3.80	33.56	3.85	32.34	3.97
	17	15	38.56	3.44	37.70	3.56	36.62	3.67	36.02	3.73	35.54	3.78	34.25	3.90
	20	19	38.69	3.34	37.83	3.45	36.75	3.56	36.15	3.62	35.67	3.67	34.37	3.78
	25	23	38.83	3.24	37.96	3.35	36.87	3.46	36.27	3.52	35.79	3.56	34.49	3.67
	30	28	38.99	3.12	38.12	3.22	37.03	3.33	36.43	3.38	35.94	3.43	34.64	3.53
	35	32	39.13	3.02	38.25	3.12	37.16	3.22	36.55	3.28	36.07	3.32	34.76	3.42
	40	36	39.26	2.92	38.39	3.02	37.29	3.11	36.68	3.17	36.19	3.21	34.88	3.31
	45	41	39.43	2.80	38.55	2.89	37.45	2.98	36.84	3.03	36.35	3.07	35.03	3.17
	47	43	39.50	2.75	38.62	2.84	37.51	2.93	36.90	2.98	36.41	3.02	35.09	3.11
	50	46	39.61	2.73	38.82	2.81	37.86	2.89	37.31	2.94	36.87	2.97	35.62	3.05
	55	51	39.81	2.70	39.15	2.77	38.43	2.83	37.98	2.87	37.63	2.89	36.52	2.95
28	60	56	40.00	2.67	39.48	2.72	39.00	2.77	38.66	2.80	38.39	2.81	37.41	2.86
	63	59	40.12	2.66	39.68	2.70	39.34	2.74	39.07	2.75	38.85	2.76	37.95	2.80
	68	64	40.23	2.64	39.88	2.67	39.68	2.70	39.48	2.71	39.32	2.72	38.49	2.74
	-13	-13.4	27.95	3.52	27.32	3.64	26.54	3.76	26.11	3.82	25.76	3.87	24.83	3.99
	-4	-4.4	31.64	3.66	30.93	3.78	30.05	3.90	29.56	3.97	29.17	4.02	28.11	4.14
	0	-0.4	33.65	3.70	32.90	3.83	31.96	3.95	31.44	4.02	31.02	4.07	29.89	4.19
	5	4.5	36.16	3.76	35.36	3.89	34.35	4.01	33.78	4.08	33.34	4.14	32.12	4.26
	10	9	37.84	3.67	37.00	3.79	35.94	3.91	35.35	3.98	34.88	4.03	33.62	4.16
	17	15	40.08	3.60	39.19	3.72	38.07	3.84	37.44	3.91	36.95	3.96	35.60	4.08
	20	19	40.22	3.50	39.32	3.62	38.20	3.73	37.58	3.79	37.08	3.85	35.73	3.96
	25	23	40.36	3.40	39.46	3.51	38.33	3.62	37.71	3.68	37.21	3.73	35.85	3.84
	30	28	40.54	3.27	39.63	3.37	38.50	3.48	37.87	3.54	37.37	3.59	36.01	3.70
	35	32	40.68	3.16	39.77	3.27	38.63	3.37	38.00	3.43	37.50	3.48	36.13	3.58
	40	36	40.82	3.06	39.90	3.16	38.76	3.26	38.13	3.32	37.62	3.36	36.26	3.46
	45	41	40.99	2.93	40.08	3.03	38.93	3.12	38.29	3.18	37.79	3.22	36.41	3.32
	47	43	41.06	2.88	40.14	2.97	39.00	3.07	38.36	3.12	37.85	3.16	36.47	3.26
29	50	46	41.18	2.86	40.35	2.94	39.35	3.03	38.78	3.08	38.33	3.11	37.03	3.20
	55	51	41.38	2.83	40.70	2.90	39.95	2.97	39.49	3.00	39.12	3.03	37.96	3.09
	60	56	41.58	2.80	41.04	2.85	40.54	2.90	40.19	2.93	39.91	2.94	38.89	2.99
	63	59	41.71	2.78	41.25	2.82	40.89	2.87	40.61	2.88	40.39	2.89	39.45	2.93
	68	64	41.83	2.76	41.46	2.80	41.25	2.83	41.04	2.84	40.87	2.84	40.02	2.87
	-13	-13.4	29.01	3.68	28.36	3.80	27.55	3.92	27.10	3.99	26.74	4.05	25.76	4.17
	-4	-4.4	32.84	3.82	32.10	3.95	31.19	4.08	30.68	4.15	30.27	4.20	29.17	4.33
	0	-0.4	34.92	3.87	34.14	4.00	33.17	4.13	32.63	4.20	32.19	4.26	31.02	4.38
	5	4.5	37.53	3.93	36.69	4.06	35.64	4.19	35.06	4.26	34.60	4.32	33.34	4.45
	10	9	39.27	3.83	38.40	3.96	37.30	4.09	36.69	4.16	36.20	4.21	34.89	4.34
	17	15	41.60	3.76	40.67	3.89	39.51	4.01	38.86	4.08	38.34	4.14	36.95	4.26
	20	19	41.74	3.66	40.81	3.78	39.64	3.90	39.00	3.97	38.48	4.02	37.08	4.14
	25	23	41.89	3.55	40.95	3.67	39.78	3.78	39.13	3.85	38.61	3.90	37.21	4.02
	30	28	42.07	3.41	41.13	3.53	39.95	3.64	39.30	3.70	38.78	3.75	37.37	3.86
	35	32	42.21	3.30	41.27	3.41	40.09	3.52	39.44	3.58	38.91	3.63	37.50	3.74
	40	36	42.36	3.20	41.41	3.30	40.23	3.41	39.57	3.47	39.05	3.51	37.63	3.62
	45	41	42.54	3.06	41.59	3.16	40.40	3.26	39.74	3.32	39.21	3.36	37.79	3.46
	47	43	42.61	3.01	41.66	3.11	40.47	3.20	39.81	3.26	39.28	3.30	37.85	3.40
	50	46	42.74	2.99	41.88	3.08	40.84	3.17	40.25	3.21	39.78	3.25	38.43	3.34
	55	51	42.95	2.96	42.24	3.03	41.46	3.10	40.98	3.14	40.60	3.16	39.40	3.23
	60	56	43.16	2.92	42.59	2.98	42.07	3.04	41.71	3.06	41.42	3.08	40.36	3.12
	63	59	43.28	2.91	42.81	2.95	42.44	3.00	42.15	3.01	41.92	3.02	40.94	3.06
	68	64	43.41	2.89	43.03	2.92	42.81	2.96	42.59	2.97	42.42	2.97	41.53	3.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 38: KUMXA421A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	30.07	3.85	29.40	3.98	28.56	4.11	28.09	4.18	27.72	4.23	26.71	4.36
	-4	-4.4	34.04	4.00	33.28	4.13	32.33	4.26	31.80	4.34	31.38	4.40	30.24	4.53
	0	-0.4	36.20	4.05	35.40	4.18	34.38	4.32	33.82	4.39	33.37	4.45	32.16	4.58
	5	4.5	38.91	4.11	38.04	4.25	36.95	4.38	36.35	4.46	35.86	4.52	34.56	4.66
	10	9	40.71	4.01	39.80	4.14	38.67	4.28	38.04	4.35	37.53	4.41	36.17	4.54
	17	15	43.12	3.94	42.16	4.07	40.95	4.20	40.29	4.27	39.75	4.33	38.30	4.46
	20	19	43.27	3.82	42.31	3.95	41.10	4.08	40.43	4.15	39.89	4.20	38.44	4.33
	25	23	43.42	3.71	42.45	3.83	41.24	3.96	40.57	4.02	40.03	4.08	38.57	4.20
	30	28	43.61	3.57	42.64	3.69	41.42	3.81	40.74	3.87	40.20	3.92	38.74	4.04
	35	32	43.76	3.46	42.78	3.57	41.56	3.68	40.88	3.75	40.34	3.80	38.87	3.91
	40	36	43.91	3.34	42.93	3.45	41.71	3.56	41.02	3.63	40.48	3.67	39.01	3.78
	45	41	44.10	3.20	43.12	3.31	41.88	3.41	41.20	3.47	40.65	3.52	39.17	3.62
	47	43	44.18	3.14	43.19	3.25	41.96	3.35	41.27	3.41	40.72	3.46	39.24	3.56
	50	46	44.31	3.12	43.41	3.22	42.34	3.31	41.72	3.36	41.23	3.40	39.84	3.49
	55	51	44.52	3.09	43.78	3.17	42.98	3.24	42.48	3.28	42.09	3.31	40.84	3.38
31	60	56	44.74	3.06	44.16	3.12	43.61	3.17	43.24	3.20	42.94	3.22	41.84	3.27
	63	59	44.87	3.04	44.38	3.09	44.00	3.13	43.70	3.15	43.45	3.16	42.44	3.20
	68	64	45.00	3.02	44.60	3.06	44.38	3.09	44.15	3.10	43.97	3.11	43.05	3.13
	-13	-13.4	31.13	4.01	30.43	4.14	29.56	4.27	29.08	4.35	28.69	4.41	27.65	4.54
	-4	-4.4	35.24	4.16	34.45	4.30	33.47	4.44	32.92	4.52	32.48	4.58	31.30	4.71
	0	-0.4	37.48	4.22	36.64	4.35	35.59	4.49	35.01	4.57	34.55	4.63	33.29	4.77
	5	4.5	40.27	4.28	39.37	4.42	38.25	4.56	37.62	4.64	37.12	4.70	35.77	4.85
	10	9	42.14	4.18	41.20	4.31	40.03	4.45	39.37	4.53	38.85	4.59	37.44	4.73
	17	15	44.64	4.10	43.64	4.24	42.39	4.37	41.70	4.45	41.15	4.51	39.65	4.64
	20	19	44.79	3.98	43.79	4.11	42.54	4.24	41.85	4.32	41.29	4.38	39.79	4.51
	25	23	44.95	3.86	43.95	3.99	42.69	4.12	41.99	4.19	41.43	4.25	39.93	4.37
	30	28	45.14	3.72	44.14	3.84	42.87	3.96	42.17	4.03	41.61	4.08	40.10	4.21
	35	32	45.30	3.60	44.29	3.72	43.02	3.84	42.32	3.90	41.76	3.95	40.24	4.07
	40	36	45.46	3.48	44.44	3.60	43.17	3.71	42.47	3.77	41.90	3.83	40.38	3.94
	45	41	45.65	3.33	44.63	3.44	43.36	3.55	42.65	3.61	42.08	3.66	40.55	3.77
	47	43	45.73	3.27	44.71	3.38	43.43	3.49	42.72	3.55	42.15	3.60	40.62	3.71
32	50	46	45.86	3.25	44.94	3.35	43.83	3.45	43.19	3.50	42.68	3.54	41.24	3.64
	55	51	46.09	3.22	45.32	3.30	44.49	3.38	43.98	3.41	43.57	3.45	42.28	3.52
	60	56	46.31	3.18	45.71	3.25	45.15	3.31	44.76	3.33	44.45	3.35	43.31	3.40
	63	59	46.45	3.16	45.94	3.21	45.54	3.26	45.23	3.28	44.98	3.29	43.94	3.33
	68	64	46.58	3.14	46.17	3.18	45.94	3.22	45.71	3.23	45.52	3.24	44.57	3.26
	-13	-13.4	32.19	4.18	31.47	4.32	30.57	4.45	30.07	4.53	29.67	4.59	28.59	4.73
	-4	-4.4	36.44	4.34	35.63	4.48	34.61	4.63	34.04	4.71	33.59	4.77	32.37	4.91
	0	-0.4	38.76	4.39	37.89	4.54	36.81	4.68	36.21	4.76	35.73	4.83	34.43	4.97
	5	4.5	41.65	4.46	40.72	4.61	39.56	4.76	38.91	4.84	38.39	4.90	37.00	5.05
	10	9	43.59	4.35	42.61	4.50	41.39	4.64	40.72	4.72	40.18	4.78	38.72	4.93
	17	15	46.16	4.27	45.13	4.41	43.84	4.56	43.13	4.63	42.55	4.70	41.01	4.84
	20	19	46.32	4.15	45.29	4.29	44.00	4.42	43.28	4.50	42.70	4.56	41.15	4.70
	25	23	46.49	4.03	45.45	4.16	44.15	4.29	43.43	4.37	42.85	4.43	41.29	4.56
	30	28	46.69	3.87	45.64	4.00	44.34	4.13	43.62	4.20	43.04	4.26	41.47	4.39
	35	32	46.85	3.75	45.80	3.87	44.49	4.00	43.77	4.07	43.18	4.12	41.61	4.25
	40	36	47.01	3.63	45.96	3.75	44.65	3.87	43.92	3.93	43.33	3.99	41.76	4.11
	45	41	47.21	3.47	46.16	3.59	44.84	3.70	44.10	3.77	43.52	3.82	41.94	3.93
	47	43	47.29	3.41	46.23	3.52	44.91	3.64	44.18	3.70	43.59	3.75	42.01	3.86
	50	46	47.43	3.39	46.47	3.49	45.32	3.59	44.67	3.65	44.14	3.69	42.65	3.79
	55	51	47.66	3.35	46.87	3.44	46.01	3.52	45.48	3.56	45.06	3.59	43.72	3.67
	60	56	47.89	3.32	47.27	3.38	46.69	3.44	46.29	3.47	45.97	3.49	44.79	3.55
	63	59	48.03	3.30	47.51	3.35	47.10	3.40	46.78	3.42	46.52	3.43	45.44	3.47
	68	64	48.17	3.28	47.75	3.32	47.51	3.36	47.27	3.37	47.07	3.37	46.09	3.40

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 39: KUMXA421A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	33.25	4.35	32.50	4.49	31.57	4.63	31.06	4.71	30.65	4.78	29.53	4.92
	-4	-4.4	37.64	4.52	36.80	4.66	35.75	4.81	35.16	4.90	34.69	4.96	33.43	5.11
	0	-0.4	40.03	4.57	39.13	4.72	38.02	4.87	37.40	4.96	36.90	5.03	35.56	5.18
	5	4.5	43.02	4.64	42.06	4.80	40.86	4.95	40.19	5.03	39.65	5.10	38.21	5.26
	10	9	45.02	4.53	44.01	4.68	42.75	4.83	42.05	4.91	41.49	4.98	39.99	5.13
	17	15	47.68	4.45	46.61	4.59	45.28	4.74	44.54	4.82	43.95	4.89	42.35	5.03
	20	19	47.85	4.32	46.78	4.46	45.44	4.60	44.70	4.68	44.10	4.75	42.50	4.89
	25	23	48.01	4.19	46.94	4.33	45.60	4.47	44.85	4.54	44.26	4.61	42.65	4.74
	30	28	48.22	4.03	47.14	4.16	45.80	4.30	45.05	4.37	44.45	4.43	42.83	4.56
	35	32	48.39	3.90	47.30	4.03	45.95	4.16	45.20	4.23	44.60	4.29	42.98	4.42
	40	36	48.55	3.77	47.47	3.90	46.11	4.02	45.36	4.09	44.76	4.15	43.13	4.27
	45	41	48.76	3.61	47.67	3.73	46.31	3.85	45.55	3.92	44.95	3.97	43.31	4.09
	47	43	48.84	3.55	47.75	3.67	46.39	3.78	45.63	3.85	45.02	3.90	43.39	4.02
	50	46	48.99	3.53	48.00	3.63	46.81	3.74	46.13	3.79	45.59	3.84	44.05	3.94
	55	51	49.23	3.49	48.41	3.58	47.52	3.66	46.97	3.70	46.53	3.74	45.16	3.82
34	60	56	49.47	3.45	48.82	3.52	48.22	3.58	47.81	3.61	47.48	3.63	46.26	3.69
	63	59	49.61	3.43	49.07	3.49	48.64	3.54	48.31	3.56	48.04	3.57	46.93	3.61
	68	64	49.75	3.41	49.32	3.45	49.07	3.49	48.82	3.50	48.62	3.51	47.60	3.54
	-13	-13.4	34.31	4.52	33.54	4.67	32.59	4.82	32.05	4.90	31.63	4.96	30.48	5.11
	-4	-4.4	38.84	4.69	37.97	4.85	36.89	5.00	36.29	5.09	35.80	5.16	34.50	5.31
	0	-0.4	41.31	4.75	40.39	4.91	39.23	5.06	38.59	5.15	38.08	5.22	36.69	5.38
	5	4.5	44.39	4.82	43.40	4.98	42.16	5.14	41.47	5.23	40.92	5.30	39.43	5.46
	10	9	46.46	4.70	45.42	4.86	44.12	5.02	43.40	5.10	42.82	5.17	41.27	5.33
	17	15	49.20	4.62	48.10	4.77	46.73	4.92	45.97	5.01	45.36	5.08	43.71	5.23
	20	19	49.38	4.49	48.27	4.63	46.89	4.78	46.13	4.87	45.51	4.93	43.86	5.08
	25	23	49.55	4.35	48.44	4.50	47.06	4.64	46.29	4.72	45.67	4.79	44.01	4.93
	30	28	49.76	4.19	48.65	4.33	47.26	4.46	46.49	4.54	45.87	4.60	44.20	4.74
	35	32	49.93	4.05	48.82	4.19	47.42	4.32	46.65	4.40	46.03	4.46	44.36	4.59
	40	36	50.11	3.92	48.99	4.05	47.59	4.18	46.81	4.25	46.19	4.31	44.51	4.44
	45	41	50.32	3.75	49.20	3.88	47.79	4.00	47.01	4.07	46.39	4.13	44.70	4.25
	47	43	50.41	3.69	49.28	3.81	47.87	3.93	47.09	4.00	46.46	4.05	44.77	4.18
35	50	46	50.55	3.67	49.53	3.77	48.31	3.88	47.61	3.94	47.05	3.99	45.46	4.10
	55	51	50.80	3.63	49.96	3.72	49.04	3.80	48.47	3.85	48.02	3.88	46.60	3.97
	60	56	51.05	3.59	50.38	3.66	49.76	3.72	49.34	3.75	49.00	3.77	47.74	3.83
	63	59	51.20	3.56	50.64	3.62	50.20	3.68	49.86	3.69	49.58	3.71	48.43	3.75
	68	64	51.34	3.54	50.89	3.59	50.64	3.63	50.38	3.64	50.17	3.65	49.13	3.68
	-13	-13.4	35.37	4.69	34.58	4.84	33.59	5.00	33.04	5.08	32.60	5.15	31.42	5.31
	-4	-4.4	40.04	4.87	39.14	5.03	38.03	5.19	37.40	5.28	36.91	5.35	35.57	5.51
	0	-0.4	42.58	4.93	41.63	5.09	40.44	5.25	39.78	5.34	39.25	5.42	37.82	5.58
	5	4.5	45.76	5.00	44.74	5.17	43.46	5.33	42.75	5.43	42.18	5.50	40.65	5.67
	10	9	47.89	4.88	46.82	5.04	45.48	5.20	44.74	5.29	44.14	5.37	42.54	5.53
	17	15	50.72	4.79	49.59	4.95	48.17	5.11	47.38	5.20	46.75	5.27	45.05	5.43
	20	19	50.90	4.65	49.76	4.81	48.34	4.96	47.55	5.05	46.92	5.12	45.21	5.27
	25	23	51.07	4.52	49.93	4.67	48.51	4.82	47.71	4.90	47.08	4.96	45.37	5.11
	30	28	51.29	4.34	50.15	4.49	48.72	4.63	47.92	4.71	47.28	4.77	45.56	4.92
	35	32	51.47	4.21	50.32	4.35	48.88	4.48	48.09	4.56	47.45	4.62	45.72	4.76
	40	36	51.65	4.07	50.49	4.20	49.05	4.34	48.25	4.41	47.61	4.47	45.88	4.61
	45	41	51.87	3.90	50.71	4.02	49.26	4.15	48.46	4.22	47.81	4.28	46.07	4.41
	47	43	51.96	3.83	50.80	3.95	49.35	4.08	48.54	4.15	47.89	4.21	46.15	4.33
	50	46	52.11	3.80	51.06	3.92	49.80	4.03	49.07	4.09	48.50	4.14	46.86	4.25
	55	51	52.37	3.76	51.50	3.86	50.55	3.95	49.97	3.99	49.50	4.03	48.04	4.11
	60	56	52.62	3.72	51.93	3.79	51.30	3.86	50.86	3.89	50.51	3.92	49.21	3.98
	63	59	52.77	3.70	52.20	3.76	51.75	3.81	51.39	3.83	51.11	3.85	49.92	3.89
	68	64	52.93	3.67	52.46	3.72	52.20	3.76	51.93	3.77	51.72	3.78	50.64	3.81

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 40: KUMXA421A Maximum Heating Capacity Table —Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	36.43	4.87	35.62	5.03	34.60	5.19	34.03	5.28	33.58	5.35	32.36	5.51
	-4	-4.4	41.24	5.05	40.32	5.22	39.17	5.39	38.53	5.48	38.02	5.56	36.63	5.72
	0	-0.4	43.86	5.12	42.88	5.29	41.66	5.46	40.98	5.55	40.43	5.63	38.96	5.79
	5	4.5	47.14	5.20	46.08	5.37	44.77	5.54	44.04	5.64	43.45	5.71	41.87	5.88
	10	9	49.33	5.07	48.22	5.24	46.85	5.40	46.08	5.50	45.47	5.57	43.82	5.74
	17	15	52.24	4.98	51.08	5.14	49.62	5.31	48.81	5.40	48.16	5.47	46.41	5.64
	20	19	52.43	4.83	51.26	4.99	49.79	5.15	48.98	5.24	48.33	5.31	46.57	5.47
	25	23	52.61	4.69	51.43	4.85	49.96	5.00	49.15	5.09	48.49	5.16	46.73	5.31
	30	28	52.84	4.51	51.66	4.66	50.18	4.81	49.36	4.89	48.71	4.96	46.93	5.11
	35	32	53.02	4.37	51.84	4.51	50.35	4.66	49.53	4.74	48.87	4.80	47.10	4.95
	40	36	53.20	4.23	52.01	4.36	50.53	4.50	49.70	4.58	49.04	4.64	47.26	4.78
	45	41	53.43	4.05	52.24	4.18	50.74	4.31	49.91	4.39	49.25	4.45	47.46	4.58
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
	63	59	54.36	3.84	53.77	3.90	53.30	3.96	52.94	3.98	52.65	4.00	51.42	4.04
	68	64	54.52	3.82	54.04	3.86	53.77	3.91	53.49	3.92	53.27	3.93	52.16	3.96
37	-13	-13.4	36.98	4.93	36.15	5.10	35.12	5.26	34.54	5.35	34.08	5.42	32.85	5.59
	-4	-4.4	41.86	5.13	40.93	5.29	39.76	5.46	39.11	5.56	38.59	5.63	37.18	5.80
	0	-0.4	44.52	5.19	43.53	5.36	42.28	5.53	41.59	5.63	41.04	5.70	39.55	5.88
	5	4.5	47.85	5.27	46.78	5.44	45.44	5.62	44.70	5.71	44.10	5.79	42.50	5.97
	10	9	50.07	5.14	48.95	5.31	47.55	5.48	46.77	5.57	46.15	5.65	44.47	5.82
	17	15	53.03	5.05	51.84	5.21	50.36	5.38	49.54	5.47	48.88	5.55	47.10	5.71
	20	19	53.21	4.90	52.02	5.06	50.54	5.23	49.71	5.32	49.05	5.39	47.27	5.55
	25	23	53.40	4.76	52.21	4.91	50.71	5.07	49.89	5.16	49.22	5.23	47.43	5.38
	30	28	53.63	4.57	52.43	4.73	50.93	4.88	50.10	4.96	49.44	5.03	47.64	5.18
	35	32	53.82	4.43	52.61	4.58	51.11	4.72	50.27	4.80	49.61	4.87	47.80	5.01
	40	36	54.00	4.28	52.79	4.43	51.29	4.57	50.45	4.65	49.78	4.71	47.97	4.85
	45	41	54.23	4.10	53.02	4.24	51.51	4.37	50.66	4.45	49.99	4.51	48.17	4.64
	47	43	54.32	4.03	53.11	4.16	51.59	4.30	50.75	4.37	50.08	4.43	48.25	4.56
	50	46	54.48	4.00	53.38	4.12	52.06	4.24	51.31	4.31	50.71	4.36	48.99	4.48
	55	51	54.75	3.96	53.84	4.06	52.85	4.16	52.24	4.20	51.76	4.24	50.22	4.33
	60	56	55.02	3.92	54.30	4.00	53.63	4.07	53.17	4.10	52.81	4.12	51.46	4.19
	63	59	55.18	3.89	54.57	3.96	54.10	4.02	53.73	4.04	53.44	4.05	52.19	4.10
	68	64	55.34	3.87	54.85	3.92	54.58	3.96	54.30	3.98	54.07	3.98	52.94	4.02
38	-13	-13.4	37.52	5.01	36.68	5.18	35.64	5.35	35.05	5.44	34.59	5.51	33.33	5.68
	-4	-4.4	42.48	5.21	41.53	5.38	40.34	5.55	39.69	5.65	39.16	5.72	37.73	5.90
	0	-0.4	45.18	5.27	44.17	5.45	42.91	5.62	42.21	5.72	41.65	5.80	40.13	5.97
	5	4.5	48.55	5.35	47.47	5.53	46.11	5.71	45.36	5.81	44.76	5.88	43.13	6.06
	10	9	50.81	5.22	49.67	5.39	48.25	5.57	47.46	5.66	46.83	5.74	45.13	5.91
	17	15	53.81	5.13	52.61	5.30	51.11	5.47	50.27	5.56	49.60	5.64	47.80	5.81
	20	19	54.00	4.98	52.79	5.14	51.29	5.31	50.45	5.40	49.78	5.47	47.97	5.64
	25	23	54.19	4.83	52.98	4.99	51.46	5.15	50.62	5.24	49.95	5.31	48.13	5.47
	30	28	54.42	4.65	53.21	4.80	51.69	4.95	50.84	5.04	50.17	5.11	48.34	5.26
	35	32	54.61	4.50	53.39	4.65	51.86	4.80	51.02	4.88	50.34	4.95	48.51	5.10
	40	36	54.80	4.35	53.57	4.50	52.04	4.64	51.19	4.72	50.51	4.78	48.68	4.93
	45	41	55.03	4.17	53.80	4.31	52.27	4.44	51.41	4.52	50.73	4.58	48.88	4.72
	47	43	55.13	4.09	53.90	4.23	52.36	4.36	51.50	4.44	50.82	4.50	48.97	4.64
	50	46	55.29	4.07	54.17	4.19	52.83	4.31	52.07	4.38	51.45	4.43	49.72	4.55
	55	51	55.56	4.03	54.64	4.12	53.63	4.22	53.01	4.27	52.52	4.31	50.97	4.40
	60	56	55.83	3.98	55.10	4.06	54.42	4.13	53.96	4.16	53.59	4.19	52.22	4.25
	63	59	55.99	3.96	55.38	4.02	54.90	4.08	54.53	4.10	54.23	4.12	52.97	4.17
	68	64	56.15	3.93	55.66	3.98	55.38	4.03	55.10	4.04	54.87	4.05	53.73	4.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 41: KUMXA421A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	38.07	5.08	37.22	5.25	36.16	5.42	35.56	5.51	35.09	5.59	33.82	5.75
	-4	-4.4	43.10	5.28	42.14	5.45	40.93	5.63	40.26	5.72	39.73	5.80	38.28	5.98
	0	-0.4	45.84	5.34	44.81	5.52	43.53	5.70	42.82	5.80	42.25	5.87	40.72	6.05
	5	4.5	49.26	5.43	48.16	5.61	46.78	5.78	46.02	5.88	45.41	5.96	43.76	6.14
	10	9	51.55	5.29	50.39	5.47	48.95	5.64	48.15	5.74	47.51	5.82	45.79	5.99
	17	15	54.60	5.20	53.38	5.37	51.85	5.54	51.00	5.64	50.33	5.71	48.50	5.88
	20	19	54.79	5.05	53.56	5.21	52.03	5.38	51.18	5.47	50.50	5.55	48.67	5.71
	25	23	54.98	4.90	53.75	5.06	52.21	5.22	51.36	5.31	50.68	5.38	48.83	5.55
	30	28	55.22	4.71	53.98	4.87	52.44	5.02	51.58	5.11	50.90	5.18	49.05	5.33
	35	32	55.41	4.56	54.17	4.71	52.62	4.86	51.76	4.95	51.07	5.01	49.22	5.16
	40	36	55.60	4.41	54.35	4.56	52.80	4.70	51.94	4.78	51.25	4.85	49.38	4.99
	45	41	55.83	4.22	54.59	4.36	53.03	4.50	52.16	4.58	51.47	4.64	49.60	4.78
	47	43	55.93	4.15	54.68	4.29	53.12	4.42	52.25	4.50	51.56	4.56	49.68	4.70
	50	46	56.09	4.12	54.96	4.25	53.60	4.37	52.83	4.44	52.20	4.49	50.44	4.61
	55	51	56.37	4.08	55.43	4.18	54.41	4.28	53.79	4.33	53.29	4.37	51.71	4.46
40	60	56	56.64	4.04	55.90	4.11	55.22	4.19	54.74	4.22	54.37	4.25	52.98	4.31
	63	59	56.81	4.01	56.19	4.07	55.70	4.14	55.32	4.16	55.02	4.17	53.74	4.22
	68	64	56.97	3.98	56.47	4.03	56.19	4.08	55.90	4.09	55.67	4.10	54.51	4.14
	-13	-13.4	38.62	5.16	37.75	5.33	36.67	5.50	36.08	5.60	35.60	5.67	34.30	5.84
	-4	-4.4	43.72	5.36	42.74	5.54	41.52	5.71	40.84	5.81	40.30	5.89	38.83	6.07
	0	-0.4	46.49	5.43	45.46	5.61	44.16	5.79	43.44	5.89	42.86	5.96	41.30	6.14
	5	4.5	49.97	5.51	48.85	5.69	47.45	5.87	46.68	5.98	46.06	6.06	44.38	6.24
	10	9	52.29	5.38	51.12	5.55	49.66	5.73	48.85	5.83	48.20	5.91	46.44	6.09
	17	15	55.38	5.28	54.14	5.45	52.60	5.63	51.74	5.72	51.05	5.80	49.19	5.98
	20	19	55.57	5.13	54.33	5.30	52.78	5.46	51.92	5.56	51.23	5.63	49.36	5.80
	25	23	55.77	4.97	54.52	5.14	52.96	5.30	52.10	5.39	51.40	5.47	49.54	5.63
	30	28	56.01	4.78	54.76	4.94	53.19	5.10	52.32	5.19	51.63	5.26	49.75	5.42
	35	32	56.20	4.63	54.95	4.78	53.38	4.94	52.50	5.02	51.81	5.09	49.92	5.24
	40	36	56.39	4.48	55.13	4.63	53.56	4.78	52.68	4.86	51.98	4.92	50.09	5.07
	45	41	56.64	4.29	55.37	4.43	53.79	4.57	52.91	4.65	52.21	4.72	50.31	4.86
	47	43	56.73	4.21	55.47	4.35	53.88	4.49	53.00	4.57	52.30	4.63	50.39	4.77
41	50	46	56.90	4.19	55.75	4.31	54.37	4.44	53.58	4.50	52.95	4.56	51.17	4.68
	55	51	57.18	4.14	56.23	4.25	55.19	4.35	54.56	4.40	54.05	4.44	52.45	4.53
	60	56	57.46	4.10	56.71	4.18	56.01	4.25	55.53	4.29	55.15	4.31	53.74	4.38
	63	59	57.62	4.07	56.99	4.14	56.50	4.20	56.11	4.22	55.81	4.24	54.51	4.29
	68	64	57.79	4.05	57.28	4.10	57.00	4.15	56.70	4.16	56.47	4.17	55.29	4.20
	-13	-13.4	39.16	5.23	38.29	5.40	37.19	5.57	36.59	5.67	36.10	5.75	34.79	5.92
	-4	-4.4	44.34	5.43	43.35	5.61	42.11	5.79	41.42	5.89	40.87	5.97	39.38	6.15
	0	-0.4	47.15	5.50	46.10	5.68	44.78	5.86	44.05	5.96	43.46	6.04	41.88	6.22
	5	4.5	50.67	5.58	49.54	5.77	48.13	5.95	47.34	6.05	46.71	6.14	45.01	6.32
	10	9	53.03	5.45	51.84	5.63	50.36	5.81	49.54	5.91	48.88	5.99	47.10	6.17
	17	15	56.16	5.35	54.91	5.52	53.34	5.70	52.47	5.80	51.77	5.88	49.89	6.05
	20	19	56.36	5.19	55.10	5.36	53.53	5.54	52.65	5.63	51.95	5.71	50.06	5.88
	25	23	56.56	5.04	55.29	5.21	53.71	5.37	52.83	5.46	52.13	5.54	50.24	5.71
	30	28	56.80	4.85	55.53	5.01	53.94	5.17	53.06	5.26	52.36	5.33	50.45	5.49
	35	32	57.00	4.69	55.72	4.85	54.13	5.00	53.25	5.09	52.54	5.16	50.63	5.31
	40	36	57.19	4.54	55.91	4.69	54.32	4.84	53.43	4.92	52.72	4.99	50.80	5.14
	45	41	57.44	4.35	56.15	4.49	54.55	4.63	53.66	4.71	52.95	4.78	51.02	4.92
	47	43	57.54	4.27	56.25	4.41	54.64	4.55	53.75	4.63	53.04	4.69	51.11	4.83
	50	46	57.70	4.24	56.54	4.37	55.14	4.50	54.34	4.56	53.70	4.62	51.89	4.74
	55	51	57.99	4.20	57.02	4.30	55.97	4.40	55.33	4.45	54.82	4.49	53.19	4.59
	60	56	58.27	4.15	57.51	4.23	56.80	4.31	56.32	4.34	55.93	4.37	54.50	4.44
	63	59	58.44	4.13	57.80	4.19	57.30	4.26	56.91	4.28	56.59	4.29	55.28	4.35
	68	64	58.61	4.10	58.09	4.15	57.80	4.20	57.51	4.21	57.27	4.22	56.07	4.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 42: KUMXA421A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32
43	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32
44	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 43: KUMXA421A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
46	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32
	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
47	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32
	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 44: KUMXA421A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
49	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32
	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
50	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32
	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F ^{WITH LGRED°}
MULTI F MAX

Table 45: KUMXA421A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
51	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32
52	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32
53	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 46: KUMXA421A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
55	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32
	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
56	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32
	-13	-13.4	39.71	5.31	38.82	5.48	37.71	5.66	37.10	5.76	36.60	5.83	35.27	6.01
	-4	-4.4	44.95	5.51	43.95	5.69	42.69	5.88	42.00	5.98	41.44	6.06	39.93	6.24
	0	-0.4	47.81	5.58	46.74	5.77	45.41	5.95	44.66	6.05	44.07	6.13	42.47	6.32
	5	4.5	51.38	5.67	50.23	5.85	48.80	6.04	48.00	6.15	47.36	6.23	45.64	6.42
	10	9	53.77	5.53	52.56	5.71	51.06	5.89	50.23	6.00	49.56	6.08	47.76	6.26
	17	15	56.95	5.43	55.67	5.61	54.08	5.79	53.20	5.89	52.49	5.97	50.58	6.15
	20	19	57.15	5.27	55.87	5.45	54.27	5.62	53.39	5.72	52.68	5.79	50.76	5.97
	25	23	57.34	5.12	56.06	5.28	54.46	5.45	53.57	5.55	52.86	5.62	50.94	5.79
	30	28	57.59	4.92	56.31	5.08	54.70	5.25	53.80	5.34	53.09	5.41	51.16	5.57
	35	32	57.79	4.76	56.50	4.92	54.89	5.08	53.99	5.17	53.27	5.24	51.33	5.39
	40	36	57.99	4.61	56.69	4.76	55.07	4.91	54.18	5.00	53.46	5.06	51.51	5.22
	45	41	58.24	4.41	56.94	4.56	55.31	4.70	54.41	4.78	53.68	4.85	51.73	5.00
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 47: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	17.34	2.12	16.95	2.19	16.47	2.26	16.20	2.30	15.98	2.33	15.40	2.40
	-4	-4.4	19.63	2.20	19.19	2.28	18.64	2.35	18.34	2.39	18.10	2.42	17.44	2.49
	0	-0.4	20.88	2.23	20.41	2.31	19.83	2.38	19.51	2.42	19.25	2.46	18.55	2.53
	5	4.5	22.44	2.27	21.94	2.35	21.31	2.42	20.96	2.47	20.68	2.50	19.93	2.57
	10	9	23.48	2.22	22.95	2.29	22.30	2.37	21.93	2.41	21.64	2.44	20.86	2.52
	17	15	24.87	2.18	24.31	2.26	23.62	2.33	23.23	2.37	22.92	2.40	22.09	2.47
	20	19	24.96	2.12	24.40	2.19	23.70	2.26	23.31	2.30	23.00	2.33	22.17	2.40
	25	23	25.04	2.06	24.48	2.13	23.78	2.20	23.39	2.23	23.08	2.26	22.24	2.33
	30	28	25.15	1.98	24.59	2.05	23.89	2.11	23.50	2.15	23.18	2.18	22.34	2.25
	35	32	25.24	1.92	24.67	1.99	23.97	2.05	23.58	2.08	23.26	2.11	22.42	2.18
	40	36	25.32	1.86	24.76	1.92	24.05	1.98	23.66	2.02	23.34	2.04	22.49	2.11
	45	41	25.43	1.78	24.86	1.84	24.15	1.90	23.76	1.93	23.44	1.96	22.59	2.02
	47	43	25.48	1.75	24.91	1.81	24.20	1.87	23.80	1.90	23.48	1.93	22.63	1.98
	50	46	25.55	1.74	25.04	1.79	24.42	1.85	24.06	1.87	23.78	1.90	22.98	1.95
	55	51	25.68	1.72	25.25	1.77	24.78	1.81	24.50	1.83	24.27	1.84	23.55	1.88
	60	56	25.80	1.70	25.46	1.74	25.15	1.77	24.94	1.78	24.76	1.79	24.13	1.82
	63	59	25.88	1.69	25.59	1.72	25.37	1.75	25.20	1.76	25.06	1.76	24.48	1.78
	68	64	25.95	1.68	25.72	1.70	25.59	1.72	25.46	1.73	25.36	1.73	24.83	1.75
19	-13	-13.4	18.40	2.26	17.99	2.33	17.48	2.41	17.19	2.45	16.97	2.48	16.35	2.55
	-4	-4.4	20.84	2.34	20.37	2.42	19.79	2.50	19.46	2.54	19.21	2.57	18.51	2.65
	0	-0.4	22.16	2.38	21.66	2.45	21.05	2.53	20.70	2.58	20.43	2.61	19.68	2.69
	5	4.5	23.81	2.42	23.28	2.50	22.62	2.58	22.25	2.62	21.95	2.66	21.15	2.74
	10	9	24.92	2.36	24.36	2.44	23.67	2.52	23.28	2.56	22.97	2.60	22.14	2.67
	17	15	26.39	2.32	25.80	2.40	25.07	2.47	24.66	2.52	24.33	2.55	23.45	2.63
	20	19	26.49	2.26	25.89	2.33	25.15	2.41	24.74	2.45	24.41	2.48	23.53	2.55
	25	23	26.58	2.19	25.98	2.26	25.24	2.34	24.83	2.38	24.50	2.41	23.61	2.48
	30	28	26.69	2.11	26.10	2.18	25.35	2.25	24.94	2.29	24.61	2.32	23.71	2.39
	35	32	26.79	2.04	26.19	2.11	25.44	2.18	25.02	2.22	24.69	2.25	23.79	2.31
	40	36	26.88	1.98	26.28	2.04	25.53	2.11	25.11	2.14	24.78	2.17	23.87	2.24
	45	41	26.99	1.90	26.39	1.96	25.64	2.02	25.22	2.06	24.88	2.08	23.98	2.15
	47	43	27.04	1.86	26.43	1.92	25.68	1.99	25.26	2.02	24.92	2.05	24.02	2.11
	50	46	27.12	1.85	26.57	1.91	25.91	1.96	25.54	1.99	25.24	2.01	24.39	2.07
	55	51	27.25	1.83	26.80	1.88	26.30	1.92	26.00	1.94	25.76	1.96	25.00	2.00
	60	56	27.38	1.81	27.03	1.85	26.69	1.88	26.47	1.89	26.28	1.91	25.61	1.94
	63	59	27.46	1.80	27.16	1.83	26.93	1.86	26.74	1.87	26.60	1.87	25.98	1.90
	68	64	27.54	1.79	27.30	1.81	27.16	1.83	27.03	1.84	26.91	1.84	26.35	1.86
20	-13	-13.4	19.46	2.40	19.03	2.48	18.48	2.56	18.18	2.60	17.94	2.64	17.29	2.72
	-4	-4.4	22.03	2.49	21.54	2.58	20.92	2.66	20.58	2.70	20.31	2.74	19.57	2.82
	0	-0.4	23.43	2.53	22.91	2.61	22.25	2.70	21.89	2.74	21.60	2.78	20.81	2.86
	5	4.5	25.18	2.57	24.62	2.66	23.92	2.74	23.52	2.79	23.21	2.83	22.37	2.91
	10	9	26.35	2.51	25.76	2.60	25.03	2.68	24.62	2.73	24.29	2.76	23.41	2.85
	17	15	27.91	2.47	27.29	2.55	26.51	2.63	26.07	2.68	25.73	2.72	24.79	2.80
	20	19	28.01	2.40	27.38	2.48	26.60	2.56	26.16	2.60	25.82	2.64	24.88	2.72
	25	23	28.10	2.33	27.48	2.41	26.69	2.49	26.25	2.53	25.91	2.56	24.96	2.64
	30	28	28.23	2.24	27.60	2.32	26.81	2.39	26.37	2.43	26.02	2.47	25.07	2.54
	35	32	28.32	2.17	27.69	2.25	26.90	2.32	26.46	2.36	26.11	2.39	25.16	2.46
	40	36	28.42	2.10	27.79	2.17	26.99	2.24	26.55	2.28	26.20	2.31	25.25	2.38
	45	41	28.54	2.02	27.90	2.08	27.11	2.15	26.66	2.19	26.31	2.22	25.35	2.28
	47	43	28.59	1.98	27.95	2.05	27.15	2.11	26.71	2.15	26.36	2.18	25.40	2.24
	50	46	28.68	1.97	28.10	2.03	27.40	2.09	27.00	2.12	26.69	2.14	25.79	2.20
	55	51	28.82	1.95	28.34	2.00	27.81	2.04	27.49	2.07	27.24	2.09	26.43	2.13
	60	56	28.96	1.93	28.58	1.97	28.23	2.00	27.99	2.02	27.79	2.03	27.08	2.06
	63	59	29.04	1.92	28.72	1.95	28.47	1.98	28.28	1.99	28.12	1.99	27.47	2.02
	68	64	29.12	1.90	28.87	1.93	28.72	1.95	28.58	1.96	28.46	1.96	27.86	1.98

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 48: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	20.52	2.55	20.07	2.63	19.49	2.71	19.17	2.76	18.92	2.80	18.23	2.88
	-4	-4.4	23.24	2.64	22.72	2.73	22.07	2.82	21.71	2.87	21.42	2.91	20.64	2.99
	0	-0.4	24.71	2.68	24.16	2.77	23.47	2.86	23.09	2.91	22.78	2.95	21.95	3.04
	5	4.5	26.56	2.73	25.96	2.82	25.22	2.91	24.81	2.96	24.48	3.00	23.59	3.09
	10	9	27.79	2.67	27.17	2.75	26.39	2.84	25.96	2.89	25.62	2.93	24.69	3.02
	17	15	29.43	2.62	28.78	2.71	27.95	2.79	27.50	2.84	27.13	2.88	26.15	2.97
	20	19	29.54	2.55	28.88	2.63	28.05	2.71	27.59	2.76	27.23	2.80	26.24	2.88
	25	23	29.64	2.47	28.98	2.55	28.15	2.64	27.69	2.68	27.32	2.72	26.33	2.80
	30	28	29.77	2.38	29.10	2.46	28.27	2.54	27.81	2.58	27.44	2.62	26.44	2.69
	35	32	29.87	2.31	29.20	2.38	28.37	2.46	27.91	2.50	27.54	2.53	26.53	2.61
	40	36	29.97	2.23	29.30	2.31	28.47	2.38	28.00	2.42	27.63	2.45	26.63	2.53
	45	41	30.10	2.14	29.43	2.21	28.59	2.28	28.12	2.32	27.75	2.35	26.74	2.42
	47	43	30.15	2.10	29.48	2.17	28.64	2.24	28.17	2.28	27.80	2.31	26.78	2.38
	50	46	30.24	2.09	29.63	2.15	28.90	2.21	28.48	2.25	28.15	2.27	27.19	2.34
	55	51	30.39	2.07	29.89	2.12	29.33	2.17	29.00	2.19	28.73	2.21	27.88	2.26
	60	56	30.54	2.04	30.14	2.08	29.77	2.12	29.51	2.14	29.31	2.15	28.56	2.18
	63	59	30.63	2.03	30.29	2.06	30.03	2.10	29.83	2.11	29.66	2.11	28.97	2.14
	68	64	30.72	2.02	30.45	2.04	30.29	2.07	30.14	2.07	30.01	2.08	29.39	2.10
22	-13	-13.4	21.58	2.69	21.10	2.78	20.50	2.87	20.16	2.92	19.89	2.96	19.17	3.05
	-4	-4.4	24.43	2.79	23.89	2.89	23.20	2.98	22.82	3.03	22.52	3.07	21.70	3.16
	0	-0.4	25.98	2.83	25.40	2.93	24.68	3.02	24.27	3.07	23.95	3.12	23.08	3.21
	5	4.5	27.92	2.88	27.30	2.98	26.52	3.07	26.09	3.13	25.74	3.17	24.80	3.27
	10	9	29.22	2.82	28.57	2.91	27.75	3.00	27.30	3.06	26.94	3.10	25.96	3.19
	17	15	30.95	2.77	30.26	2.86	29.39	2.95	28.91	3.00	28.53	3.04	27.49	3.14
	20	19	31.06	2.69	30.36	2.78	29.50	2.87	29.01	2.92	28.63	2.96	27.59	3.05
	25	23	31.17	2.61	30.47	2.70	29.60	2.79	29.12	2.83	28.73	2.87	27.68	2.96
	30	28	31.30	2.52	30.60	2.60	29.73	2.68	29.24	2.73	28.85	2.76	27.80	2.85
	35	32	31.41	2.44	30.71	2.52	29.83	2.60	29.34	2.64	28.95	2.68	27.90	2.76
	40	36	31.52	2.36	30.81	2.44	29.93	2.52	29.44	2.56	29.05	2.59	28.00	2.67
	45	41	31.65	2.26	30.94	2.34	30.06	2.41	29.57	2.45	29.18	2.49	28.12	2.56
	47	43	31.71	2.22	31.00	2.30	30.11	2.37	29.62	2.41	29.23	2.44	28.16	2.52
	50	46	31.80	2.21	31.16	2.27	30.39	2.34	29.95	2.38	29.59	2.40	28.59	2.47
	55	51	31.95	2.18	31.42	2.24	30.84	2.29	30.49	2.32	30.21	2.34	29.31	2.39
	60	56	32.11	2.16	31.69	2.20	31.30	2.24	31.03	2.26	30.82	2.27	30.03	2.31
	63	59	32.20	2.15	31.85	2.18	31.58	2.21	31.36	2.23	31.19	2.24	30.46	2.26
	68	64	32.30	2.13	32.01	2.16	31.85	2.19	31.69	2.19	31.56	2.20	30.90	2.22
23	-13	-13.4	22.65	2.84	22.14	2.93	21.51	3.02	21.16	3.08	20.87	3.12	20.11	3.21
	-4	-4.4	25.64	2.95	25.06	3.04	24.35	3.14	23.95	3.19	23.63	3.24	22.77	3.33
	0	-0.4	27.27	2.99	26.66	3.09	25.89	3.18	25.47	3.24	25.13	3.28	24.22	3.38
	5	4.5	29.30	3.04	28.65	3.14	27.83	3.24	27.37	3.30	27.01	3.34	26.03	3.44
	10	9	30.66	2.97	29.98	3.07	29.12	3.17	28.64	3.22	28.26	3.26	27.24	3.36
	17	15	32.48	2.92	31.75	3.02	30.84	3.11	30.34	3.17	29.94	3.21	28.85	3.31
	20	19	32.59	2.84	31.86	2.93	30.95	3.02	30.44	3.08	30.04	3.12	28.95	3.21
	25	23	32.70	2.75	31.97	2.85	31.06	2.94	30.55	2.99	30.14	3.03	29.05	3.12
	30	28	32.84	2.65	32.11	2.74	31.19	2.83	30.68	2.88	30.28	2.91	29.17	3.00
	35	32	32.96	2.57	32.22	2.65	31.30	2.74	30.79	2.79	30.38	2.82	29.27	2.91
	40	36	33.07	2.49	32.33	2.57	31.41	2.65	30.89	2.70	30.48	2.73	29.38	2.82
	45	41	33.21	2.38	32.47	2.46	31.54	2.54	31.03	2.58	30.61	2.62	29.50	2.70
	47	43	33.27	2.34	32.53	2.42	31.60	2.50	31.08	2.54	30.67	2.57	29.55	2.65
	50	46	33.37	2.33	32.69	2.40	31.88	2.47	31.42	2.50	31.05	2.53	30.00	2.60
	55	51	33.53	2.30	32.97	2.36	32.36	2.42	31.99	2.44	31.70	2.47	30.76	2.52
	60	56	33.69	2.28	33.25	2.32	32.84	2.36	32.56	2.38	32.34	2.40	31.51	2.43
	63	59	33.79	2.26	33.42	2.30	33.13	2.33	32.91	2.35	32.72	2.36	31.96	2.38
	68	64	33.89	2.25	33.59	2.28	33.42	2.30	33.25	2.31	33.12	2.32	32.42	2.33

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 49: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	23.70	2.98	23.17	3.08	22.51	3.18	22.14	3.23	21.85	3.28	21.05	3.38
	-4	-4.4	26.83	3.10	26.23	3.20	25.48	3.30	25.07	3.36	24.73	3.40	23.83	3.51
	0	-0.4	28.54	3.14	27.90	3.24	27.10	3.35	26.66	3.41	26.31	3.45	25.35	3.56
	5	4.5	30.67	3.20	29.98	3.30	29.13	3.41	28.65	3.47	28.27	3.51	27.24	3.62
	10	9	32.09	3.12	31.37	3.22	30.48	3.33	29.98	3.39	29.58	3.43	28.51	3.53
	17	15	33.99	3.07	33.23	3.17	32.28	3.27	31.75	3.33	31.33	3.37	30.19	3.47
	20	19	34.11	2.98	33.35	3.08	32.39	3.18	31.86	3.23	31.44	3.28	30.30	3.38
	25	23	34.23	2.90	33.46	2.99	32.51	3.09	31.98	3.14	31.55	3.18	30.40	3.28
	30	28	34.38	2.79	33.61	2.88	32.65	2.97	32.11	3.02	31.69	3.06	30.54	3.16
	35	32	34.49	2.70	33.72	2.79	32.76	2.88	32.23	2.93	31.80	2.97	30.64	3.06
	40	36	34.61	2.61	33.84	2.70	32.87	2.79	32.34	2.83	31.91	2.87	30.75	2.96
	45	41	34.76	2.51	33.99	2.59	33.01	2.67	32.47	2.72	32.04	2.75	30.88	2.84
	47	43	34.82	2.46	34.04	2.54	33.07	2.62	32.53	2.67	32.10	2.71	30.93	2.79
	50	46	34.92	2.45	34.22	2.52	33.37	2.59	32.89	2.63	32.50	2.66	31.40	2.73
	55	51	35.09	2.42	34.51	2.48	33.87	2.54	33.49	2.57	33.17	2.59	32.19	2.65
	60	56	35.26	2.39	34.81	2.44	34.38	2.49	34.08	2.50	33.85	2.52	32.98	2.56
	63	59	35.37	2.38	34.98	2.42	34.68	2.45	34.44	2.47	34.25	2.48	33.46	2.51
	68	64	35.47	2.36	35.16	2.39	34.98	2.42	34.80	2.43	34.66	2.43	33.94	2.45
25	-13	-13.4	24.77	3.13	24.21	3.23	23.52	3.33	23.14	3.39	22.83	3.44	22.00	3.54
	-4	-4.4	28.04	3.25	27.41	3.35	26.63	3.46	26.19	3.52	25.84	3.57	24.90	3.68
	0	-0.4	29.82	3.29	29.15	3.40	28.32	3.51	27.86	3.57	27.49	3.62	26.49	3.73
	5	4.5	32.04	3.35	31.33	3.46	30.43	3.57	29.94	3.63	29.54	3.68	28.46	3.79
	10	9	33.53	3.27	32.78	3.38	31.85	3.49	31.33	3.55	30.91	3.60	29.79	3.71
	17	15	35.52	3.22	34.72	3.32	33.73	3.43	33.18	3.49	32.74	3.54	31.55	3.64
	20	19	35.64	3.13	34.84	3.23	33.85	3.33	33.30	3.39	32.85	3.44	31.66	3.54
	25	23	35.76	3.04	34.96	3.14	33.97	3.24	33.41	3.29	32.97	3.34	31.77	3.44
	30	28	35.92	2.92	35.12	3.02	34.11	3.12	33.56	3.17	33.11	3.21	31.91	3.31
	35	32	36.04	2.83	35.24	2.93	34.23	3.02	33.67	3.07	33.22	3.11	32.02	3.21
	40	36	36.17	2.74	35.36	2.83	34.35	2.92	33.79	2.97	33.34	3.01	32.13	3.10
	45	41	36.32	2.63	35.51	2.71	34.50	2.80	33.93	2.85	33.48	2.89	32.26	2.97
	47	43	36.38	2.58	35.57	2.67	34.55	2.75	33.99	2.80	33.54	2.84	32.32	2.92
	50	46	36.49	2.57	35.75	2.64	34.87	2.72	34.36	2.76	33.96	2.79	32.81	2.87
	55	51	36.67	2.54	36.06	2.60	35.39	2.66	34.99	2.69	34.66	2.72	33.64	2.78
	60	56	36.85	2.51	36.37	2.56	35.92	2.61	35.61	2.63	35.37	2.64	34.46	2.68
	63	59	36.95	2.50	36.55	2.54	36.24	2.57	35.99	2.59	35.79	2.60	34.96	2.63
	68	64	37.06	2.48	36.74	2.51	36.55	2.54	36.37	2.55	36.22	2.55	35.46	2.57
26	-13	-13.4	25.82	3.28	25.24	3.39	24.52	3.50	24.12	3.56	23.80	3.61	22.94	3.72
	-4	-4.4	29.23	3.41	28.58	3.52	27.76	3.63	27.31	3.70	26.95	3.75	25.97	3.86
	0	-0.4	31.09	3.46	30.40	3.57	29.53	3.69	29.04	3.75	28.66	3.80	27.62	3.91
	5	4.5	33.41	3.52	32.66	3.63	31.73	3.75	31.21	3.82	30.80	3.87	29.68	3.98
	10	9	34.96	3.44	34.18	3.55	33.20	3.66	32.66	3.73	32.23	3.78	31.06	3.89
	17	15	37.03	3.38	36.20	3.49	35.17	3.60	34.59	3.66	34.13	3.71	32.89	3.83
	20	19	37.16	3.28	36.33	3.39	35.29	3.50	34.72	3.56	34.25	3.61	33.01	3.72
	25	23	37.29	3.19	36.46	3.29	35.41	3.40	34.84	3.46	34.37	3.50	33.12	3.61
	30	28	37.45	3.07	36.61	3.17	35.57	3.27	34.99	3.33	34.52	3.37	33.27	3.47
	35	32	37.58	2.97	36.74	3.07	35.69	3.17	35.11	3.22	34.64	3.27	33.38	3.37
	40	36	37.71	2.88	36.87	2.97	35.81	3.07	35.23	3.12	34.76	3.16	33.50	3.26
	45	41	37.87	2.76	37.03	2.85	35.97	2.94	35.38	2.99	34.91	3.03	33.64	3.12
	47	43	37.94	2.71	37.09	2.80	36.03	2.89	35.44	2.94	34.97	2.98	33.70	3.07
	50	46	38.05	2.69	37.28	2.77	36.36	2.85	35.83	2.90	35.41	2.93	34.21	3.01
	55	51	38.23	2.67	37.60	2.73	36.90	2.80	36.48	2.83	36.14	2.85	35.07	2.91
	60	56	38.42	2.64	37.92	2.69	37.45	2.74	37.13	2.76	36.88	2.77	35.93	2.82
	63	59	38.53	2.62	38.11	2.66	37.78	2.70	37.52	2.72	37.32	2.73	36.45	2.76
	68	64	38.64	2.60	38.30	2.64	38.11	2.67	37.92	2.67	37.76	2.68	36.97	2.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 50: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	26.89	3.43	26.28	3.54	25.53	3.66	25.12	3.72	24.78	3.77	23.88	3.88
	-4	-4.4	30.44	3.56	29.76	3.68	28.91	3.80	28.43	3.86	28.06	3.91	27.04	4.03
	0	-0.4	32.37	3.61	31.65	3.73	30.74	3.85	30.24	3.92	29.84	3.97	28.75	4.09
	5	4.5	34.79	3.67	34.01	3.80	33.04	3.92	32.50	3.98	32.07	4.04	30.90	4.16
	10	9	36.40	3.59	35.59	3.71	34.57	3.83	34.01	3.89	33.56	3.95	32.34	4.06
	17	15	38.56	3.53	37.70	3.64	36.62	3.76	36.02	3.83	35.54	3.88	34.25	3.99
	20	19	38.69	3.43	37.83	3.54	36.75	3.66	36.15	3.72	35.67	3.77	34.37	3.88
	25	23	38.83	3.33	37.96	3.44	36.87	3.55	36.27	3.61	35.79	3.66	34.49	3.77
	30	28	38.99	3.20	38.12	3.31	37.03	3.42	36.43	3.48	35.94	3.52	34.64	3.63
	35	32	39.13	3.10	38.25	3.21	37.16	3.31	36.55	3.37	36.07	3.41	34.76	3.52
	40	36	39.26	3.01	38.39	3.10	37.29	3.20	36.68	3.26	36.19	3.30	34.88	3.40
	45	41	39.43	2.88	38.55	2.98	37.45	3.07	36.84	3.12	36.35	3.17	35.03	3.26
	47	43	39.50	2.83	38.62	2.92	37.51	3.02	36.90	3.07	36.41	3.11	35.09	3.21
	50	46	39.61	2.81	38.82	2.90	37.86	2.98	37.31	3.03	36.87	3.06	35.62	3.14
	55	51	39.81	2.78	39.15	2.85	38.43	2.92	37.98	2.95	37.63	2.98	36.52	3.04
	60	56	40.00	2.75	39.48	2.81	39.00	2.86	38.66	2.88	38.39	2.90	37.41	2.94
28	63	59	40.12	2.74	39.68	2.78	39.34	2.82	39.07	2.84	38.85	2.85	37.95	2.88
	68	64	40.23	2.72	39.88	2.75	39.68	2.79	39.48	2.79	39.32	2.80	38.49	2.82
	-13	-13.4	27.95	3.59	27.32	3.70	26.54	3.82	26.11	3.89	25.76	3.94	24.83	4.06
	-4	-4.4	31.64	3.72	30.93	3.85	30.05	3.97	29.56	4.04	29.17	4.09	28.11	4.21
	0	-0.4	33.65	3.78	32.90	3.90	31.96	4.02	31.44	4.09	31.02	4.15	29.89	4.27
	5	4.5	36.16	3.84	35.36	3.97	34.35	4.10	33.78	4.17	33.34	4.22	32.12	4.35
	10	9	37.84	3.75	37.00	3.88	35.94	4.00	35.35	4.07	34.88	4.13	33.62	4.25
	17	15	40.08	3.69	39.19	3.81	38.07	3.93	37.44	4.00	36.95	4.05	35.60	4.18
	20	19	40.22	3.58	39.32	3.70	38.20	3.82	37.58	3.89	37.08	3.94	35.73	4.06
	25	23	40.36	3.48	39.46	3.60	38.33	3.71	37.71	3.77	37.21	3.83	35.85	3.94
	30	28	40.54	3.35	39.63	3.46	38.50	3.57	37.87	3.63	37.37	3.68	36.01	3.79
	35	32	40.68	3.25	39.77	3.35	38.63	3.46	38.00	3.52	37.50	3.57	36.13	3.68
	40	36	40.82	3.14	39.90	3.25	38.76	3.35	38.13	3.41	37.62	3.45	36.26	3.56
	45	41	40.99	3.01	40.08	3.11	38.93	3.21	38.29	3.27	37.79	3.31	36.41	3.41
	47	43	41.06	2.96	40.14	3.06	39.00	3.16	38.36	3.21	37.85	3.25	36.47	3.35
	50	46	41.18	2.94	40.35	3.03	39.35	3.12	38.78	3.16	38.33	3.20	37.03	3.29
	55	51	41.38	2.91	40.70	2.98	39.95	3.05	39.49	3.09	39.12	3.12	37.96	3.18
29	60	56	41.58	2.88	41.04	2.93	40.54	2.99	40.19	3.01	39.91	3.03	38.89	3.08
	63	59	41.71	2.86	41.25	2.91	40.89	2.95	40.61	2.97	40.39	2.98	39.45	3.01
	68	64	41.83	2.84	41.46	2.88	41.25	2.91	41.04	2.92	40.87	2.93	40.02	2.95
	-13	-13.4	29.01	3.74	28.36	3.87	27.55	3.99	27.10	4.06	26.74	4.11	25.76	4.24
	-4	-4.4	32.84	3.88	32.10	4.01	31.19	4.14	30.68	4.21	30.27	4.27	29.17	4.40
	0	-0.4	34.92	3.94	34.14	4.07	33.17	4.20	32.63	4.27	32.19	4.33	31.02	4.46
	5	4.5	37.53	4.01	36.69	4.14	35.64	4.27	35.06	4.35	34.60	4.41	33.34	4.54
	10	9	39.27	3.92	38.40	4.05	37.30	4.18	36.69	4.25	36.20	4.31	34.89	4.43
	17	15	41.60	3.85	40.67	3.98	39.51	4.10	38.86	4.18	38.34	4.23	36.95	4.36
	20	19	41.74	3.74	40.81	3.86	39.64	3.99	39.00	4.06	38.48	4.11	37.08	4.24
	25	23	41.89	3.63	40.95	3.75	39.78	3.87	39.13	3.94	38.61	3.99	37.21	4.11
	30	28	42.07	3.50	41.13	3.61	39.95	3.73	39.30	3.79	38.78	3.84	37.37	3.96
	35	32	42.21	3.39	41.27	3.50	40.09	3.61	39.44	3.67	38.91	3.72	37.50	3.84
	40	36	42.36	3.28	41.41	3.39	40.23	3.50	39.57	3.56	39.05	3.60	37.63	3.71
	45	41	42.54	3.14	41.59	3.25	40.40	3.35	39.74	3.41	39.21	3.46	37.79	3.56
	47	43	42.61	3.09	41.66	3.19	40.47	3.29	39.81	3.35	39.28	3.40	37.85	3.50
	50	46	42.74	3.07	41.88	3.16	40.84	3.25	40.25	3.30	39.78	3.34	38.43	3.43
	55	51	42.95	3.04	42.24	3.11	41.46	3.19	40.98	3.22	40.60	3.25	39.40	3.32
	60	56	43.16	3.00	42.59	3.06	42.07	3.12	41.71	3.14	41.42	3.16	40.36	3.21
	63	59	43.28	2.99	42.81	3.03	42.44	3.08	42.15	3.09	41.92	3.11	40.94	3.14
	68	64	43.41	2.97	43.03	3.00	42.81	3.04	42.59	3.05	42.42	3.05	41.53	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 51: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	30.07	3.90	29.40	4.03	28.56	4.16	28.09	4.23	27.72	4.28	26.71	4.41
	-4	-4.4	34.04	4.05	33.28	4.18	32.33	4.31	31.80	4.39	31.38	4.45	30.24	4.58
	0	-0.4	36.20	4.10	35.40	4.24	34.38	4.38	33.82	4.45	33.37	4.51	32.16	4.65
	5	4.5	38.91	4.18	38.04	4.31	36.95	4.45	36.35	4.53	35.86	4.59	34.56	4.73
	10	9	40.71	4.08	39.80	4.22	38.67	4.35	38.04	4.43	37.53	4.49	36.17	4.62
	17	15	43.12	4.01	42.16	4.14	40.95	4.28	40.29	4.35	39.75	4.41	38.30	4.54
	20	19	43.27	3.90	42.31	4.03	41.10	4.16	40.43	4.23	39.89	4.28	38.44	4.41
	25	23	43.42	3.78	42.45	3.91	41.24	4.03	40.57	4.10	40.03	4.16	38.57	4.28
	30	28	43.61	3.64	42.64	3.76	41.42	3.88	40.74	3.95	40.20	4.00	38.74	4.12
	35	32	43.76	3.53	42.78	3.65	41.56	3.76	40.88	3.83	40.34	3.88	38.87	4.00
	40	36	43.91	3.42	42.93	3.53	41.71	3.64	41.02	3.70	40.48	3.76	39.01	3.87
	45	41	44.10	3.27	43.12	3.38	41.88	3.49	41.20	3.55	40.65	3.60	39.17	3.71
	47	43	44.18	3.22	43.19	3.32	41.96	3.43	41.27	3.49	40.72	3.54	39.24	3.64
	50	46	44.31	3.20	43.41	3.29	42.34	3.39	41.72	3.44	41.23	3.48	39.84	3.57
	55	51	44.52	3.16	43.78	3.24	42.98	3.32	42.48	3.36	42.09	3.39	40.84	3.46
	60	56	44.74	3.13	44.16	3.19	43.61	3.25	43.24	3.27	42.94	3.29	41.84	3.34
31	63	59	44.87	3.11	44.38	3.16	44.00	3.21	43.70	3.22	43.45	3.24	42.44	3.28
	68	64	45.00	3.09	44.60	3.13	44.38	3.17	44.15	3.17	43.97	3.18	43.05	3.21
	-13	-13.4	31.13	4.05	30.43	4.19	29.56	4.32	29.08	4.40	28.69	4.46	27.65	4.59
	-4	-4.4	35.24	4.21	34.45	4.35	33.47	4.49	32.92	4.56	32.48	4.63	31.30	4.77
	0	-0.4	37.48	4.27	36.64	4.41	35.59	4.55	35.01	4.63	34.55	4.69	33.29	4.83
	5	4.5	40.27	4.34	39.37	4.49	38.25	4.63	37.62	4.71	37.12	4.78	35.77	4.92
	10	9	42.14	4.24	41.20	4.38	40.03	4.52	39.37	4.60	38.85	4.67	37.44	4.81
	17	15	44.64	4.17	43.64	4.31	42.39	4.45	41.70	4.52	41.15	4.59	39.65	4.72
	20	19	44.79	4.05	43.79	4.19	42.54	4.32	41.85	4.40	41.29	4.46	39.79	4.59
	25	23	44.95	3.94	43.95	4.07	42.69	4.20	41.99	4.27	41.43	4.33	39.93	4.46
	30	28	45.14	3.79	44.14	3.91	42.87	4.04	42.17	4.11	41.61	4.16	40.10	4.29
	35	32	45.30	3.67	44.29	3.79	43.02	3.91	42.32	3.98	41.76	4.04	40.24	4.16
	40	36	45.46	3.55	44.44	3.67	43.17	3.79	42.47	3.85	41.90	3.91	40.38	4.02
	45	41	45.65	3.41	44.63	3.52	43.36	3.63	42.65	3.69	42.08	3.74	40.55	3.86
	47	43	45.73	3.35	44.71	3.46	43.43	3.57	42.72	3.63	42.15	3.68	40.62	3.79
	50	46	45.86	3.33	44.94	3.43	43.83	3.52	43.19	3.58	42.68	3.62	41.24	3.72
32	55	51	46.09	3.29	45.32	3.37	44.49	3.45	43.98	3.49	43.57	3.52	42.28	3.60
	60	56	46.31	3.26	45.71	3.32	45.15	3.38	44.76	3.40	44.45	3.43	43.31	3.48
	63	59	46.45	3.23	45.94	3.29	45.54	3.34	45.23	3.35	44.98	3.37	43.94	3.41
	68	64	46.58	3.21	46.17	3.25	45.94	3.29	45.71	3.30	45.52	3.31	44.57	3.34
	-13	-13.4	32.19	4.21	31.47	4.35	30.57	4.49	30.07	4.57	29.67	4.63	28.59	4.77
	-4	-4.4	36.44	4.37	35.63	4.52	34.61	4.66	34.04	4.74	33.59	4.81	32.37	4.95
	0	-0.4	38.76	4.43	37.89	4.58	36.81	4.73	36.21	4.81	35.73	4.87	34.43	5.02
	5	4.5	41.65	4.51	40.72	4.66	39.56	4.81	38.91	4.89	38.39	4.96	37.00	5.11
	10	9	43.59	4.41	42.61	4.55	41.39	4.70	40.72	4.78	40.18	4.84	38.72	4.99
	17	15	46.16	4.33	45.13	4.48	43.84	4.62	43.13	4.70	42.55	4.76	41.01	4.91
	20	19	46.32	4.21	45.29	4.35	44.00	4.49	43.28	4.57	42.70	4.63	41.15	4.77
	25	23	46.49	4.09	45.45	4.22	44.15	4.36	43.43	4.43	42.85	4.49	41.29	4.63
	30	28	46.69	3.94	45.64	4.07	44.34	4.20	43.62	4.27	43.04	4.33	41.47	4.46
	35	32	46.85	3.81	45.80	3.94	44.49	4.06	43.77	4.13	43.18	4.19	41.61	4.32
	40	36	47.01	3.69	45.96	3.81	44.65	3.93	43.92	4.00	43.33	4.06	41.76	4.18
	45	41	47.21	3.54	46.16	3.65	44.84	3.77	44.10	3.84	43.52	3.89	41.94	4.01
	47	43	47.29	3.48	46.23	3.59	44.91	3.71	44.18	3.77	43.59	3.82	42.01	3.94
	50	46	47.43	3.45	46.47	3.56	45.32	3.66	44.67	3.72	44.14	3.76	42.65	3.86
	55	51	47.66	3.42	46.87	3.50	46.01	3.59	45.48	3.63	45.06	3.66	43.72	3.74
	60	56	47.89	3.38	47.27	3.45	46.69	3.51	46.29	3.54	45.97	3.56	44.79	3.61
	63	59	48.03	3.36	47.51	3.41	47.10	3.46	46.78	3.48	46.52	3.50	45.44	3.54
	68	64	48.17	3.34	47.75	3.38	47.51	3.42	47.27	3.43	47.07	3.44	46.09	3.47

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 52: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	33.25	4.38	32.50	4.52	31.57	4.67	31.06	4.75	30.65	4.81	29.53	4.96
	-4	-4.4	37.64	4.55	36.80	4.70	35.75	4.85	35.16	4.93	34.69	5.00	33.43	5.15
	0	-0.4	40.03	4.61	39.13	4.76	38.02	4.92	37.40	5.00	36.90	5.07	35.56	5.22
	5	4.5	43.02	4.69	42.06	4.85	40.86	5.00	40.19	5.09	39.65	5.16	38.21	5.31
	10	9	45.02	4.58	44.01	4.73	42.75	4.89	42.05	4.97	41.49	5.04	39.99	5.19
	17	15	47.68	4.50	46.61	4.65	45.28	4.80	44.54	4.89	43.95	4.95	42.35	5.10
	20	19	47.85	4.38	46.78	4.52	45.44	4.67	44.70	4.75	44.10	4.81	42.50	4.96
	25	23	48.01	4.25	46.94	4.39	45.60	4.53	44.85	4.61	44.26	4.67	42.65	4.81
	30	28	48.22	4.09	47.14	4.23	45.80	4.36	45.05	4.44	44.45	4.50	42.83	4.63
	35	32	48.39	3.96	47.30	4.10	45.95	4.23	45.20	4.30	44.60	4.36	42.98	4.49
	40	36	48.55	3.84	47.47	3.96	46.11	4.09	45.36	4.16	44.76	4.22	43.13	4.34
	45	41	48.76	3.68	47.67	3.80	46.31	3.92	45.55	3.99	44.95	4.04	43.31	4.16
	47	43	48.84	3.61	47.75	3.73	46.39	3.85	45.63	3.92	45.02	3.97	43.39	4.09
	50	46	48.99	3.59	48.00	3.70	46.81	3.81	46.13	3.86	45.59	3.91	44.05	4.02
	55	51	49.23	3.55	48.41	3.64	47.52	3.73	46.97	3.77	46.53	3.80	45.16	3.89
	60	56	49.47	3.52	48.82	3.58	48.22	3.65	47.81	3.68	47.48	3.70	46.26	3.76
34	63	59	49.61	3.49	49.07	3.55	48.64	3.60	48.31	3.62	48.04	3.64	46.93	3.68
	68	64	49.75	3.47	49.32	3.51	49.07	3.56	48.82	3.57	48.62	3.57	47.60	3.60
	-13	-13.4	34.31	4.53	33.54	4.68	32.59	4.83	32.05	4.92	31.63	4.98	30.48	5.13
	-4	-4.4	38.84	4.71	37.97	4.86	36.89	5.02	36.29	5.11	35.80	5.17	34.50	5.33
	0	-0.4	41.31	4.77	40.39	4.93	39.23	5.09	38.59	5.18	38.08	5.25	36.69	5.41
	5	4.5	44.39	4.86	43.40	5.02	42.16	5.18	41.47	5.27	40.92	5.34	39.43	5.50
	10	9	46.46	4.75	45.42	4.90	44.12	5.06	43.40	5.15	42.82	5.22	41.27	5.37
	17	15	49.20	4.67	48.10	4.82	46.73	4.97	45.97	5.06	45.36	5.13	43.71	5.28
	20	19	49.38	4.53	48.27	4.68	46.89	4.83	46.13	4.92	45.51	4.98	43.86	5.13
	25	23	49.55	4.40	48.44	4.55	47.06	4.69	46.29	4.77	45.67	4.84	44.01	4.98
	30	28	49.76	4.24	48.65	4.38	47.26	4.52	46.49	4.60	45.87	4.66	44.20	4.80
	35	32	49.93	4.11	48.82	4.24	47.42	4.38	46.65	4.45	46.03	4.51	44.36	4.65
	40	36	50.11	3.97	48.99	4.11	47.59	4.24	46.81	4.31	46.19	4.37	44.51	4.50
	45	41	50.32	3.81	49.20	3.94	47.79	4.06	47.01	4.13	46.39	4.19	44.70	4.31
	47	43	50.41	3.74	49.28	3.87	47.87	3.99	47.09	4.06	46.46	4.12	44.77	4.24
	50	46	50.55	3.72	49.53	3.83	48.31	3.94	47.61	4.00	47.05	4.05	45.46	4.16
	55	51	50.80	3.68	49.96	3.77	49.04	3.86	48.47	3.91	48.02	3.94	46.60	4.02
35	60	56	51.05	3.64	50.38	3.71	49.76	3.78	49.34	3.81	49.00	3.83	47.74	3.89
	63	59	51.20	3.62	50.64	3.68	50.20	3.73	49.86	3.75	49.58	3.77	48.43	3.81
	68	64	51.34	3.59	50.89	3.64	50.64	3.68	50.38	3.69	50.17	3.70	49.13	3.73
	-13	-13.4	35.37	4.70	34.58	4.86	33.59	5.01	33.04	5.10	32.60	5.17	31.42	5.32
	-4	-4.4	40.04	4.88	39.14	5.04	38.03	5.20	37.40	5.29	36.91	5.37	35.57	5.53
	0	-0.4	42.58	4.95	41.63	5.12	40.44	5.28	39.78	5.37	39.25	5.44	37.82	5.61
	5	4.5	45.76	5.04	44.74	5.20	43.46	5.37	42.75	5.46	42.18	5.54	40.65	5.70
	10	9	47.89	4.92	46.82	5.08	45.48	5.25	44.74	5.34	44.14	5.41	42.54	5.57
	17	15	50.72	4.84	49.59	5.00	48.17	5.16	47.38	5.25	46.75	5.32	45.05	5.48
	20	19	50.90	4.70	49.76	4.86	48.34	5.01	47.55	5.10	46.92	5.17	45.21	5.32
	25	23	51.07	4.57	49.93	4.72	48.51	4.87	47.71	4.95	47.08	5.02	45.37	5.17
	30	28	51.29	4.39	50.15	4.54	48.72	4.68	47.92	4.77	47.28	4.83	45.56	4.98
	35	32	51.47	4.26	50.32	4.40	48.88	4.54	48.09	4.62	47.45	4.68	45.72	4.82
	40	36	51.65	4.12	50.49	4.26	49.05	4.39	48.25	4.47	47.61	4.53	45.88	4.67
	45	41	51.87	3.95	50.71	4.08	49.26	4.21	48.46	4.28	47.81	4.34	46.07	4.47
	47	43	51.96	3.88	50.80	4.01	49.35	4.14	48.54	4.21	47.89	4.27	46.15	4.40
	50	46	52.11	3.86	51.06	3.97	49.80	4.09	49.07	4.15	48.50	4.20	46.86	4.31
	55	51	52.37	3.82	51.50	3.91	50.55	4.00	49.97	4.05	49.50	4.09	48.04	4.17
	60	56	52.62	3.78	51.93	3.85	51.30	3.92	50.86	3.95	50.51	3.97	49.21	4.03
	63	59	52.77	3.75	52.20	3.81	51.75	3.87	51.39	3.89	51.11	3.90	49.92	3.95
	68	64	52.93	3.73	52.46	3.77	52.20	3.82	51.93	3.83	51.72	3.84	50.64	3.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 53: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	36.43	4.88	35.62	5.04	34.60	5.20	34.03	5.29	33.58	5.36	32.36	5.53
	-4	-4.4	41.24	5.07	40.32	5.23	39.17	5.40	38.53	5.50	38.02	5.57	36.63	5.74
	0	-0.4	43.86	5.14	42.88	5.31	41.66	5.48	40.98	5.57	40.43	5.65	38.96	5.82
	5	4.5	47.14	5.23	46.08	5.40	44.77	5.58	44.04	5.67	43.45	5.75	41.87	5.92
	10	9	49.33	5.11	48.22	5.28	46.85	5.45	46.08	5.54	45.47	5.62	43.82	5.78
	17	15	52.24	5.02	51.08	5.19	49.62	5.35	48.81	5.45	48.16	5.52	46.41	5.69
	20	19	52.43	4.88	51.26	5.04	49.79	5.20	48.98	5.29	48.33	5.36	46.57	5.53
	25	23	52.61	4.74	51.43	4.90	49.96	5.05	49.15	5.14	48.49	5.21	46.73	5.37
	30	28	52.84	4.56	51.66	4.71	50.18	4.86	49.36	4.95	48.71	5.01	46.93	5.16
	35	32	53.02	4.42	51.84	4.57	50.35	4.71	49.53	4.79	48.87	4.86	47.10	5.00
	40	36	53.20	4.28	52.01	4.42	50.53	4.56	49.70	4.64	49.04	4.70	47.26	4.84
	45	41	53.43	4.10	52.24	4.24	50.74	4.37	49.91	4.45	49.25	4.51	47.46	4.64
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
37	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02
	-13	-13.4	36.98	4.95	36.15	5.11	35.12	5.27	34.54	5.37	34.08	5.44	32.85	5.60
	-4	-4.4	41.86	5.14	40.93	5.31	39.76	5.48	39.11	5.57	38.59	5.65	37.18	5.82
	0	-0.4	44.52	5.21	43.53	5.38	42.28	5.55	41.59	5.65	41.04	5.73	39.55	5.90
	5	4.5	47.85	5.30	46.78	5.48	45.44	5.65	44.70	5.75	44.10	5.83	42.50	6.00
	10	9	50.07	5.18	48.95	5.35	47.55	5.52	46.77	5.62	46.15	5.69	44.47	5.86
	17	15	53.03	5.09	51.84	5.26	50.36	5.43	49.54	5.52	48.88	5.60	47.10	5.76
	20	19	53.21	4.95	52.02	5.11	50.54	5.27	49.71	5.37	49.05	5.44	47.27	5.60
	25	23	53.40	4.80	52.21	4.96	50.71	5.12	49.89	5.21	49.22	5.28	47.43	5.44
	30	28	53.63	4.62	52.43	4.78	50.93	4.93	50.10	5.01	49.44	5.08	47.64	5.24
	35	32	53.82	4.48	52.61	4.63	51.11	4.78	50.27	4.86	49.61	4.92	47.80	5.07
	40	36	54.00	4.34	52.79	4.48	51.29	4.62	50.45	4.70	49.78	4.77	47.97	4.91
	45	41	54.23	4.16	53.02	4.29	51.51	4.43	50.66	4.51	49.99	4.57	48.17	4.71
	47	43	54.32	4.08	53.11	4.22	51.59	4.35	50.75	4.43	50.08	4.49	48.25	4.63
38	50	46	54.48	4.06	53.38	4.18	52.06	4.30	51.31	4.37	50.71	4.42	48.99	4.54
	55	51	54.75	4.02	53.84	4.12	52.85	4.21	52.24	4.26	51.76	4.30	50.22	4.39
	60	56	55.02	3.97	54.30	4.05	53.63	4.12	53.17	4.16	52.81	4.18	51.46	4.25
	63	59	55.18	3.95	54.57	4.01	54.10	4.07	53.73	4.09	53.44	4.11	52.19	4.16
	68	64	55.34	3.92	54.85	3.97	54.58	4.02	54.30	4.03	54.07	4.04	52.94	4.07
	-13	-13.4	37.52	5.03	36.68	5.19	35.64	5.36	35.05	5.45	34.59	5.52	33.33	5.69
	-4	-4.4	42.48	5.22	41.53	5.39	40.34	5.56	39.69	5.66	39.16	5.74	37.73	5.91
	0	-0.4	45.18	5.29	44.17	5.47	42.91	5.64	42.21	5.74	41.65	5.82	40.13	5.99
	5	4.5	48.55	5.39	47.47	5.56	46.11	5.74	45.36	5.84	44.76	5.92	43.13	6.10
	10	9	50.81	5.26	49.67	5.44	48.25	5.61	47.46	5.71	46.83	5.78	45.13	5.96
	17	15	53.81	5.17	52.61	5.34	51.11	5.51	50.27	5.61	49.60	5.68	47.80	5.86
	20	19	54.00	5.03	52.79	5.19	51.29	5.36	50.45	5.45	49.78	5.52	47.97	5.69
	25	23	54.19	4.88	52.98	5.04	51.46	5.20	50.62	5.29	49.95	5.36	48.13	5.52
	30	28	54.42	4.70	53.21	4.85	51.69	5.01	50.84	5.09	50.17	5.16	48.34	5.32
	35	32	54.61	4.55	53.39	4.70	51.86	4.85	51.02	4.94	50.34	5.00	48.51	5.15
	40	36	54.80	4.40	53.57	4.55	52.04	4.70	51.19	4.78	50.51	4.84	48.68	4.99

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 54: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	38.07	5.10	37.22	5.27	36.16	5.44	35.56	5.54	35.09	5.61	33.82	5.78
	-4	-4.4	43.10	5.30	42.14	5.47	40.93	5.65	40.26	5.75	39.73	5.82	38.28	6.00
	0	-0.4	45.84	5.37	44.81	5.55	43.53	5.73	42.82	5.83	42.25	5.91	40.72	6.09
	5	4.5	49.26	5.47	48.16	5.65	46.78	5.83	46.02	5.93	45.41	6.01	43.76	6.19
	10	9	51.55	5.34	50.39	5.52	48.95	5.70	48.15	5.79	47.51	5.87	45.79	6.05
	17	15	54.60	5.25	53.38	5.43	51.85	5.60	51.00	5.70	50.33	5.77	48.50	5.95
	20	19	54.79	5.10	53.56	5.27	52.03	5.44	51.18	5.53	50.50	5.61	48.67	5.78
	25	23	54.98	4.96	53.75	5.12	52.21	5.28	51.36	5.37	50.68	5.45	48.83	5.61
	30	28	55.22	4.77	53.98	4.93	52.44	5.09	51.58	5.17	50.90	5.24	49.05	5.40
	35	32	55.41	4.62	54.17	4.77	52.62	4.93	51.76	5.01	51.07	5.08	49.22	5.23
	40	36	55.60	4.47	54.35	4.62	52.80	4.77	51.94	4.85	51.25	4.92	49.38	5.07
	45	41	55.83	4.29	54.59	4.43	53.03	4.57	52.16	4.65	51.47	4.71	49.60	4.86
	47	43	55.93	4.21	54.68	4.35	53.12	4.49	52.25	4.57	51.56	4.63	49.68	4.77
	50	46	56.09	4.19	54.96	4.31	53.60	4.44	52.83	4.50	52.20	4.56	50.44	4.68
	55	51	56.37	4.14	55.43	4.25	54.41	4.35	53.79	4.40	53.29	4.44	51.71	4.53
	60	56	56.64	4.10	55.90	4.18	55.22	4.25	54.74	4.29	54.37	4.31	52.98	4.38
40	63	59	56.81	4.07	56.19	4.14	55.70	4.20	55.32	4.22	55.02	4.24	53.74	4.29
	68	64	56.97	4.05	56.47	4.10	56.19	4.15	55.90	4.16	55.67	4.17	54.51	4.20
	-13	-13.4	38.62	5.18	37.75	5.35	36.67	5.53	36.08	5.62	35.60	5.70	34.30	5.87
	-4	-4.4	43.72	5.38	42.74	5.56	41.52	5.74	40.84	5.83	40.30	5.91	38.83	6.09
	0	-0.4	46.49	5.46	45.46	5.64	44.16	5.82	43.44	5.92	42.86	6.00	41.30	6.18
	5	4.5	49.97	5.55	48.85	5.74	47.45	5.92	46.68	6.02	46.06	6.10	44.38	6.29
	10	9	52.29	5.42	51.12	5.60	49.66	5.78	48.85	5.88	48.20	5.96	46.44	6.14
	17	15	55.38	5.33	54.14	5.51	52.60	5.68	51.74	5.78	51.05	5.86	49.19	6.04
	20	19	55.57	5.18	54.33	5.35	52.78	5.52	51.92	5.62	51.23	5.70	49.36	5.87
	25	23	55.77	5.03	54.52	5.20	52.96	5.36	52.10	5.46	51.40	5.53	49.54	5.70
	30	28	56.01	4.84	54.76	5.00	53.19	5.16	52.32	5.25	51.63	5.32	49.75	5.48
	35	32	56.20	4.69	54.95	4.85	53.38	5.00	52.50	5.09	51.81	5.16	49.92	5.31
	40	36	56.39	4.54	55.13	4.69	53.56	4.84	52.68	4.93	51.98	4.99	50.09	5.14
	45	41	56.64	4.35	55.37	4.50	53.79	4.64	52.91	4.72	52.21	4.79	50.31	4.93
	47	43	56.73	4.28	55.47	4.42	53.88	4.56	53.00	4.64	52.30	4.70	50.39	4.84
	50	46	56.90	4.25	55.75	4.38	54.37	4.51	53.58	4.57	52.95	4.63	51.17	4.75
41	55	51	57.18	4.21	56.23	4.31	55.19	4.41	54.56	4.46	54.05	4.50	52.45	4.60
	60	56	57.46	4.16	56.71	4.24	56.01	4.32	55.53	4.35	55.15	4.38	53.74	4.45
	63	59	57.62	4.13	56.99	4.20	56.50	4.26	56.11	4.29	55.81	4.30	54.51	4.35
	68	64	57.79	4.11	57.28	4.16	57.00	4.21	56.70	4.22	56.47	4.23	55.29	4.26
	-13	-13.4	39.16	5.26	38.29	5.43	37.19	5.61	36.59	5.70	36.10	5.78	34.79	5.96
	-4	-4.4	44.34	5.46	43.35	5.64	42.11	5.82	41.42	5.92	40.87	6.00	39.38	6.18
	0	-0.4	47.15	5.54	46.10	5.72	44.78	5.91	44.05	6.01	43.46	6.09	41.88	6.27
	5	4.5	50.67	5.64	49.54	5.82	48.13	6.01	47.34	6.11	46.71	6.20	45.01	6.38
	10	9	53.03	5.51	51.84	5.69	50.36	5.87	49.54	5.97	48.88	6.05	47.10	6.23
	17	15	56.16	5.41	54.91	5.59	53.34	5.77	52.47	5.87	51.77	5.95	49.89	6.13
	20	19	56.36	5.26	55.10	5.43	53.53	5.61	52.65	5.70	51.95	5.78	50.06	5.96
	25	23	56.56	5.11	55.29	5.28	53.71	5.44	52.83	5.54	52.13	5.61	50.24	5.78
	30	28	56.80	4.92	55.53	5.08	53.94	5.24	53.06	5.33	52.36	5.40	50.45	5.57
	35	32	57.00	4.76	55.72	4.92	54.13	5.08	53.25	5.17	52.54	5.24	50.63	5.39
	40	36	57.19	4.61	55.91	4.76	54.32	4.92	53.43	5.00	52.72	5.07	50.80	5.22
	45	41	57.44	4.42	56.15	4.57	54.55	4.71	53.66	4.79	52.95	4.86	51.02	5.00
	47	43	57.54	4.34	56.25	4.49	54.64	4.63	53.75	4.71	53.04	4.77	51.11	4.92
42	50	46	57.70	4.32	56.54	4.45	55.14	4.57	54.34	4.64	53.70	4.70	51.89	4.82
	55	51	57.99	4.27	57.02	4.38	55.97	4.48	55.33	4.53	54.82	4.57	53.19	4.67
	60	56	58.27	4.22	57.51	4.31	56.80	4.39	56.32	4.42	55.93	4.44	54.50	4.51
	63	59	58.44	4.20	57.80	4.26	57.30	4.33	56.91	4.35	56.59	4.37	55.28	4.42
	68	64	58.61	4.17	58.09	4.22	57.80	4.27	57.51	4.28	57.27	4.29	56.07	4.33

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

MULTI F WITH LGRED°
MULTI F MAX

Maximum Heating Capacity Tables

Table 55: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39
43	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39
44	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 56: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
46	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39
47	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 57: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
49	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39
50	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 58: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
51	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
52	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39
	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
53	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39
	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 59: KUMXA421A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
55	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39
	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30
	45	41	58.24	4.49	56.94	4.63	55.31	4.78	54.41	4.86	53.68	4.93	51.73	5.08
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
56	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39
	-13	-13.4	39.71	5.34	38.82	5.52	37.71	5.69	37.10	5.79	36.60	5.87	35.27	6.04
	-4	-4.4	44.95	5.54	43.95	5.73	42.69	5.91	42.00	6.01	41.44	6.09	39.93	6.28
	0	-0.4	47.81	5.62	46.74	5.81	45.41	5.99	44.66	6.10	44.07	6.18	42.47	6.37
	5	4.5	51.38	5.72	50.23	5.91	48.80	6.10	48.00	6.20	47.36	6.29	45.64	6.48
	10	9	53.77	5.59	52.56	5.77	51.06	5.96	50.23	6.06	49.56	6.14	47.76	6.33
	17	15	56.95	5.49	55.67	5.67	54.08	5.86	53.20	5.96	52.49	6.04	50.58	6.22
	20	19	57.15	5.34	55.87	5.51	54.27	5.69	53.39	5.79	52.68	5.87	50.76	6.04
	25	23	57.34	5.18	56.06	5.35	54.46	5.53	53.57	5.62	52.86	5.70	50.94	5.87
	30	28	57.59	4.99	56.31	5.15	54.70	5.32	53.80	5.41	53.09	5.48	51.16	5.65
	35	32	57.79	4.83	56.50	4.99	54.89	5.15	53.99	5.24	53.27	5.31	51.33	5.47
	40	36	57.99	4.68	56.69	4.83	55.07	4.99	54.18	5.07	53.46	5.14	51.51	5.30

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 60: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	17.34	2.08	16.95	2.15	16.47	2.22	16.20	2.26	15.98	2.29	15.40	2.36
	-4	-4.4	19.63	2.16	19.19	2.24	18.64	2.31	18.34	2.35	18.10	2.38	17.44	2.45
	0	-0.4	20.88	2.19	20.41	2.27	19.83	2.34	19.51	2.38	19.25	2.41	18.55	2.48
	5	4.5	22.44	2.23	21.94	2.30	21.31	2.38	20.96	2.42	20.68	2.45	19.93	2.52
	10	9	23.48	2.18	22.95	2.25	22.30	2.32	21.93	2.36	21.64	2.39	20.86	2.47
	17	15	24.87	2.14	24.31	2.21	23.62	2.28	23.23	2.32	22.92	2.35	22.09	2.42
	20	19	24.96	2.08	24.40	2.15	23.70	2.21	23.31	2.25	23.00	2.28	22.17	2.35
	25	23	25.04	2.02	24.48	2.09	23.78	2.15	23.39	2.19	23.08	2.22	22.24	2.28
	30	28	25.15	1.94	24.59	2.01	23.89	2.07	23.50	2.10	23.18	2.13	22.34	2.20
	35	32	25.24	1.88	24.67	1.95	23.97	2.01	23.58	2.04	23.26	2.07	22.42	2.13
	40	36	25.32	1.82	24.76	1.88	24.05	1.94	23.66	1.97	23.34	2.00	22.49	2.06
	45	41	25.43	1.74	24.86	1.80	24.15	1.86	23.76	1.89	23.44	1.92	22.59	1.97
	47	43	25.48	1.71	24.91	1.77	24.20	1.83	23.80	1.86	23.48	1.88	22.63	1.94
	50	46	25.55	1.70	25.04	1.75	24.42	1.81	24.06	1.83	23.78	1.86	22.98	1.90
	55	51	25.68	1.68	25.25	1.73	24.78	1.77	24.50	1.79	24.27	1.80	23.55	1.84
	60	56	25.80	1.66	25.46	1.70	25.15	1.73	24.94	1.74	24.76	1.75	24.13	1.78
	63	59	25.88	1.65	25.59	1.68	25.37	1.71	25.20	1.72	25.06	1.72	24.48	1.74
	68	64	25.95	1.64	25.72	1.66	25.59	1.68	25.46	1.69	25.36	1.69	24.83	1.71
19	-13	-13.4	18.40	2.23	17.99	2.30	17.48	2.38	17.19	2.42	16.97	2.45	16.35	2.52
	-4	-4.4	20.84	2.31	20.37	2.39	19.79	2.47	19.46	2.51	19.21	2.54	18.51	2.62
	0	-0.4	22.16	2.34	21.66	2.42	21.05	2.50	20.70	2.54	20.43	2.57	19.68	2.65
	5	4.5	23.81	2.38	23.28	2.46	22.62	2.54	22.25	2.58	21.95	2.62	21.15	2.70
	10	9	24.92	2.32	24.36	2.40	23.67	2.48	23.28	2.52	22.97	2.56	22.14	2.63
	17	15	26.39	2.28	25.80	2.36	25.07	2.43	24.66	2.48	24.33	2.51	23.45	2.59
	20	19	26.49	2.22	25.89	2.29	25.15	2.37	24.74	2.41	24.41	2.44	23.53	2.51
	25	23	26.58	2.15	25.98	2.22	25.24	2.30	24.83	2.34	24.50	2.37	23.61	2.44
	30	28	26.69	2.07	26.10	2.14	25.35	2.21	24.94	2.25	24.61	2.28	23.71	2.35
	35	32	26.79	2.01	26.19	2.07	25.44	2.14	25.02	2.18	24.69	2.21	23.79	2.27
	40	36	26.88	1.94	26.28	2.00	25.53	2.07	25.11	2.10	24.78	2.13	23.87	2.20
	45	41	26.99	1.86	26.39	1.92	25.64	1.98	25.22	2.02	24.88	2.04	23.98	2.11
	47	43	27.04	1.83	26.43	1.89	25.68	1.95	25.26	1.98	24.92	2.01	24.02	2.07
	50	46	27.12	1.82	26.57	1.87	25.91	1.92	25.54	1.95	25.24	1.97	24.39	2.03
	55	51	27.25	1.80	26.80	1.84	26.30	1.89	26.00	1.91	25.76	1.92	25.00	1.96
	60	56	27.38	1.78	27.03	1.81	26.69	1.85	26.47	1.86	26.28	1.87	25.61	1.90
	63	59	27.46	1.77	27.16	1.80	26.93	1.82	26.74	1.83	26.60	1.84	25.98	1.86
	68	64	27.54	1.76	27.30	1.78	27.16	1.80	27.03	1.80	26.91	1.81	26.35	1.82
20	-13	-13.4	19.46	2.37	19.03	2.44	18.48	2.52	18.18	2.56	17.94	2.60	17.29	2.68
	-4	-4.4	22.03	2.46	21.54	2.54	20.92	2.62	20.58	2.66	20.31	2.70	19.57	2.78
	0	-0.4	23.43	2.49	22.91	2.57	22.25	2.66	21.89	2.70	21.60	2.74	20.81	2.82
	5	4.5	25.18	2.53	24.62	2.62	23.92	2.70	23.52	2.74	23.21	2.78	22.37	2.86
	10	9	26.35	2.47	25.76	2.55	25.03	2.63	24.62	2.68	24.29	2.71	23.41	2.80
	17	15	27.91	2.43	27.29	2.51	26.51	2.59	26.07	2.63	25.73	2.67	24.79	2.75
	20	19	28.01	2.36	27.38	2.44	26.60	2.51	26.16	2.56	25.82	2.59	24.88	2.67
	25	23	28.10	2.29	27.48	2.37	26.69	2.44	26.25	2.48	25.91	2.51	24.96	2.59
	30	28	28.23	2.20	27.60	2.28	26.81	2.35	26.37	2.39	26.02	2.42	25.07	2.49
	35	32	28.32	2.13	27.69	2.21	26.90	2.28	26.46	2.31	26.11	2.34	25.16	2.41
	40	36	28.42	2.06	27.79	2.13	26.99	2.20	26.55	2.24	26.20	2.27	25.25	2.34
	45	41	28.54	1.98	27.90	2.04	27.11	2.11	26.66	2.15	26.31	2.18	25.35	2.24
	47	43	28.59	1.94	27.95	2.01	27.15	2.07	26.71	2.11	26.36	2.14	25.40	2.20
	50	46	28.68	1.93	28.10	1.99	27.40	2.05	27.00	2.08	26.69	2.10	25.79	2.16
	55	51	28.82	1.91	28.34	1.96	27.81	2.00	27.49	2.03	27.24	2.05	26.43	2.09
	60	56	28.96	1.89	28.58	1.93	28.23	1.96	27.99	1.98	27.79	1.99	27.08	2.02
	63	59	29.04	1.88	28.72	1.91	28.47	1.94	28.28	1.95	28.12	1.95	27.47	1.98
	68	64	29.12	1.86	28.87	1.89	28.72	1.91	28.58	1.92	28.46	1.92	27.86	1.94

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 61: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	20.52	2.51	20.07	2.59	19.49	2.68	19.17	2.72	18.92	2.76	18.23	2.84
	-4	-4.4	23.24	2.61	22.72	2.69	22.07	2.78	21.71	2.83	21.42	2.87	20.64	2.95
	0	-0.4	24.71	2.64	24.16	2.73	23.47	2.82	23.09	2.87	22.78	2.91	21.95	2.99
	5	4.5	26.56	2.69	25.96	2.78	25.22	2.87	24.81	2.91	24.48	2.95	23.59	3.04
	10	9	27.79	2.63	27.17	2.71	26.39	2.80	25.96	2.84	25.62	2.88	24.69	2.97
	17	15	29.43	2.58	28.78	2.66	27.95	2.75	27.50	2.79	27.13	2.83	26.15	2.92
	20	19	29.54	2.51	28.88	2.59	28.05	2.67	27.59	2.71	27.23	2.75	26.24	2.83
	25	23	29.64	2.43	28.98	2.51	28.15	2.59	27.69	2.63	27.32	2.67	26.33	2.75
	30	28	29.77	2.34	29.10	2.42	28.27	2.49	27.81	2.54	27.44	2.57	26.44	2.65
	35	32	29.87	2.27	29.20	2.34	28.37	2.42	27.91	2.46	27.54	2.49	26.53	2.56
	40	36	29.97	2.19	29.30	2.27	28.47	2.34	28.00	2.38	27.63	2.41	26.63	2.48
	45	41	30.10	2.10	29.43	2.17	28.59	2.24	28.12	2.28	27.75	2.31	26.74	2.38
	47	43	30.15	2.06	29.48	2.13	28.64	2.20	28.17	2.24	27.80	2.27	26.78	2.34
	50	46	30.24	2.05	29.63	2.11	28.90	2.17	28.48	2.21	28.15	2.23	27.19	2.29
	55	51	30.39	2.03	29.89	2.08	29.33	2.13	29.00	2.15	28.73	2.17	27.88	2.22
22	60	56	30.54	2.00	30.14	2.04	29.77	2.08	29.51	2.10	29.31	2.11	28.56	2.14
	63	59	30.63	1.99	30.29	2.02	30.03	2.06	29.83	2.07	29.66	2.07	28.97	2.10
	68	64	30.72	1.98	30.45	2.00	30.29	2.03	30.14	2.03	30.01	2.04	29.39	2.06
	-13	-13.4	21.58	2.66	21.10	2.75	20.50	2.83	20.16	2.88	19.89	2.92	19.17	3.01
	-4	-4.4	24.43	2.76	23.89	2.85	23.20	2.94	22.82	2.99	22.52	3.03	21.70	3.12
	0	-0.4	25.98	2.79	25.40	2.89	24.68	2.98	24.27	3.03	23.95	3.08	23.08	3.17
	5	4.5	27.92	2.84	27.30	2.94	26.52	3.03	26.09	3.08	25.74	3.12	24.80	3.22
	10	9	29.22	2.78	28.57	2.87	27.75	2.96	27.30	3.01	26.94	3.05	25.96	3.14
	17	15	30.95	2.73	30.26	2.82	29.39	2.91	28.91	2.96	28.53	2.99	27.49	3.09
	20	19	31.06	2.65	30.36	2.74	29.50	2.82	29.01	2.87	28.63	2.91	27.59	3.00
	25	23	31.17	2.57	30.47	2.66	29.60	2.74	29.12	2.79	28.73	2.83	27.68	2.91
	30	28	31.30	2.48	30.60	2.56	29.73	2.64	29.24	2.68	28.85	2.72	27.80	2.80
	35	32	31.41	2.40	30.71	2.48	29.83	2.56	29.34	2.60	28.95	2.63	27.90	2.71
	40	36	31.52	2.32	30.81	2.40	29.93	2.47	29.44	2.52	29.05	2.55	28.00	2.62
	45	41	31.65	2.22	30.94	2.30	30.06	2.37	29.57	2.41	29.18	2.44	28.12	2.52
	47	43	31.71	2.18	31.00	2.26	30.11	2.33	29.62	2.37	29.23	2.40	28.16	2.47
23	50	46	31.80	2.17	31.16	2.23	30.39	2.30	29.95	2.34	29.59	2.36	28.59	2.43
	55	51	31.95	2.14	31.42	2.20	30.84	2.25	30.49	2.28	30.21	2.30	29.31	2.35
	60	56	32.11	2.12	31.69	2.16	31.30	2.20	31.03	2.22	30.82	2.23	30.03	2.27
	63	59	32.20	2.11	31.85	2.14	31.58	2.17	31.36	2.19	31.19	2.20	30.46	2.22
	68	64	32.30	2.09	32.01	2.12	31.85	2.15	31.69	2.15	31.56	2.16	30.90	2.18
	-13	-13.4	22.65	2.81	22.14	2.90	21.51	2.99	21.16	3.04	20.87	3.08	20.11	3.17
	-4	-4.4	25.64	2.91	25.06	3.01	24.35	3.10	23.95	3.16	23.63	3.20	22.77	3.29
	0	-0.4	27.27	2.95	26.66	3.05	25.89	3.14	25.47	3.20	25.13	3.24	24.22	3.34
	5	4.5	29.30	3.00	28.65	3.10	27.83	3.20	27.37	3.25	27.01	3.30	26.03	3.39
	10	9	30.66	2.93	29.98	3.03	29.12	3.12	28.64	3.18	28.26	3.22	27.24	3.31
	17	15	32.48	2.88	31.75	2.97	30.84	3.07	30.34	3.12	29.94	3.16	28.85	3.26
	20	19	32.59	2.80	31.86	2.89	30.95	2.98	30.44	3.03	30.04	3.07	28.95	3.16
	25	23	32.70	2.71	31.97	2.80	31.06	2.89	30.55	2.94	30.14	2.98	29.05	3.07
	30	28	32.84	2.61	32.11	2.70	31.19	2.78	30.68	2.83	30.28	2.87	29.17	2.95
	35	32	32.96	2.53	32.22	2.61	31.30	2.70	30.79	2.74	30.38	2.78	29.27	2.86
	40	36	33.07	2.45	32.33	2.53	31.41	2.61	30.89	2.65	30.48	2.69	29.38	2.77
	45	41	33.21	2.34	32.47	2.42	31.54	2.50	31.03	2.54	30.61	2.58	29.50	2.65
	47	43	33.27	2.30	32.53	2.38	31.60	2.46	31.08	2.50	30.67	2.53	29.55	2.61
	50	46	33.37	2.29	32.69	2.36	31.88	2.43	31.42	2.46	31.05	2.49	30.00	2.56
	55	51	33.53	2.26	32.97	2.32	32.36	2.38	31.99	2.40	31.70	2.43	30.76	2.48
	60	56	33.69	2.24	33.25	2.28	32.84	2.32	32.56	2.34	32.34	2.36	31.51	2.39
	63	59	33.79	2.22	33.42	2.26	33.13	2.29	32.91	2.31	32.72	2.32	31.96	2.34
	68	64	33.89	2.21	33.59	2.24	33.42	2.26	33.25	2.27	33.12	2.28	32.42	2.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 62: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	23.70	2.95	23.17	3.05	22.51	3.15	22.14	3.20	21.85	3.24	21.05	3.34
	-4	-4.4	26.83	3.07	26.23	3.17	25.48	3.27	25.07	3.32	24.73	3.37	23.83	3.47
	0	-0.4	28.54	3.10	27.90	3.20	27.10	3.31	26.66	3.37	26.31	3.41	25.35	3.52
	5	4.5	30.67	3.16	29.98	3.26	29.13	3.37	28.65	3.42	28.27	3.47	27.24	3.57
	10	9	32.09	3.08	31.37	3.18	30.48	3.29	29.98	3.34	29.58	3.39	28.51	3.49
	17	15	33.99	3.03	33.23	3.13	32.28	3.23	31.75	3.28	31.33	3.32	30.19	3.42
	20	19	34.11	2.94	33.35	3.04	32.39	3.14	31.86	3.19	31.44	3.23	30.30	3.33
	25	23	34.23	2.86	33.46	2.95	32.51	3.04	31.98	3.10	31.55	3.14	30.40	3.23
	30	28	34.38	2.75	33.61	2.84	32.65	2.93	32.11	2.98	31.69	3.02	30.54	3.11
	35	32	34.49	2.66	33.72	2.75	32.76	2.84	32.23	2.89	31.80	2.92	30.64	3.01
	40	36	34.61	2.57	33.84	2.66	32.87	2.75	32.34	2.79	31.91	2.83	30.75	2.91
	45	41	34.76	2.47	33.99	2.55	33.01	2.63	32.47	2.68	32.04	2.71	30.88	2.79
	47	43	34.82	2.42	34.04	2.50	33.07	2.58	32.53	2.63	32.10	2.66	30.93	2.74
	50	46	34.92	2.41	34.22	2.48	33.37	2.55	32.89	2.59	32.50	2.62	31.40	2.69
	55	51	35.09	2.38	34.51	2.44	33.87	2.50	33.49	2.53	33.17	2.55	32.19	2.61
	60	56	35.26	2.35	34.81	2.40	34.38	2.45	34.08	2.46	33.85	2.48	32.98	2.52
25	63	59	35.37	2.34	34.98	2.38	34.68	2.41	34.44	2.43	34.25	2.44	33.46	2.47
	68	64	35.47	2.32	35.16	2.35	34.98	2.38	34.80	2.39	34.66	2.39	33.94	2.41
	-13	-13.4	24.77	3.10	24.21	3.20	23.52	3.30	23.14	3.36	22.83	3.40	22.00	3.50
	-4	-4.4	28.04	3.22	27.41	3.32	26.63	3.43	26.19	3.49	25.84	3.53	24.90	3.64
	0	-0.4	29.82	3.26	29.15	3.36	28.32	3.47	27.86	3.53	27.49	3.58	26.49	3.69
	5	4.5	32.04	3.31	31.33	3.42	30.43	3.53	29.94	3.59	29.54	3.64	28.46	3.75
	10	9	33.53	3.23	32.78	3.34	31.85	3.45	31.33	3.51	30.91	3.55	29.79	3.66
	17	15	35.52	3.18	34.72	3.28	33.73	3.39	33.18	3.44	32.74	3.49	31.55	3.59
	20	19	35.64	3.09	34.84	3.19	33.85	3.29	33.30	3.35	32.85	3.39	31.66	3.49
	25	23	35.76	3.00	34.96	3.10	33.97	3.19	33.41	3.25	32.97	3.29	31.77	3.39
	30	28	35.92	2.88	35.12	2.98	34.11	3.07	33.56	3.13	33.11	3.17	31.91	3.26
	35	32	36.04	2.79	35.24	2.89	34.23	2.98	33.67	3.03	33.22	3.07	32.02	3.16
	40	36	36.17	2.70	35.36	2.79	34.35	2.88	33.79	2.93	33.34	2.97	32.13	3.06
	45	41	36.32	2.59	35.51	2.67	34.50	2.76	33.93	2.81	33.48	2.85	32.26	2.93
	47	43	36.38	2.54	35.57	2.63	34.55	2.71	33.99	2.76	33.54	2.80	32.32	2.88
	50	46	36.49	2.53	35.75	2.60	34.87	2.68	34.36	2.72	33.96	2.75	32.81	2.83
26	55	51	36.67	2.50	36.06	2.56	35.39	2.62	34.99	2.65	34.66	2.68	33.64	2.74
	60	56	36.85	2.47	36.37	2.52	35.92	2.57	35.61	2.59	35.37	2.60	34.46	2.64
	63	59	36.95	2.46	36.55	2.50	36.24	2.53	35.99	2.55	35.79	2.56	34.96	2.59
	68	64	37.06	2.44	36.74	2.47	36.55	2.50	36.37	2.51	36.22	2.51	35.46	2.53
	-13	-13.4	25.82	3.25	25.24	3.36	24.52	3.47	24.12	3.53	23.80	3.58	22.94	3.68
	-4	-4.4	29.23	3.38	28.58	3.49	27.76	3.60	27.31	3.66	26.95	3.71	25.97	3.82
	0	-0.4	31.09	3.42	30.40	3.54	29.53	3.65	29.04	3.71	28.66	3.76	27.62	3.87
	5	4.5	33.41	3.48	32.66	3.59	31.73	3.71	31.21	3.78	30.80	3.83	29.68	3.94
	10	9	34.96	3.40	34.18	3.51	33.20	3.62	32.66	3.69	32.23	3.73	31.06	3.85
	17	15	37.03	3.34	36.20	3.45	35.17	3.56	34.59	3.62	34.13	3.67	32.89	3.78
	20	19	37.16	3.24	36.33	3.35	35.29	3.46	34.72	3.52	34.25	3.56	33.01	3.67
	25	23	37.29	3.15	36.46	3.25	35.41	3.36	34.84	3.41	34.37	3.46	33.12	3.56
	30	28	37.45	3.03	36.61	3.13	35.57	3.23	34.99	3.29	34.52	3.33	33.27	3.43
	35	32	37.58	2.93	36.74	3.03	35.69	3.13	35.11	3.18	34.64	3.23	33.38	3.32
	40	36	37.71	2.84	36.87	2.93	35.81	3.03	35.23	3.08	34.76	3.12	33.50	3.21
	45	41	37.87	2.72	37.03	2.81	35.97	2.90	35.38	2.95	34.91	2.99	33.64	3.08
	47	43	37.94	2.67	37.09	2.76	36.03	2.85	35.44	2.90	34.97	2.94	33.70	3.03
	50	46	38.05	2.65	37.28	2.73	36.36	2.81	35.83	2.86	35.41	2.89	34.21	2.97
	55	51	38.23	2.63	37.60	2.69	36.90	2.76	36.48	2.79	36.14	2.81	35.07	2.87
	60	56	38.42	2.60	37.92	2.65	37.45	2.70	37.13	2.72	36.88	2.73	35.93	2.78
	63	59	38.53	2.58	38.11	2.62	37.78	2.66	37.52	2.68	37.32	2.69	36.45	2.72
	68	64	38.64	2.56	38.30	2.60	38.11	2.63	37.92	2.63	37.76	2.64	36.97	2.66

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

MULTI F WITH LGRED[®]
MULTI F MAX

Maximum Heating Capacity Tables

Table 63: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	26.89	3.40	26.28	3.51	25.53	3.63	25.12	3.69	24.78	3.74	23.88	3.85
	-4	-4.4	30.44	3.53	29.76	3.65	28.91	3.77	28.43	3.83	28.06	3.88	27.04	4.00
	0	-0.4	32.37	3.58	31.65	3.70	30.74	3.81	30.24	3.88	29.84	3.93	28.75	4.05
	5	4.5	34.79	3.63	34.01	3.76	33.04	3.88	32.50	3.94	32.07	4.00	30.90	4.12
	10	9	36.40	3.55	35.59	3.67	34.57	3.79	34.01	3.85	33.56	3.90	32.34	4.02
	17	15	38.56	3.49	37.70	3.60	36.62	3.72	36.02	3.78	35.54	3.83	34.25	3.95
	20	19	38.69	3.39	37.83	3.50	36.75	3.61	36.15	3.67	35.67	3.72	34.37	3.83
	25	23	38.83	3.29	37.96	3.40	36.87	3.51	36.27	3.57	35.79	3.61	34.49	3.72
	30	28	38.99	3.16	38.12	3.27	37.03	3.38	36.43	3.43	35.94	3.48	34.64	3.58
	35	32	39.13	3.06	38.25	3.17	37.16	3.27	36.55	3.33	36.07	3.37	34.76	3.47
	40	36	39.26	2.97	38.39	3.06	37.29	3.16	36.68	3.22	36.19	3.26	34.88	3.36
	45	41	39.43	2.84	38.55	2.94	37.45	3.03	36.84	3.08	36.35	3.12	35.03	3.22
	47	43	39.50	2.79	38.62	2.88	37.51	2.98	36.90	3.03	36.41	3.07	35.09	3.16
	50	46	39.61	2.77	38.82	2.86	37.86	2.94	37.31	2.99	36.87	3.02	35.62	3.10
	55	51	39.81	2.74	39.15	2.81	38.43	2.88	37.98	2.91	37.63	2.94	36.52	3.00
	60	56	40.00	2.71	39.48	2.77	39.00	2.82	38.66	2.84	38.39	2.86	37.41	2.90
28	63	59	40.12	2.70	39.68	2.74	39.34	2.78	39.07	2.80	38.85	2.81	37.95	2.84
	68	64	40.23	2.68	39.88	2.71	39.68	2.75	39.48	2.75	39.32	2.76	38.49	2.78
	-13	-13.4	27.95	3.56	27.32	3.67	26.54	3.79	26.11	3.86	25.76	3.91	24.83	4.03
	-4	-4.4	31.64	3.69	30.93	3.82	30.05	3.94	29.56	4.01	29.17	4.06	28.11	4.18
	0	-0.4	33.65	3.74	32.90	3.87	31.96	3.99	31.44	4.06	31.02	4.11	29.89	4.23
	5	4.5	36.16	3.80	35.36	3.93	34.35	4.06	33.78	4.13	33.34	4.18	32.12	4.31
	10	9	37.84	3.71	37.00	3.84	35.94	3.96	35.35	4.03	34.88	4.08	33.62	4.21
	17	15	40.08	3.65	39.19	3.77	38.07	3.89	37.44	3.96	36.95	4.01	35.60	4.13
	20	19	40.22	3.54	39.32	3.66	38.20	3.78	37.58	3.84	37.08	3.90	35.73	4.01
	25	23	40.36	3.44	39.46	3.56	38.33	3.67	37.71	3.73	37.21	3.78	35.85	3.89
	30	28	40.54	3.31	39.63	3.42	38.50	3.53	37.87	3.59	37.37	3.64	36.01	3.75
	35	32	40.68	3.21	39.77	3.31	38.63	3.42	38.00	3.48	37.50	3.53	36.13	3.63
	40	36	40.82	3.10	39.90	3.21	38.76	3.31	38.13	3.37	37.62	3.41	36.26	3.51
	45	41	40.99	2.97	40.08	3.07	38.93	3.17	38.29	3.23	37.79	3.27	36.41	3.37
	47	43	41.06	2.92	40.14	3.02	39.00	3.12	38.36	3.17	37.85	3.21	36.47	3.31
	50	46	41.18	2.90	40.35	2.99	39.35	3.08	38.78	3.12	38.33	3.16	37.03	3.25
	55	51	41.38	2.87	40.70	2.94	39.95	3.01	39.49	3.05	39.12	3.08	37.96	3.14
29	60	56	41.58	2.84	41.04	2.89	40.54	2.95	40.19	2.97	39.91	2.99	38.89	3.04
	63	59	41.71	2.82	41.25	2.87	40.89	2.91	40.61	2.93	40.39	2.94	39.45	2.97
	68	64	41.83	2.80	41.46	2.84	41.25	2.87	41.04	2.88	40.87	2.89	40.02	2.91
	-13	-13.4	29.01	3.71	28.36	3.84	27.55	3.96	27.10	4.03	26.74	4.08	25.76	4.21
	-4	-4.4	32.84	3.85	32.10	3.98	31.19	4.11	30.68	4.18	30.27	4.24	29.17	4.37
	0	-0.4	34.92	3.91	34.14	4.04	33.17	4.17	32.63	4.24	32.19	4.30	31.02	4.42
	5	4.5	37.53	3.97	36.69	4.10	35.64	4.23	35.06	4.31	34.60	4.37	33.34	4.50
	10	9	39.27	3.88	38.40	4.01	37.30	4.14	36.69	4.21	36.20	4.26	34.89	4.39
	17	15	41.60	3.81	40.67	3.94	39.51	4.06	38.86	4.13	38.34	4.19	36.95	4.31
	20	19	41.74	3.70	40.81	3.82	39.64	3.95	39.00	4.02	38.48	4.07	37.08	4.19
	25	23	41.89	3.59	40.95	3.71	39.78	3.83	39.13	3.90	38.61	3.95	37.21	4.07
	30	28	42.07	3.46	41.13	3.57	39.95	3.69	39.30	3.75	38.78	3.80	37.37	3.91
	35	32	42.21	3.35	41.27	3.46	40.09	3.57	39.44	3.63	38.91	3.68	37.50	3.79
	40	36	42.36	3.24	41.41	3.35	40.23	3.46	39.57	3.52	39.05	3.56	37.63	3.67
	45	41	42.54	3.10	41.59	3.21	40.40	3.31	39.74	3.37	39.21	3.41	37.79	3.51
	47	43	42.61	3.05	41.66	3.15	40.47	3.25	39.81	3.31	39.28	3.35	37.85	3.45
	50	46	42.74	3.03	41.88	3.12	40.84	3.21	40.25	3.26	39.78	3.30	38.43	3.39
	55	51	42.95	3.00	42.24	3.07	41.46	3.15	40.98	3.18	40.60	3.21	39.40	3.28
	60	56	43.16	2.96	42.59	3.02	42.07	3.08	41.71	3.10	41.42	3.12	40.36	3.17
	63	59	43.28	2.95	42.81	2.99	42.44	3.04	42.15	3.05	41.92	3.07	40.94	3.10
	68	64	43.41	2.93	43.03	2.96	42.81	3.00	42.59	3.01	42.42	3.01	41.53	3.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 64: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	30.07	3.88	29.40	4.01	28.56	4.14	28.09	4.21	27.72	4.26	26.71	4.39
	-4	-4.4	34.04	4.03	33.28	4.16	32.33	4.29	31.80	4.37	31.38	4.43	30.24	4.56
	0	-0.4	36.20	4.08	35.40	4.21	34.38	4.35	33.82	4.42	33.37	4.48	32.16	4.62
	5	4.5	38.91	4.15	38.04	4.28	36.95	4.42	36.35	4.50	35.86	4.56	34.56	4.70
	10	9	40.71	4.05	39.80	4.18	38.67	4.32	38.04	4.39	37.53	4.45	36.17	4.58
	17	15	43.12	3.98	42.16	4.11	40.95	4.24	40.29	4.31	39.75	4.37	38.30	4.50
	20	19	43.27	3.86	42.31	3.99	41.10	4.12	40.43	4.19	39.89	4.24	38.44	4.37
	25	23	43.42	3.75	42.45	3.87	41.24	4.00	40.57	4.06	40.03	4.12	38.57	4.24
	30	28	43.61	3.61	42.64	3.73	41.42	3.85	40.74	3.91	40.20	3.96	38.74	4.08
	35	32	43.76	3.50	42.78	3.61	41.56	3.72	40.88	3.79	40.34	3.84	38.87	3.96
	40	36	43.91	3.38	42.93	3.49	41.71	3.60	41.02	3.67	40.48	3.72	39.01	3.83
	45	41	44.10	3.24	43.12	3.35	41.88	3.45	41.20	3.51	40.65	3.56	39.17	3.67
	47	43	44.18	3.18	43.19	3.29	41.96	3.39	41.27	3.45	40.72	3.50	39.24	3.60
	50	46	44.31	3.16	43.41	3.26	42.34	3.35	41.72	3.40	41.23	3.44	39.84	3.53
	55	51	44.52	3.13	43.78	3.21	42.98	3.28	42.48	3.32	42.09	3.35	40.84	3.42
	60	56	44.74	3.10	44.16	3.16	43.61	3.21	43.24	3.24	42.94	3.26	41.84	3.31
31	63	59	44.87	3.08	44.38	3.13	44.00	3.17	43.70	3.19	43.45	3.20	42.44	3.24
	68	64	45.00	3.06	44.60	3.10	44.38	3.13	44.15	3.14	43.97	3.15	43.05	3.17
	-13	-13.4	31.13	4.03	30.43	4.17	29.56	4.30	29.08	4.38	28.69	4.44	27.65	4.57
	-4	-4.4	35.24	4.19	34.45	4.33	33.47	4.47	32.92	4.54	32.48	4.61	31.30	4.74
	0	-0.4	37.48	4.25	36.64	4.38	35.59	4.52	35.01	4.60	34.55	4.66	33.29	4.80
	5	4.5	40.27	4.31	39.37	4.46	38.25	4.60	37.62	4.68	37.12	4.74	35.77	4.89
	10	9	42.14	4.21	41.20	4.35	40.03	4.49	39.37	4.57	38.85	4.63	37.44	4.77
	17	15	44.64	4.14	43.64	4.28	42.39	4.41	41.70	4.49	41.15	4.55	39.65	4.68
	20	19	44.79	4.02	43.79	4.15	42.54	4.28	41.85	4.36	41.29	4.42	39.79	4.55
	25	23	44.95	3.90	43.95	4.03	42.69	4.16	41.99	4.23	41.43	4.29	39.93	4.42
	30	28	45.14	3.76	44.14	3.88	42.87	4.00	42.17	4.07	41.61	4.12	40.10	4.25
	35	32	45.30	3.64	44.29	3.76	43.02	3.88	42.32	3.94	41.76	4.00	40.24	4.12
	40	36	45.46	3.52	44.44	3.64	43.17	3.75	42.47	3.81	41.90	3.87	40.38	3.98
	45	41	45.65	3.37	44.63	3.48	43.36	3.59	42.65	3.65	42.08	3.70	40.55	3.82
	47	43	45.73	3.31	44.71	3.42	43.43	3.53	42.72	3.59	42.15	3.64	40.62	3.75
	50	46	45.86	3.29	44.94	3.39	43.83	3.49	43.19	3.54	42.68	3.58	41.24	3.68
32	55	51	46.09	3.26	45.32	3.34	44.49	3.42	43.98	3.45	43.57	3.49	42.28	3.56
	60	56	46.31	3.22	45.71	3.29	45.15	3.35	44.76	3.37	44.45	3.39	43.31	3.44
	63	59	46.45	3.20	45.94	3.25	45.54	3.30	45.23	3.32	44.98	3.33	43.94	3.37
	68	64	46.58	3.18	46.17	3.22	45.94	3.26	45.71	3.27	45.52	3.28	44.57	3.30
	-13	-13.4	32.19	4.20	31.47	4.34	30.57	4.47	30.07	4.55	29.67	4.61	28.59	4.75
	-4	-4.4	36.44	4.36	35.63	4.50	34.61	4.65	34.04	4.73	33.59	4.79	32.37	4.93
	0	-0.4	38.76	4.41	37.89	4.56	36.81	4.71	36.21	4.79	35.73	4.85	34.43	5.00
	5	4.5	41.65	4.49	40.72	4.64	39.56	4.79	38.91	4.87	38.39	4.93	37.00	5.08
	10	9	43.59	4.38	42.61	4.53	41.39	4.67	40.72	4.75	40.18	4.81	38.72	4.96
	17	15	46.16	4.30	45.13	4.45	43.84	4.59	43.13	4.67	42.55	4.73	41.01	4.88
	20	19	46.32	4.18	45.29	4.32	44.00	4.46	43.28	4.54	42.70	4.60	41.15	4.74
	25	23	46.49	4.06	45.45	4.19	44.15	4.33	43.43	4.40	42.85	4.46	41.29	4.60
	30	28	46.69	3.91	45.64	4.04	44.34	4.17	43.62	4.24	43.04	4.30	41.47	4.43
	35	32	46.85	3.78	45.80	3.91	44.49	4.03	43.77	4.10	43.18	4.16	41.61	4.29
	40	36	47.01	3.66	45.96	3.78	44.65	3.90	43.92	3.97	43.33	4.03	41.76	4.15
	45	41	47.21	3.51	46.16	3.62	44.84	3.74	44.10	3.81	43.52	3.86	41.94	3.97
	47	43	47.29	3.45	46.23	3.56	44.91	3.68	44.18	3.74	43.59	3.79	42.01	3.90
	50	46	47.43	3.42	46.47	3.53	45.32	3.63	44.67	3.69	44.14	3.73	42.65	3.83
	55	51	47.66	3.39	46.87	3.47	46.01	3.56	45.48	3.60	45.06	3.63	43.72	3.71
	60	56	47.89	3.35	47.27	3.42	46.69	3.48	46.29	3.51	45.97	3.53	44.79	3.58
	63	59	48.03	3.33	47.51	3.38	47.10	3.43	46.78	3.45	46.52	3.47	45.44	3.51
	68	64	48.17	3.31	47.75	3.35	47.51	3.39	47.27	3.40	47.07	3.41	46.09	3.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 65: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	33.25	4.37	32.50	4.51	31.57	4.65	31.06	4.73	30.65	4.80	29.53	4.94
	-4	-4.4	37.64	4.54	36.80	4.68	35.75	4.83	35.16	4.92	34.69	4.98	33.43	5.13
	0	-0.4	40.03	4.59	39.13	4.74	38.02	4.90	37.40	4.98	36.90	5.05	35.56	5.20
	5	4.5	43.02	4.67	42.06	4.83	40.86	4.98	40.19	5.06	39.65	5.13	38.21	5.29
	10	9	45.02	4.56	44.01	4.71	42.75	4.86	42.05	4.94	41.49	5.01	39.99	5.16
	17	15	47.68	4.48	46.61	4.62	45.28	4.77	44.54	4.86	43.95	4.92	42.35	5.07
	20	19	47.85	4.35	46.78	4.49	45.44	4.64	44.70	4.72	44.10	4.78	42.50	4.93
	25	23	48.01	4.22	46.94	4.36	45.60	4.50	44.85	4.58	44.26	4.64	42.65	4.78
	30	28	48.22	4.06	47.14	4.20	45.80	4.33	45.05	4.41	44.45	4.47	42.83	4.60
	35	32	48.39	3.93	47.30	4.07	45.95	4.20	45.20	4.27	44.60	4.33	42.98	4.46
	40	36	48.55	3.81	47.47	3.93	46.11	4.06	45.36	4.13	44.76	4.19	43.13	4.31
	45	41	48.76	3.65	47.67	3.77	46.31	3.89	45.55	3.96	44.95	4.01	43.31	4.13
	47	43	48.84	3.58	47.75	3.70	46.39	3.82	45.63	3.89	45.02	3.94	43.39	4.06
	50	46	48.99	3.56	48.00	3.67	46.81	3.78	46.13	3.83	45.59	3.88	44.05	3.98
	55	51	49.23	3.52	48.41	3.61	47.52	3.70	46.97	3.74	46.53	3.77	45.16	3.86
	60	56	49.47	3.49	48.82	3.55	48.22	3.62	47.81	3.65	47.48	3.67	46.26	3.73
34	-13	-13.4	34.31	4.53	33.54	4.68	32.59	4.83	32.05	4.91	31.63	4.97	30.48	5.12
	-4	-4.4	38.84	4.70	37.97	4.86	36.89	5.01	36.29	5.10	35.80	5.17	34.50	5.32
	0	-0.4	41.31	4.76	40.39	4.92	39.23	5.08	38.59	5.17	38.08	5.24	36.69	5.40
	5	4.5	44.39	4.84	43.40	5.00	42.16	5.16	41.47	5.25	40.92	5.32	39.43	5.48
	10	9	46.46	4.73	45.42	4.88	44.12	5.04	43.40	5.13	42.82	5.20	41.27	5.35
	17	15	49.20	4.65	48.10	4.80	46.73	4.95	45.97	5.04	45.36	5.11	43.71	5.26
	20	19	49.38	4.51	48.27	4.66	46.89	4.81	46.13	4.90	45.51	4.96	43.86	5.11
	25	23	49.55	4.38	48.44	4.53	47.06	4.67	46.29	4.75	45.67	4.82	44.01	4.96
	30	28	49.76	4.22	48.65	4.36	47.26	4.49	46.49	4.57	45.87	4.63	44.20	4.77
	35	32	49.93	4.08	48.82	4.22	47.42	4.35	46.65	4.43	46.03	4.49	44.36	4.62
	40	36	50.11	3.95	48.99	4.08	47.59	4.21	46.81	4.28	46.19	4.34	44.51	4.47
	45	41	50.32	3.78	49.20	3.91	47.79	4.03	47.01	4.10	46.39	4.16	44.70	4.28
	47	43	50.41	3.72	49.28	3.84	47.87	3.96	47.09	4.03	46.46	4.09	44.77	4.21
	50	46	50.55	3.70	49.53	3.80	48.31	3.91	47.61	3.97	47.05	4.02	45.46	4.13
	55	51	50.80	3.66	49.96	3.75	49.04	3.83	48.47	3.88	48.02	3.91	46.60	4.00
	60	56	51.05	3.62	50.38	3.69	49.76	3.75	49.34	3.78	49.00	3.80	47.74	3.86
	63	59	51.20	3.59	50.64	3.65	50.20	3.71	49.86	3.72	49.58	3.74	48.43	3.78
35	-13	-13.4	35.37	4.70	34.58	4.85	33.59	5.01	33.04	5.09	32.60	5.16	31.42	5.32
	-4	-4.4	40.04	4.88	39.14	5.04	38.03	5.20	37.40	5.29	36.91	5.36	35.57	5.52
	0	-0.4	42.58	4.94	41.63	5.11	40.44	5.27	39.78	5.36	39.25	5.43	37.82	5.60
	5	4.5	45.76	5.02	44.74	5.19	43.46	5.35	42.75	5.45	42.18	5.52	40.65	5.69
	10	9	47.89	4.90	46.82	5.06	45.48	5.23	44.74	5.32	44.14	5.39	42.54	5.55
	17	15	50.72	4.82	49.59	4.98	48.17	5.14	47.38	5.23	46.75	5.30	45.05	5.46
	20	19	50.90	4.68	49.76	4.84	48.34	4.99	47.55	5.08	46.92	5.15	45.21	5.30
	25	23	51.07	4.55	49.93	4.70	48.51	4.85	47.71	4.93	47.08	4.99	45.37	5.14
	30	28	51.29	4.37	50.15	4.52	48.72	4.66	47.92	4.74	47.28	4.80	45.56	4.95
	35	32	51.47	4.24	50.32	4.38	48.88	4.51	48.09	4.59	47.45	4.65	45.72	4.79
	40	36	51.65	4.10	50.49	4.23	49.05	4.37	48.25	4.44	47.61	4.50	45.88	4.64
	45	41	51.87	3.93	50.71	4.05	49.26	4.18	48.46	4.25	47.81	4.31	46.07	4.44
	47	43	51.96	3.86	50.80	3.98	49.35	4.11	48.54	4.18	47.89	4.24	46.15	4.37
	50	46	52.11	3.83	51.06	3.95	49.80	4.06	49.07	4.12	48.50	4.17	46.86	4.28
	55	51	52.37	3.79	51.50	3.89	50.55	3.98	49.97	4.02	49.50	4.06	48.04	4.14
	60	56	52.62	3.75	51.93	3.82	51.30	3.89	50.86	3.92	50.51	3.95	49.21	4.01
	63	59	52.77	3.73	52.20	3.79	51.75	3.84	51.39	3.86	51.11	3.88	49.92	3.92
	68	64	52.93	3.70	52.46	3.75	52.20	3.79	51.93	3.80	51.72	3.81	50.64	3.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 66: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	36.43	4.88	35.62	5.04	34.60	5.20	34.03	5.29	33.58	5.36	32.36	5.52
	-4	-4.4	41.24	5.06	40.32	5.23	39.17	5.40	38.53	5.49	38.02	5.57	36.63	5.73
	0	-0.4	43.86	5.13	42.88	5.30	41.66	5.47	40.98	5.56	40.43	5.64	38.96	5.81
	5	4.5	47.14	5.22	46.08	5.39	44.77	5.56	44.04	5.66	43.45	5.73	41.87	5.90
	10	9	49.33	5.09	48.22	5.26	46.85	5.43	46.08	5.52	45.47	5.60	43.82	5.76
	17	15	52.24	5.00	51.08	5.17	49.62	5.33	48.81	5.43	48.16	5.50	46.41	5.67
	20	19	52.43	4.86	51.26	5.02	49.79	5.18	48.98	5.27	48.33	5.34	46.57	5.50
	25	23	52.61	4.72	51.43	4.88	49.96	5.03	49.15	5.12	48.49	5.19	46.73	5.34
	30	28	52.84	4.54	51.66	4.69	50.18	4.84	49.36	4.92	48.71	4.99	46.93	5.14
	35	32	53.02	4.40	51.84	4.54	50.35	4.69	49.53	4.77	48.87	4.83	47.10	4.98
	40	36	53.20	4.26	52.01	4.39	50.53	4.53	49.70	4.61	49.04	4.67	47.26	4.81
	45	41	53.43	4.08	52.24	4.21	50.74	4.34	49.91	4.42	49.25	4.48	47.46	4.61
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99
37	-13	-13.4	36.98	4.94	36.15	5.11	35.12	5.27	34.54	5.36	34.08	5.43	32.85	5.60
	-4	-4.4	41.86	5.14	40.93	5.30	39.76	5.47	39.11	5.57	38.59	5.64	37.18	5.81
	0	-0.4	44.52	5.20	43.53	5.37	42.28	5.54	41.59	5.64	41.04	5.72	39.55	5.89
	5	4.5	47.85	5.29	46.78	5.46	45.44	5.64	44.70	5.73	44.10	5.81	42.50	5.99
	10	9	50.07	5.16	48.95	5.33	47.55	5.50	46.77	5.60	46.15	5.67	44.47	5.84
	17	15	53.03	5.07	51.84	5.24	50.36	5.41	49.54	5.50	48.88	5.58	47.10	5.74
	20	19	53.21	4.93	52.02	5.09	50.54	5.25	49.71	5.35	49.05	5.42	47.27	5.58
	25	23	53.40	4.78	52.21	4.94	50.71	5.10	49.89	5.19	49.22	5.26	47.43	5.41
	30	28	53.63	4.60	52.43	4.76	50.93	4.91	50.10	4.99	49.44	5.06	47.64	5.21
	35	32	53.82	4.46	52.61	4.61	51.11	4.75	50.27	4.83	49.61	4.90	47.80	5.04
	40	36	54.00	4.31	52.79	4.46	51.29	4.60	50.45	4.68	49.78	4.74	47.97	4.88
	45	41	54.23	4.13	53.02	4.27	51.51	4.40	50.66	4.48	49.99	4.54	48.17	4.68
	47	43	54.32	4.06	53.11	4.19	51.59	4.33	50.75	4.40	50.08	4.46	48.25	4.60
	50	46	54.48	4.03	53.38	4.15	52.06	4.27	51.31	4.34	50.71	4.39	48.99	4.51
	55	51	54.75	3.99	53.84	4.09	52.85	4.19	52.24	4.23	51.76	4.27	50.22	4.36
	60	56	55.02	3.95	54.30	4.03	53.63	4.10	53.17	4.13	52.81	4.15	51.46	4.22
	63	59	55.18	3.92	54.57	3.99	54.10	4.05	53.73	4.07	53.44	4.08	52.19	4.13
	68	64	55.34	3.90	54.85	3.95	54.58	3.99	54.30	4.01	54.07	4.01	52.94	4.05
38	-13	-13.4	37.52	5.02	36.68	5.19	35.64	5.36	35.05	5.45	34.59	5.52	33.33	5.69
	-4	-4.4	42.48	5.22	41.53	5.39	40.34	5.56	39.69	5.66	39.16	5.73	37.73	5.91
	0	-0.4	45.18	5.28	44.17	5.46	42.91	5.63	42.21	5.73	41.65	5.81	40.13	5.98
	5	4.5	48.55	5.37	47.47	5.55	46.11	5.73	45.36	5.83	44.76	5.90	43.13	6.08
	10	9	50.81	5.24	49.67	5.42	48.25	5.59	47.46	5.69	46.83	5.76	45.13	5.94
	17	15	53.81	5.15	52.61	5.32	51.11	5.49	50.27	5.59	49.60	5.66	47.80	5.84
	20	19	54.00	5.01	52.79	5.17	51.29	5.34	50.45	5.43	49.78	5.50	47.97	5.67
	25	23	54.19	4.86	52.98	5.02	51.46	5.18	50.62	5.27	49.95	5.34	48.13	5.50
	30	28	54.42	4.68	53.21	4.83	51.69	4.98	50.84	5.07	50.17	5.14	48.34	5.29
	35	32	54.61	4.53	53.39	4.68	51.86	4.83	51.02	4.91	50.34	4.98	48.51	5.13
	40	36	54.80	4.38	53.57	4.53	52.04	4.67	51.19	4.75	50.51	4.81	48.68	4.96
	45	41	55.03	4.20	53.80	4.34	52.27	4.47	51.41	4.55	50.73	4.61	48.88	4.75
	47	43	55.13	4.12	53.90	4.26	52.36	4.39	51.50	4.47	50.82	4.53	48.97	4.67
	50	46	55.29	4.10	54.17	4.22	52.83	4.34	52.07	4.41	51.45	4.46	49.72	4.58
	55	51	55.56	4.06	54.64	4.15	53.63	4.25	53.01	4.30	52.52	4.34	50.97	4.43
	60	56	55.83	4.01	55.10	4.09	54.42	4.16	53.96	4.19	53.59	4.22	52.22	4.28
	63	59	55.99	3.99	55.38	4.05	54.90	4.11	54.53	4.13	54.23	4.15	52.97	4.20
	68	64	56.15	3.96	55.66	4.01	55.38	4.06	55.10	4.07	54.87	4.08	53.73	4.11

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 67: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	38.07	5.09	37.22	5.26	36.16	5.43	35.56	5.53	35.09	5.60	33.82	5.77
	-4	-4.4	43.10	5.29	42.14	5.46	40.93	5.64	40.26	5.74	39.73	5.81	38.28	5.99
	0	-0.4	45.84	5.36	44.81	5.54	43.53	5.72	42.82	5.82	42.25	5.89	40.72	6.07
	5	4.5	49.26	5.45	48.16	5.63	46.78	5.81	46.02	5.91	45.41	5.99	43.76	6.17
	10	9	51.55	5.32	50.39	5.50	48.95	5.67	48.15	5.77	47.51	5.85	45.79	6.02
	17	15	54.60	5.23	53.38	5.40	51.85	5.57	51.00	5.67	50.33	5.74	48.50	5.92
	20	19	54.79	5.08	53.56	5.24	52.03	5.41	51.18	5.50	50.50	5.58	48.67	5.75
	25	23	54.98	4.93	53.75	5.09	52.21	5.25	51.36	5.34	50.68	5.42	48.83	5.58
	30	28	55.22	4.74	53.98	4.90	52.44	5.06	51.58	5.14	50.90	5.21	49.05	5.37
	35	32	55.41	4.59	54.17	4.74	52.62	4.90	51.76	4.98	51.07	5.05	49.22	5.20
	40	36	55.60	4.44	54.35	4.59	52.80	4.74	51.94	4.82	51.25	4.89	49.38	5.03
	45	41	55.83	4.26	54.59	4.40	53.03	4.54	52.16	4.62	51.47	4.68	49.60	4.82
	47	43	55.93	4.18	54.68	4.32	53.12	4.46	52.25	4.54	51.56	4.60	49.68	4.74
	50	46	56.09	4.16	54.96	4.28	53.60	4.41	52.83	4.47	52.20	4.53	50.44	4.65
	55	51	56.37	4.11	55.43	4.22	54.41	4.32	53.79	4.37	53.29	4.41	51.71	4.50
40	60	56	56.64	4.07	55.90	4.15	55.22	4.22	54.74	4.26	54.37	4.28	52.98	4.35
	63	59	56.81	4.04	56.19	4.11	55.70	4.17	55.32	4.19	55.02	4.21	53.74	4.26
	68	64	56.97	4.02	56.47	4.07	56.19	4.12	55.90	4.13	55.67	4.14	54.51	4.17
	-13	-13.4	38.62	5.17	37.75	5.34	36.67	5.52	36.08	5.61	35.60	5.69	34.30	5.86
	-4	-4.4	43.72	5.37	42.74	5.55	41.52	5.73	40.84	5.82	40.30	5.90	38.83	6.08
	0	-0.4	46.49	5.45	45.46	5.63	44.16	5.81	43.44	5.91	42.86	5.98	41.30	6.16
	5	4.5	49.97	5.53	48.85	5.72	47.45	5.90	46.68	6.00	46.06	6.08	44.38	6.27
	10	9	52.29	5.40	51.12	5.58	49.66	5.76	48.85	5.86	48.20	5.94	46.44	6.12
	17	15	55.38	5.31	54.14	5.48	52.60	5.66	51.74	5.75	51.05	5.83	49.19	6.01
	20	19	55.57	5.16	54.33	5.33	52.78	5.49	51.92	5.59	51.23	5.67	49.36	5.84
	25	23	55.77	5.00	54.52	5.17	52.96	5.33	52.10	5.43	51.40	5.50	49.54	5.67
	30	28	56.01	4.81	54.76	4.97	53.19	5.13	52.32	5.22	51.63	5.29	49.75	5.45
	35	32	56.20	4.66	54.95	4.82	53.38	4.97	52.50	5.06	51.81	5.13	49.92	5.28
	40	36	56.39	4.51	55.13	4.66	53.56	4.81	52.68	4.90	51.98	4.96	50.09	5.11
	45	41	56.64	4.32	55.37	4.47	53.79	4.61	52.91	4.69	52.21	4.76	50.31	4.90
	47	43	56.73	4.25	55.47	4.39	53.88	4.53	53.00	4.61	52.30	4.67	50.39	4.81
41	50	46	56.90	4.22	55.75	4.35	54.37	4.48	53.58	4.54	52.95	4.60	51.17	4.72
	55	51	57.18	4.18	56.23	4.28	55.19	4.38	54.56	4.43	54.05	4.47	52.45	4.57
	60	56	57.46	4.13	56.71	4.21	56.01	4.29	55.53	4.32	55.15	4.35	53.74	4.42
	63	59	57.62	4.10	56.99	4.17	56.50	4.23	56.11	4.26	55.81	4.27	54.51	4.32
	68	64	57.79	4.08	57.28	4.13	57.00	4.18	56.70	4.19	56.47	4.20	55.29	4.23
	-13	-13.4	39.16	5.25	38.29	5.42	37.19	5.59	36.59	5.69	36.10	5.77	34.79	5.94
	-4	-4.4	44.34	5.45	43.35	5.63	42.11	5.81	41.42	5.91	40.87	5.99	39.38	6.17
	0	-0.4	47.15	5.52	46.10	5.70	44.78	5.89	44.05	5.99	43.46	6.07	41.88	6.25
	5	4.5	50.67	5.61	49.54	5.80	48.13	5.98	47.34	6.08	46.71	6.17	45.01	6.35
	10	9	53.03	5.48	51.84	5.66	50.36	5.84	49.54	5.94	48.88	6.02	47.10	6.20
	17	15	56.16	5.38	54.91	5.56	53.34	5.74	52.47	5.84	51.77	5.92	49.89	6.09
	20	19	56.36	5.23	55.10	5.40	53.53	5.58	52.65	5.67	51.95	5.75	50.06	5.92
	25	23	56.56	5.08	55.29	5.25	53.71	5.41	52.83	5.50	52.13	5.58	50.24	5.75
	30	28	56.80	4.89	55.53	5.05	53.94	5.21	53.06	5.30	52.36	5.37	50.45	5.53
	35	32	57.00	4.73	55.72	4.89	54.13	5.04	53.25	5.13	52.54	5.20	50.63	5.35
	40	36	57.19	4.58	55.91	4.73	54.32	4.88	53.43	4.96	52.72	5.03	50.80	5.18
	45	41	57.44	4.39	56.15	4.53	54.55	4.67	53.66	4.75	52.95	4.82	51.02	4.96
	47	43	57.54	4.31	56.25	4.45	54.64	4.59	53.75	4.67	53.04	4.73	51.11	4.88
	50	46	57.70	4.28	56.54	4.41	55.14	4.54	54.34	4.60	53.70	4.66	51.89	4.78
	55	51	57.99	4.24	57.02	4.34	55.97	4.44	55.33	4.49	54.82	4.53	53.19	4.63
	60	56	58.27	4.19	57.51	4.27	56.80	4.35	56.32	4.38	55.93	4.41	54.50	4.48
	63	59	58.44	4.17	57.80	4.23	57.30	4.30	56.91	4.32	56.59	4.33	55.28	4.39
	68	64	58.61	4.14	58.09	4.19	57.80	4.24	57.51	4.25	57.27	4.26	56.07	4.30

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 68: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
43	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36
	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
44	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36
	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 69: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36
46	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36
47	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 70: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
49	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36
	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
50	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36
	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA421A

Maximum Heating Capacity Tables

MULTI F ^{WITH LGRED°}
MULTI F MAX

Table 71: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
51	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36
52	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36
53	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 72: KUMXA421A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
55	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36
	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26
	45	41	58.24	4.45	56.94	4.60	55.31	4.74	54.41	4.82	53.68	4.89	51.73	5.04
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
56	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36
	-13	-13.4	39.71	5.33	38.82	5.50	37.71	5.68	37.10	5.78	36.60	5.85	35.27	6.03
	-4	-4.4	44.95	5.53	43.95	5.71	42.69	5.90	42.00	6.00	41.44	6.08	39.93	6.26
	0	-0.4	47.81	5.60	46.74	5.79	45.41	5.97	44.66	6.08	44.07	6.16	42.47	6.35
	5	4.5	51.38	5.70	50.23	5.88	48.80	6.07	48.00	6.18	47.36	6.26	45.64	6.45
	10	9	53.77	5.56	52.56	5.74	51.06	5.93	50.23	6.03	49.56	6.11	47.76	6.30
	17	15	56.95	5.46	55.67	5.64	54.08	5.83	53.20	5.93	52.49	6.01	50.58	6.19
	20	19	57.15	5.31	55.87	5.48	54.27	5.66	53.39	5.76	52.68	5.83	50.76	6.01
	25	23	57.34	5.15	56.06	5.32	54.46	5.49	53.57	5.59	52.86	5.66	50.94	5.83
	30	28	57.59	4.96	56.31	5.12	54.70	5.29	53.80	5.38	53.09	5.45	51.16	5.61
	35	32	57.79	4.80	56.50	4.96	54.89	5.12	53.99	5.21	53.27	5.28	51.33	5.43
	40	36	57.99	4.65	56.69	4.80	55.07	4.95	54.18	5.04	53.46	5.10	51.51	5.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 73: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	16.93	1.96	16.55	2.03	16.08	2.09	15.81	2.13	15.60	2.16	15.04	2.22
	-4	-4.4	19.52	2.07	19.08	2.14	18.54	2.21	18.23	2.24	17.99	2.28	17.34	2.34
	0	-0.4	20.92	2.11	20.45	2.18	19.87	2.25	19.54	2.29	19.28	2.32	18.58	2.39
	5	4.5	22.67	2.16	22.16	2.23	21.53	2.30	21.18	2.34	20.90	2.37	20.14	2.44
	10	9	23.41	2.08	22.89	2.15	22.23	2.22	21.87	2.26	21.58	2.29	20.79	2.36
	17	15	24.40	2.03	23.85	2.09	23.17	2.16	22.79	2.20	22.49	2.23	21.67	2.30
	20	19	24.55	1.98	24.00	2.04	23.32	2.11	22.94	2.14	22.63	2.17	21.81	2.24
	25	23	24.71	1.93	24.15	1.99	23.46	2.05	23.08	2.09	22.77	2.12	21.94	2.18
	30	28	24.90	1.86	24.34	1.92	23.65	1.98	23.26	2.02	22.95	2.05	22.12	2.11
	35	32	25.05	1.81	24.49	1.87	23.79	1.93	23.40	1.96	23.09	1.99	22.25	2.05
	40	36	25.21	1.76	24.64	1.82	23.94	1.87	23.55	1.91	23.23	1.93	22.39	1.99
	45	41	25.40	1.69	24.83	1.75	24.12	1.81	23.73	1.84	23.41	1.86	22.56	1.92
	47	43	25.48	1.67	24.91	1.72	24.20	1.78	23.80	1.81	23.48	1.83	22.63	1.89
	50	46	25.55	1.66	25.04	1.71	24.42	1.76	24.06	1.78	23.78	1.81	22.98	1.85
	55	51	25.68	1.64	25.25	1.68	24.78	1.72	24.50	1.74	24.27	1.76	23.55	1.79
	60	56	25.80	1.62	25.46	1.65	25.15	1.69	24.94	1.70	24.76	1.71	24.13	1.73
	63	59	25.88	1.61	25.59	1.64	25.37	1.66	25.20	1.67	25.06	1.68	24.48	1.70
	68	64	25.95	1.60	25.72	1.62	25.59	1.64	25.46	1.65	25.36	1.65	24.83	1.66
19	-13	-13.4	17.97	2.10	17.56	2.17	17.06	2.24	16.78	2.28	16.56	2.31	15.96	2.38
	-4	-4.4	20.72	2.22	20.25	2.29	19.67	2.37	19.35	2.41	19.10	2.44	18.40	2.51
	0	-0.4	22.20	2.26	21.71	2.34	21.09	2.41	20.74	2.45	20.47	2.48	19.72	2.56
	5	4.5	24.06	2.31	23.52	2.39	22.85	2.47	22.48	2.51	22.18	2.54	21.37	2.62
	10	9	24.85	2.23	24.29	2.31	23.60	2.38	23.21	2.42	22.90	2.45	22.07	2.53
	17	15	25.89	2.17	25.31	2.25	24.59	2.32	24.19	2.36	23.87	2.39	23.00	2.46
	20	19	26.06	2.12	25.47	2.19	24.75	2.26	24.34	2.30	24.02	2.33	23.15	2.40
	25	23	26.22	2.06	25.63	2.13	24.90	2.20	24.50	2.24	24.17	2.27	23.29	2.34
	30	28	26.43	1.99	25.83	2.06	25.10	2.13	24.69	2.16	24.36	2.19	23.47	2.26
	35	32	26.59	1.94	25.99	2.00	25.25	2.07	24.84	2.10	24.51	2.13	23.62	2.20
	40	36	26.75	1.88	26.15	1.95	25.41	2.01	24.99	2.04	24.66	2.07	23.76	2.13
	45	41	26.96	1.82	26.35	1.88	25.60	1.94	25.18	1.97	24.85	2.00	23.95	2.06
	47	43	27.04	1.79	26.43	1.85	25.68	1.91	25.26	1.94	24.92	1.97	24.02	2.03
	50	46	27.12	1.78	26.57	1.83	25.91	1.88	25.54	1.91	25.24	1.93	24.39	1.99
	55	51	27.25	1.76	26.80	1.80	26.30	1.85	26.00	1.87	25.76	1.88	25.00	1.92
	60	56	27.38	1.74	27.03	1.77	26.69	1.81	26.47	1.82	26.28	1.83	25.61	1.86
	63	59	27.46	1.73	27.16	1.76	26.93	1.78	26.74	1.79	26.60	1.80	25.98	1.82
	68	64	27.54	1.72	27.30	1.74	27.16	1.76	27.03	1.76	26.91	1.77	26.35	1.78
20	-13	-13.4	19.00	2.23	18.57	2.31	18.04	2.38	17.75	2.42	17.51	2.46	16.87	2.53
	-4	-4.4	21.91	2.36	21.42	2.43	20.80	2.51	20.46	2.56	20.19	2.59	19.46	2.67
	0	-0.4	23.48	2.40	22.95	2.48	22.30	2.56	21.93	2.60	21.64	2.64	20.85	2.72
	5	4.5	25.44	2.46	24.87	2.54	24.16	2.62	23.77	2.66	23.45	2.70	22.60	2.78
	10	9	26.27	2.37	25.69	2.45	24.95	2.53	24.54	2.57	24.22	2.60	23.34	2.68
	17	15	27.38	2.31	26.77	2.38	26.00	2.46	25.58	2.50	25.24	2.54	24.32	2.61
	20	19	27.55	2.25	26.94	2.32	26.17	2.40	25.74	2.44	25.40	2.47	24.47	2.55
	25	23	27.73	2.19	27.11	2.26	26.33	2.34	25.90	2.38	25.56	2.41	24.63	2.48
	30	28	27.94	2.12	27.32	2.19	26.54	2.26	26.10	2.30	25.76	2.33	24.82	2.40
	35	32	28.12	2.06	27.49	2.13	26.70	2.20	26.27	2.23	25.92	2.26	24.97	2.33
	40	36	28.29	2.00	27.66	2.07	26.87	2.13	26.43	2.17	26.08	2.20	25.13	2.27
	45	41	28.50	1.93	27.87	1.99	27.07	2.06	26.63	2.09	26.28	2.12	25.32	2.18
	47	43	28.59	1.90	27.95	1.96	27.15	2.03	26.71	2.06	26.36	2.09	25.40	2.15
	50	46	28.68	1.89	28.10	1.94	27.40	2.00	27.00	2.03	26.69	2.05	25.79	2.11
	55	51	28.82	1.87	28.34	1.91	27.81	1.96	27.49	1.98	27.24	2.00	26.43	2.04
	60	56	28.96	1.85	28.58	1.88	28.23	1.92	27.99	1.93	27.79	1.94	27.08	1.97
	63	59	29.04	1.84	28.72	1.87	28.47	1.89	28.28	1.90	28.12	1.91	27.47	1.93
	68	64	29.12	1.82	28.87	1.85	28.72	1.87	28.58	1.87	28.46	1.88	27.86	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 74: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	20.04	2.38	19.59	2.45	19.03	2.53	18.72	2.58	18.47	2.61	17.80	2.69
	-4	-4.4	23.10	2.50	22.59	2.59	21.94	2.67	21.58	2.72	21.30	2.75	20.52	2.84
	0	-0.4	24.76	2.55	24.21	2.64	23.52	2.72	23.13	2.77	22.82	2.80	21.99	2.89
	5	4.5	26.83	2.61	26.23	2.70	25.48	2.78	25.07	2.83	24.73	2.87	23.83	2.96
	10	9	27.71	2.52	27.09	2.60	26.32	2.69	25.89	2.73	25.54	2.77	24.61	2.85
	17	15	28.88	2.45	28.23	2.53	27.42	2.62	26.98	2.66	26.62	2.70	25.65	2.78
	20	19	29.06	2.39	28.41	2.47	27.60	2.55	27.15	2.59	26.79	2.63	25.81	2.71
	25	23	29.24	2.33	28.59	2.41	27.77	2.48	27.32	2.53	26.95	2.56	25.97	2.64
	30	28	29.47	2.25	28.81	2.33	27.99	2.40	27.53	2.44	27.16	2.48	26.18	2.55
	35	32	29.65	2.19	28.99	2.26	28.16	2.33	27.70	2.37	27.33	2.41	26.34	2.48
	40	36	29.83	2.13	29.17	2.20	28.33	2.27	27.87	2.31	27.50	2.34	26.50	2.41
	45	41	30.06	2.05	29.39	2.12	28.55	2.19	28.08	2.22	27.71	2.25	26.70	2.32
	47	43	30.15	2.02	29.48	2.09	28.64	2.15	28.17	2.19	27.80	2.22	26.78	2.29
	50	46	30.24	2.01	29.63	2.07	28.90	2.13	28.48	2.16	28.15	2.18	27.19	2.24
	55	51	30.39	1.99	29.89	2.03	29.33	2.08	29.00	2.11	28.73	2.13	27.88	2.17
	60	56	30.54	1.96	30.14	2.00	29.77	2.04	29.51	2.05	29.31	2.07	28.56	2.10
22	63	59	30.63	1.95	30.29	1.98	30.03	2.01	29.83	2.02	29.66	2.03	28.97	2.06
	68	64	30.72	1.94	30.45	1.96	30.29	1.99	30.14	1.99	30.01	2.00	29.39	2.01
	-13	-13.4	21.07	2.52	20.60	2.60	20.01	2.68	19.68	2.73	19.42	2.77	18.71	2.85
	-4	-4.4	24.29	2.65	23.75	2.74	23.07	2.83	22.69	2.88	22.39	2.92	21.58	3.00
	0	-0.4	26.03	2.70	25.45	2.79	24.73	2.88	24.32	2.93	24.00	2.97	23.13	3.06
	5	4.5	28.21	2.77	27.58	2.86	26.79	2.95	26.36	3.00	26.01	3.04	25.06	3.13
	10	9	29.13	2.67	28.48	2.76	27.67	2.85	27.22	2.89	26.86	2.93	25.88	3.02
	17	15	30.36	2.60	29.68	2.68	28.84	2.77	28.36	2.82	27.99	2.86	26.97	2.94
	20	19	30.55	2.53	29.87	2.62	29.02	2.70	28.54	2.75	28.16	2.78	27.14	2.87
	25	23	30.75	2.47	30.06	2.55	29.20	2.63	28.72	2.68	28.34	2.71	27.31	2.79
	30	28	30.99	2.39	30.29	2.46	29.43	2.54	28.95	2.59	28.56	2.62	27.52	2.70
	35	32	31.18	2.32	30.48	2.40	29.61	2.47	29.13	2.52	28.74	2.55	27.69	2.63
	40	36	31.37	2.25	30.67	2.33	29.79	2.40	29.31	2.44	28.92	2.48	27.87	2.55
	45	41	31.61	2.17	30.90	2.24	30.02	2.32	29.53	2.36	29.14	2.39	28.08	2.46
	47	43	31.71	2.14	31.00	2.21	30.11	2.28	29.62	2.32	29.23	2.35	28.16	2.42
	50	46	31.80	2.13	31.16	2.19	30.39	2.25	29.95	2.29	29.59	2.31	28.59	2.38
	55	51	31.95	2.10	31.42	2.16	30.84	2.21	30.49	2.23	30.21	2.25	29.31	2.30
23	60	56	32.11	2.08	31.69	2.12	31.30	2.16	31.03	2.18	30.82	2.19	30.03	2.22
	63	59	32.20	2.07	31.85	2.10	31.58	2.13	31.36	2.14	31.19	2.15	30.46	2.18
	68	64	32.30	2.05	32.01	2.08	31.85	2.10	31.69	2.11	31.56	2.11	30.90	2.13
	-13	-13.4	22.11	2.66	21.61	2.75	20.99	2.83	20.65	2.88	20.38	2.92	19.64	3.01
	-4	-4.4	25.49	2.80	24.92	2.89	24.21	2.99	23.81	3.04	23.50	3.08	22.64	3.17
	0	-0.4	27.32	2.85	26.71	2.95	25.94	3.04	25.52	3.10	25.18	3.14	24.27	3.23
	5	4.5	29.60	2.92	28.94	3.02	28.12	3.11	27.66	3.17	27.29	3.21	26.30	3.31
	10	9	30.57	2.82	29.89	2.91	29.03	3.00	28.56	3.06	28.18	3.10	27.15	3.19
	17	15	31.86	2.74	31.15	2.84	30.26	2.93	29.76	2.98	29.37	3.02	28.30	3.11
	20	19	32.06	2.68	31.34	2.76	30.45	2.85	29.95	2.90	29.55	2.94	28.48	3.03
	25	23	32.26	2.61	31.54	2.69	30.64	2.78	30.14	2.83	29.74	2.86	28.66	2.95
	30	28	32.51	2.52	31.79	2.60	30.88	2.69	30.37	2.73	29.97	2.77	28.88	2.85
	35	32	32.72	2.45	31.98	2.53	31.07	2.61	30.56	2.66	30.16	2.69	29.06	2.77
	40	36	32.92	2.38	32.18	2.46	31.26	2.54	30.75	2.58	30.34	2.62	29.24	2.70
	45	41	33.17	2.29	32.43	2.37	31.50	2.45	30.99	2.49	30.57	2.52	29.46	2.60
	47	43	33.27	2.26	32.53	2.33	31.60	2.41	31.08	2.45	30.67	2.48	29.55	2.56
	50	46	33.37	2.24	32.69	2.31	31.88	2.38	31.42	2.41	31.05	2.44	30.00	2.51
	55	51	33.53	2.22	32.97	2.28	32.36	2.33	31.99	2.36	31.70	2.38	30.76	2.43
	60	56	33.69	2.20	33.25	2.24	32.84	2.28	32.56	2.30	32.34	2.31	31.51	2.35
	63	59	33.79	2.18	33.42	2.22	33.13	2.25	32.91	2.26	32.72	2.27	31.96	2.30
	68	64	33.89	2.17	33.59	2.20	33.42	2.22	33.25	2.23	33.12	2.23	32.42	2.25

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

MULTI F ^{WITH LGRED°}
MULTI F MAX

Maximum Heating Capacity Tables

Table 75: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	23.14	2.80	22.62	2.89	21.97	2.98	21.61	3.04	21.33	3.08	20.55	3.17
	-4	-4.4	26.68	2.95	26.08	3.05	25.34	3.15	24.92	3.20	24.59	3.24	23.70	3.34
	0	-0.4	28.59	3.01	27.95	3.11	27.15	3.21	26.71	3.26	26.36	3.30	25.40	3.40
	5	4.5	30.98	3.08	30.29	3.18	29.43	3.28	28.95	3.34	28.56	3.38	27.52	3.48
	10	9	32.00	2.97	31.28	3.07	30.39	3.16	29.89	3.22	29.49	3.26	28.42	3.36
	17	15	33.35	2.89	32.60	2.99	31.67	3.08	31.15	3.13	30.74	3.18	29.62	3.27
	20	19	33.56	2.82	32.81	2.91	31.87	3.00	31.35	3.06	30.93	3.10	29.81	3.19
	25	23	33.77	2.74	33.01	2.83	32.07	2.93	31.55	2.98	31.13	3.02	29.99	3.11
	30	28	34.03	2.65	33.27	2.74	32.32	2.83	31.79	2.88	31.37	2.92	30.23	3.00
	35	32	34.24	2.58	33.48	2.67	32.52	2.75	31.99	2.80	31.56	2.84	30.42	2.92
	40	36	34.45	2.51	33.68	2.59	32.72	2.67	32.19	2.72	31.76	2.76	30.60	2.84
	45	41	34.72	2.42	33.94	2.50	32.97	2.58	32.43	2.62	32.00	2.66	30.84	2.73
	47	43	34.82	2.38	34.04	2.46	33.07	2.54	32.53	2.58	32.10	2.61	30.93	2.69
	50	46	34.92	2.36	34.22	2.43	33.37	2.51	32.89	2.54	32.50	2.57	31.40	2.64
	55	51	35.09	2.34	34.51	2.40	33.87	2.45	33.49	2.48	33.17	2.50	32.19	2.56
25	60	56	35.26	2.31	34.81	2.36	34.38	2.40	34.08	2.42	33.85	2.43	32.98	2.47
	63	59	35.37	2.30	34.98	2.34	34.68	2.37	34.44	2.38	34.25	2.39	33.46	2.42
	68	64	35.47	2.28	35.16	2.31	34.98	2.34	34.80	2.35	34.66	2.35	33.94	2.37
	-13	-13.4	24.18	2.94	23.64	3.04	22.96	3.13	22.58	3.19	22.28	3.23	21.47	3.33
	-4	-4.4	27.88	3.10	27.25	3.20	26.47	3.30	26.04	3.36	25.70	3.41	24.76	3.51
	0	-0.4	29.88	3.16	29.21	3.26	28.37	3.37	27.91	3.42	27.54	3.47	26.54	3.58
	5	4.5	32.38	3.23	31.65	3.34	30.75	3.44	30.25	3.50	29.84	3.55	28.76	3.66
	10	9	33.43	3.12	32.69	3.22	31.75	3.32	31.23	3.38	30.82	3.43	29.70	3.53
	17	15	34.84	3.04	34.06	3.14	33.09	3.24	32.55	3.29	32.12	3.34	30.95	3.44
	20	19	35.06	2.96	34.28	3.06	33.30	3.15	32.76	3.21	32.32	3.25	31.14	3.35
	25	23	35.28	2.88	34.49	2.98	33.51	3.07	32.96	3.13	32.52	3.17	31.34	3.26
	30	28	35.56	2.79	34.76	2.88	33.77	2.97	33.22	3.02	32.78	3.06	31.59	3.15
	35	32	35.78	2.71	34.98	2.80	33.98	2.89	33.42	2.94	32.98	2.98	31.78	3.07
	40	36	36.00	2.63	35.19	2.72	34.19	2.81	33.63	2.86	33.18	2.89	31.98	2.98
	45	41	36.27	2.54	35.46	2.62	34.45	2.70	33.89	2.75	33.44	2.79	32.22	2.87
	47	43	36.38	2.50	35.57	2.58	34.55	2.66	33.99	2.71	33.54	2.75	32.32	2.83
26	50	46	36.49	2.48	35.75	2.56	34.87	2.63	34.36	2.67	33.96	2.70	32.81	2.78
	55	51	36.67	2.46	36.06	2.52	35.39	2.58	34.99	2.61	34.66	2.63	33.64	2.69
	60	56	36.85	2.43	36.37	2.48	35.92	2.52	35.61	2.54	35.37	2.56	34.46	2.60
	63	59	36.95	2.41	36.55	2.45	36.24	2.49	35.99	2.50	35.79	2.51	34.96	2.54
	68	64	37.06	2.40	36.74	2.43	36.55	2.46	36.37	2.47	36.22	2.47	35.46	2.49
	-13	-13.4	25.21	3.09	24.64	3.19	23.94	3.30	23.55	3.35	23.24	3.40	22.39	3.50
	-4	-4.4	29.07	3.26	28.42	3.37	27.60	3.48	27.15	3.53	26.79	3.58	25.82	3.69
	0	-0.4	31.15	3.32	30.45	3.43	29.58	3.54	29.10	3.60	28.71	3.65	27.67	3.76
	5	4.5	33.76	3.40	33.00	3.51	32.06	3.62	31.54	3.68	31.12	3.73	29.99	3.85
	10	9	34.86	3.28	34.08	3.39	33.11	3.50	32.57	3.56	32.13	3.60	30.96	3.71
	17	15	36.33	3.19	35.52	3.30	34.50	3.40	33.94	3.46	33.49	3.51	32.27	3.61
	20	19	36.56	3.11	35.74	3.21	34.72	3.32	34.15	3.37	33.70	3.42	32.47	3.52
	25	23	36.79	3.03	35.97	3.13	34.94	3.23	34.37	3.29	33.91	3.33	32.68	3.43
	30	28	37.07	2.93	36.25	3.03	35.21	3.12	34.64	3.18	34.18	3.22	32.93	3.32
	35	32	37.30	2.85	36.47	2.94	35.43	3.04	34.85	3.09	34.39	3.13	33.14	3.23
	40	36	37.53	2.77	36.70	2.86	35.65	2.95	35.06	3.00	34.60	3.04	33.34	3.14

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 76: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	26.25	3.23	25.66	3.34	24.93	3.45	24.52	3.51	24.19	3.55	23.31	3.66
	-4	-4.4	30.26	3.41	29.59	3.52	28.74	3.63	28.27	3.70	27.90	3.75	26.88	3.86
	0	-0.4	32.43	3.47	31.71	3.59	30.80	3.70	30.30	3.77	29.90	3.82	28.81	3.93
	5	4.5	35.15	3.55	34.36	3.67	33.38	3.79	32.83	3.85	32.40	3.90	31.22	4.02
	10	9	36.30	3.43	35.48	3.54	34.47	3.65	33.91	3.72	33.46	3.77	32.24	3.88
	17	15	37.83	3.34	36.98	3.45	35.92	3.56	35.34	3.62	34.87	3.67	33.60	3.78
	20	19	38.06	3.25	37.21	3.36	36.15	3.47	35.56	3.53	35.09	3.58	33.81	3.68
	25	23	38.30	3.17	37.45	3.27	36.38	3.38	35.78	3.44	35.31	3.48	34.02	3.59
	30	28	38.60	3.06	37.74	3.17	36.66	3.27	36.06	3.32	35.58	3.37	34.29	3.47
	35	32	38.84	2.98	37.97	3.08	36.89	3.18	36.29	3.23	35.80	3.28	34.50	3.37
	40	36	39.08	2.90	38.21	2.99	37.12	3.09	36.51	3.14	36.02	3.18	34.71	3.28
	45	41	39.38	2.79	38.50	2.88	37.40	2.97	36.79	3.03	36.30	3.07	34.98	3.16
	47	43	39.50	2.75	38.62	2.84	37.51	2.93	36.90	2.98	36.41	3.02	35.09	3.11
	50	46	39.61	2.73	38.82	2.81	37.86	2.89	37.31	2.94	36.87	2.97	35.62	3.05
	55	51	39.81	2.70	39.15	2.77	38.43	2.83	37.98	2.87	37.63	2.89	36.52	2.95
28	60	56	40.00	2.67	39.48	2.72	39.00	2.77	38.66	2.80	38.39	2.81	37.41	2.86
	63	59	40.12	2.66	39.68	2.70	39.34	2.74	39.07	2.75	38.85	2.76	37.95	2.80
	68	64	40.23	2.64	39.88	2.67	39.68	2.70	39.48	2.71	39.32	2.72	38.49	2.74
	-13	-13.4	27.28	3.38	26.67	3.50	25.91	3.61	25.49	3.67	25.15	3.72	24.24	3.83
	-4	-4.4	31.46	3.57	30.76	3.69	29.88	3.80	29.39	3.87	29.00	3.92	27.94	4.04
	0	-0.4	33.72	3.64	32.96	3.76	32.02	3.88	31.50	3.94	31.08	4.00	29.95	4.12
	5	4.5	36.54	3.72	35.72	3.84	34.70	3.97	34.13	4.03	33.68	4.09	32.46	4.21
	10	9	37.73	3.59	36.89	3.71	35.83	3.83	35.25	3.89	34.78	3.95	33.52	4.06
	17	15	39.32	3.50	38.44	3.61	37.34	3.73	36.73	3.79	36.25	3.84	34.93	3.96
	20	19	39.57	3.41	38.69	3.52	37.58	3.63	36.97	3.69	36.48	3.74	35.15	3.86
	25	23	39.82	3.32	38.93	3.43	37.82	3.54	37.20	3.60	36.70	3.65	35.37	3.76
	30	28	40.13	3.21	39.23	3.31	38.11	3.42	37.49	3.48	36.99	3.53	35.65	3.63
	35	32	40.38	3.12	39.48	3.22	38.35	3.33	37.72	3.38	37.22	3.43	35.87	3.53
	40	36	40.63	3.03	39.72	3.13	38.58	3.23	37.95	3.29	37.45	3.33	36.09	3.43
	45	41	40.94	2.92	40.02	3.02	38.88	3.11	38.24	3.17	37.74	3.21	36.36	3.31
	47	43	41.06	2.88	40.14	2.97	39.00	3.07	38.36	3.12	37.85	3.16	36.47	3.26
29	50	46	41.18	2.86	40.35	2.94	39.35	3.03	38.78	3.08	38.33	3.11	37.03	3.20
	55	51	41.38	2.83	40.70	2.90	39.95	2.97	39.49	3.00	39.12	3.03	37.96	3.09
	60	56	41.58	2.80	41.04	2.85	40.54	2.90	40.19	2.93	39.91	2.94	38.89	2.99
	63	59	41.71	2.78	41.25	2.82	40.89	2.87	40.61	2.88	40.39	2.89	39.45	2.93
	68	64	41.83	2.76	41.46	2.80	41.25	2.83	41.04	2.84	40.87	2.84	40.02	2.87
	-13	-13.4	28.32	3.54	27.68	3.65	26.89	3.77	26.45	3.84	26.10	3.89	25.15	4.00
	-4	-4.4	32.65	3.73	31.92	3.85	31.01	3.97	30.50	4.04	30.10	4.10	29.00	4.22
	0	-0.4	34.99	3.80	34.21	3.92	33.23	4.05	32.69	4.12	32.25	4.18	31.08	4.30
	5	4.5	37.92	3.89	37.07	4.01	36.01	4.14	35.42	4.21	34.95	4.27	33.68	4.40
	10	9	39.16	3.75	38.28	3.87	37.19	4.00	36.58	4.07	36.09	4.12	34.78	4.25
	17	15	40.81	3.65	39.90	3.77	38.76	3.89	38.12	3.96	37.62	4.01	36.25	4.13
	20	19	41.07	3.56	40.15	3.68	39.00	3.80	38.36	3.86	37.85	3.91	36.48	4.03
	25	23	41.32	3.47	40.40	3.58	39.25	3.70	38.61	3.76	38.09	3.81	36.71	3.93
	30	28	41.65	3.35	40.72	3.46	39.55	3.57	38.91	3.64	38.39	3.68	36.99	3.80
	35	32	41.90	3.26	40.97	3.37	39.80	3.48	39.15	3.54	38.63	3.58	37.22	3.69
	40	36	42.16	3.17	41.22	3.27	40.04	3.38	39.39	3.44	38.86	3.48	37.45	3.59
	45	41	42.48	3.05	41.54	3.15	40.35	3.25	39.69	3.31	39.16	3.35	37.74	3.46
	47	43	42.61	3.01	41.66	3.11	40.47	3.20	39.81	3.26	39.28	3.30	37.85	3.40
	50	46	42.74	2.99	41.88	3.08	40.84	3.17	40.25	3.21	39.78	3.25	38.43	3.34
	55	51	42.95	2.96	42.24	3.03	41.46	3.10	40.98	3.14	40.60	3.16	39.40	3.23
	60	56	43.16	2.92	42.59	2.98	42.07	3.04	41.71	3.06	41.42	3.08	40.36	3.12
	63	59	43.28	2.91	42.81	2.95	42.44	3.00	42.15	3.01	41.92	3.02	40.94	3.06
	68	64	43.41	2.89	43.03	2.92	42.81	2.96	42.59	2.97	42.42	2.97	41.53	3.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

MULTI F WITH LGRED°
MULTI F MAX

Maximum Heating Capacity Tables

Table 77: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	29.35	3.70	28.70	3.82	27.88	3.94	27.42	4.01	27.06	4.07	26.07	4.19
	-4	-4.4	33.85	3.90	33.09	4.03	32.14	4.16	31.62	4.23	31.20	4.29	30.06	4.42
	0	-0.4	36.27	3.97	35.46	4.10	34.45	4.24	33.89	4.31	33.44	4.37	32.22	4.50
	5	4.5	39.31	4.07	38.43	4.20	37.33	4.33	36.72	4.41	36.24	4.47	34.92	4.60
	10	9	40.59	3.92	39.69	4.05	38.55	4.18	37.92	4.25	37.42	4.31	36.06	4.44
	17	15	42.30	3.82	41.36	3.95	40.18	4.07	39.52	4.14	39.00	4.20	37.58	4.33
	20	19	42.57	3.72	41.62	3.85	40.43	3.97	39.77	4.04	39.24	4.09	37.82	4.22
	25	23	42.84	3.63	41.88	3.75	40.69	3.87	40.02	3.93	39.49	3.99	38.05	4.11
	30	28	43.17	3.51	42.21	3.62	41.00	3.74	40.33	3.80	39.80	3.85	38.35	3.97
	35	32	43.44	3.41	42.47	3.52	41.26	3.64	40.58	3.70	40.04	3.75	38.59	3.86
	40	36	43.71	3.31	42.73	3.42	41.51	3.53	40.83	3.59	40.29	3.64	38.83	3.75
	45	41	44.04	3.19	43.06	3.30	41.83	3.40	41.15	3.46	40.60	3.51	39.12	3.61
	47	43	44.18	3.14	43.19	3.25	41.96	3.35	41.27	3.41	40.72	3.46	39.24	3.56
	50	46	44.31	3.12	43.41	3.22	42.34	3.31	41.72	3.36	41.23	3.40	39.84	3.49
	55	51	44.52	3.09	43.78	3.17	42.98	3.24	42.48	3.28	42.09	3.31	40.84	3.38
	60	56	44.74	3.06	44.16	3.12	43.61	3.17	43.24	3.20	42.94	3.22	41.84	3.27
	63	59	44.87	3.04	44.38	3.09	44.00	3.13	43.70	3.15	43.45	3.16	42.44	3.20
	68	64	45.00	3.02	44.60	3.06	44.38	3.09	44.15	3.10	43.97	3.11	43.05	3.13
31	-13	-13.4	30.38	3.85	29.71	3.98	28.86	4.11	28.39	4.18	28.01	4.23	26.99	4.36
	-4	-4.4	35.04	4.06	34.25	4.19	33.27	4.33	32.73	4.40	32.30	4.46	31.12	4.60
	0	-0.4	37.55	4.14	36.71	4.27	35.66	4.41	35.08	4.49	34.61	4.55	33.35	4.68
	5	4.5	40.69	4.23	39.78	4.37	38.65	4.51	38.01	4.59	37.51	4.65	36.14	4.79
	10	9	42.02	4.08	41.08	4.22	39.91	4.35	39.25	4.43	38.73	4.49	37.32	4.62
	17	15	43.79	3.98	42.81	4.11	41.59	4.24	40.91	4.31	40.37	4.37	38.90	4.50
	20	19	44.07	3.88	43.08	4.00	41.85	4.13	41.17	4.20	40.62	4.26	39.14	4.39
	25	23	44.34	3.78	43.35	3.90	42.12	4.03	41.43	4.09	40.88	4.15	39.39	4.28
	30	28	44.69	3.65	43.69	3.77	42.44	3.89	41.75	3.96	41.20	4.01	39.70	4.13
	35	32	44.97	3.55	43.96	3.67	42.71	3.78	42.01	3.85	41.45	3.90	39.94	4.02
	40	36	45.24	3.45	44.23	3.56	42.97	3.68	42.27	3.74	41.71	3.79	40.19	3.91
	45	41	45.59	3.32	44.57	3.43	43.30	3.54	42.59	3.60	42.02	3.65	40.50	3.76
	47	43	45.73	3.27	44.71	3.38	43.43	3.49	42.72	3.55	42.15	3.60	40.62	3.71
	50	46	45.86	3.25	44.94	3.35	43.83	3.45	43.19	3.50	42.68	3.54	41.24	3.64
	55	51	46.09	3.22	45.32	3.30	44.49	3.38	43.98	3.41	43.57	3.45	42.28	3.52
	60	56	46.31	3.18	45.71	3.25	45.15	3.31	44.76	3.33	44.45	3.35	43.31	3.40
	63	59	46.45	3.16	45.94	3.21	45.54	3.26	45.23	3.28	44.98	3.29	43.94	3.33
	68	64	46.58	3.14	46.17	3.18	45.94	3.22	45.71	3.23	45.52	3.24	44.57	3.26
32	-13	-13.4	31.42	4.01	30.72	4.15	29.84	4.28	29.36	4.35	28.97	4.41	27.91	4.54
	-4	-4.4	36.23	4.23	35.42	4.37	34.41	4.51	33.85	4.59	33.40	4.65	32.18	4.79
	0	-0.4	38.83	4.31	37.96	4.45	36.88	4.60	36.28	4.68	35.80	4.74	34.49	4.88
	5	4.5	42.08	4.41	41.14	4.56	39.97	4.70	39.31	4.78	38.79	4.85	37.38	4.99
	10	9	43.46	4.26	42.48	4.40	41.27	4.54	40.60	4.62	40.06	4.68	38.60	4.82
	17	15	45.29	4.14	44.28	4.28	43.01	4.42	42.31	4.50	41.75	4.56	40.23	4.69
	20	19	45.57	4.04	44.56	4.17	43.28	4.31	42.58	4.38	42.01	4.44	40.48	4.57
	25	23	45.86	3.94	44.84	4.07	43.55	4.20	42.84	4.27	42.27	4.33	40.74	4.46
	30	28	46.22	3.80	45.19	3.93	43.89	4.06	43.18	4.13	42.60	4.18	41.05	4.31
	35	32	46.50	3.70	45.47	3.82	44.17	3.94	43.44	4.01	42.87	4.07	41.31	4.19
	40	36	46.79	3.60	45.75	3.71	44.44	3.83	43.71	3.90	43.13	3.95	41.56	4.07
	45	41	47.15	3.46	46.09	3.58	44.78	3.69	44.05	3.76	43.46	3.81	41.88	3.92
	47	43	47.29	3.41	46.23	3.52	44.91	3.64	44.18	3.70	43.59	3.75	42.01	3.86
	50	46	47.43	3.39	46.47	3.49	45.32	3.59	44.67	3.65	44.14	3.69	42.65	3.79
	55	51	47.66	3.35	46.87	3.44	46.01	3.52	45.48	3.56	45.06	3.59	43.72	3.67
	60	56	47.89	3.32	47.27	3.38	46.69	3.44	46.29	3.47	45.97	3.49	44.79	3.55
	63	59	48.03	3.30	47.51	3.35	47.10	3.40	46.78	3.42	46.52	3.43	45.44	3.47
	68	64	48.17	3.28	47.75	3.32	47.51	3.36	47.27	3.37	47.07	3.37	46.09	3.40

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 78: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	32.45	4.18	31.73	4.31	30.82	4.45	30.32	4.53	29.92	4.59	28.83	4.73
	-4	-4.4	37.42	4.40	36.59	4.55	35.54	4.69	34.96	4.78	34.50	4.84	33.24	4.99
	0	-0.4	40.11	4.49	39.21	4.63	38.09	4.78	37.47	4.87	36.97	4.93	35.63	5.08
	5	4.5	43.46	4.59	42.49	4.74	41.28	4.89	40.60	4.98	40.06	5.05	38.61	5.20
	10	9	44.88	4.43	43.88	4.58	42.63	4.72	41.93	4.80	41.37	4.87	39.87	5.01
	17	15	46.77	4.31	45.73	4.46	44.42	4.60	43.70	4.68	43.12	4.74	41.55	4.88
	20	19	47.07	4.20	46.02	4.34	44.70	4.48	43.97	4.56	43.39	4.62	41.81	4.76
	25	23	47.37	4.09	46.31	4.23	44.98	4.37	44.25	4.44	43.66	4.50	42.07	4.64
	30	28	47.74	3.96	46.67	4.09	45.33	4.22	44.59	4.29	44.00	4.35	42.40	4.48
	35	32	48.03	3.85	46.96	3.98	45.62	4.10	44.87	4.17	44.27	4.23	42.66	4.36
	40	36	48.33	3.74	47.25	3.86	45.90	3.99	45.15	4.06	44.55	4.11	42.93	4.24
	45	41	48.70	3.60	47.61	3.72	46.25	3.84	45.49	3.91	44.89	3.96	43.26	4.08
	47	43	48.84	3.55	47.75	3.67	46.39	3.78	45.63	3.85	45.02	3.90	43.39	4.02
	50	46	48.99	3.53	48.00	3.63	46.81	3.74	46.13	3.79	45.59	3.84	44.05	3.94
	55	51	49.23	3.49	48.41	3.58	47.52	3.66	46.97	3.70	46.53	3.74	45.16	3.82
	60	56	49.47	3.45	48.82	3.52	48.22	3.58	47.81	3.61	47.48	3.63	46.26	3.69
34	63	59	49.61	3.43	49.07	3.49	48.64	3.54	48.31	3.56	48.04	3.57	46.93	3.61
	68	64	49.75	3.41	49.32	3.45	49.07	3.49	48.82	3.50	48.62	3.51	47.60	3.54
	-13	-13.4	33.49	4.34	32.74	4.48	31.81	4.63	31.29	4.71	30.87	4.77	29.75	4.91
	-4	-4.4	38.62	4.57	37.76	4.73	36.68	4.88	36.08	4.96	35.60	5.03	34.30	5.18
	0	-0.4	41.39	4.66	40.47	4.82	39.31	4.97	38.67	5.05	38.15	5.12	36.77	5.28
	5	4.5	44.85	4.77	43.85	4.93	42.60	5.08	41.90	5.17	41.35	5.24	39.84	5.40
	10	9	46.32	4.60	45.28	4.75	43.99	4.91	43.27	4.99	42.70	5.06	41.14	5.21
	17	15	48.27	4.48	47.19	4.63	45.84	4.78	45.09	4.86	44.50	4.93	42.88	5.07
	20	19	48.58	4.37	47.49	4.51	46.13	4.66	45.38	4.74	44.78	4.80	43.15	4.95
	25	23	48.88	4.25	47.79	4.40	46.42	4.54	45.66	4.61	45.06	4.68	43.42	4.82
	30	28	49.26	4.11	48.16	4.25	46.79	4.38	46.02	4.46	45.41	4.52	43.76	4.66
	35	32	49.57	4.00	48.46	4.13	47.08	4.26	46.31	4.34	45.69	4.40	44.03	4.53
	40	36	49.87	3.89	48.76	4.02	47.37	4.14	46.59	4.21	45.97	4.27	44.30	4.40
	45	41	50.25	3.75	49.13	3.87	47.73	3.99	46.95	4.06	46.32	4.12	44.64	4.24
	47	43	50.41	3.69	49.28	3.81	47.87	3.93	47.09	4.00	46.46	4.05	44.77	4.18
	50	46	50.55	3.67	49.53	3.77	48.31	3.88	47.61	3.94	47.05	3.99	45.46	4.10
	55	51	50.80	3.63	49.96	3.72	49.04	3.80	48.47	3.85	48.02	3.88	46.60	3.97
35	60	56	51.05	3.59	50.38	3.66	49.76	3.72	49.34	3.75	49.00	3.77	47.74	3.83
	63	59	51.20	3.56	50.64	3.62	50.20	3.68	49.86	3.69	49.58	3.71	48.43	3.75
	68	64	51.34	3.54	50.89	3.59	50.64	3.63	50.38	3.64	50.17	3.65	49.13	3.68
	-13	-13.4	34.52	4.50	33.75	4.65	32.79	4.80	32.25	4.88	31.82	4.95	30.67	5.10
	-4	-4.4	39.81	4.75	38.92	4.90	37.81	5.06	37.19	5.15	36.70	5.22	35.36	5.37
	0	-0.4	42.66	4.84	41.71	5.00	40.52	5.16	39.86	5.24	39.33	5.32	37.90	5.48
	5	4.5	46.23	4.95	45.20	5.11	43.91	5.27	43.19	5.37	42.62	5.44	41.07	5.60
	10	9	47.74	4.77	46.68	4.93	45.34	5.09	44.60	5.18	44.01	5.25	42.41	5.41
	17	15	49.76	4.65	48.65	4.80	47.26	4.96	46.48	5.04	45.87	5.11	44.20	5.26
	20	19	50.07	4.53	48.95	4.68	47.55	4.83	46.78	4.91	46.16	4.98	44.48	5.13
	25	23	50.39	4.41	49.26	4.56	47.85	4.71	47.07	4.79	46.45	4.85	44.76	5.00
	30	28	50.78	4.27	49.64	4.41	48.23	4.55	47.44	4.63	46.81	4.69	45.11	4.83
	35	32	51.09	4.15	49.95	4.29	48.52	4.42	47.73	4.50	47.10	4.56	45.39	4.70
	40	36	51.41	4.03	50.26	4.17	48.82	4.30	48.03	4.37	47.39	4.43	45.66	4.57
	45	41	51.80	3.89	50.64	4.01	49.20	4.14	48.39	4.21	47.75	4.27	46.01	4.40
	47	43	51.96	3.83	50.80	3.95	49.35	4.08	48.54	4.15	47.89	4.21	46.15	4.33
	50	46	52.11	3.80	51.06	3.92	49.80	4.03	49.07	4.09	48.50	4.14	46.86	4.25
	55	51	52.37	3.76	51.50	3.86	50.55	3.95	49.97	3.99	49.50	4.03	48.04	4.11
	60	56	52.62	3.72	51.93	3.79	51.30	3.86	50.86	3.89	50.51	3.92	49.21	3.98
	63	59	52.77	3.70	52.20	3.76	51.75	3.81	51.39	3.83	51.11	3.85	49.92	3.89
	68	64	52.93	3.67	52.46	3.72	52.20	3.76	51.93	3.77	51.72	3.78	50.64	3.81

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 79: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	35.56	4.68	34.77	4.83	33.77	4.98	33.22	5.07	32.78	5.14	31.59	5.29
	-4	-4.4	41.01	4.93	40.09	5.09	38.94	5.26	38.31	5.35	37.80	5.42	36.42	5.58
	0	-0.4	43.95	5.02	42.97	5.19	41.74	5.35	41.06	5.45	40.51	5.52	39.04	5.69
	5	4.5	47.63	5.14	46.56	5.31	45.23	5.48	44.49	5.57	43.90	5.65	42.30	5.82
	10	9	49.18	4.96	48.08	5.12	46.71	5.29	45.94	5.38	45.33	5.45	43.69	5.61
	17	15	51.25	4.83	50.11	4.99	48.68	5.15	47.88	5.24	47.25	5.31	45.53	5.47
	20	19	51.58	4.71	50.43	4.86	48.98	5.02	48.18	5.10	47.54	5.17	45.81	5.33
	25	23	51.90	4.58	50.74	4.74	49.29	4.89	48.49	4.97	47.84	5.04	46.10	5.19
	30	28	52.31	4.43	51.14	4.58	49.68	4.72	48.87	4.81	48.22	4.87	46.46	5.02
	35	32	52.63	4.31	51.45	4.45	49.98	4.59	49.17	4.67	48.51	4.74	46.75	4.88
	40	36	52.95	4.19	51.77	4.33	50.29	4.46	49.47	4.54	48.81	4.60	47.04	4.74
	45	41	53.36	4.04	52.17	4.17	50.68	4.30	49.85	4.38	49.19	4.44	47.40	4.57
	47	43	53.52	3.97	52.33	4.11	50.83	4.24	50.00	4.31	49.34	4.37	47.54	4.50
	50	46	53.68	3.95	52.60	4.07	51.29	4.19	50.55	4.25	49.96	4.30	48.27	4.41
	55	51	53.94	3.91	53.05	4.00	52.07	4.10	51.47	4.15	50.99	4.18	49.48	4.27
	60	56	54.20	3.87	53.50	3.94	52.84	4.01	52.39	4.04	52.03	4.07	50.69	4.13
	63	59	54.36	3.84	53.77	3.90	53.30	3.96	52.94	3.98	52.65	4.00	51.42	4.04
	68	64	54.52	3.82	54.04	3.86	53.77	3.91	53.49	3.92	53.27	3.93	52.16	3.96
37	-13	-13.4	36.10	4.74	35.29	4.90	34.28	5.05	33.72	5.14	33.27	5.21	32.06	5.37
	-4	-4.4	41.62	5.00	40.69	5.16	39.53	5.33	38.88	5.42	38.37	5.49	36.97	5.66
	0	-0.4	44.61	5.09	43.61	5.26	42.36	5.43	41.67	5.52	41.12	5.60	39.62	5.77
	5	4.5	48.34	5.21	47.26	5.38	45.91	5.55	45.16	5.65	44.56	5.73	42.94	5.90
	10	9	49.92	5.03	48.80	5.19	47.41	5.36	46.63	5.45	46.01	5.53	44.34	5.69
	17	15	52.02	4.90	50.86	5.06	49.41	5.22	48.60	5.31	47.95	5.38	46.21	5.54
	20	19	52.35	4.77	51.18	4.93	49.72	5.09	48.91	5.17	48.26	5.24	46.50	5.40
	25	23	52.68	4.65	51.50	4.80	50.03	4.96	49.21	5.04	48.56	5.11	46.79	5.26
	30	28	53.09	4.49	51.90	4.64	50.42	4.79	49.60	4.87	48.94	4.94	47.16	5.09
	35	32	53.42	4.37	52.23	4.51	50.73	4.66	49.91	4.74	49.24	4.80	47.45	4.95
	40	36	53.75	4.25	52.55	4.39	51.05	4.53	50.21	4.60	49.55	4.67	47.74	4.81
	45	41	54.16	4.09	52.95	4.23	51.44	4.36	50.60	4.44	49.92	4.50	48.11	4.63
	47	43	54.32	4.03	53.11	4.16	51.59	4.30	50.75	4.37	50.08	4.43	48.25	4.56
	50	46	54.48	4.00	53.38	4.12	52.06	4.24	51.31	4.31	50.71	4.36	48.99	4.48
	55	51	54.75	3.96	53.84	4.06	52.85	4.16	52.24	4.20	51.76	4.24	50.22	4.33
	60	56	55.02	3.92	54.30	4.00	53.63	4.07	53.17	4.10	52.81	4.12	51.46	4.19
	63	59	55.18	3.89	54.57	3.96	54.10	4.02	53.73	4.04	53.44	4.05	52.19	4.10
	68	64	55.34	3.87	54.85	3.92	54.58	3.96	54.30	3.98	54.07	3.98	52.94	4.02
38	-13	-13.4	36.63	4.82	35.81	4.98	34.79	5.14	34.22	5.22	33.76	5.29	32.54	5.45
	-4	-4.4	42.24	5.08	41.29	5.25	40.11	5.41	39.46	5.51	38.93	5.58	37.52	5.75
	0	-0.4	45.27	5.17	44.25	5.34	42.99	5.52	42.29	5.61	41.73	5.69	40.21	5.86
	5	4.5	49.05	5.29	47.96	5.47	46.59	5.64	45.83	5.74	45.22	5.82	43.57	5.99
	10	9	50.66	5.11	49.52	5.28	48.11	5.45	47.32	5.54	46.69	5.61	45.00	5.78
	17	15	52.79	4.97	51.61	5.14	50.14	5.30	49.32	5.39	48.66	5.47	46.89	5.63
	20	19	53.13	4.85	51.94	5.01	50.45	5.17	49.63	5.26	48.97	5.33	47.19	5.49
	25	23	53.46	4.72	52.26	4.88	50.77	5.03	49.94	5.12	49.28	5.19	47.49	5.35
	30	28	53.88	4.57	52.67	4.72	51.17	4.87	50.33	4.95	49.66	5.02	47.86	5.17
	35	32	54.21	4.44	53.00	4.59	51.48	4.73	50.64	4.81	49.97	4.88	48.15	5.03
	40	36	54.54	4.31	53.32	4.46	51.80	4.60	50.95	4.68	50.28	4.74	48.45	4.88
	45	41	54.96	4.16	53.73	4.29	52.20	4.43	51.34	4.51	50.66	4.57	48.82	4.71
	47	43	55.13	4.09	53.90	4.23	52.36	4.36	51.50	4.44	50.82	4.50	48.97	4.64
	50	46	55.29	4.07	54.17	4.19	52.83	4.31	52.07	4.38	51.45	4.43	49.72	4.55
	55	51	55.56	4.03	54.64	4.12	53.63	4.22	53.01	4.27	52.52	4.31	50.97	4.40
	60	56	55.83	3.98	55.10	4.06	54.42	4.13	53.96	4.16	53.59	4.19	52.22	4.25
	63	59	55.99	3.96	55.38	4.02	54.90	4.08	54.53	4.10	54.23	4.12	52.97	4.17
	68	64	56.15	3.93	55.66	3.98	55.38	4.03	55.10	4.04	54.87	4.05	53.73	4.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 80: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	37.16	4.88	36.33	5.04	35.29	5.20	34.72	5.29	34.26	5.37	33.01	5.53
	-4	-4.4	42.85	5.15	41.89	5.32	40.70	5.49	40.03	5.58	39.50	5.66	38.06	5.83
	0	-0.4	45.93	5.24	44.90	5.42	43.62	5.59	42.90	5.69	42.33	5.76	40.79	5.94
	5	4.5	49.77	5.36	48.66	5.54	47.27	5.72	46.49	5.82	45.88	5.90	44.21	6.07
	10	9	51.39	5.18	50.24	5.35	48.81	5.52	48.01	5.61	47.37	5.69	45.65	5.86
	17	15	53.56	5.04	52.36	5.21	50.87	5.37	50.04	5.47	49.37	5.54	47.58	5.71
	20	19	53.90	4.91	52.69	5.08	51.19	5.24	50.35	5.33	49.68	5.40	47.88	5.56
	25	23	54.24	4.79	53.03	4.94	51.51	5.10	50.67	5.19	50.00	5.26	48.18	5.42
	30	28	54.66	4.63	53.44	4.78	51.91	4.93	51.06	5.02	50.39	5.09	48.55	5.24
	35	32	55.00	4.50	53.77	4.65	52.23	4.80	51.38	4.88	50.70	4.95	48.85	5.09
	40	36	55.34	4.37	54.10	4.52	52.56	4.66	51.70	4.74	51.01	4.81	49.15	4.95
	45	41	55.76	4.21	54.51	4.35	52.96	4.49	52.09	4.57	51.40	4.63	49.53	4.77
	47	43	55.93	4.15	54.68	4.29	53.12	4.42	52.25	4.50	51.56	4.56	49.68	4.70
	50	46	56.09	4.12	54.96	4.25	53.60	4.37	52.83	4.44	52.20	4.49	50.44	4.61
	55	51	56.37	4.08	55.43	4.18	54.41	4.28	53.79	4.33	53.29	4.37	51.71	4.46
	60	56	56.64	4.04	55.90	4.11	55.22	4.19	54.74	4.22	54.37	4.25	52.98	4.31
	63	59	56.81	4.01	56.19	4.07	55.70	4.14	55.32	4.16	55.02	4.17	53.74	4.22
	68	64	56.97	3.98	56.47	4.03	56.19	4.08	55.90	4.09	55.67	4.10	54.51	4.14
40	-13	-13.4	37.70	4.96	36.85	5.12	35.80	5.29	35.22	5.38	34.75	5.45	33.48	5.61
	-4	-4.4	43.47	5.23	42.50	5.40	41.28	5.57	40.61	5.67	40.07	5.75	38.61	5.92
	0	-0.4	46.58	5.33	45.54	5.50	44.24	5.68	43.52	5.78	42.94	5.85	41.38	6.03
	5	4.5	50.48	5.45	49.35	5.63	47.94	5.81	47.16	5.91	46.53	5.99	44.84	6.17
	10	9	52.13	5.26	50.97	5.43	49.51	5.60	48.70	5.70	48.05	5.78	46.31	5.95
	17	15	54.33	5.12	53.11	5.29	51.60	5.46	50.75	5.55	50.08	5.63	48.26	5.80
	20	19	54.67	4.99	53.45	5.16	51.92	5.32	51.08	5.41	50.40	5.48	48.56	5.65
	25	23	55.02	4.86	53.79	5.02	52.25	5.18	51.40	5.27	50.71	5.34	48.87	5.50
	30	28	55.45	4.70	54.21	4.85	52.66	5.01	51.80	5.10	51.11	5.17	49.25	5.32
	35	32	55.79	4.57	54.54	4.72	52.98	4.87	52.12	4.96	51.43	5.02	49.56	5.17
	40	36	56.13	4.44	54.88	4.59	53.31	4.73	52.44	4.82	51.74	4.88	49.86	5.03
	45	41	56.56	4.28	55.30	4.42	53.72	4.56	52.84	4.64	52.14	4.70	50.24	4.84
	47	43	56.73	4.21	55.47	4.35	53.88	4.49	53.00	4.57	52.30	4.63	50.39	4.77
	50	46	56.90	4.19	55.75	4.31	54.37	4.44	53.58	4.50	52.95	4.56	51.17	4.68
	55	51	57.18	4.14	56.23	4.25	55.19	4.35	54.56	4.40	54.05	4.44	52.45	4.53
	60	56	57.46	4.10	56.71	4.18	56.01	4.25	55.53	4.29	55.15	4.31	53.74	4.38
	63	59	57.62	4.07	56.99	4.14	56.50	4.20	56.11	4.22	55.81	4.24	54.51	4.29
	68	64	57.79	4.05	57.28	4.10	57.00	4.15	56.70	4.16	56.47	4.17	55.29	4.20
41	-13	-13.4	38.23	5.02	37.38	5.19	36.31	5.36	35.71	5.45	35.24	5.52	33.96	5.69
	-4	-4.4	44.08	5.30	43.10	5.47	41.87	5.65	41.18	5.74	40.63	5.82	39.16	6.00
	0	-0.4	47.24	5.40	46.19	5.57	44.87	5.75	44.14	5.85	43.55	5.93	41.97	6.11
	5	4.5	51.20	5.52	50.05	5.70	48.62	5.88	47.83	5.99	47.19	6.07	45.48	6.25
	10	9	52.87	5.33	51.69	5.50	50.21	5.68	49.39	5.78	48.73	5.85	46.96	6.03
	17	15	55.10	5.19	53.87	5.36	52.33	5.53	51.47	5.62	50.79	5.70	48.94	5.87
	20	19	55.45	5.06	54.21	5.22	52.66	5.39	51.80	5.48	51.11	5.56	49.25	5.72
	25	23	55.79	4.92	54.55	5.09	52.99	5.25	52.12	5.34	51.43	5.41	49.56	5.58
	30	28	56.23	4.76	54.97	4.92	53.40	5.08	52.53	5.16	51.83	5.23	49.95	5.39
	35	32	56.58	4.63	55.31	4.78	53.73	4.94	52.86	5.02	52.15	5.09	50.26	5.24
	40	36	56.93	4.50	55.65	4.65	54.06	4.80	53.18	4.88	52.47	4.94	50.57	5.09
	45	41	57.36	4.33	56.08	4.48	54.48	4.62	53.59	4.70	52.88	4.76	50.95	4.91
	47	43	57.54	4.27	56.25	4.41	54.64	4.55	53.75	4.63	53.04	4.69	51.11	4.83
	50	46	57.70	4.24	56.54	4.37	55.14	4.50	54.34	4.56	53.70	4.62	51.89	4.74
	55	51	57.99	4.20	57.02	4.30	55.97	4.40	55.33	4.45	54.82	4.49	53.19	4.59
	60	56	58.27	4.15	57.51	4.23	56.80	4.31	56.32	4.34	55.93	4.37	54.50	4.44
	63	59	58.44	4.13	57.80	4.19	57.30	4.26	56.91	4.28	56.59	4.29	55.28	4.35
	68	64	58.61	4.10	58.09	4.15	57.80	4.20	57.51	4.21	57.27	4.22	56.07	4.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 81: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	38.76	5.10	37.90	5.27	36.81	5.44	36.21	5.53	35.73	5.60	34.43	5.77
	-4	-4.4	44.70	5.38	43.70	5.55	42.45	5.73	41.76	5.83	41.20	5.91	39.70	6.09
	0	-0.4	47.90	5.48	46.83	5.66	45.49	5.84	44.75	5.94	44.16	6.02	42.55	6.20
	5	4.5	51.91	5.60	50.75	5.79	49.30	5.97	48.50	6.08	47.85	6.16	46.11	6.34
	10	9	53.61	5.41	52.41	5.59	50.91	5.76	50.08	5.86	49.41	5.94	47.62	6.12
	17	15	55.87	5.27	54.62	5.44	53.06	5.61	52.19	5.71	51.50	5.79	49.62	5.96
	20	19	56.22	5.13	54.96	5.30	53.39	5.47	52.52	5.57	51.82	5.64	49.94	5.81
	25	23	56.57	5.00	55.31	5.16	53.73	5.33	52.85	5.42	52.15	5.49	50.25	5.66
	30	28	57.01	4.83	55.74	4.99	54.15	5.15	53.26	5.24	52.56	5.31	50.64	5.47
	35	32	57.37	4.70	56.09	4.86	54.48	5.01	53.59	5.10	52.88	5.17	50.96	5.32
	40	36	57.72	4.57	56.43	4.72	54.82	4.87	53.92	4.95	53.21	5.02	51.27	5.17
	45	41	58.16	4.40	56.86	4.55	55.24	4.69	54.34	4.77	53.61	4.84	51.66	4.98
	47	43	58.34	4.33	57.03	4.48	55.41	4.62	54.50	4.70	53.78	4.76	51.82	4.91
	50	46	58.51	4.31	57.33	4.44	55.91	4.56	55.10	4.63	54.45	4.69	52.61	4.81
	55	51	58.80	4.26	57.82	4.37	56.75	4.47	56.10	4.52	55.58	4.56	53.94	4.66
	60	56	59.08	4.22	58.31	4.30	57.59	4.38	57.10	4.41	56.71	4.43	55.26	4.50
43	63	59	59.25	4.19	58.61	4.26	58.10	4.32	57.70	4.34	57.38	4.36	56.05	4.41
	68	64	59.42	4.16	58.90	4.21	58.61	4.26	58.31	4.28	58.07	4.28	56.86	4.32
	-13	-13.4	39.30	5.16	38.42	5.33	37.32	5.51	36.71	5.60	36.22	5.68	34.91	5.85
	-4	-4.4	45.31	5.44	44.30	5.62	43.03	5.80	42.33	5.90	41.77	5.98	40.25	6.16
	0	-0.4	48.56	5.55	47.48	5.73	46.12	5.91	45.37	6.02	44.76	6.10	43.14	6.28
	5	4.5	52.63	5.67	51.45	5.86	49.98	6.05	49.16	6.15	48.51	6.24	46.75	6.43
	10	9	54.34	5.48	53.13	5.66	51.61	5.84	50.77	5.94	50.09	6.02	48.27	6.20
	17	15	56.64	5.33	55.37	5.51	53.79	5.68	52.91	5.78	52.21	5.86	50.31	6.04
	20	19	56.99	5.20	55.72	5.37	54.13	5.54	53.24	5.64	52.54	5.71	50.63	5.88
	25	23	57.35	5.06	56.07	5.23	54.47	5.40	53.58	5.49	52.87	5.56	50.94	5.73
	30	28	57.80	4.89	56.51	5.06	54.89	5.22	54.00	5.31	53.28	5.38	51.34	5.54
	35	32	58.16	4.76	56.86	4.92	55.23	5.07	54.33	5.16	53.61	5.23	51.66	5.39
	40	36	58.51	4.62	57.21	4.78	55.57	4.93	54.66	5.02	53.94	5.08	51.98	5.24
	45	41	58.96	4.46	57.64	4.60	56.00	4.75	55.08	4.83	54.35	4.90	52.37	5.05
	47	43	59.14	4.39	57.82	4.53	56.17	4.68	55.25	4.76	54.52	4.82	52.53	4.97
	50	46	59.32	4.36	58.12	4.49	56.68	4.62	55.86	4.69	55.20	4.75	53.34	4.88
	55	51	59.60	4.32	58.62	4.42	57.53	4.53	56.87	4.58	56.34	4.62	54.68	4.72
44	60	56	59.89	4.27	59.11	4.35	58.39	4.43	57.89	4.46	57.49	4.49	56.02	4.56
	63	59	60.07	4.24	59.41	4.31	58.90	4.37	58.50	4.40	58.17	4.41	56.82	4.47
	68	64	60.24	4.21	59.71	4.27	59.42	4.32	59.11	4.33	58.87	4.34	57.64	4.38
	-13	-13.4	39.83	5.24	38.94	5.41	37.83	5.59	37.21	5.68	36.72	5.76	35.38	5.93
	-4	-4.4	45.93	5.52	44.90	5.71	43.62	5.89	42.91	5.99	42.34	6.07	40.80	6.25
	0	-0.4	49.22	5.63	48.12	5.81	46.75	6.00	45.98	6.10	45.37	6.19	43.72	6.37
	5	4.5	53.34	5.76	52.15	5.95	50.66	6.14	49.83	6.24	49.17	6.33	47.38	6.52
	10	9	55.08	5.56	53.85	5.74	52.31	5.92	51.46	6.03	50.77	6.11	48.93	6.29
	17	15	57.40	5.41	56.12	5.59	54.52	5.77	53.63	5.87	52.91	5.95	50.99	6.13
	20	19	57.77	5.27	56.48	5.45	54.86	5.62	53.97	5.72	53.25	5.80	51.31	5.97
	25	23	58.13	5.14	56.83	5.31	55.21	5.48	54.31	5.57	53.58	5.65	51.63	5.82
	30	28	58.58	4.97	57.27	5.13	55.64	5.29	54.73	5.39	54.00	5.46	52.04	5.62
	35	32	58.95	4.83	57.63	4.99	55.98	5.15	55.07	5.24	54.34	5.31	52.36	5.47
	40	36	59.31	4.69	57.98	4.85	56.33	5.00	55.41	5.09	54.67	5.16	52.68	5.31
	45	41	59.76	4.52	58.43	4.67	56.76	4.82	55.83	4.90	55.09	4.97	53.09	5.12
	47	43	59.94	4.45	58.60	4.60	56.93	4.75	56.00	4.83	55.26	4.90	53.25	5.04
	50	46	60.12	4.43	58.91	4.56	57.45	4.69	56.62	4.76	55.95	4.82	54.06	4.95
	55	51	60.41	4.38	59.41	4.49	58.31	4.59	57.65	4.65	57.11	4.69	55.42	4.79
	60	56	60.71	4.33	59.92	4.42	59.18	4.50	58.67	4.53	58.27	4.56	56.78	4.63
	63	59	60.88	4.30	60.22	4.37	59.70	4.44	59.29	4.46	58.96	4.48	57.59	4.53
	68	64	61.06	4.28	60.52	4.33	60.22	4.38	59.91	4.39	59.67	4.40	58.42	4.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 82: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	40.36	5.31	39.46	5.48	38.33	5.66	37.71	5.75	37.21	5.83	35.85	6.01
	-4	-4.4	46.54	5.59	45.50	5.78	44.20	5.96	43.48	6.07	42.90	6.15	41.34	6.33
	0	-0.4	49.88	5.70	48.77	5.89	47.37	6.07	46.60	6.18	45.98	6.26	44.31	6.45
	5	4.5	54.05	5.83	52.85	6.02	51.34	6.22	50.50	6.32	49.83	6.41	48.01	6.60
	10	9	55.82	5.63	54.57	5.81	53.01	6.00	52.15	6.10	51.45	6.18	49.58	6.37
	17	15	58.17	5.48	56.87	5.66	55.25	5.84	54.35	5.94	53.62	6.02	51.67	6.20
	20	19	58.54	5.34	57.23	5.52	55.60	5.69	54.69	5.79	53.96	5.87	52.00	6.05
	25	23	58.91	5.20	57.59	5.37	55.95	5.54	55.03	5.64	54.30	5.72	52.33	5.89
	30	28	59.37	5.03	58.04	5.19	56.38	5.36	55.46	5.45	54.72	5.53	52.73	5.69
	35	32	59.74	4.89	58.40	5.05	56.73	5.21	55.81	5.30	55.06	5.37	53.06	5.54
	40	36	60.10	4.75	58.76	4.91	57.08	5.07	56.15	5.15	55.40	5.22	53.39	5.38
	45	41	60.56	4.58	59.21	4.73	57.52	4.88	56.58	4.97	55.83	5.03	53.80	5.18
	47	43	60.75	4.51	59.39	4.66	57.69	4.81	56.75	4.89	56.00	4.96	53.96	5.11
	50	46	60.93	4.48	59.70	4.61	58.22	4.75	57.38	4.82	56.70	4.88	54.79	5.01
	55	51	61.22	4.43	60.21	4.54	59.10	4.65	58.42	4.70	57.87	4.75	56.16	4.85
	60	56	61.52	4.39	60.72	4.47	59.97	4.55	59.46	4.59	59.05	4.61	57.54	4.69
	63	59	61.70	4.36	61.03	4.43	60.50	4.49	60.08	4.52	59.75	4.54	58.36	4.59
	68	64	61.88	4.33	61.33	4.38	61.03	4.44	60.72	4.45	60.47	4.46	59.20	4.49
46	-13	-13.4	40.90	5.38	39.98	5.56	38.84	5.74	38.21	5.84	37.70	5.91	36.33	6.09
	-4	-4.4	47.16	5.67	46.10	5.86	44.79	6.05	44.05	6.15	43.47	6.24	41.89	6.42
	0	-0.4	50.54	5.78	49.41	5.97	48.00	6.16	47.21	6.27	46.59	6.35	44.89	6.54
	5	4.5	54.77	5.91	53.55	6.11	52.02	6.30	51.17	6.41	50.49	6.50	48.65	6.70
	10	9	56.56	5.71	55.29	5.89	53.71	6.08	52.84	6.19	52.13	6.27	50.24	6.46
	17	15	58.94	5.56	57.62	5.74	55.98	5.92	55.06	6.03	54.33	6.11	52.36	6.29
	20	19	59.31	5.42	57.99	5.59	56.33	5.77	55.41	5.87	54.68	5.95	52.69	6.13
	25	23	59.69	5.28	58.35	5.45	56.69	5.62	55.76	5.72	55.02	5.80	53.02	5.97
	30	28	60.15	5.10	58.81	5.27	57.13	5.44	56.19	5.53	55.45	5.61	53.43	5.77
	35	32	60.53	4.96	59.17	5.12	57.48	5.29	56.54	5.38	55.79	5.45	53.76	5.62
	40	36	60.90	4.82	59.54	4.98	57.84	5.14	56.89	5.23	56.13	5.30	54.09	5.46
	45	41	61.36	4.64	59.99	4.80	58.28	4.95	57.33	5.04	56.56	5.10	54.51	5.26
	47	43	61.55	4.57	60.17	4.72	58.46	4.88	57.50	4.96	56.74	5.03	54.67	5.18
	50	46	61.73	4.54	60.49	4.68	58.99	4.82	58.13	4.89	57.45	4.95	55.51	5.08
	55	51	62.03	4.50	61.00	4.61	59.88	4.72	59.19	4.77	58.64	4.81	56.90	4.92
	60	56	62.33	4.45	61.52	4.53	60.77	4.62	60.25	4.65	59.83	4.68	58.30	4.75
	63	59	62.51	4.42	61.83	4.49	61.30	4.56	60.88	4.58	60.54	4.60	59.14	4.65
	68	64	62.70	4.39	62.15	4.45	61.84	4.50	61.52	4.51	61.27	4.52	59.98	4.56
47	-13	-13.4	41.43	5.45	40.50	5.63	39.35	5.81	38.70	5.91	38.19	5.99	36.80	6.17
	-4	-4.4	47.77	5.74	46.70	5.93	45.37	6.12	44.63	6.23	44.04	6.31	42.43	6.50
	0	-0.4	51.20	5.85	50.06	6.04	48.63	6.24	47.83	6.34	47.20	6.43	45.48	6.62
	5	4.5	55.48	5.98	54.24	6.18	52.69	6.38	51.83	6.49	51.14	6.58	49.28	6.78
	10	9	57.29	5.78	56.01	5.97	54.41	6.16	53.53	6.26	52.81	6.35	50.89	6.54
	17	15	59.71	5.62	58.38	5.81	56.71	6.00	55.78	6.10	55.04	6.18	53.04	6.37
	20	19	60.09	5.48	58.75	5.66	57.07	5.84	56.13	5.94	55.39	6.03	53.37	6.21
	25	23	60.47	5.34	59.11	5.52	57.43	5.69	56.49	5.79	55.74	5.87	53.71	6.05
	30	28	60.94	5.16	59.58	5.33	57.87	5.50	56.93	5.60	56.17	5.67	54.13	5.84
	35	32	61.31	5.02	59.94	5.19	58.23	5.35	57.28	5.44	56.52	5.52	54.46	5.68
	40	36	61.69	4.88	60.31	5.04	58.59	5.20	57.63	5.29	56.87	5.36	54.80	5.52
	45	41	62.16	4.70	60.77	4.86	59.04	5.01	58.07	5.10	57.30	5.17	55.22	5.32
	47	43	62.35	4.63	60.96	4.78	59.22	4.93	58.25	5.02	57.48	5.09	55.39	5.24
	50	46	62.54	4.60	61.27	4.74	59.76	4.87	58.89	4.95	58.20	5.01	56.23	5.14
	55	51	62.84	4.55	61.80	4.66	60.66	4.77	59.96	4.83	59.40	4.87	57.65	4.98
	60	56	63.15	4.50	62.32	4.59	61.56	4.67	61.03	4.71	60.61	4.74	59.06	4.81
	63	59	63.33	4.47	62.64	4.55	62.10	4.61	61.67	4.64	61.33	4.66	59.91	4.71
	68	64	63.51	4.44	62.96	4.50	62.64	4.55	62.32	4.57	62.06	4.58	60.77	4.61

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F ^{WITH LGRED°}
MULTI F MAX

Table 83: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
49	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68
	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
50	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68
	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 84: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
51	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
52	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68
	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
53	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68
	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

MULTI F WITH LGRED[®]
MULTI F MAX

Maximum Heating Capacity Tables

Table 85: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68
55	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68
56	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 86: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
57	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
58	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68
	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
59	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68
	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 87: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
61	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68
	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
62	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68
	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 88: KUMXA481A Maximum Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
63	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
64	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68
	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
65	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68
	-13	-13.4	41.96	5.52	41.03	5.70	39.85	5.89	39.20	5.99	38.68	6.07	37.28	6.25
	-4	-4.4	48.39	5.82	47.31	6.01	45.95	6.21	45.20	6.31	44.60	6.40	42.98	6.59
	0	-0.4	51.86	5.93	50.70	6.13	49.25	6.32	48.45	6.43	47.80	6.52	46.06	6.72
	5	4.5	56.20	6.07	54.94	6.27	53.37	6.47	52.50	6.58	51.80	6.67	49.92	6.87
	10	9	58.03	5.86	56.74	6.05	55.11	6.24	54.21	6.35	53.49	6.44	51.55	6.63
	17	15	60.48	5.70	59.13	5.89	57.44	6.08	56.50	6.18	55.75	6.27	53.72	6.46
	20	19	60.86	5.56	59.50	5.74	57.80	5.93	56.86	6.03	56.10	6.11	54.06	6.29
	25	23	61.24	5.41	59.88	5.59	58.16	5.77	57.21	5.87	56.45	5.95	54.40	6.13
	30	28	61.72	5.23	60.34	5.41	58.62	5.58	57.66	5.68	56.89	5.75	54.83	5.93
	35	32	62.10	5.09	60.72	5.26	58.98	5.43	58.02	5.52	57.25	5.59	55.17	5.76
	40	36	62.49	4.95	61.09	5.11	59.34	5.27	58.38	5.36	57.60	5.44	55.50	5.60
	45	41	62.96	4.77	61.56	4.92	59.80	5.08	58.82	5.17	58.04	5.24	55.93	5.40
	47	43	63.16	4.69	61.74	4.85	59.98	5.00	59.00	5.09	58.22	5.16	56.10	5.31
	50	46	63.34	4.66	62.06	4.80	60.53	4.94	59.65	5.02	58.95	5.08	56.96	5.21
	55	51	63.65	4.61	62.59	4.73	61.44	4.84	60.73	4.90	60.17	4.94	58.39	5.05
	60	56	63.96	4.57	63.13	4.65	62.35	4.74	61.82	4.77	61.39	4.80	59.82	4.88
	63	59	64.14	4.54	63.45	4.61	62.90	4.68	62.47	4.70	62.12	4.72	60.68	4.78
	68	64	64.33	4.51	63.77	4.56	63.45	4.62	63.12	4.63	62.86	4.64	61.55	4.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 89: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	16.93	2.03	16.55	2.10	16.08	2.16	15.81	2.20	15.60	2.23	15.04	2.30
	-4	-4.4	19.52	2.14	19.08	2.21	18.54	2.28	18.23	2.32	17.99	2.35	17.34	2.42
	0	-0.4	20.92	2.18	20.45	2.25	19.87	2.32	19.54	2.36	19.28	2.39	18.58	2.47
	5	4.5	22.67	2.23	22.16	2.30	21.53	2.38	21.18	2.42	20.90	2.45	20.14	2.52
	10	9	23.41	2.16	22.89	2.23	22.23	2.30	21.87	2.34	21.58	2.37	20.79	2.44
	17	15	24.40	2.11	23.85	2.18	23.17	2.25	22.79	2.29	22.49	2.32	21.67	2.39
	20	19	24.55	2.06	24.00	2.13	23.32	2.19	22.94	2.23	22.63	2.26	21.81	2.33
	25	23	24.71	2.01	24.15	2.07	23.46	2.14	23.08	2.18	22.77	2.21	21.94	2.27
	30	28	24.90	1.94	24.34	2.01	23.65	2.07	23.26	2.11	22.95	2.14	22.12	2.20
	35	32	25.05	1.89	24.49	1.95	23.79	2.02	23.40	2.05	23.09	2.08	22.25	2.14
	40	36	25.21	1.84	24.64	1.90	23.94	1.96	23.55	2.00	23.23	2.02	22.39	2.08
	45	41	25.40	1.78	24.83	1.84	24.12	1.89	23.73	1.93	23.41	1.95	22.56	2.01
	47	43	25.48	1.75	24.91	1.81	24.20	1.87	23.80	1.90	23.48	1.93	22.63	1.98
	50	46	25.55	1.74	25.04	1.79	24.42	1.85	24.06	1.87	23.78	1.90	22.98	1.95
	55	51	25.68	1.72	25.25	1.77	24.78	1.81	24.50	1.83	24.27	1.84	23.55	1.88
	60	56	25.80	1.70	25.46	1.74	25.15	1.77	24.94	1.78	24.76	1.79	24.13	1.82
	63	59	25.88	1.69	25.59	1.72	25.37	1.75	25.20	1.76	25.06	1.76	24.48	1.78
	68	64	25.95	1.68	25.72	1.70	25.59	1.72	25.46	1.73	25.36	1.73	24.83	1.75
19	-13	-13.4	17.97	2.16	17.56	2.23	17.06	2.30	16.78	2.34	16.56	2.37	15.96	2.44
	-4	-4.4	20.72	2.27	20.25	2.35	19.67	2.42	19.35	2.47	19.10	2.50	18.40	2.57
	0	-0.4	22.20	2.32	21.71	2.39	21.09	2.47	20.74	2.51	20.47	2.55	19.72	2.62
	5	4.5	24.06	2.37	23.52	2.45	22.85	2.53	22.48	2.57	22.18	2.60	21.37	2.68
	10	9	24.85	2.29	24.29	2.37	23.60	2.45	23.21	2.49	22.90	2.52	22.07	2.60
	17	15	25.89	2.24	25.31	2.32	24.59	2.39	24.19	2.43	23.87	2.46	23.00	2.54
	20	19	26.06	2.19	25.47	2.26	24.75	2.33	24.34	2.37	24.02	2.40	23.15	2.48
	25	23	26.22	2.13	25.63	2.20	24.90	2.27	24.50	2.31	24.17	2.34	23.29	2.42
	30	28	26.43	2.07	25.83	2.13	25.10	2.20	24.69	2.24	24.36	2.27	23.47	2.34
	35	32	26.59	2.01	25.99	2.08	25.25	2.14	24.84	2.18	24.51	2.21	23.62	2.28
	40	36	26.75	1.96	26.15	2.02	25.41	2.09	24.99	2.12	24.66	2.15	23.76	2.22
	45	41	26.96	1.89	26.35	1.95	25.60	2.01	25.18	2.05	24.85	2.08	23.95	2.14
	47	43	27.04	1.86	26.43	1.92	25.68	1.99	25.26	2.02	24.92	2.05	24.02	2.11
	50	46	27.12	1.85	26.57	1.91	25.91	1.96	25.54	1.99	25.24	2.01	24.39	2.07
	55	51	27.25	1.83	26.80	1.88	26.30	1.92	26.00	1.94	25.76	1.96	25.00	2.00
	60	56	27.38	1.81	27.03	1.85	26.69	1.88	26.47	1.89	26.28	1.91	25.61	1.94
	63	59	27.46	1.80	27.16	1.83	26.93	1.86	26.74	1.87	26.60	1.87	25.98	1.90
	68	64	27.54	1.79	27.30	1.81	27.16	1.83	27.03	1.84	26.91	1.84	26.35	1.86
20	-13	-13.4	19.00	2.30	18.57	2.37	18.04	2.45	17.75	2.49	17.51	2.52	16.87	2.60
	-4	-4.4	21.91	2.42	21.42	2.50	20.80	2.58	20.46	2.62	20.19	2.66	19.46	2.74
	0	-0.4	23.48	2.46	22.95	2.55	22.30	2.63	21.93	2.67	21.64	2.71	20.85	2.79
	5	4.5	25.44	2.52	24.87	2.60	24.16	2.69	23.77	2.73	23.45	2.77	22.60	2.85
	10	9	26.27	2.44	25.69	2.52	24.95	2.60	24.54	2.65	24.22	2.68	23.34	2.77
	17	15	27.38	2.39	26.77	2.46	26.00	2.54	25.58	2.59	25.24	2.62	24.32	2.70
	20	19	27.55	2.33	26.94	2.40	26.17	2.48	25.74	2.52	25.40	2.56	24.47	2.64
	25	23	27.73	2.27	27.11	2.35	26.33	2.42	25.90	2.46	25.56	2.50	24.63	2.57
	30	28	27.94	2.20	27.32	2.27	26.54	2.34	26.10	2.38	25.76	2.42	24.82	2.49
	35	32	28.12	2.14	27.49	2.21	26.70	2.28	26.27	2.32	25.92	2.35	24.97	2.42
	40	36	28.29	2.08	27.66	2.15	26.87	2.22	26.43	2.26	26.08	2.29	25.13	2.36
	45	41	28.50	2.01	27.87	2.08	27.07	2.14	26.63	2.18	26.28	2.21	25.32	2.28
	47	43	28.59	1.98	27.95	2.05	27.15	2.11	26.71	2.15	26.36	2.18	25.40	2.24
	50	46	28.68	1.97	28.10	2.03	27.40	2.09	27.00	2.12	26.69	2.14	25.79	2.20
	55	51	28.82	1.95	28.34	2.00	27.81	2.04	27.49	2.07	27.24	2.09	26.43	2.13
	60	56	28.96	1.93	28.58	1.97	28.23	2.00	27.99	2.02	27.79	2.03	27.08	2.06
	63	59	29.04	1.92	28.72	1.95	28.47	1.98	28.28	1.99	28.12	1.99	27.47	2.02
	68	64	29.12	1.90	28.87	1.93	28.72	1.95	28.58	1.96	28.46	1.96	27.86	1.98

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 90: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	20.04	2.44	19.59	2.52	19.03	2.60	18.72	2.64	18.47	2.68	17.80	2.76
	-4	-4.4	23.10	2.57	22.59	2.65	21.94	2.74	21.58	2.78	21.30	2.82	20.52	2.91
	0	-0.4	24.76	2.61	24.21	2.70	23.52	2.79	23.13	2.83	22.82	2.87	21.99	2.96
	5	4.5	26.83	2.67	26.23	2.76	25.48	2.85	25.07	2.90	24.73	2.94	23.83	3.03
	10	9	27.71	2.59	27.09	2.68	26.32	2.76	25.89	2.81	25.54	2.85	24.61	2.93
	17	15	28.88	2.53	28.23	2.61	27.42	2.70	26.98	2.74	26.62	2.78	25.65	2.86
	20	19	29.06	2.47	28.41	2.55	27.60	2.63	27.15	2.68	26.79	2.71	25.81	2.80
	25	23	29.24	2.41	28.59	2.49	27.77	2.57	27.32	2.61	26.95	2.65	25.97	2.73
	30	28	29.47	2.33	28.81	2.41	27.99	2.49	27.53	2.53	27.16	2.56	26.18	2.64
	35	32	29.65	2.27	28.99	2.35	28.16	2.42	27.70	2.46	27.33	2.50	26.34	2.57
	40	36	29.83	2.21	29.17	2.28	28.33	2.36	27.87	2.40	27.50	2.43	26.50	2.50
	45	41	30.06	2.13	29.39	2.20	28.55	2.27	28.08	2.31	27.71	2.34	26.70	2.41
	47	43	30.15	2.10	29.48	2.17	28.64	2.24	28.17	2.28	27.80	2.31	26.78	2.38
	50	46	30.24	2.09	29.63	2.15	28.90	2.21	28.48	2.25	28.15	2.27	27.19	2.34
	55	51	30.39	2.07	29.89	2.12	29.33	2.17	29.00	2.19	28.73	2.21	27.88	2.26
	60	56	30.54	2.04	30.14	2.08	29.77	2.12	29.51	2.14	29.31	2.15	28.56	2.18
	63	59	30.63	2.03	30.29	2.06	30.03	2.10	29.83	2.11	29.66	2.11	28.97	2.14
	68	64	30.72	2.02	30.45	2.04	30.29	2.07	30.14	2.07	30.01	2.08	29.39	2.10
22	-13	-13.4	21.07	2.57	20.60	2.66	20.01	2.74	19.68	2.79	19.42	2.83	18.71	2.91
	-4	-4.4	24.29	2.71	23.75	2.80	23.07	2.89	22.69	2.94	22.39	2.98	21.58	3.07
	0	-0.4	26.03	2.76	25.45	2.85	24.73	2.95	24.32	3.00	24.00	3.04	23.13	3.13
	5	4.5	28.21	2.83	27.58	2.92	26.79	3.01	26.36	3.06	26.01	3.11	25.06	3.20
	10	9	29.13	2.74	28.48	2.83	27.67	2.92	27.22	2.97	26.86	3.01	25.88	3.10
	17	15	30.36	2.67	29.68	2.76	28.84	2.85	28.36	2.90	27.99	2.94	26.97	3.03
	20	19	30.55	2.61	29.87	2.70	29.02	2.78	28.54	2.83	28.16	2.87	27.14	2.95
	25	23	30.75	2.54	30.06	2.63	29.20	2.71	28.72	2.76	28.34	2.80	27.31	2.88
	30	28	30.99	2.46	30.29	2.55	29.43	2.63	28.95	2.67	28.56	2.71	27.52	2.79
	35	32	31.18	2.40	30.48	2.48	29.61	2.56	29.13	2.60	28.74	2.64	27.69	2.72
	40	36	31.37	2.34	30.67	2.41	29.79	2.49	29.31	2.53	28.92	2.57	27.87	2.64
	45	41	31.61	2.25	30.90	2.33	30.02	2.40	29.53	2.44	29.14	2.48	28.08	2.55
	47	43	31.71	2.22	31.00	2.30	30.11	2.37	29.62	2.41	29.23	2.44	28.16	2.52
	50	46	31.80	2.21	31.16	2.27	30.39	2.34	29.95	2.38	29.59	2.40	28.59	2.47
	55	51	31.95	2.18	31.42	2.24	30.84	2.29	30.49	2.32	30.21	2.34	29.31	2.39
	60	56	32.11	2.16	31.69	2.20	31.30	2.24	31.03	2.26	30.82	2.27	30.03	2.31
	63	59	32.20	2.15	31.85	2.18	31.58	2.21	31.36	2.23	31.19	2.24	30.46	2.26
	68	64	32.30	2.13	32.01	2.16	31.85	2.19	31.69	2.19	31.56	2.20	30.90	2.22
23	-13	-13.4	22.11	2.71	21.61	2.80	20.99	2.89	20.65	2.94	20.38	2.98	19.64	3.07
	-4	-4.4	25.49	2.86	24.92	2.95	24.21	3.05	23.81	3.10	23.50	3.14	22.64	3.24
	0	-0.4	27.32	2.91	26.71	3.01	25.94	3.10	25.52	3.16	25.18	3.20	24.27	3.30
	5	4.5	29.60	2.98	28.94	3.08	28.12	3.18	27.66	3.23	27.29	3.27	26.30	3.37
	10	9	30.57	2.89	29.89	2.98	29.03	3.08	28.56	3.13	28.18	3.17	27.15	3.27
	17	15	31.86	2.82	31.15	2.91	30.26	3.00	29.76	3.06	29.37	3.10	28.30	3.19
	20	19	32.06	2.75	31.34	2.84	30.45	2.93	29.95	2.98	29.55	3.02	28.48	3.11
	25	23	32.26	2.68	31.54	2.77	30.64	2.86	30.14	2.91	29.74	2.95	28.66	3.04
	30	28	32.51	2.60	31.79	2.68	30.88	2.77	30.37	2.82	29.97	2.85	28.88	2.94
	35	32	32.72	2.53	31.98	2.61	31.07	2.70	30.56	2.74	30.16	2.78	29.06	2.86
	40	36	32.92	2.46	32.18	2.54	31.26	2.62	30.75	2.67	30.34	2.71	29.24	2.79
	45	41	33.17	2.38	32.43	2.45	31.50	2.53	30.99	2.58	30.57	2.61	29.46	2.69
	47	43	33.27	2.34	32.53	2.42	31.60	2.50	31.08	2.54	30.67	2.57	29.55	2.65
	50	46	33.37	2.33	32.69	2.40	31.88	2.47	31.42	2.50	31.05	2.53	30.00	2.60
	55	51	33.53	2.30	32.97	2.36	32.36	2.42	31.99	2.44	31.70	2.47	30.76	2.52
	60	56	33.69	2.28	33.25	2.32	32.84	2.36	32.56	2.38	32.34	2.40	31.51	2.43
	63	59	33.79	2.26	33.42	2.30	33.13	2.33	32.91	2.35	32.72	2.36	31.96	2.38
	68	64	33.89	2.25	33.59	2.28	33.42	2.30	33.25	2.31	33.12	2.32	32.42	2.33

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 91: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	23.14	2.85	22.62	2.95	21.97	3.04	21.61	3.09	21.33	3.13	20.55	3.23
	-4	-4.4	26.68	3.01	26.08	3.10	25.34	3.20	24.92	3.26	24.59	3.30	23.70	3.40
	0	-0.4	28.59	3.06	27.95	3.16	27.15	3.26	26.71	3.32	26.36	3.36	25.40	3.47
	5	4.5	30.98	3.13	30.29	3.23	29.43	3.34	28.95	3.40	28.56	3.44	27.52	3.54
	10	9	32.00	3.03	31.28	3.13	30.39	3.23	29.89	3.29	29.49	3.33	28.42	3.43
	17	15	33.35	2.96	32.60	3.06	31.67	3.16	31.15	3.21	30.74	3.26	29.62	3.35
	20	19	33.56	2.89	32.81	2.99	31.87	3.08	31.35	3.14	30.93	3.18	29.81	3.27
	25	23	33.77	2.82	33.01	2.91	32.07	3.01	31.55	3.06	31.13	3.10	29.99	3.19
	30	28	34.03	2.73	33.27	2.82	32.32	2.91	31.79	2.96	31.37	3.00	30.23	3.09
	35	32	34.24	2.66	33.48	2.75	32.52	2.83	31.99	2.88	31.56	2.92	30.42	3.01
	40	36	34.45	2.59	33.68	2.67	32.72	2.76	32.19	2.81	31.76	2.84	30.60	2.93
	45	41	34.72	2.50	33.94	2.58	32.97	2.66	32.43	2.71	32.00	2.75	30.84	2.83
	47	43	34.82	2.46	34.04	2.54	33.07	2.62	32.53	2.67	32.10	2.71	30.93	2.79
	50	46	34.92	2.45	34.22	2.52	33.37	2.59	32.89	2.63	32.50	2.66	31.40	2.73
	55	51	35.09	2.42	34.51	2.48	33.87	2.54	33.49	2.57	33.17	2.59	32.19	2.65
25	60	56	35.26	2.39	34.81	2.44	34.38	2.49	34.08	2.50	33.85	2.52	32.98	2.56
	63	59	35.37	2.38	34.98	2.42	34.68	2.45	34.44	2.47	34.25	2.48	33.46	2.51
	68	64	35.47	2.36	35.16	2.39	34.98	2.42	34.80	2.43	34.66	2.43	33.94	2.45
	-13	-13.4	24.18	2.99	23.64	3.09	22.96	3.19	22.58	3.24	22.28	3.29	21.47	3.39
	-4	-4.4	27.88	3.15	27.25	3.26	26.47	3.36	26.04	3.42	25.70	3.46	24.76	3.57
	0	-0.4	29.88	3.21	29.21	3.32	28.37	3.42	27.91	3.48	27.54	3.53	26.54	3.63
	5	4.5	32.38	3.28	31.65	3.39	30.75	3.50	30.25	3.56	29.84	3.61	28.76	3.72
	10	9	33.43	3.18	32.69	3.29	31.75	3.39	31.23	3.45	30.82	3.50	29.70	3.60
	17	15	34.84	3.11	34.06	3.21	33.09	3.31	32.55	3.37	32.12	3.41	30.95	3.52
	20	19	35.06	3.03	34.28	3.13	33.30	3.23	32.76	3.29	32.32	3.33	31.14	3.43
	25	23	35.28	2.96	34.49	3.05	33.51	3.15	32.96	3.21	32.52	3.25	31.34	3.35
	30	28	35.56	2.86	34.76	2.96	33.77	3.05	33.22	3.10	32.78	3.15	31.59	3.24
	35	32	35.78	2.79	34.98	2.88	33.98	2.97	33.42	3.02	32.98	3.06	31.78	3.16
	40	36	36.00	2.71	35.19	2.80	34.19	2.89	33.63	2.94	33.18	2.98	31.98	3.07
	45	41	36.27	2.62	35.46	2.71	34.45	2.79	33.89	2.84	33.44	2.88	32.22	2.97
	47	43	36.38	2.58	35.57	2.67	34.55	2.75	33.99	2.80	33.54	2.84	32.32	2.92
26	50	46	36.49	2.57	35.75	2.64	34.87	2.72	34.36	2.76	33.96	2.79	32.81	2.87
	55	51	36.67	2.54	36.06	2.60	35.39	2.66	34.99	2.69	34.66	2.72	33.64	2.78
	60	56	36.85	2.51	36.37	2.56	35.92	2.61	35.61	2.63	35.37	2.64	34.46	2.68
	63	59	36.95	2.50	36.55	2.54	36.24	2.57	35.99	2.59	35.79	2.60	34.96	2.63
	68	64	37.06	2.48	36.74	2.51	36.55	2.54	36.37	2.55	36.22	2.55	35.46	2.57
	-13	-13.4	25.21	3.14	24.64	3.24	23.94	3.35	23.55	3.41	23.24	3.45	22.39	3.56
	-4	-4.4	29.07	3.31	28.42	3.42	27.60	3.53	27.15	3.59	26.79	3.64	25.82	3.75
	0	-0.4	31.15	3.37	30.45	3.48	29.58	3.59	29.10	3.66	28.71	3.70	27.67	3.82
	5	4.5	33.76	3.45	33.00	3.56	32.06	3.68	31.54	3.74	31.12	3.79	29.99	3.90
	10	9	34.86	3.34	34.08	3.45	33.11	3.56	32.57	3.62	32.13	3.67	30.96	3.78
	17	15	36.33	3.26	35.52	3.37	34.50	3.48	33.94	3.54	33.49	3.59	32.27	3.69
	20	19	36.56	3.18	35.74	3.29	34.72	3.39	34.15	3.45	33.70	3.50	32.47	3.60
	25	23	36.79	3.10	35.97	3.21	34.94	3.31	34.37	3.37	33.91	3.41	32.68	3.52
	30	28	37.07	3.01	36.25	3.11	35.21	3.20	34.64	3.26	34.18	3.30	32.93	3.40
	35	32	37.30	2.93	36.47	3.02	35.43	3.12	34.85	3.17	34.39	3.22	33.14	3.31
	40	36	37.53	2.85	36.70	2.94	35.65	3.04	35.06	3.09	34.60	3.13	33.34	3.23
	45	41	37.82	2.75	36.98	2.84	35.92	2.93	35.33	2.98	34.86	3.02	33.60	3.11
	47	43	37.94	2.71	37.09	2.80	36.03	2.89	35.44	2.94	34.97	2.98	33.70	3.07
	50	46	38.05	2.69	37.28	2.77	36.36	2.85	35.83	2.90	35.41	2.93	34.21	3.01
	55	51	38.23	2.67	37.60	2.73	36.90	2.80	36.48	2.83	36.14	2.85	35.07	2.91
	60	56	38.42	2.64	37.92	2.69	37.45	2.74	37.13	2.76	36.88	2.77	35.93	2.82
	63	59	38.53	2.62	38.11	2.66	37.78	2.70	37.52	2.72	37.32	2.73	36.45	2.76
	68	64	38.64	2.60	38.30	2.64	38.11	2.67	37.92	2.67	37.76	2.68	36.97	2.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 92: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	26.25	3.28	25.66	3.39	24.93	3.50	24.52	3.56	24.19	3.60	23.31	3.71
	-4	-4.4	30.26	3.46	29.59	3.57	28.74	3.68	28.27	3.75	27.90	3.80	26.88	3.91
	0	-0.4	32.43	3.52	31.71	3.64	30.80	3.75	30.30	3.82	29.90	3.87	28.81	3.98
	5	4.5	35.15	3.60	34.36	3.72	33.38	3.84	32.83	3.90	32.40	3.96	31.22	4.08
	10	9	36.30	3.49	35.48	3.60	34.47	3.72	33.91	3.78	33.46	3.83	32.24	3.95
	17	15	37.83	3.41	36.98	3.52	35.92	3.63	35.34	3.69	34.87	3.74	33.60	3.86
	20	19	38.06	3.32	37.21	3.43	36.15	3.54	35.56	3.60	35.09	3.65	33.81	3.76
	25	23	38.30	3.24	37.45	3.35	36.38	3.46	35.78	3.52	35.31	3.56	34.02	3.67
	30	28	38.60	3.14	37.74	3.24	36.66	3.35	36.06	3.40	35.58	3.45	34.29	3.55
	35	32	38.84	3.06	37.97	3.16	36.89	3.26	36.29	3.32	35.80	3.36	34.50	3.46
	40	36	39.08	2.97	38.21	3.07	37.12	3.17	36.51	3.23	36.02	3.27	34.71	3.37
	45	41	39.38	2.87	38.50	2.97	37.40	3.06	36.79	3.11	36.30	3.16	34.98	3.25
	47	43	39.50	2.83	38.62	2.92	37.51	3.02	36.90	3.07	36.41	3.11	35.09	3.21
	50	46	39.61	2.81	38.82	2.90	37.86	2.98	37.31	3.03	36.87	3.06	35.62	3.14
	55	51	39.81	2.78	39.15	2.85	38.43	2.92	37.98	2.95	37.63	2.98	36.52	3.04
	60	56	40.00	2.75	39.48	2.81	39.00	2.86	38.66	2.88	38.39	2.90	37.41	2.94
28	63	59	40.12	2.74	39.68	2.78	39.34	2.82	39.07	2.84	38.85	2.85	37.95	2.88
	68	64	40.23	2.72	39.88	2.75	39.68	2.79	39.48	2.79	39.32	2.80	38.49	2.82
	-13	-13.4	27.28	3.43	26.67	3.54	25.91	3.66	25.49	3.72	25.15	3.77	24.24	3.88
	-4	-4.4	31.46	3.61	30.76	3.73	29.88	3.85	29.39	3.92	29.00	3.97	27.94	4.09
	0	-0.4	33.72	3.68	32.96	3.80	32.02	3.92	31.50	3.99	31.08	4.05	29.95	4.17
	5	4.5	36.54	3.76	35.72	3.89	34.70	4.01	34.13	4.08	33.68	4.14	32.46	4.26
	10	9	37.73	3.65	36.89	3.77	35.83	3.89	35.25	3.95	34.78	4.01	33.52	4.13
	17	15	39.32	3.56	38.44	3.68	37.34	3.80	36.73	3.86	36.25	3.91	34.93	4.03
	20	19	39.57	3.48	38.69	3.59	37.58	3.71	36.97	3.77	36.48	3.82	35.15	3.94
	25	23	39.82	3.39	38.93	3.50	37.82	3.61	37.20	3.68	36.70	3.73	35.37	3.84
	30	28	40.13	3.28	39.23	3.39	38.11	3.50	37.49	3.56	36.99	3.61	35.65	3.72
	35	32	40.38	3.20	39.48	3.30	38.35	3.41	37.72	3.47	37.22	3.51	35.87	3.62
	40	36	40.63	3.11	39.72	3.21	38.58	3.32	37.95	3.37	37.45	3.42	36.09	3.52
	45	41	40.94	3.00	40.02	3.10	38.88	3.20	38.24	3.26	37.74	3.30	36.36	3.40
	47	43	41.06	2.96	40.14	3.06	39.00	3.16	38.36	3.21	37.85	3.25	36.47	3.35
	50	46	41.18	2.94	40.35	3.03	39.35	3.12	38.78	3.16	38.33	3.20	37.03	3.29
	55	51	41.38	2.91	40.70	2.98	39.95	3.05	39.49	3.09	39.12	3.12	37.96	3.18
29	60	56	41.58	2.88	41.04	2.93	40.54	2.99	40.19	3.01	39.91	3.03	38.89	3.08
	63	59	41.71	2.86	41.25	2.91	40.89	2.95	40.61	2.97	40.39	2.98	39.45	3.01
	68	64	41.83	2.84	41.46	2.88	41.25	2.91	41.04	2.92	40.87	2.93	40.02	2.95
	-13	-13.4	28.32	3.58	27.68	3.70	26.89	3.81	26.45	3.88	26.10	3.93	25.15	4.05
	-4	-4.4	32.65	3.77	31.92	3.90	31.01	4.02	30.50	4.09	30.10	4.14	29.00	4.27
	0	-0.4	34.99	3.84	34.21	3.97	33.23	4.09	32.69	4.17	32.25	4.22	31.08	4.35
	5	4.5	37.92	3.93	37.07	4.06	36.01	4.19	35.42	4.26	34.95	4.32	33.68	4.45
	10	9	39.16	3.81	38.28	3.93	37.19	4.06	36.58	4.13	36.09	4.18	34.78	4.31
	17	15	40.81	3.72	39.90	3.84	38.76	3.96	38.12	4.03	37.62	4.09	36.25	4.21
	20	19	41.07	3.63	40.15	3.75	39.00	3.87	38.36	3.93	37.85	3.99	36.48	4.11
	25	23	41.32	3.54	40.40	3.65	39.25	3.77	38.61	3.84	38.09	3.89	36.71	4.01
	30	28	41.65	3.43	40.72	3.54	39.55	3.65	38.91	3.71	38.39	3.77	36.99	3.88
	35	32	41.90	3.34	40.97	3.45	39.80	3.56	39.15	3.62	38.63	3.67	37.22	3.78
	40	36	42.16	3.25	41.22	3.35	40.04	3.46	39.39	3.52	38.86	3.57	37.45	3.68
	45	41	42.48	3.13	41.54	3.24	40.35	3.34	39.69	3.40	39.16	3.44	37.74	3.55
	47	43	42.61	3.09	41.66	3.19	40.47	3.29	39.81	3.35	39.28	3.40	37.85	3.50
	50	46	42.74	3.07	41.88	3.16	40.84	3.25	40.25	3.30	39.78	3.34	38.43	3.43
	55	51	42.95	3.04	42.24	3.11	41.46	3.19	40.98	3.22	40.60	3.25	39.40	3.32
	60	56	43.16	3.00	42.59	3.06	42.07	3.12	41.71	3.14	41.42	3.16	40.36	3.21
	63	59	43.28	2.99	42.81	3.03	42.44	3.08	42.15	3.09	41.92	3.11	40.94	3.14
	68	64	43.41	2.97	43.03	3.00	42.81	3.04	42.59	3.05	42.42	3.05	41.53	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 93: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	29.35	3.73	28.70	3.85	27.88	3.97	27.42	4.04	27.06	4.10	26.07	4.22
	-4	-4.4	33.85	3.93	33.09	4.06	32.14	4.19	31.62	4.26	31.20	4.32	30.06	4.45
	0	-0.4	36.27	4.00	35.46	4.13	34.45	4.27	33.89	4.34	33.44	4.40	32.22	4.53
	5	4.5	39.31	4.09	38.43	4.23	37.33	4.36	36.72	4.44	36.24	4.50	34.92	4.63
	10	9	40.59	3.96	39.69	4.10	38.55	4.23	37.92	4.30	37.42	4.36	36.06	4.49
	17	15	42.30	3.87	41.36	4.00	40.18	4.13	39.52	4.20	39.00	4.26	37.58	4.38
	20	19	42.57	3.78	41.62	3.90	40.43	4.03	39.77	4.10	39.24	4.15	37.82	4.28
	25	23	42.84	3.69	41.88	3.81	40.69	3.93	40.02	4.00	39.49	4.05	38.05	4.17
	30	28	43.17	3.57	42.21	3.69	41.00	3.80	40.33	3.87	39.80	3.92	38.35	4.04
	35	32	43.44	3.48	42.47	3.59	41.26	3.70	40.58	3.77	40.04	3.82	38.59	3.93
	40	36	43.71	3.38	42.73	3.49	41.51	3.61	40.83	3.67	40.29	3.72	38.83	3.83
	45	41	44.04	3.26	43.06	3.37	41.83	3.48	41.15	3.54	40.60	3.59	39.12	3.70
	47	43	44.18	3.22	43.19	3.32	41.96	3.43	41.27	3.49	40.72	3.54	39.24	3.64
	50	46	44.31	3.20	43.41	3.29	42.34	3.39	41.72	3.44	41.23	3.48	39.84	3.57
	55	51	44.52	3.16	43.78	3.24	42.98	3.32	42.48	3.36	42.09	3.39	40.84	3.46
	60	56	44.74	3.13	44.16	3.19	43.61	3.25	43.24	3.27	42.94	3.29	41.84	3.34
31	63	59	44.87	3.11	44.38	3.16	44.00	3.21	43.70	3.22	43.45	3.24	42.44	3.28
	68	64	45.00	3.09	44.60	3.13	44.38	3.17	44.15	3.17	43.97	3.18	43.05	3.21
	-13	-13.4	30.38	3.88	29.71	4.01	28.86	4.13	28.39	4.20	28.01	4.26	26.99	4.39
	-4	-4.4	35.04	4.09	34.25	4.22	33.27	4.36	32.73	4.43	32.30	4.49	31.12	4.63
	0	-0.4	37.55	4.16	36.71	4.30	35.66	4.44	35.08	4.51	34.61	4.57	33.35	4.71
	5	4.5	40.69	4.26	39.78	4.40	38.65	4.54	38.01	4.62	37.51	4.68	36.14	4.82
	10	9	42.02	4.12	41.08	4.26	39.91	4.40	39.25	4.47	38.73	4.53	37.32	4.67
	17	15	43.79	4.03	42.81	4.16	41.59	4.29	40.91	4.37	40.37	4.43	38.90	4.56
	20	19	44.07	3.93	43.08	4.06	41.85	4.19	41.17	4.26	40.62	4.32	39.14	4.45
	25	23	44.34	3.83	43.35	3.96	42.12	4.09	41.43	4.16	40.88	4.21	39.39	4.34
	30	28	44.69	3.71	43.69	3.83	42.44	3.96	41.75	4.03	41.20	4.08	39.70	4.20
	35	32	44.97	3.61	43.96	3.73	42.71	3.85	42.01	3.92	41.45	3.97	39.94	4.09
	40	36	45.24	3.52	44.23	3.63	42.97	3.75	42.27	3.81	41.71	3.87	40.19	3.98
	45	41	45.59	3.40	44.57	3.51	43.30	3.62	42.59	3.68	42.02	3.73	40.50	3.84
	47	43	45.73	3.35	44.71	3.46	43.43	3.57	42.72	3.63	42.15	3.68	40.62	3.79
	50	46	45.86	3.33	44.94	3.43	43.83	3.52	43.19	3.58	42.68	3.62	41.24	3.72
32	55	51	46.09	3.29	45.32	3.37	44.49	3.45	43.98	3.49	43.57	3.52	42.28	3.60
	60	56	46.31	3.26	45.71	3.32	45.15	3.38	44.76	3.40	44.45	3.43	43.31	3.48
	63	59	46.45	3.23	45.94	3.29	45.54	3.34	45.23	3.35	44.98	3.37	43.94	3.41
	68	64	46.58	3.21	46.17	3.25	45.94	3.29	45.71	3.30	45.52	3.31	44.57	3.34
	-13	-13.4	31.42	4.03	30.72	4.16	29.84	4.29	29.36	4.37	28.97	4.43	27.91	4.56
	-4	-4.4	36.23	4.24	35.42	4.38	34.41	4.52	33.85	4.60	33.40	4.66	32.18	4.80
	0	-0.4	38.83	4.32	37.96	4.46	36.88	4.61	36.28	4.69	35.80	4.75	34.49	4.89
	5	4.5	42.08	4.42	41.14	4.57	39.97	4.71	39.31	4.79	38.79	4.86	37.38	5.01
	10	9	43.46	4.28	42.48	4.42	41.27	4.57	40.60	4.64	40.06	4.71	38.60	4.85
	17	15	45.29	4.18	44.28	4.32	43.01	4.46	42.31	4.54	41.75	4.60	40.23	4.74
	20	19	45.57	4.08	44.56	4.22	43.28	4.35	42.58	4.43	42.01	4.49	40.48	4.62
	25	23	45.86	3.98	44.84	4.11	43.55	4.24	42.84	4.32	42.27	4.38	40.74	4.51
	30	28	46.22	3.85	45.19	3.98	43.89	4.11	43.18	4.18	42.60	4.24	41.05	4.36
	35	32	46.50	3.75	45.47	3.88	44.17	4.00	43.44	4.07	42.87	4.13	41.31	4.25
	40	36	46.79	3.65	45.75	3.77	44.44	3.89	43.71	3.96	43.13	4.02	41.56	4.14
	45	41	47.15	3.53	46.09	3.64	44.78	3.76	44.05	3.82	43.46	3.88	41.88	3.99
	47	43	47.29	3.48	46.23	3.59	44.91	3.71	44.18	3.77	43.59	3.82	42.01	3.94
33	50	46	47.43	3.45	46.47	3.56	45.32	3.66	44.67	3.72	44.14	3.76	42.65	3.86
	55	51	47.66	3.42	46.87	3.50	46.01	3.59	45.48	3.63	45.06	3.66	43.72	3.74
	60	56	47.89	3.38	47.27	3.45	46.69	3.51	46.29	3.54	45.97	3.56	44.79	3.61
	63	59	48.03	3.36	47.51	3.41	47.10	3.46	46.78	3.48	46.52	3.50	45.44	3.54
	68	64	48.17	3.34	47.75	3.38	47.51	3.42	47.27	3.43	47.07	3.44	46.09	3.47

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 94: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	32.45	4.19	31.73	4.33	30.82	4.46	30.32	4.54	29.92	4.60	28.83	4.74
	-4	-4.4	37.42	4.41	36.59	4.56	35.54	4.70	34.96	4.78	34.50	4.85	33.24	5.00
	0	-0.4	40.11	4.49	39.21	4.64	38.09	4.79	37.47	4.87	36.97	4.94	35.63	5.09
	5	4.5	43.46	4.60	42.49	4.75	41.28	4.90	40.60	4.98	40.06	5.05	38.61	5.20
	10	9	44.88	4.45	43.88	4.60	42.63	4.75	41.93	4.83	41.37	4.89	39.87	5.04
	17	15	46.77	4.35	45.73	4.49	44.42	4.64	43.70	4.72	43.12	4.78	41.55	4.92
	20	19	47.07	4.24	46.02	4.38	44.70	4.53	43.97	4.60	43.39	4.67	41.81	4.81
	25	23	47.37	4.14	46.31	4.28	44.98	4.41	44.25	4.49	43.66	4.55	42.07	4.69
	30	28	47.74	4.01	46.67	4.14	45.33	4.27	44.59	4.35	44.00	4.41	42.40	4.54
	35	32	48.03	3.90	46.96	4.03	45.62	4.16	44.87	4.23	44.27	4.29	42.66	4.42
	40	36	48.33	3.80	47.25	3.92	45.90	4.05	45.15	4.12	44.55	4.18	42.93	4.30
	45	41	48.70	3.67	47.61	3.79	46.25	3.91	45.49	3.98	44.89	4.03	43.26	4.15
	47	43	48.84	3.61	47.75	3.73	46.39	3.85	45.63	3.92	45.02	3.97	43.39	4.09
	50	46	48.99	3.59	48.00	3.70	46.81	3.81	46.13	3.86	45.59	3.91	44.05	4.02
	55	51	49.23	3.55	48.41	3.64	47.52	3.73	46.97	3.77	46.53	3.80	45.16	3.89
34	60	56	49.47	3.52	48.82	3.58	48.22	3.65	47.81	3.68	47.48	3.70	46.26	3.76
	63	59	49.61	3.49	49.07	3.55	48.64	3.60	48.31	3.62	48.04	3.64	46.93	3.68
	68	64	49.75	3.47	49.32	3.51	49.07	3.56	48.82	3.57	48.62	3.57	47.60	3.60
	-13	-13.4	33.49	4.34	32.74	4.48	31.81	4.62	31.29	4.70	30.87	4.77	29.75	4.91
	-4	-4.4	38.62	4.57	37.76	4.72	36.68	4.87	36.08	4.96	35.60	5.02	34.30	5.17
	0	-0.4	41.39	4.65	40.47	4.81	39.31	4.96	38.67	5.05	38.15	5.12	36.77	5.27
	5	4.5	44.85	4.76	43.85	4.92	42.60	5.08	41.90	5.16	41.35	5.23	39.84	5.39
	10	9	46.32	4.61	45.28	4.76	43.99	4.92	43.27	5.00	42.70	5.07	41.14	5.22
	17	15	48.27	4.50	47.19	4.65	45.84	4.80	45.09	4.89	44.50	4.95	42.88	5.10
	20	19	48.58	4.40	47.49	4.54	46.13	4.69	45.38	4.77	44.78	4.83	43.15	4.98
	25	23	48.88	4.29	47.79	4.43	46.42	4.57	45.66	4.65	45.06	4.71	43.42	4.85
	30	28	49.26	4.15	48.16	4.29	46.79	4.43	46.02	4.50	45.41	4.56	43.76	4.70
	35	32	49.57	4.04	48.46	4.18	47.08	4.31	46.31	4.38	45.69	4.44	44.03	4.58
	40	36	49.87	3.93	48.76	4.06	47.37	4.19	46.59	4.27	45.97	4.32	44.30	4.45
	45	41	50.25	3.80	49.13	3.92	47.73	4.05	46.95	4.12	46.32	4.17	44.64	4.30
	47	43	50.41	3.74	49.28	3.87	47.87	3.99	47.09	4.06	46.46	4.12	44.77	4.24
35	50	46	50.55	3.72	49.53	3.83	48.31	3.94	47.61	4.00	47.05	4.05	45.46	4.16
	55	51	50.80	3.68	49.96	3.77	49.04	3.86	48.47	3.91	48.02	3.94	46.60	4.02
	60	56	51.05	3.64	50.38	3.71	49.76	3.78	49.34	3.81	49.00	3.83	47.74	3.89
	63	59	51.20	3.62	50.64	3.68	50.20	3.73	49.86	3.75	49.58	3.77	48.43	3.81
	68	64	51.34	3.59	50.89	3.64	50.64	3.68	50.38	3.69	50.17	3.70	49.13	3.73
	-13	-13.4	34.52	4.50	33.75	4.65	32.79	4.79	32.25	4.88	31.82	4.94	30.67	5.09
	-4	-4.4	39.81	4.74	38.92	4.89	37.81	5.05	37.19	5.14	36.70	5.21	35.36	5.36
	0	-0.4	42.66	4.83	41.71	4.99	40.52	5.15	39.86	5.23	39.33	5.31	37.90	5.46
	5	4.5	46.23	4.94	45.20	5.10	43.91	5.26	43.19	5.35	42.62	5.43	41.07	5.59
	10	9	47.74	4.78	46.68	4.94	45.34	5.10	44.60	5.19	44.01	5.26	42.41	5.42
	17	15	49.76	4.67	48.65	4.83	47.26	4.98	46.48	5.07	45.87	5.13	44.20	5.29
	20	19	50.07	4.56	48.95	4.71	47.55	4.86	46.78	4.94	46.16	5.01	44.48	5.16
	25	23	50.39	4.45	49.26	4.59	47.85	4.74	47.07	4.82	46.45	4.89	44.76	5.03
	30	28	50.78	4.30	49.64	4.45	48.23	4.59	47.44	4.67	46.81	4.73	45.11	4.87
	35	32	51.09	4.19	49.95	4.33	48.52	4.47	47.73	4.55	47.10	4.61	45.39	4.75
	40	36	51.41	4.08	50.26	4.21	48.82	4.35	48.03	4.42	47.39	4.48	45.66	4.62
	45	41	51.80	3.94	50.64	4.07	49.20	4.20	48.39	4.27	47.75	4.33	46.01	4.46
	47	43	51.96	3.88	50.80	4.01	49.35	4.14	48.54	4.21	47.89	4.27	46.15	4.40
	50	46	52.11	3.86	51.06	3.97	49.80	4.09	49.07	4.15	48.50	4.20	46.86	4.31
	55	51	52.37	3.82	51.50	3.91	50.55	4.00	49.97	4.05	49.50	4.09	48.04	4.17
	60	56	52.62	3.78	51.93	3.85	51.30	3.92	50.86	3.95	50.51	3.97	49.21	4.03
	63	59	52.77	3.75	52.20	3.81	51.75	3.87	51.39	3.89	51.11	3.90	49.92	3.95
	68	64	52.93	3.73	52.46	3.77	52.20	3.82	51.93	3.83	51.72	3.84	50.64	3.87

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 95: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	35.56	4.67	34.77	4.82	33.77	4.98	33.22	5.06	32.78	5.13	31.59	5.28
	-4	-4.4	41.01	4.92	40.09	5.08	38.94	5.24	38.31	5.33	37.80	5.41	36.42	5.57
	0	-0.4	43.95	5.01	42.97	5.18	41.74	5.34	41.06	5.43	40.51	5.51	39.04	5.67
	5	4.5	47.63	5.12	46.56	5.29	45.23	5.46	44.49	5.56	43.90	5.63	42.30	5.80
	10	9	49.18	4.96	48.08	5.13	46.71	5.29	45.94	5.38	45.33	5.46	43.69	5.62
	17	15	51.25	4.85	50.11	5.01	48.68	5.17	47.88	5.26	47.25	5.33	45.53	5.49
	20	19	51.58	4.73	50.43	4.89	48.98	5.04	48.18	5.13	47.54	5.20	45.81	5.36
	25	23	51.90	4.61	50.74	4.77	49.29	4.92	48.49	5.00	47.84	5.07	46.10	5.22
	30	28	52.31	4.47	51.14	4.62	49.68	4.76	48.87	4.85	48.22	4.91	46.46	5.06
	35	32	52.63	4.35	51.45	4.50	49.98	4.64	49.17	4.72	48.51	4.78	46.75	4.93
	40	36	52.95	4.23	51.77	4.37	50.29	4.51	49.47	4.59	48.81	4.65	47.04	4.79
	45	41	53.36	4.09	52.17	4.22	50.68	4.36	49.85	4.43	49.19	4.49	47.40	4.63
	47	43	53.52	4.03	52.33	4.16	50.83	4.30	50.00	4.37	49.34	4.43	47.54	4.56
	50	46	53.68	4.00	52.60	4.12	51.29	4.24	50.55	4.31	49.96	4.36	48.27	4.48
	55	51	53.94	3.96	53.05	4.06	52.07	4.16	51.47	4.20	50.99	4.24	49.48	4.33
	60	56	54.20	3.92	53.50	4.00	52.84	4.07	52.39	4.10	52.03	4.12	50.69	4.19
	63	59	54.36	3.89	53.77	3.96	53.30	4.02	52.94	4.04	52.65	4.05	51.42	4.10
	68	64	54.52	3.87	54.04	3.92	53.77	3.96	53.49	3.98	53.27	3.98	52.16	4.02
37	-13	-13.4	36.10	4.73	35.29	4.89	34.28	5.04	33.72	5.13	33.27	5.20	32.06	5.36
	-4	-4.4	41.62	4.99	40.69	5.15	39.53	5.32	38.88	5.41	38.37	5.48	36.97	5.65
	0	-0.4	44.61	5.08	43.61	5.25	42.36	5.41	41.67	5.51	41.12	5.58	39.62	5.75
	5	4.5	48.34	5.19	47.26	5.37	45.91	5.54	45.16	5.63	44.56	5.71	42.94	5.88
	10	9	49.92	5.03	48.80	5.20	47.41	5.37	46.63	5.46	46.01	5.53	44.34	5.70
	17	15	52.02	4.92	50.86	5.08	49.41	5.24	48.60	5.33	47.95	5.40	46.21	5.57
	20	19	52.35	4.80	51.18	4.96	49.72	5.11	48.91	5.20	48.26	5.27	46.50	5.43
	25	23	52.68	4.68	51.50	4.83	50.03	4.99	49.21	5.07	48.56	5.14	46.79	5.30
	30	28	53.09	4.53	51.90	4.68	50.42	4.83	49.60	4.91	48.94	4.98	47.16	5.13
	35	32	53.42	4.41	52.23	4.56	50.73	4.70	49.91	4.78	49.24	4.85	47.45	4.99
	40	36	53.75	4.29	52.55	4.43	51.05	4.58	50.21	4.66	49.55	4.72	47.74	4.86
	45	41	54.16	4.14	52.95	4.28	51.44	4.42	50.60	4.49	49.92	4.56	48.11	4.69
	47	43	54.32	4.08	53.11	4.22	51.59	4.35	50.75	4.43	50.08	4.49	48.25	4.63
	50	46	54.48	4.06	53.38	4.18	52.06	4.30	51.31	4.37	50.71	4.42	48.99	4.54
	55	51	54.75	4.02	53.84	4.12	52.85	4.21	52.24	4.26	51.76	4.30	50.22	4.39
	60	56	55.02	3.97	54.30	4.05	53.63	4.12	53.17	4.16	52.81	4.18	51.46	4.25
	63	59	55.18	3.95	54.57	4.01	54.10	4.07	53.73	4.09	53.44	4.11	52.19	4.16
	68	64	55.34	3.92	54.85	3.97	54.58	4.02	54.30	4.03	54.07	4.04	52.94	4.07
38	-13	-13.4	36.63	4.81	35.81	4.97	34.79	5.12	34.22	5.21	33.76	5.28	32.54	5.44
	-4	-4.4	42.24	5.06	41.29	5.23	40.11	5.40	39.46	5.49	38.93	5.57	37.52	5.73
	0	-0.4	45.27	5.16	44.25	5.33	42.99	5.50	42.29	5.59	41.73	5.67	40.21	5.84
	5	4.5	49.05	5.28	47.96	5.45	46.59	5.63	45.83	5.72	45.22	5.80	43.57	5.97
	10	9	50.66	5.11	49.52	5.28	48.11	5.45	47.32	5.54	46.69	5.62	45.00	5.79
	17	15	52.79	4.99	51.61	5.16	50.14	5.32	49.32	5.41	48.66	5.49	46.89	5.65
	20	19	53.13	4.87	51.94	5.03	50.45	5.19	49.63	5.28	48.97	5.36	47.19	5.52
	25	23	53.46	4.75	52.26	4.91	50.77	5.07	49.94	5.15	49.28	5.22	47.49	5.38
	30	28	53.88	4.60	52.67	4.75	51.17	4.91	50.33	4.99	49.66	5.06	47.86	5.21
	35	32	54.21	4.48	53.00	4.63	51.48	4.78	50.64	4.86	49.97	4.93	48.15	5.07
	40	36	54.54	4.36	53.32	4.50	51.80	4.65	50.95	4.73	50.28	4.79	48.45	4.94
	45	41	54.96	4.21	53.73	4.35	52.20	4.49	51.34	4.57	50.66	4.63	48.82	4.77
	47	43	55.13	4.15	53.90	4.29	52.36	4.42	51.50	4.50	50.82	4.56	48.97	4.70
	50	46	55.29	4.12	54.17	4.25	52.83	4.37	52.07	4.44	51.45	4.49	49.72	4.61
	55	51	55.56	4.08	54.64	4.18	53.63	4.28	53.01	4.33	52.52	4.37	50.97	4.46
	60	56	55.83	4.04	55.10	4.11	54.42	4.19	53.96	4.22	53.59	4.25	52.22	4.31
	63	59	55.99	4.01	55.38	4.07	54.90	4.14	54.53	4.16	54.23	4.17	52.97	4.22
	68	64	56.15	3.98	55.66	4.03	55.38	4.08	55.10	4.09	54.87	4.10	53.73	4.14

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 96: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	37.16	4.88	36.33	5.04	35.29	5.20	34.72	5.29	34.26	5.37	33.01	5.53
	-4	-4.4	42.85	5.14	41.89	5.31	40.70	5.48	40.03	5.58	39.50	5.65	38.06	5.82
	0	-0.4	45.93	5.24	44.90	5.41	43.62	5.59	42.90	5.68	42.33	5.76	40.79	5.93
	5	4.5	49.77	5.36	48.66	5.54	47.27	5.71	46.49	5.81	45.88	5.89	44.21	6.07
	10	9	51.39	5.19	50.24	5.36	48.81	5.53	48.01	5.63	47.37	5.71	45.65	5.88
	17	15	53.56	5.07	52.36	5.24	50.87	5.41	50.04	5.50	49.37	5.57	47.58	5.74
	20	19	53.90	4.95	52.69	5.11	51.19	5.28	50.35	5.37	49.68	5.44	47.88	5.60
	25	23	54.24	4.83	53.03	4.99	51.51	5.15	50.67	5.23	50.00	5.30	48.18	5.46
	30	28	54.66	4.67	53.44	4.83	51.91	4.98	51.06	5.07	50.39	5.14	48.55	5.29
	35	32	55.00	4.55	53.77	4.70	52.23	4.85	51.38	4.94	50.70	5.00	48.85	5.15
	40	36	55.34	4.43	54.10	4.57	52.56	4.72	51.70	4.80	51.01	4.87	49.15	5.01
	45	41	55.76	4.28	54.51	4.42	52.96	4.56	52.09	4.64	51.40	4.70	49.53	4.84
	47	43	55.93	4.21	54.68	4.35	53.12	4.49	52.25	4.57	51.56	4.63	49.68	4.77
	50	46	56.09	4.19	54.96	4.31	53.60	4.44	52.83	4.50	52.20	4.56	50.44	4.68
	55	51	56.37	4.14	55.43	4.25	54.41	4.35	53.79	4.40	53.29	4.44	51.71	4.53
	60	56	56.64	4.10	55.90	4.18	55.22	4.25	54.74	4.29	54.37	4.31	52.98	4.38
40	63	59	56.81	4.07	56.19	4.14	55.70	4.20	55.32	4.22	55.02	4.24	53.74	4.29
	68	64	56.97	4.05	56.47	4.10	56.19	4.15	55.90	4.16	55.67	4.17	54.51	4.20
	-13	-13.4	37.70	4.96	36.85	5.12	35.80	5.28	35.22	5.37	34.75	5.45	33.48	5.61
	-4	-4.4	43.47	5.22	42.50	5.39	41.28	5.57	40.61	5.66	40.07	5.74	38.61	5.91
	0	-0.4	46.58	5.32	45.54	5.50	44.24	5.67	43.52	5.77	42.94	5.85	41.38	6.02
	5	4.5	50.48	5.44	49.35	5.62	47.94	5.80	47.16	5.90	46.53	5.98	44.84	6.16
	10	9	52.13	5.27	50.97	5.45	49.51	5.62	48.70	5.72	48.05	5.79	46.31	5.97
	17	15	54.33	5.15	53.11	5.32	51.60	5.49	50.75	5.58	50.08	5.66	48.26	5.83
	20	19	54.67	5.02	53.45	5.19	51.92	5.36	51.08	5.45	50.40	5.52	48.56	5.69
	25	23	55.02	4.90	53.79	5.06	52.25	5.22	51.40	5.31	50.71	5.39	48.87	5.55
	30	28	55.45	4.74	54.21	4.90	52.66	5.06	51.80	5.15	51.11	5.22	49.25	5.37
	35	32	55.79	4.62	54.54	4.77	52.98	4.93	52.12	5.01	51.43	5.08	49.56	5.23
	40	36	56.13	4.50	54.88	4.64	53.31	4.79	52.44	4.88	51.74	4.94	49.86	5.09
	45	41	56.56	4.34	55.30	4.48	53.72	4.63	52.84	4.71	52.14	4.77	50.24	4.91
	47	43	56.73	4.28	55.47	4.42	53.88	4.56	53.00	4.64	52.30	4.70	50.39	4.84
	50	46	56.90	4.25	55.75	4.38	54.37	4.51	53.58	4.57	52.95	4.63	51.17	4.75
41	55	51	57.18	4.21	56.23	4.31	55.19	4.41	54.56	4.46	54.05	4.50	52.45	4.60
	60	56	57.46	4.16	56.71	4.24	56.01	4.32	55.53	4.35	55.15	4.38	53.74	4.45
	63	59	57.62	4.13	56.99	4.20	56.50	4.26	56.11	4.29	55.81	4.30	54.51	4.35
	68	64	57.79	4.11	57.28	4.16	57.00	4.21	56.70	4.22	56.47	4.23	55.29	4.26
	-13	-13.4	38.23	5.03	37.38	5.20	36.31	5.36	35.71	5.46	35.24	5.53	33.96	5.70
	-4	-4.4	44.08	5.30	43.10	5.48	41.87	5.65	41.18	5.75	40.63	5.83	39.16	6.00
	0	-0.4	47.24	5.40	46.19	5.58	44.87	5.76	44.14	5.86	43.55	5.94	41.97	6.11
	5	4.5	51.20	5.52	50.05	5.71	48.62	5.89	47.83	5.99	47.19	6.07	45.48	6.25
	10	9	52.87	5.35	51.69	5.53	50.21	5.70	49.39	5.80	48.73	5.88	46.96	6.06
	17	15	55.10	5.23	53.87	5.40	52.33	5.57	51.47	5.67	50.79	5.74	48.94	5.92
	20	19	55.45	5.10	54.21	5.27	52.66	5.44	51.80	5.53	51.11	5.61	49.25	5.77
	25	23	55.79	4.97	54.55	5.14	52.99	5.30	52.12	5.39	51.43	5.47	49.56	5.63
	30	28	56.23	4.82	54.97	4.98	53.40	5.13	52.53	5.22	51.83	5.29	49.95	5.45
	35	32	56.58	4.69	55.31	4.85	53.73	5.00	52.86	5.09	52.15	5.16	50.26	5.31
	40	36	56.93	4.56	55.65	4.71	54.06	4.87	53.18	4.95	52.47	5.02	50.57	5.17
	45	41	57.36	4.41	56.08	4.55	54.48	4.70	53.59	4.78	52.88	4.84	50.95	4.99
	47	43	57.54	4.34	56.25	4.49	54.64	4.63	53.75	4.71	53.04	4.77	51.11	4.92
	50	46	57.70	4.32	56.54	4.45	55.14	4.57	54.34	4.64	53.70	4.70	51.89	4.82
	55	51	57.99	4.27	57.02	4.38	55.97	4.48	55.33	4.53	54.82	4.57	53.19	4.67
	60	56	58.27	4.22	57.51	4.31	56.80	4.39	56.32	4.42	55.93	4.44	54.50	4.51
	63	59	58.44	4.20	57.80	4.26	57.30	4.33	56.91	4.35	56.59	4.37	55.28	4.42
	68	64	58.61	4.17	58.09	4.22	57.80	4.27	57.51	4.28	57.27	4.29	56.07	4.33

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH **LGRED°**
MULTI F MAX

Table 97: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	38.76	5.11	37.90	5.27	36.81	5.44	36.21	5.54	35.73	5.61	34.43	5.78
	-4	-4.4	44.70	5.38	43.70	5.56	42.45	5.74	41.76	5.83	41.20	5.91	39.70	6.09
	0	-0.4	47.90	5.48	46.83	5.66	45.49	5.84	44.75	5.94	44.16	6.02	42.55	6.20
	5	4.5	51.91	5.61	50.75	5.79	49.30	5.98	48.50	6.08	47.85	6.16	46.11	6.35
	10	9	53.61	5.43	52.41	5.61	50.91	5.79	50.08	5.89	49.41	5.97	47.62	6.15
	17	15	55.87	5.30	54.62	5.48	53.06	5.65	52.19	5.75	51.50	5.83	49.62	6.01
	20	19	56.22	5.18	54.96	5.35	53.39	5.52	52.52	5.61	51.82	5.69	49.94	5.86
	25	23	56.57	5.05	55.31	5.21	53.73	5.38	52.85	5.47	52.15	5.55	50.25	5.72
	30	28	57.01	4.89	55.74	5.05	54.15	5.21	53.26	5.30	52.56	5.37	50.64	5.53
	35	32	57.37	4.76	56.09	4.92	54.48	5.07	53.59	5.16	52.88	5.23	50.96	5.39
	40	36	57.72	4.63	56.43	4.78	54.82	4.94	53.92	5.02	53.21	5.09	51.27	5.24
	45	41	58.16	4.47	56.86	4.62	55.24	4.77	54.34	4.85	53.61	4.92	51.66	5.06
	47	43	58.34	4.41	57.03	4.55	55.41	4.70	54.50	4.78	53.78	4.84	51.82	4.99
	50	46	58.51	4.38	57.33	4.51	55.91	4.64	55.10	4.71	54.45	4.77	52.61	4.90
	55	51	58.80	4.33	57.82	4.44	56.75	4.55	56.10	4.60	55.58	4.64	53.94	4.74
	60	56	59.08	4.29	58.31	4.37	57.59	4.45	57.10	4.48	56.71	4.51	55.26	4.58
43	63	59	59.25	4.26	58.61	4.33	58.10	4.39	57.70	4.42	57.38	4.43	56.05	4.49
	68	64	59.42	4.23	58.90	4.29	58.61	4.34	58.31	4.35	58.07	4.36	56.86	4.39
	-13	-13.4	39.30	5.17	38.42	5.34	37.32	5.51	36.71	5.61	36.22	5.68	34.91	5.85
	-4	-4.4	45.31	5.45	44.30	5.63	43.03	5.81	42.33	5.91	41.77	5.99	40.25	6.17
	0	-0.4	48.56	5.55	47.48	5.73	46.12	5.92	45.37	6.02	44.76	6.10	43.14	6.28
	5	4.5	52.63	5.68	51.45	5.86	49.98	6.05	49.16	6.15	48.51	6.24	46.75	6.43
	10	9	54.34	5.50	53.13	5.68	51.61	5.86	50.77	5.96	50.09	6.04	48.27	6.23
	17	15	56.64	5.37	55.37	5.55	53.79	5.73	52.91	5.82	52.21	5.90	50.31	6.08
	20	19	56.99	5.24	55.72	5.41	54.13	5.59	53.24	5.68	52.54	5.76	50.63	5.93
	25	23	57.35	5.11	56.07	5.28	54.47	5.45	53.58	5.54	52.87	5.62	50.94	5.79
	30	28	57.80	4.95	56.51	5.11	54.89	5.28	54.00	5.37	53.28	5.44	51.34	5.60
	35	32	58.16	4.82	56.86	4.98	55.23	5.14	54.33	5.23	53.61	5.30	51.66	5.46
	40	36	58.51	4.69	57.21	4.84	55.57	5.00	54.66	5.09	53.94	5.15	51.98	5.31
	45	41	58.96	4.53	57.64	4.68	56.00	4.83	55.08	4.91	54.35	4.98	52.37	5.13
	47	43	59.14	4.46	57.82	4.61	56.17	4.76	55.25	4.84	54.52	4.91	52.53	5.05
	50	46	59.32	4.43	58.12	4.57	56.68	4.70	55.86	4.77	55.20	4.83	53.34	4.96
44	55	51	59.60	4.39	58.62	4.50	57.53	4.60	56.87	4.66	56.34	4.70	54.68	4.80
	60	56	59.89	4.34	59.11	4.42	58.39	4.51	57.89	4.54	57.49	4.57	56.02	4.64
	63	59	60.07	4.31	59.41	4.38	58.90	4.45	58.50	4.47	58.17	4.49	56.82	4.54
	68	64	60.24	4.29	59.71	4.34	59.42	4.39	59.11	4.40	58.87	4.41	57.64	4.45
	-13	-13.4	39.83	5.24	38.94	5.42	37.83	5.59	37.21	5.69	36.72	5.76	35.38	5.94
	-4	-4.4	45.93	5.53	44.90	5.71	43.62	5.89	42.91	5.99	42.34	6.07	40.80	6.26
	0	-0.4	49.22	5.63	48.12	5.82	46.75	6.00	45.98	6.10	45.37	6.19	43.72	6.37
	5	4.5	53.34	5.76	52.15	5.95	50.66	6.14	49.83	6.24	49.17	6.33	47.38	6.52
	10	9	55.08	5.58	53.85	5.76	52.31	5.95	51.46	6.05	50.77	6.13	48.93	6.32
	17	15	57.40	5.45	56.12	5.63	54.52	5.81	53.63	5.91	52.91	5.99	50.99	6.17
	20	19	57.77	5.32	56.48	5.49	54.86	5.67	53.97	5.77	53.25	5.84	51.31	6.02
	25	23	58.13	5.18	56.83	5.36	55.21	5.53	54.31	5.62	53.58	5.70	51.63	5.87
	30	28	58.58	5.02	57.27	5.19	55.64	5.35	54.73	5.44	54.00	5.52	52.04	5.68
	35	32	58.95	4.89	57.63	5.05	55.98	5.21	55.07	5.30	54.34	5.37	52.36	5.54
	40	36	59.31	4.76	57.98	4.91	56.33	5.07	55.41	5.16	54.67	5.23	52.68	5.39
	45	41	59.76	4.59	58.43	4.75	56.76	4.90	55.83	4.98	55.09	5.05	53.09	5.20
	47	43	59.94	4.53	58.60	4.68	56.93	4.83	56.00	4.91	55.26	4.98	53.25	5.13
	50	46	60.12	4.50	58.91	4.63	57.45	4.77	56.62	4.84	55.95	4.90	54.06	5.03
	55	51	60.41	4.45	59.41	4.56	58.31	4.67	57.65	4.72	57.11	4.77	55.42	4.87
	60	56	60.71	4.40	59.92	4.49	59.18	4.57	58.67	4.61	58.27	4.63	56.78	4.71
	63	59	60.88	4.38	60.22	4.45	59.70	4.51	59.29	4.54	58.96	4.55	57.59	4.61
	68	64	61.06	4.35	60.52	4.40	60.22	4.45	59.91	4.47	59.67	4.48	58.42	4.51

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 98: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	40.36	5.32	39.46	5.49	38.33	5.67	37.71	5.77	37.21	5.85	35.85	6.02
	-4	-4.4	46.54	5.60	45.50	5.79	44.20	5.98	43.48	6.08	42.90	6.16	41.34	6.35
	0	-0.4	49.88	5.71	48.77	5.90	47.37	6.09	46.60	6.19	45.98	6.28	44.31	6.46
	5	4.5	54.05	5.84	52.85	6.03	51.34	6.23	50.50	6.33	49.83	6.42	48.01	6.61
	10	9	55.82	5.66	54.57	5.84	53.01	6.03	52.15	6.14	51.45	6.22	49.58	6.41
	17	15	58.17	5.53	56.87	5.71	55.25	5.89	54.35	5.99	53.62	6.07	51.67	6.26
	20	19	58.54	5.39	57.23	5.57	55.60	5.75	54.69	5.85	53.96	5.93	52.00	6.11
	25	23	58.91	5.26	57.59	5.43	55.95	5.61	55.03	5.70	54.30	5.78	52.33	5.95
	30	28	59.37	5.09	58.04	5.26	56.38	5.43	55.46	5.52	54.72	5.60	52.73	5.77
	35	32	59.74	4.96	58.40	5.12	56.73	5.29	55.81	5.38	55.06	5.45	53.06	5.61
	40	36	60.10	4.83	58.76	4.98	57.08	5.14	56.15	5.23	55.40	5.30	53.39	5.46
	45	41	60.56	4.66	59.21	4.81	57.52	4.97	56.58	5.05	55.83	5.12	53.80	5.27
	47	43	60.75	4.59	59.39	4.74	57.69	4.90	56.75	4.98	56.00	5.05	53.96	5.20
	50	46	60.93	4.56	59.70	4.70	58.22	4.84	57.38	4.91	56.70	4.97	54.79	5.10
	55	51	61.22	4.51	60.21	4.63	59.10	4.74	58.42	4.79	57.87	4.83	56.16	4.94
46	60	56	61.52	4.47	60.72	4.55	59.97	4.64	59.46	4.67	59.05	4.70	57.54	4.77
	63	59	61.70	4.44	61.03	4.51	60.50	4.58	60.08	4.60	59.75	4.62	58.36	4.67
	68	64	61.88	4.41	61.33	4.47	61.03	4.52	60.72	4.53	60.47	4.54	59.20	4.58
	-13	-13.4	40.90	5.39	39.98	5.57	38.84	5.75	38.21	5.85	37.70	5.93	36.33	6.11
	-4	-4.4	47.16	5.68	46.10	5.87	44.79	6.06	44.05	6.16	43.47	6.25	41.89	6.44
	0	-0.4	50.54	5.79	49.41	5.98	48.00	6.17	47.21	6.28	46.59	6.36	44.89	6.56
	5	4.5	54.77	5.92	53.55	6.12	52.02	6.31	51.17	6.42	50.49	6.51	48.65	6.70
	10	9	56.56	5.74	55.29	5.93	53.71	6.12	52.84	6.22	52.13	6.31	50.24	6.50
	17	15	58.94	5.60	57.62	5.79	55.98	5.97	55.06	6.08	54.33	6.16	52.36	6.34
	20	19	59.31	5.47	57.99	5.65	56.33	5.83	55.41	5.93	54.68	6.01	52.69	6.19
	25	23	59.69	5.33	58.35	5.51	56.69	5.69	55.76	5.78	55.02	5.86	53.02	6.04
	30	28	60.15	5.16	58.81	5.33	57.13	5.51	56.19	5.60	55.45	5.68	53.43	5.85
	35	32	60.53	5.03	59.17	5.19	57.48	5.36	56.54	5.45	55.79	5.53	53.76	5.69
	40	36	60.90	4.89	59.54	5.06	57.84	5.22	56.89	5.31	56.13	5.38	54.09	5.54
	45	41	61.36	4.72	59.99	4.88	58.28	5.04	57.33	5.12	56.56	5.19	54.51	5.35
	47	43	61.55	4.66	60.17	4.81	58.46	4.96	57.50	5.05	56.74	5.12	54.67	5.27
47	50	46	61.73	4.63	60.49	4.77	58.99	4.90	58.13	4.98	57.45	5.04	55.51	5.17
	55	51	62.03	4.58	61.00	4.69	59.88	4.80	59.19	4.86	58.64	4.90	56.90	5.01
	60	56	62.33	4.53	61.52	4.62	60.77	4.70	60.25	4.74	59.83	4.77	58.30	4.84
	63	59	62.51	4.50	61.83	4.57	61.30	4.64	60.88	4.66	60.54	4.68	59.14	4.74
	68	64	62.70	4.47	62.15	4.53	61.84	4.58	61.52	4.59	61.27	4.60	59.98	4.64
	-13	-13.4	41.43	5.47	40.50	5.65	39.35	5.83	38.70	5.93	38.19	6.01	36.80	6.19
	-4	-4.4	47.77	5.76	46.70	5.95	45.37	6.14	44.63	6.25	44.04	6.33	42.43	6.52
	0	-0.4	51.20	5.87	50.06	6.06	48.63	6.26	47.83	6.37	47.20	6.45	45.48	6.65
	5	4.5	55.48	6.00	54.24	6.20	52.69	6.40	51.83	6.51	51.14	6.60	49.28	6.80
	10	9	57.29	5.82	56.01	6.01	54.41	6.20	53.53	6.31	52.81	6.39	50.89	6.59
	17	15	59.71	5.68	58.38	5.87	56.71	6.06	55.78	6.16	55.04	6.24	53.04	6.43
	20	19	60.09	5.54	58.75	5.73	57.07	5.91	56.13	6.01	55.39	6.09	53.37	6.28
	25	23	60.47	5.41	59.11	5.59	57.43	5.76	56.49	5.86	55.74	5.94	53.71	6.12
	30	28	60.94	5.24	59.58	5.41	57.87	5.58	56.93	5.68	56.17	5.75	54.13	5.93
	35	32	61.31	5.10	59.94	5.27	58.23	5.44	57.28	5.53	56.52	5.60	54.46	5.77
	40	36	61.69	4.96	60.31	5.13	58.59	5.29	57.63	5.38	56.87	5.45	54.80	5.62
	45	41	62.16	4.79	60.77	4.95	59.04	5.11	58.07	5.19	57.30	5.26	55.22	5.42
	47	43	62.35	4.72	60.96	4.88	59.22	5.03	58.25	5.12	57.48	5.19	55.39	5.35
	50	46	62.54	4.69	61.27	4.83	59.76	4.97	58.89	5.05	58.20	5.11	56.23	5.24
	55	51	62.84	4.64	61.80	4.76	60.66	4.87	59.96	4.92	59.40	4.97	57.65	5.08
	60	56	63.15	4.59	62.32	4.68	61.56	4.77	61.03	4.80	60.61	4.83	59.06	4.91
	63	59	63.33	4.56	62.64	4.64	62.10	4.71	61.67	4.73	61.33	4.75	59.91	4.81
	68	64	63.51	4.53	62.96	4.59	62.64	4.64	62.32	4.66	62.06	4.67	60.77	4.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 99: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
49	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77
	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
50	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77
	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 100: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
51	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
52	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77
53	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 101: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
55	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77
	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77
56	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 102: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
57	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
58	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77
	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
59	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77
	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

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Table 103: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77
61	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77
	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77
62	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 104: KUMXA481A Maximum Heating Capacity Table — Ducted Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
63	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
64	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77
	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
65	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77
	-13	-13.4	41.96	5.54	41.03	5.73	39.85	5.91	39.20	6.01	38.68	6.09	37.28	6.28
	-4	-4.4	48.39	5.84	47.31	6.03	45.95	6.23	45.20	6.33	44.60	6.42	42.98	6.61
	0	-0.4	51.86	5.95	50.70	6.15	49.25	6.34	48.45	6.45	47.80	6.54	46.06	6.74
	5	4.5	56.20	6.09	54.94	6.29	53.37	6.49	52.50	6.60	51.80	6.69	49.92	6.89
	10	9	58.03	5.90	56.74	6.09	55.11	6.29	54.21	6.39	53.49	6.48	51.55	6.68
	17	15	60.48	5.76	59.13	5.95	57.44	6.14	56.50	6.25	55.75	6.33	53.72	6.52
	20	19	60.86	5.62	59.50	5.81	57.80	5.99	56.86	6.09	56.10	6.18	54.06	6.36
	25	23	61.24	5.48	59.88	5.66	58.16	5.84	57.21	5.94	56.45	6.02	54.40	6.21
	30	28	61.72	5.31	60.34	5.48	58.62	5.66	57.66	5.76	56.89	5.83	54.83	6.01
	35	32	62.10	5.17	60.72	5.34	58.98	5.51	58.02	5.60	57.25	5.68	55.17	5.85
	40	36	62.49	5.03	61.09	5.20	59.34	5.36	58.38	5.45	57.60	5.53	55.50	5.69
	45	41	62.96	4.86	61.56	5.02	59.80	5.18	58.82	5.27	58.04	5.34	55.93	5.50
	47	43	63.16	4.79	61.74	4.94	59.98	5.10	59.00	5.19	58.22	5.26	56.10	5.42
	50	46	63.34	4.76	62.06	4.90	60.53	5.04	59.65	5.12	58.95	5.18	56.96	5.32
	55	51	63.65	4.71	62.59	4.82	61.44	4.94	60.73	4.99	60.17	5.04	58.39	5.14
	60	56	63.96	4.66	63.13	4.74	62.35	4.83	61.82	4.87	61.39	4.90	59.82	4.97
	63	59	64.14	4.62	63.45	4.70	62.90	4.77	62.47	4.79	62.12	4.81	60.68	4.87
	68	64	64.33	4.59	63.77	4.65	63.45	4.71	63.12	4.72	62.86	4.73	61.55	4.77

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH LGRED[®]
MULTI F MAX

Table 105: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
18	-13	-13.4	16.93	2.00	16.55	2.07	16.08	2.13	15.81	2.17	15.60	2.20	15.04	2.26
	-4	-4.4	19.52	2.11	19.08	2.18	18.54	2.25	18.23	2.28	17.99	2.32	17.34	2.38
	0	-0.4	20.92	2.15	20.45	2.22	19.87	2.29	19.54	2.33	19.28	2.36	18.58	2.43
	5	4.5	22.67	2.20	22.16	2.27	21.53	2.34	21.18	2.38	20.90	2.41	20.14	2.48
	10	9	23.41	2.12	22.89	2.19	22.23	2.26	21.87	2.30	21.58	2.33	20.79	2.40
	17	15	24.40	2.07	23.85	2.14	23.17	2.21	22.79	2.25	22.49	2.28	21.67	2.35
	20	19	24.55	2.02	24.00	2.09	23.32	2.15	22.94	2.19	22.63	2.22	21.81	2.29
	25	23	24.71	1.97	24.15	2.03	23.46	2.10	23.08	2.14	22.77	2.17	21.94	2.23
	30	28	24.90	1.90	24.34	1.97	23.65	2.03	23.26	2.07	22.95	2.10	22.12	2.16
	35	32	25.05	1.85	24.49	1.91	23.79	1.98	23.40	2.01	23.09	2.04	22.25	2.10
	40	36	25.21	1.80	24.64	1.86	23.94	1.92	23.55	1.96	23.23	1.98	22.39	2.04
	45	41	25.40	1.74	24.83	1.80	24.12	1.85	23.73	1.89	23.41	1.91	22.56	1.97
	47	43	25.48	1.71	24.91	1.77	24.20	1.83	23.80	1.86	23.48	1.88	22.63	1.94
	50	46	25.55	1.70	25.04	1.75	24.42	1.81	24.06	1.83	23.78	1.86	22.98	1.90
	55	51	25.68	1.68	25.25	1.73	24.78	1.77	24.50	1.79	24.27	1.80	23.55	1.84
	60	56	25.80	1.66	25.46	1.70	25.15	1.73	24.94	1.74	24.76	1.75	24.13	1.78
	63	59	25.88	1.65	25.59	1.68	25.37	1.71	25.20	1.72	25.06	1.72	24.48	1.74
	68	64	25.95	1.64	25.72	1.66	25.59	1.68	25.46	1.69	25.36	1.69	24.83	1.71
19	-13	-13.4	17.97	2.13	17.56	2.20	17.06	2.27	16.78	2.31	16.56	2.34	15.96	2.41
	-4	-4.4	20.72	2.25	20.25	2.32	19.67	2.40	19.35	2.44	19.10	2.47	18.40	2.54
	0	-0.4	22.20	2.29	21.71	2.37	21.09	2.44	20.74	2.48	20.47	2.52	19.72	2.59
	5	4.5	24.06	2.34	23.52	2.42	22.85	2.50	22.48	2.54	22.18	2.57	21.37	2.65
	10	9	24.85	2.26	24.29	2.34	23.60	2.42	23.21	2.46	22.90	2.49	22.07	2.57
	17	15	25.89	2.21	25.31	2.29	24.59	2.36	24.19	2.40	23.87	2.43	23.00	2.50
	20	19	26.06	2.16	25.47	2.23	24.75	2.30	24.34	2.34	24.02	2.37	23.15	2.44
	25	23	26.22	2.10	25.63	2.17	24.90	2.24	24.50	2.28	24.17	2.31	23.29	2.38
	30	28	26.43	2.03	25.83	2.10	25.10	2.17	24.69	2.20	24.36	2.23	23.47	2.30
	35	32	26.59	1.98	25.99	2.04	25.25	2.11	24.84	2.14	24.51	2.17	23.62	2.24
	40	36	26.75	1.92	26.15	1.99	25.41	2.05	24.99	2.08	24.66	2.11	23.76	2.18
	45	41	26.96	1.86	26.35	1.92	25.60	1.98	25.18	2.01	24.85	2.04	23.95	2.10
	47	43	27.04	1.83	26.43	1.89	25.68	1.95	25.26	1.98	24.92	2.01	24.02	2.07
	50	46	27.12	1.82	26.57	1.87	25.91	1.92	25.54	1.95	25.24	1.97	24.39	2.03
	55	51	27.25	1.80	26.80	1.84	26.30	1.89	26.00	1.91	25.76	1.92	25.00	1.96
	60	56	27.38	1.78	27.03	1.81	26.69	1.85	26.47	1.86	26.28	1.87	25.61	1.90
	63	59	27.46	1.77	27.16	1.80	26.93	1.82	26.74	1.83	26.60	1.84	25.98	1.86
	68	64	27.54	1.76	27.30	1.78	27.16	1.80	27.03	1.80	26.91	1.81	26.35	1.82
20	-13	-13.4	19.00	2.27	18.57	2.34	18.04	2.42	17.75	2.46	17.51	2.49	16.87	2.57
	-4	-4.4	21.91	2.39	21.42	2.47	20.80	2.55	20.46	2.59	20.19	2.63	19.46	2.71
	0	-0.4	23.48	2.43	22.95	2.52	22.30	2.60	21.93	2.64	21.64	2.68	20.85	2.76
	5	4.5	25.44	2.49	24.87	2.57	24.16	2.66	23.77	2.70	23.45	2.74	22.60	2.82
	10	9	26.27	2.41	25.69	2.49	24.95	2.57	24.54	2.61	24.22	2.64	23.34	2.73
	17	15	27.38	2.35	26.77	2.42	26.00	2.50	25.58	2.55	25.24	2.58	24.32	2.66
	20	19	27.55	2.29	26.94	2.36	26.17	2.44	25.74	2.48	25.40	2.52	24.47	2.60
	25	23	27.73	2.23	27.11	2.31	26.33	2.38	25.90	2.42	25.56	2.46	24.63	2.53
	30	28	27.94	2.16	27.32	2.23	26.54	2.30	26.10	2.34	25.76	2.38	24.82	2.45
	35	32	28.12	2.10	27.49	2.17	26.70	2.24	26.27	2.28	25.92	2.31	24.97	2.38
	40	36	28.29	2.04	27.66	2.11	26.87	2.18	26.43	2.22	26.08	2.25	25.13	2.32
	45	41	28.50	1.97	27.87	2.04	27.07	2.10	26.63	2.14	26.28	2.17	25.32	2.23
	47	43	28.59	1.94	27.95	2.01	27.15	2.07	26.71	2.11	26.36	2.14	25.40	2.20
	50	46	28.68	1.93	28.10	1.99	27.40	2.05	27.00	2.08	26.69	2.10	25.79	2.16
	55	51	28.82	1.91	28.34	1.96	27.81	2.00	27.49	2.03	27.24	2.05	26.43	2.09
	60	56	28.96	1.89	28.58	1.93	28.23	1.96	27.99	1.98	27.79	1.99	27.08	2.02
	63	59	29.04	1.88	28.72	1.91	28.47	1.94	28.28	1.95	28.12	1.95	27.47	1.98
	68	64	29.12	1.86	28.87	1.89	28.72	1.91	28.58	1.92	28.46	1.92	27.86	1.94

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 106: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
21	-13	-13.4	20.04	2.41	19.59	2.49	19.03	2.57	18.72	2.61	18.47	2.65	17.80	2.73
	-4	-4.4	23.10	2.54	22.59	2.62	21.94	2.71	21.58	2.75	21.30	2.79	20.52	2.88
	0	-0.4	24.76	2.58	24.21	2.67	23.52	2.76	23.13	2.80	22.82	2.84	21.99	2.93
	5	4.5	26.83	2.64	26.23	2.73	25.48	2.82	25.07	2.87	24.73	2.91	23.83	3.00
	10	9	27.71	2.56	27.09	2.64	26.32	2.73	25.89	2.77	25.54	2.81	24.61	2.89
	17	15	28.88	2.49	28.23	2.57	27.42	2.66	26.98	2.70	26.62	2.74	25.65	2.82
	20	19	29.06	2.43	28.41	2.51	27.60	2.59	27.15	2.64	26.79	2.67	25.81	2.76
	25	23	29.24	2.37	28.59	2.45	27.77	2.53	27.32	2.57	26.95	2.61	25.97	2.69
	30	28	29.47	2.29	28.81	2.37	27.99	2.45	27.53	2.49	27.16	2.52	26.18	2.60
	35	32	29.65	2.23	28.99	2.31	28.16	2.38	27.70	2.42	27.33	2.46	26.34	2.53
	40	36	29.83	2.17	29.17	2.24	28.33	2.32	27.87	2.36	27.50	2.39	26.50	2.46
	45	41	30.06	2.09	29.39	2.16	28.55	2.23	28.08	2.27	27.71	2.30	26.70	2.37
	47	43	30.15	2.06	29.48	2.13	28.64	2.20	28.17	2.24	27.80	2.27	26.78	2.34
	50	46	30.24	2.05	29.63	2.11	28.90	2.17	28.48	2.21	28.15	2.23	27.19	2.29
	55	51	30.39	2.03	29.89	2.08	29.33	2.13	29.00	2.15	28.73	2.17	27.88	2.22
	60	56	30.54	2.00	30.14	2.04	29.77	2.08	29.51	2.10	29.31	2.11	28.56	2.14
22	63	59	30.63	1.99	30.29	2.02	30.03	2.06	29.83	2.07	29.66	2.07	28.97	2.10
	68	64	30.72	1.98	30.45	2.00	30.29	2.03	30.14	2.03	30.01	2.04	29.39	2.06
	-13	-13.4	21.07	2.55	20.60	2.63	20.01	2.71	19.68	2.76	19.42	2.80	18.71	2.88
	-4	-4.4	24.29	2.68	23.75	2.77	23.07	2.86	22.69	2.91	22.39	2.95	21.58	3.04
	0	-0.4	26.03	2.73	25.45	2.82	24.73	2.92	24.32	2.97	24.00	3.01	23.13	3.10
	5	4.5	28.21	2.80	27.58	2.89	26.79	2.98	26.36	3.03	26.01	3.08	25.06	3.17
	10	9	29.13	2.71	28.48	2.80	27.67	2.89	27.22	2.93	26.86	2.97	25.88	3.06
	17	15	30.36	2.64	29.68	2.72	28.84	2.81	28.36	2.86	27.99	2.90	26.97	2.99
	20	19	30.55	2.57	29.87	2.66	29.02	2.74	28.54	2.79	28.16	2.83	27.14	2.91
	25	23	30.75	2.51	30.06	2.59	29.20	2.67	28.72	2.72	28.34	2.76	27.31	2.84
	30	28	30.99	2.43	30.29	2.51	29.43	2.59	28.95	2.63	28.56	2.67	27.52	2.75
	35	32	31.18	2.36	30.48	2.44	29.61	2.52	29.13	2.56	28.74	2.60	27.69	2.68
	40	36	31.37	2.30	30.67	2.37	29.79	2.45	29.31	2.49	28.92	2.53	27.87	2.60
	45	41	31.61	2.21	30.90	2.29	30.02	2.36	29.53	2.40	29.14	2.44	28.08	2.51
	47	43	31.71	2.18	31.00	2.26	30.11	2.33	29.62	2.37	29.23	2.40	28.16	2.47
	50	46	31.80	2.17	31.16	2.23	30.39	2.30	29.95	2.34	29.59	2.36	28.59	2.43
	55	51	31.95	2.14	31.42	2.20	30.84	2.25	30.49	2.28	30.21	2.30	29.31	2.35
23	60	56	32.11	2.12	31.69	2.16	31.30	2.20	31.03	2.22	30.82	2.23	30.03	2.27
	63	59	32.20	2.11	31.85	2.14	31.58	2.17	31.36	2.19	31.19	2.20	30.46	2.22
	68	64	32.30	2.09	32.01	2.12	31.85	2.15	31.69	2.15	31.56	2.16	30.90	2.18
	-13	-13.4	22.11	2.69	21.61	2.78	20.99	2.86	20.65	2.91	20.38	2.95	19.64	3.04
	-4	-4.4	25.49	2.83	24.92	2.92	24.21	3.02	23.81	3.07	23.50	3.11	22.64	3.21
	0	-0.4	27.32	2.88	26.71	2.98	25.94	3.07	25.52	3.13	25.18	3.17	24.27	3.27
	5	4.5	29.60	2.95	28.94	3.05	28.12	3.15	27.66	3.20	27.29	3.24	26.30	3.34
	10	9	30.57	2.86	29.89	2.95	29.03	3.04	28.56	3.10	28.18	3.14	27.15	3.23
	17	15	31.86	2.78	31.15	2.88	30.26	2.97	29.76	3.02	29.37	3.06	28.30	3.15
	20	19	32.06	2.72	31.34	2.80	30.45	2.89	29.95	2.94	29.55	2.98	28.48	3.07
	25	23	32.26	2.65	31.54	2.73	30.64	2.82	30.14	2.87	29.74	2.91	28.66	3.00
	30	28	32.51	2.56	31.79	2.64	30.88	2.73	30.37	2.78	29.97	2.81	28.88	2.90
	35	32	32.72	2.49	31.98	2.57	31.07	2.66	30.56	2.70	30.16	2.74	29.06	2.82
	40	36	32.92	2.42	32.18	2.50	31.26	2.58	30.75	2.63	30.34	2.67	29.24	2.75
	45	41	33.17	2.34	32.43	2.41	31.50	2.49	30.99	2.54	30.57	2.57	29.46	2.65
	47	43	33.27	2.30	32.53	2.38	31.60	2.46	31.08	2.50	30.67	2.53	29.55	2.61
	50	46	33.37	2.29	32.69	2.36	31.88	2.43	31.42	2.46	31.05	2.49	30.00	2.56
	55	51	33.53	2.26	32.97	2.32	32.36	2.38	31.99	2.40	31.70	2.43	30.76	2.48
	60	56	33.69	2.24	33.25	2.28	32.84	2.32	32.56	2.34	32.34	2.36	31.51	2.39
	63	59	33.79	2.22	33.42	2.26	33.13	2.29	32.91	2.31	32.72	2.32	31.96	2.34
	68	64	33.89	2.21	33.59	2.24	33.42	2.26	33.25	2.27	33.12	2.28	32.42	2.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

MULTI F WITH LGRED°
MULTI F MAX

Maximum Heating Capacity Tables

Table 107: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
24	-13	-13.4	23.14	2.83	22.62	2.92	21.97	3.01	21.61	3.07	21.33	3.11	20.55	3.20
	-4	-4.4	26.68	2.98	26.08	3.08	25.34	3.18	24.92	3.23	24.59	3.27	23.70	3.37
	0	-0.4	28.59	3.04	27.95	3.14	27.15	3.24	26.71	3.29	26.36	3.33	25.40	3.44
	5	4.5	30.98	3.11	30.29	3.21	29.43	3.31	28.95	3.37	28.56	3.41	27.52	3.51
	10	9	32.00	3.00	31.28	3.10	30.39	3.20	29.89	3.26	29.49	3.30	28.42	3.40
	17	15	33.35	2.93	32.60	3.03	31.67	3.12	31.15	3.17	30.74	3.22	29.62	3.31
	20	19	33.56	2.86	32.81	2.95	31.87	3.04	31.35	3.10	30.93	3.14	29.81	3.23
	25	23	33.77	2.78	33.01	2.87	32.07	2.97	31.55	3.02	31.13	3.06	29.99	3.15
	30	28	34.03	2.69	33.27	2.78	32.32	2.87	31.79	2.92	31.37	2.96	30.23	3.05
	35	32	34.24	2.62	33.48	2.71	32.52	2.79	31.99	2.84	31.56	2.88	30.42	2.97
	40	36	34.45	2.55	33.68	2.63	32.72	2.72	32.19	2.77	31.76	2.80	30.60	2.89
	45	41	34.72	2.46	33.94	2.54	32.97	2.62	32.43	2.67	32.00	2.71	30.84	2.78
	47	43	34.82	2.42	34.04	2.50	33.07	2.58	32.53	2.63	32.10	2.66	30.93	2.74
	50	46	34.92	2.41	34.22	2.48	33.37	2.55	32.89	2.59	32.50	2.62	31.40	2.69
	55	51	35.09	2.38	34.51	2.44	33.87	2.50	33.49	2.53	33.17	2.55	32.19	2.61
	60	56	35.26	2.35	34.81	2.40	34.38	2.45	34.08	2.46	33.85	2.48	32.98	2.52
	63	59	35.37	2.34	34.98	2.38	34.68	2.41	34.44	2.43	34.25	2.44	33.46	2.47
	68	64	35.47	2.32	35.16	2.35	34.98	2.38	34.80	2.39	34.66	2.39	33.94	2.41
25	-13	-13.4	24.18	2.97	23.64	3.07	22.96	3.16	22.58	3.22	22.28	3.26	21.47	3.36
	-4	-4.4	27.88	3.13	27.25	3.23	26.47	3.33	26.04	3.39	25.70	3.44	24.76	3.54
	0	-0.4	29.88	3.19	29.21	3.29	28.37	3.40	27.91	3.45	27.54	3.50	26.54	3.61
	5	4.5	32.38	3.26	31.65	3.37	30.75	3.47	30.25	3.53	29.84	3.58	28.76	3.69
	10	9	33.43	3.15	32.69	3.26	31.75	3.36	31.23	3.42	30.82	3.47	29.70	3.57
	17	15	34.84	3.08	34.06	3.18	33.09	3.28	32.55	3.33	32.12	3.38	30.95	3.48
	20	19	35.06	3.00	34.28	3.10	33.30	3.19	32.76	3.25	32.32	3.29	31.14	3.39
	25	23	35.28	2.92	34.49	3.02	33.51	3.11	32.96	3.17	32.52	3.21	31.34	3.31
	30	28	35.56	2.83	34.76	2.92	33.77	3.01	33.22	3.06	32.78	3.11	31.59	3.20
	35	32	35.78	2.75	34.98	2.84	33.98	2.93	33.42	2.98	32.98	3.02	31.78	3.12
	40	36	36.00	2.67	35.19	2.76	34.19	2.85	33.63	2.90	33.18	2.94	31.98	3.03
	45	41	36.27	2.58	35.46	2.67	34.45	2.75	33.89	2.80	33.44	2.84	32.22	2.92
	47	43	36.38	2.54	35.57	2.63	34.55	2.71	33.99	2.76	33.54	2.80	32.32	2.88
	50	46	36.49	2.53	35.75	2.60	34.87	2.68	34.36	2.72	33.96	2.75	32.81	2.83
	55	51	36.67	2.50	36.06	2.56	35.39	2.62	34.99	2.65	34.66	2.68	33.64	2.74
	60	56	36.85	2.47	36.37	2.52	35.92	2.57	35.61	2.59	35.37	2.60	34.46	2.64
	63	59	36.95	2.46	36.55	2.50	36.24	2.53	35.99	2.55	35.79	2.56	34.96	2.59
	68	64	37.06	2.44	36.74	2.47	36.55	2.50	36.37	2.51	36.22	2.51	35.46	2.53
26	-13	-13.4	25.21	3.12	24.64	3.22	23.94	3.33	23.55	3.38	23.24	3.43	22.39	3.53
	-4	-4.4	29.07	3.29	28.42	3.40	27.60	3.51	27.15	3.56	26.79	3.61	25.82	3.72
	0	-0.4	31.15	3.35	30.45	3.46	29.58	3.57	29.10	3.63	28.71	3.68	27.67	3.79
	5	4.5	33.76	3.43	33.00	3.54	32.06	3.65	31.54	3.71	31.12	3.76	29.99	3.88
	10	9	34.86	3.31	34.08	3.42	33.11	3.53	32.57	3.59	32.13	3.64	30.96	3.75
	17	15	36.33	3.23	35.52	3.34	34.50	3.44	33.94	3.50	33.49	3.55	32.27	3.65
	20	19	36.56	3.15	35.74	3.25	34.72	3.36	34.15	3.41	33.70	3.46	32.47	3.56
	25	23	36.79	3.07	35.97	3.17	34.94	3.27	34.37	3.33	33.91	3.37	32.68	3.48
	30	28	37.07	2.97	36.25	3.07	35.21	3.16	34.64	3.22	34.18	3.26	32.93	3.36
	35	32	37.30	2.89	36.47	2.98	35.43	3.08	34.85	3.13	34.39	3.18	33.14	3.27
	40	36	37.53	2.81	36.70	2.90	35.65	3.00	35.06	3.05	34.60	3.09	33.34	3.19
	45	41	37.82	2.71	36.98	2.80	35.92	2.89	35.33	2.94	34.86	2.98	33.60	3.07
	47	43	37.94	2.67	37.09	2.76	36.03	2.85	35.44	2.90	34.97	2.94	33.70	3.03
	50	46	38.05	2.65	37.28	2.73	36.36	2.81	35.83	2.86	35.41	2.89	34.21	2.97
	55	51	38.23	2.63	37.60	2.69	36.90	2.76	36.48	2.79	36.14	2.81	35.07	2.87
	60	56	38.42	2.60	37.92	2.65	37.45	2.70	37.13	2.72	36.88	2.73	35.93	2.78
	63	59	38.53	2.58	38.11	2.62	37.78	2.66	37.52	2.68	37.32	2.69	36.45	2.72
	68	64	38.64	2.56	38.30	2.60	38.11	2.63	37.92	2.63	37.76	2.64	36.97	2.66

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 108: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
27	-13	-13.4	26.25	3.26	25.66	3.37	24.93	3.48	24.52	3.54	24.19	3.58	23.31	3.69
	-4	-4.4	30.26	3.44	29.59	3.55	28.74	3.66	28.27	3.73	27.90	3.78	26.88	3.89
	0	-0.4	32.43	3.50	31.71	3.62	30.80	3.73	30.30	3.80	29.90	3.85	28.81	3.96
	5	4.5	35.15	3.58	34.36	3.70	33.38	3.82	32.83	3.88	32.40	3.93	31.22	4.05
	10	9	36.30	3.46	35.48	3.57	34.47	3.69	33.91	3.75	33.46	3.80	32.24	3.92
	17	15	37.83	3.38	36.98	3.49	35.92	3.60	35.34	3.66	34.87	3.71	33.60	3.82
	20	19	38.06	3.29	37.21	3.40	36.15	3.51	35.56	3.57	35.09	3.62	33.81	3.72
	25	23	38.30	3.21	37.45	3.31	36.38	3.42	35.78	3.48	35.31	3.52	34.02	3.63
	30	28	38.60	3.10	37.74	3.21	36.66	3.31	36.06	3.36	35.58	3.41	34.29	3.51
	35	32	38.84	3.02	37.97	3.12	36.89	3.22	36.29	3.28	35.80	3.32	34.50	3.42
	40	36	39.08	2.94	38.21	3.03	37.12	3.13	36.51	3.19	36.02	3.23	34.71	3.33
	45	41	39.38	2.83	38.50	2.93	37.40	3.02	36.79	3.07	36.30	3.12	34.98	3.21
	47	43	39.50	2.79	38.62	2.88	37.51	2.98	36.90	3.03	36.41	3.07	35.09	3.16
	50	46	39.61	2.77	38.82	2.86	37.86	2.94	37.31	2.99	36.87	3.02	35.62	3.10
	55	51	39.81	2.74	39.15	2.81	38.43	2.88	37.98	2.91	37.63	2.94	36.52	3.00
28	60	56	40.00	2.71	39.48	2.77	39.00	2.82	38.66	2.84	38.39	2.86	37.41	2.90
	63	59	40.12	2.70	39.68	2.74	39.34	2.78	39.07	2.80	38.85	2.81	37.95	2.84
	68	64	40.23	2.68	39.88	2.71	39.68	2.75	39.48	2.75	39.32	2.76	38.49	2.78
	-13	-13.4	27.28	3.41	26.67	3.52	25.91	3.64	25.49	3.70	25.15	3.75	24.24	3.86
	-4	-4.4	31.46	3.59	30.76	3.71	29.88	3.83	29.39	3.90	29.00	3.95	27.94	4.07
	0	-0.4	33.72	3.66	32.96	3.78	32.02	3.90	31.50	3.97	31.08	4.03	29.95	4.15
	5	4.5	36.54	3.74	35.72	3.87	34.70	3.99	34.13	4.06	33.68	4.12	32.46	4.24
	10	9	37.73	3.62	36.89	3.74	35.83	3.86	35.25	3.92	34.78	3.98	33.52	4.10
	17	15	39.32	3.53	38.44	3.65	37.34	3.77	36.73	3.83	36.25	3.88	34.93	4.00
	20	19	39.57	3.45	38.69	3.56	37.58	3.67	36.97	3.73	36.48	3.78	35.15	3.90
	25	23	39.82	3.36	38.93	3.47	37.82	3.58	37.20	3.64	36.70	3.69	35.37	3.80
	30	28	40.13	3.25	39.23	3.35	38.11	3.46	37.49	3.52	36.99	3.57	35.65	3.68
	35	32	40.38	3.16	39.48	3.26	38.35	3.37	37.72	3.43	37.22	3.47	35.87	3.58
	40	36	40.63	3.07	39.72	3.17	38.58	3.28	37.95	3.33	37.45	3.38	36.09	3.48
	45	41	40.94	2.96	40.02	3.06	38.88	3.16	38.24	3.22	37.74	3.26	36.36	3.36
	47	43	41.06	2.92	40.14	3.02	39.00	3.12	38.36	3.17	37.85	3.21	36.47	3.31
29	50	46	41.18	2.90	40.35	2.99	39.35	3.08	38.78	3.12	38.33	3.16	37.03	3.25
	55	51	41.38	2.87	40.70	2.94	39.95	3.01	39.49	3.05	39.12	3.08	37.96	3.14
	60	56	41.58	2.84	41.04	2.89	40.54	2.95	40.19	2.97	39.91	2.99	38.89	3.04
	63	59	41.71	2.82	41.25	2.87	40.89	2.91	40.61	2.93	40.39	2.94	39.45	2.97
	68	64	41.83	2.80	41.46	2.84	41.25	2.87	41.04	2.88	40.87	2.89	40.02	2.91
	-13	-13.4	28.32	3.56	27.68	3.68	26.89	3.79	26.45	3.86	26.10	3.91	25.15	4.03
	-4	-4.4	32.65	3.75	31.92	3.88	31.01	4.00	30.50	4.07	30.10	4.12	29.00	4.25
	0	-0.4	34.99	3.82	34.21	3.95	33.23	4.07	32.69	4.15	32.25	4.20	31.08	4.33
	5	4.5	37.92	3.91	37.07	4.04	36.01	4.17	35.42	4.24	34.95	4.30	33.68	4.43
	10	9	39.16	3.78	38.28	3.90	37.19	4.03	36.58	4.10	36.09	4.15	34.78	4.28
	17	15	40.81	3.69	39.90	3.81	38.76	3.93	38.12	4.00	37.62	4.05	36.25	4.17
	20	19	41.07	3.60	40.15	3.72	39.00	3.84	38.36	3.90	37.85	3.95	36.48	4.07
	25	23	41.32	3.51	40.40	3.62	39.25	3.74	38.61	3.80	38.09	3.85	36.71	3.97
	30	28	41.65	3.39	40.72	3.50	39.55	3.61	38.91	3.68	38.39	3.73	36.99	3.84
	35	32	41.90	3.30	40.97	3.41	39.80	3.52	39.15	3.58	38.63	3.63	37.22	3.74
	40	36	42.16	3.21	41.22	3.31	40.04	3.42	39.39	3.48	38.86	3.53	37.45	3.64
	45	41	42.48	3.09	41.54	3.20	40.35	3.30	39.69	3.36	39.16	3.40	37.74	3.51
	47	43	42.61	3.05	41.66	3.15	40.47	3.25	39.81	3.31	39.28	3.35	37.85	3.45
	50	46	42.74	3.03	41.88	3.12	40.84	3.21	40.25	3.26	39.78	3.30	38.43	3.39
	55	51	42.95	3.00	42.24	3.07	41.46	3.15	40.98	3.18	40.60	3.21	39.40	3.28
	60	56	43.16	2.96	42.59	3.02	42.07	3.08	41.71	3.10	41.42	3.12	40.36	3.17
	63	59	43.28	2.95	42.81	2.99	42.44	3.04	42.15	3.05	41.92	3.07	40.94	3.10
	68	64	43.41	2.93	43.03	2.96	42.81	3.00	42.59	3.01	42.42	3.01	41.53	3.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 109: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
30	-13	-13.4	29.35	3.72	28.70	3.84	27.88	3.96	27.42	4.03	27.06	4.09	26.07	4.21
	-4	-4.4	33.85	3.92	33.09	4.05	32.14	4.18	31.62	4.25	31.20	4.31	30.06	4.44
	0	-0.4	36.27	3.99	35.46	4.12	34.45	4.26	33.89	4.33	33.44	4.39	32.22	4.52
	5	4.5	39.31	4.08	38.43	4.22	37.33	4.35	36.72	4.43	36.24	4.49	34.92	4.62
	10	9	40.59	3.94	39.69	4.08	38.55	4.21	37.92	4.28	37.42	4.34	36.06	4.47
	17	15	42.30	3.85	41.36	3.98	40.18	4.10	39.52	4.17	39.00	4.23	37.58	4.36
	20	19	42.57	3.75	41.62	3.88	40.43	4.00	39.77	4.07	39.24	4.12	37.82	4.25
	25	23	42.84	3.66	41.88	3.78	40.69	3.90	40.02	3.97	39.49	4.02	38.05	4.14
	30	28	43.17	3.54	42.21	3.66	41.00	3.77	40.33	3.84	39.80	3.89	38.35	4.01
	35	32	43.44	3.45	42.47	3.56	41.26	3.67	40.58	3.74	40.04	3.79	38.59	3.90
	40	36	43.71	3.35	42.73	3.46	41.51	3.57	40.83	3.63	40.29	3.68	38.83	3.79
	45	41	44.04	3.23	43.06	3.34	41.83	3.44	41.15	3.50	40.60	3.55	39.12	3.66
	47	43	44.18	3.18	43.19	3.29	41.96	3.39	41.27	3.45	40.72	3.50	39.24	3.60
	50	46	44.31	3.16	43.41	3.26	42.34	3.35	41.72	3.40	41.23	3.44	39.84	3.53
	55	51	44.52	3.13	43.78	3.21	42.98	3.28	42.48	3.32	42.09	3.35	40.84	3.42
	60	56	44.74	3.10	44.16	3.16	43.61	3.21	43.24	3.24	42.94	3.26	41.84	3.31
	63	59	44.87	3.08	44.38	3.13	44.00	3.17	43.70	3.19	43.45	3.20	42.44	3.24
	68	64	45.00	3.06	44.60	3.10	44.38	3.13	44.15	3.14	43.97	3.15	43.05	3.17
31	-13	-13.4	30.38	3.87	29.71	4.00	28.86	4.12	28.39	4.19	28.01	4.25	26.99	4.38
	-4	-4.4	35.04	4.08	34.25	4.21	33.27	4.35	32.73	4.42	32.30	4.48	31.12	4.62
	0	-0.4	37.55	4.15	36.71	4.29	35.66	4.43	35.08	4.50	34.61	4.56	33.35	4.70
	5	4.5	40.69	4.25	39.78	4.39	38.65	4.53	38.01	4.61	37.51	4.67	36.14	4.81
	10	9	42.02	4.10	41.08	4.24	39.91	4.38	39.25	4.45	38.73	4.51	37.32	4.65
	17	15	43.79	4.01	42.81	4.14	41.59	4.27	40.91	4.34	40.37	4.40	38.90	4.53
	20	19	44.07	3.91	43.08	4.03	41.85	4.16	41.17	4.23	40.62	4.29	39.14	4.42
	25	23	44.34	3.81	43.35	3.93	42.12	4.06	41.43	4.13	40.88	4.18	39.39	4.31
	30	28	44.69	3.68	43.69	3.80	42.44	3.93	41.75	4.00	41.20	4.05	39.70	4.17
	35	32	44.97	3.58	43.96	3.70	42.71	3.82	42.01	3.89	41.45	3.94	39.94	4.06
	40	36	45.24	3.49	44.23	3.60	42.97	3.72	42.27	3.78	41.71	3.83	40.19	3.95
	45	41	45.59	3.36	44.57	3.47	43.30	3.58	42.59	3.64	42.02	3.69	40.50	3.80
	47	43	45.73	3.31	44.71	3.42	43.43	3.53	42.72	3.59	42.15	3.64	40.62	3.75
	50	46	45.86	3.29	44.94	3.39	43.83	3.49	43.19	3.54	42.68	3.58	41.24	3.68
	55	51	46.09	3.26	45.32	3.34	44.49	3.42	43.98	3.45	43.57	3.49	42.28	3.56
	60	56	46.31	3.22	45.71	3.29	45.15	3.35	44.76	3.37	44.45	3.39	43.31	3.44
	63	59	46.45	3.20	45.94	3.25	45.54	3.30	45.23	3.32	44.98	3.33	43.94	3.37
	68	64	46.58	3.18	46.17	3.22	45.94	3.26	45.71	3.27	45.52	3.28	44.57	3.30
32	-13	-13.4	31.42	4.02	30.72	4.16	29.84	4.29	29.36	4.36	28.97	4.42	27.91	4.55
	-4	-4.4	36.23	4.24	35.42	4.38	34.41	4.52	33.85	4.60	33.40	4.66	32.18	4.80
	0	-0.4	38.83	4.32	37.96	4.46	36.88	4.61	36.28	4.69	35.80	4.75	34.49	4.89
	5	4.5	42.08	4.42	41.14	4.57	39.97	4.71	39.31	4.79	38.79	4.86	37.38	5.00
	10	9	43.46	4.27	42.48	4.41	41.27	4.56	40.60	4.63	40.06	4.70	38.60	4.84
	17	15	45.29	4.16	44.28	4.30	43.01	4.44	42.31	4.52	41.75	4.58	40.23	4.72
	20	19	45.57	4.06	44.56	4.20	43.28	4.33	42.58	4.41	42.01	4.47	40.48	4.60
	25	23	45.86	3.96	44.84	4.09	43.55	4.22	42.84	4.30	42.27	4.36	40.74	4.49
	30	28	46.22	3.83	45.19	3.96	43.89	4.09	43.18	4.16	42.60	4.21	41.05	4.34
	35	32	46.50	3.73	45.47	3.85	44.17	3.97	43.44	4.04	42.87	4.10	41.31	4.22
	40	36	46.79	3.63	45.75	3.74	44.44	3.86	43.71	3.93	43.13	3.99	41.56	4.11
	45	41	47.15	3.50	46.09	3.61	44.78	3.73	44.05	3.79	43.46	3.85	41.88	3.96
	47	43	47.29	3.45	46.23	3.56	44.91	3.68	44.18	3.74	43.59	3.79	42.01	3.90
	50	46	47.43	3.42	46.47	3.53	45.32	3.63	44.67	3.69	44.14	3.73	42.65	3.83
	55	51	47.66	3.39	46.87	3.47	46.01	3.56	45.48	3.60	45.06	3.63	43.72	3.71
	60	56	47.89	3.35	47.27	3.42	46.69	3.48	46.29	3.51	45.97	3.53	44.79	3.58
	63	59	48.03	3.33	47.51	3.38	47.10	3.43	46.78	3.45	46.52	3.47	45.44	3.51
	68	64	48.17	3.31	47.75	3.35	47.51	3.39	47.27	3.40	47.07	3.41	46.09	3.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 110: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
33	-13	-13.4	32.45	4.19	31.73	4.32	30.82	4.46	30.32	4.54	29.92	4.60	28.83	4.74
	-4	-4.4	37.42	4.41	36.59	4.56	35.54	4.70	34.96	4.78	34.50	4.85	33.24	5.00
	0	-0.4	40.11	4.49	39.21	4.64	38.09	4.79	37.47	4.87	36.97	4.94	35.63	5.09
	5	4.5	43.46	4.60	42.49	4.75	41.28	4.90	40.60	4.98	40.06	5.05	38.61	5.20
	10	9	44.88	4.44	43.88	4.59	42.63	4.74	41.93	4.82	41.37	4.88	39.87	5.03
	17	15	46.77	4.33	45.73	4.48	44.42	4.62	43.70	4.70	43.12	4.76	41.55	4.90
	20	19	47.07	4.22	46.02	4.36	44.70	4.51	43.97	4.58	43.39	4.65	41.81	4.79
	25	23	47.37	4.12	46.31	4.26	44.98	4.39	44.25	4.47	43.66	4.53	42.07	4.67
	30	28	47.74	3.99	46.67	4.12	45.33	4.25	44.59	4.32	44.00	4.38	42.40	4.51
	35	32	48.03	3.88	46.96	4.01	45.62	4.13	44.87	4.20	44.27	4.26	42.66	4.39
	40	36	48.33	3.77	47.25	3.89	45.90	4.02	45.15	4.09	44.55	4.15	42.93	4.27
	45	41	48.70	3.64	47.61	3.76	46.25	3.88	45.49	3.95	44.89	4.00	43.26	4.12
	47	43	48.84	3.58	47.75	3.70	46.39	3.82	45.63	3.89	45.02	3.94	43.39	4.06
	50	46	48.99	3.56	48.00	3.67	46.81	3.78	46.13	3.83	45.59	3.88	44.05	3.98
	55	51	49.23	3.52	48.41	3.61	47.52	3.70	46.97	3.74	46.53	3.77	45.16	3.86
	60	56	49.47	3.49	48.82	3.55	48.22	3.62	47.81	3.65	47.48	3.67	46.26	3.73
	63	59	49.61	3.46	49.07	3.52	48.64	3.57	48.31	3.59	48.04	3.61	46.93	3.65
	68	64	49.75	3.44	49.32	3.48	49.07	3.53	48.82	3.54	48.62	3.54	47.60	3.57
34	-13	-13.4	33.49	4.34	32.74	4.48	31.81	4.63	31.29	4.71	30.87	4.77	29.75	4.91
	-4	-4.4	38.62	4.57	37.76	4.73	36.68	4.88	36.08	4.96	35.60	5.03	34.30	5.18
	0	-0.4	41.39	4.66	40.47	4.82	39.31	4.97	38.67	5.05	38.15	5.12	36.77	5.28
	5	4.5	44.85	4.77	43.85	4.93	42.60	5.08	41.90	5.17	41.35	5.24	39.84	5.40
	10	9	46.32	4.61	45.28	4.76	43.99	4.92	43.27	5.00	42.70	5.07	41.14	5.22
	17	15	48.27	4.49	47.19	4.64	45.84	4.79	45.09	4.88	44.50	4.94	42.88	5.09
	20	19	48.58	4.39	47.49	4.53	46.13	4.68	45.38	4.76	44.78	4.82	43.15	4.97
	25	23	48.88	4.27	47.79	4.42	46.42	4.56	45.66	4.63	45.06	4.70	43.42	4.84
	30	28	49.26	4.13	48.16	4.27	46.79	4.41	46.02	4.48	45.41	4.54	43.76	4.68
	35	32	49.57	4.02	48.46	4.16	47.08	4.29	46.31	4.36	45.69	4.42	44.03	4.56
	40	36	49.87	3.91	48.76	4.04	47.37	4.17	46.59	4.24	45.97	4.30	44.30	4.43
	45	41	50.25	3.78	49.13	3.90	47.73	4.02	46.95	4.09	46.32	4.15	44.64	4.27
	47	43	50.41	3.72	49.28	3.84	47.87	3.96	47.09	4.03	46.46	4.09	44.77	4.21
	50	46	50.55	3.70	49.53	3.80	48.31	3.91	47.61	3.97	47.05	4.02	45.46	4.13
	55	51	50.80	3.66	49.96	3.75	49.04	3.83	48.47	3.88	48.02	3.91	46.60	4.00
	60	56	51.05	3.62	50.38	3.69	49.76	3.75	49.34	3.78	49.00	3.80	47.74	3.86
	63	59	51.20	3.59	50.64	3.65	50.20	3.71	49.86	3.72	49.58	3.74	48.43	3.78
	68	64	51.34	3.57	50.89	3.62	50.64	3.66	50.38	3.67	50.17	3.68	49.13	3.71
35	-13	-13.4	34.52	4.50	33.75	4.65	32.79	4.80	32.25	4.88	31.82	4.95	30.67	5.10
	-4	-4.4	39.81	4.75	38.92	4.90	37.81	5.06	37.19	5.15	36.70	5.22	35.36	5.37
	0	-0.4	42.66	4.84	41.71	5.00	40.52	5.16	39.86	5.24	39.33	5.32	37.90	5.47
	5	4.5	46.23	4.95	45.20	5.11	43.91	5.27	43.19	5.36	42.62	5.44	41.07	5.60
	10	9	47.74	4.78	46.68	4.94	45.34	5.10	44.60	5.19	44.01	5.26	42.41	5.42
	17	15	49.76	4.66	48.65	4.82	47.26	4.97	46.48	5.06	45.87	5.12	44.20	5.28
	20	19	50.07	4.55	48.95	4.70	47.55	4.85	46.78	4.93	46.16	5.00	44.48	5.15
	25	23	50.39	4.43	49.26	4.58	47.85	4.73	47.07	4.81	46.45	4.87	44.76	5.02
	30	28	50.78	4.29	49.64	4.43	48.23	4.57	47.44	4.65	46.81	4.71	45.11	4.85
	35	32	51.09	4.17	49.95	4.31	48.52	4.45	47.73	4.53	47.10	4.59	45.39	4.73
	40	36	51.41	4.06	50.26	4.19	48.82	4.33	48.03	4.40	47.39	4.46	45.66	4.60
	45	41	51.80	3.92	50.64	4.04	49.20	4.17	48.39	4.24	47.75	4.30	46.01	4.43
	47	43	51.96	3.86	50.80	3.98	49.35	4.11	48.54	4.18	47.89	4.24	46.15	4.37
	50	46	52.11	3.83	51.06	3.95	49.80	4.06	49.07	4.12	48.50	4.17	46.86	4.28
	55	51	52.37	3.79	51.50	3.89	50.55	3.98	49.97	4.02	49.50	4.06	48.04	4.14
	60	56	52.62	3.75	51.93	3.82	51.30	3.89	50.86	3.92	50.51	3.95	49.21	4.01
	63	59	52.77	3.73	52.20	3.79	51.75	3.84	51.39	3.86	51.11	3.88	49.92	3.92
	68	64	52.93	3.70	52.46	3.75	52.20	3.79	51.93	3.80	51.72	3.81	50.64	3.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

MULTI F WITH LGRED°
MULTI F MAX

Maximum Heating Capacity Tables

Table 111: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
36	-13	-13.4	35.56	4.68	34.77	4.83	33.77	4.98	33.22	5.07	32.78	5.14	31.59	5.29
	-4	-4.4	41.01	4.93	40.09	5.09	38.94	5.25	38.31	5.34	37.80	5.42	36.42	5.58
	0	-0.4	43.95	5.02	42.97	5.19	41.74	5.35	41.06	5.44	40.51	5.52	39.04	5.68
	5	4.5	47.63	5.13	46.56	5.30	45.23	5.47	44.49	5.57	43.90	5.64	42.30	5.81
	10	9	49.18	4.96	48.08	5.13	46.71	5.29	45.94	5.38	45.33	5.46	43.69	5.62
	17	15	51.25	4.84	50.11	5.00	48.68	5.16	47.88	5.25	47.25	5.32	45.53	5.48
	20	19	51.58	4.72	50.43	4.88	48.98	5.03	48.18	5.12	47.54	5.19	45.81	5.35
	25	23	51.90	4.60	50.74	4.76	49.29	4.91	48.49	4.99	47.84	5.06	46.10	5.21
	30	28	52.31	4.45	51.14	4.60	49.68	4.74	48.87	4.83	48.22	4.89	46.46	5.04
	35	32	52.63	4.33	51.45	4.48	49.98	4.62	49.17	4.70	48.51	4.76	46.75	4.91
	40	36	52.95	4.21	51.77	4.35	50.29	4.49	49.47	4.57	48.81	4.63	47.04	4.77
	45	41	53.36	4.07	52.17	4.20	50.68	4.33	49.85	4.41	49.19	4.47	47.40	4.60
	47	43	53.52	4.00	52.33	4.14	50.83	4.27	50.00	4.34	49.34	4.40	47.54	4.53
	50	46	53.68	3.98	52.60	4.10	51.29	4.22	50.55	4.28	49.96	4.33	48.27	4.45
	55	51	53.94	3.94	53.05	4.03	52.07	4.13	51.47	4.18	50.99	4.21	49.48	4.30
37	60	56	54.20	3.90	53.50	3.97	52.84	4.04	52.39	4.07	52.03	4.10	50.69	4.16
	63	59	54.36	3.87	53.77	3.93	53.30	3.99	52.94	4.01	52.65	4.03	51.42	4.07
	68	64	54.52	3.85	54.04	3.89	53.77	3.94	53.49	3.95	53.27	3.96	52.16	3.99
	-13	-13.4	36.10	4.74	35.29	4.90	34.28	5.05	33.72	5.14	33.27	5.21	32.06	5.37
	-4	-4.4	41.62	5.00	40.69	5.16	39.53	5.33	38.88	5.42	38.37	5.49	36.97	5.66
	0	-0.4	44.61	5.09	43.61	5.26	42.36	5.42	41.67	5.52	41.12	5.59	39.62	5.76
	5	4.5	48.34	5.20	47.26	5.38	45.91	5.55	45.16	5.64	44.56	5.72	42.94	5.89
	10	9	49.92	5.03	48.80	5.20	47.41	5.37	46.63	5.46	46.01	5.53	44.34	5.70
	17	15	52.02	4.91	50.86	5.07	49.41	5.23	48.60	5.32	47.95	5.39	46.21	5.56
	20	19	52.35	4.79	51.18	4.95	49.72	5.10	48.91	5.19	48.26	5.26	46.50	5.42
	25	23	52.68	4.67	51.50	4.82	50.03	4.98	49.21	5.06	48.56	5.13	46.79	5.28
	30	28	53.09	4.51	51.90	4.66	50.42	4.81	49.60	4.89	48.94	4.96	47.16	5.11
	35	32	53.42	4.39	52.23	4.54	50.73	4.68	49.91	4.76	49.24	4.83	47.45	4.97
	40	36	53.75	4.27	52.55	4.41	51.05	4.56	50.21	4.63	49.55	4.70	47.74	4.84
	45	41	54.16	4.12	52.95	4.26	51.44	4.39	50.60	4.47	49.92	4.53	48.11	4.66
38	47	43	54.32	4.06	53.11	4.19	51.59	4.33	50.75	4.40	50.08	4.46	48.25	4.60
	50	46	54.48	4.03	53.38	4.15	52.06	4.27	51.31	4.34	50.71	4.39	48.99	4.51
	55	51	54.75	3.99	53.84	4.09	52.85	4.19	52.24	4.23	51.76	4.27	50.22	4.36
	60	56	55.02	3.95	54.30	4.03	53.63	4.10	53.17	4.13	52.81	4.15	51.46	4.22
	63	59	55.18	3.92	54.57	3.99	54.10	4.05	53.73	4.07	53.44	4.08	52.19	4.13
	68	64	55.34	3.90	54.85	3.95	54.58	3.99	54.30	4.01	54.07	4.01	52.94	4.05
	-13	-13.4	36.63	4.82	35.81	4.98	34.79	5.13	34.22	5.22	33.76	5.29	32.54	5.45
	-4	-4.4	42.24	5.07	41.29	5.24	40.11	5.41	39.46	5.50	38.93	5.58	37.52	5.74
	0	-0.4	45.27	5.17	44.25	5.34	42.99	5.51	42.29	5.60	41.73	5.68	40.21	5.85
	5	4.5	49.05	5.29	47.96	5.46	46.59	5.64	45.83	5.73	45.22	5.81	43.57	5.98
	10	9	50.66	5.11	49.52	5.28	48.11	5.45	47.32	5.54	46.69	5.62	45.00	5.79
	17	15	52.79	4.98	51.61	5.15	50.14	5.31	49.32	5.40	48.66	5.48	46.89	5.64
	20	19	53.13	4.86	51.94	5.02	50.45	5.18	49.63	5.27	48.97	5.35	47.19	5.51
	25	23	53.46	4.74	52.26	4.90	50.77	5.05	49.94	5.14	49.28	5.21	47.49	5.37
	30	28	53.88	4.59	52.67	4.74	51.17	4.89	50.33	4.97	49.66	5.04	47.86	5.19
	35	32	54.21	4.46	53.00	4.61	51.48	4.76	50.64	4.84	49.97	4.91	48.15	5.05

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 112: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
39	-13	-13.4	37.16	4.88	36.33	5.04	35.29	5.20	34.72	5.29	34.26	5.37	33.01	5.53
	-4	-4.4	42.85	5.15	41.89	5.32	40.70	5.49	40.03	5.58	39.50	5.66	38.06	5.83
	0	-0.4	45.93	5.24	44.90	5.42	43.62	5.59	42.90	5.69	42.33	5.76	40.79	5.94
	5	4.5	49.77	5.36	48.66	5.54	47.27	5.72	46.49	5.82	45.88	5.90	44.21	6.07
	10	9	51.39	5.19	50.24	5.36	48.81	5.53	48.01	5.62	47.37	5.70	45.65	5.87
	17	15	53.56	5.06	52.36	5.23	50.87	5.39	50.04	5.49	49.37	5.56	47.58	5.73
	20	19	53.90	4.93	52.69	5.10	51.19	5.26	50.35	5.35	49.68	5.42	47.88	5.58
	25	23	54.24	4.81	53.03	4.97	51.51	5.13	50.67	5.21	50.00	5.28	48.18	5.44
	30	28	54.66	4.65	53.44	4.81	51.91	4.96	51.06	5.05	50.39	5.12	48.55	5.27
	35	32	55.00	4.53	53.77	4.68	52.23	4.83	51.38	4.91	50.70	4.98	48.85	5.12
	40	36	55.34	4.40	54.10	4.55	52.56	4.69	51.70	4.77	51.01	4.84	49.15	4.98
	45	41	55.76	4.25	54.51	4.39	52.96	4.53	52.09	4.61	51.40	4.67	49.53	4.81
	47	43	55.93	4.18	54.68	4.32	53.12	4.46	52.25	4.54	51.56	4.60	49.68	4.74
	50	46	56.09	4.16	54.96	4.28	53.60	4.41	52.83	4.47	52.20	4.53	50.44	4.65
	55	51	56.37	4.11	55.43	4.22	54.41	4.32	53.79	4.37	53.29	4.41	51.71	4.50
	60	56	56.64	4.07	55.90	4.15	55.22	4.22	54.74	4.26	54.37	4.28	52.98	4.35
40	63	59	56.81	4.04	56.19	4.11	55.70	4.17	55.32	4.19	55.02	4.21	53.74	4.26
	68	64	56.97	4.02	56.47	4.07	56.19	4.12	55.90	4.13	55.67	4.14	54.51	4.17
	-13	-13.4	37.70	4.96	36.85	5.12	35.80	5.29	35.22	5.38	34.75	5.45	33.48	5.61
	-4	-4.4	43.47	5.23	42.50	5.40	41.28	5.57	40.61	5.67	40.07	5.75	38.61	5.92
	0	-0.4	46.58	5.33	45.54	5.50	44.24	5.68	43.52	5.78	42.94	5.85	41.38	6.03
	5	4.5	50.48	5.45	49.35	5.63	47.94	5.81	47.16	5.91	46.53	5.99	44.84	6.17
	10	9	52.13	5.27	50.97	5.44	49.51	5.61	48.70	5.71	48.05	5.79	46.31	5.96
	17	15	54.33	5.14	53.11	5.31	51.60	5.48	50.75	5.57	50.08	5.65	48.26	5.82
	20	19	54.67	5.01	53.45	5.18	51.92	5.34	51.08	5.43	50.40	5.50	48.56	5.67
	25	23	55.02	4.88	53.79	5.04	52.25	5.20	51.40	5.29	50.71	5.37	48.87	5.53
	30	28	55.45	4.72	54.21	4.88	52.66	5.04	51.80	5.13	51.11	5.20	49.25	5.35
	35	32	55.79	4.60	54.54	4.75	52.98	4.90	52.12	4.99	51.43	5.05	49.56	5.20
	40	36	56.13	4.47	54.88	4.62	53.31	4.76	52.44	4.85	51.74	4.91	49.86	5.06
	45	41	56.56	4.31	55.30	4.45	53.72	4.60	52.84	4.68	52.14	4.74	50.24	4.88
	47	43	56.73	4.25	55.47	4.39	53.88	4.53	53.00	4.61	52.30	4.67	50.39	4.81
	50	46	56.90	4.22	55.75	4.35	54.37	4.48	53.58	4.54	52.95	4.60	51.17	4.72
41	55	51	57.18	4.18	56.23	4.28	55.19	4.38	54.56	4.43	54.05	4.47	52.45	4.57
	60	56	57.46	4.13	56.71	4.21	56.01	4.29	55.53	4.32	55.15	4.35	53.74	4.42
	63	59	57.62	4.10	56.99	4.17	56.50	4.23	56.11	4.26	55.81	4.27	54.51	4.32
	68	64	57.79	4.08	57.28	4.13	57.00	4.18	56.70	4.19	56.47	4.20	55.29	4.23
	-13	-13.4	38.23	5.03	37.38	5.20	36.31	5.36	35.71	5.46	35.24	5.53	33.96	5.70
	-4	-4.4	44.08	5.30	43.10	5.48	41.87	5.65	41.18	5.75	40.63	5.83	39.16	6.00
	0	-0.4	47.24	5.40	46.19	5.58	44.87	5.76	44.14	5.86	43.55	5.94	41.97	6.11
	5	4.5	51.20	5.52	50.05	5.71	48.62	5.89	47.83	5.99	47.19	6.07	45.48	6.25
	10	9	52.87	5.34	51.69	5.52	50.21	5.69	49.39	5.79	48.73	5.87	46.96	6.05
	17	15	55.10	5.21	53.87	5.38	52.33	5.55	51.47	5.65	50.79	5.72	48.94	5.90
	20	19	55.45	5.08	54.21	5.25	52.66	5.42	51.80	5.51	51.11	5.59	49.25	5.75
	25	23	55.79	4.95	54.55	5.12	52.99	5.28	52.12	5.37	51.43	5.44	49.56	5.61
	30	28	56.23	4.79	54.97	4.95	53.40	5.11	52.53	5.19	51.83	5.26	49.95	5.42
	35	32	56.58	4.66	55.31	4.82	53.73	4.97	52.86	5.06	52.15	5.13	50.26	5.28
	40	36	56.93	4.53	55.65	4.68	54.06	4.84	53.18	4.92	52.47	4.98	50.57	5.13
	45	41	57.36	4.37	56.08	4.52	54.48	4.66	53.59	4.74	52.88	4.80	50.95	4.95
	47	43	57.54	4.31	56.25	4.45	54.64	4.59	53.75	4.67	53.04	4.73	51.11	4.88
	50	46	57.70	4.28	56.54	4.41	55.14	4.54	54.34	4.60	53.70	4.66	51.89	4.78
	55	51	57.99	4.24	57.02	4.34	55.97	4.44	55.33	4.49	54.82	4.53	53.19	4.63
	60	56	58.27	4.19	57.51	4.27	56.80	4.35	56.32	4.38	55.93	4.41	54.50	4.48
	63	59	58.44	4.17	57.80	4.23	57.30	4.30	56.91	4.32	56.59	4.33	55.28	4.39
	68	64	58.61	4.14	58.09	4.19	57.80	4.24	57.51	4.25	57.27	4.26	56.07	4.30

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

MULTI F WITH LGRED°
MULTI F MAX

Maximum Heating Capacity Tables

Table 113: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
42	-13	-13.4	38.76	5.11	37.90	5.27	36.81	5.44	36.21	5.54	35.73	5.61	34.43	5.78
	-4	-4.4	44.70	5.38	43.70	5.56	42.45	5.74	41.76	5.83	41.20	5.91	39.70	6.09
	0	-0.4	47.90	5.48	46.83	5.66	45.49	5.84	44.75	5.94	44.16	6.02	42.55	6.20
	5	4.5	51.91	5.61	50.75	5.79	49.30	5.98	48.50	6.08	47.85	6.16	46.11	6.35
	10	9	53.61	5.42	52.41	5.60	50.91	5.78	50.08	5.88	49.41	5.96	47.62	6.14
	17	15	55.87	5.29	54.62	5.46	53.06	5.63	52.19	5.73	51.50	5.81	49.62	5.99
	20	19	56.22	5.16	54.96	5.33	53.39	5.50	52.52	5.59	51.82	5.67	49.94	5.84
	25	23	56.57	5.03	55.31	5.19	53.73	5.36	52.85	5.45	52.15	5.52	50.25	5.69
	30	28	57.01	4.86	55.74	5.02	54.15	5.18	53.26	5.27	52.56	5.34	50.64	5.50
	35	32	57.37	4.73	56.09	4.89	54.48	5.04	53.59	5.13	52.88	5.20	50.96	5.36
	40	36	57.72	4.60	56.43	4.75	54.82	4.91	53.92	4.99	53.21	5.06	51.27	5.21
	45	41	58.16	4.44	56.86	4.59	55.24	4.73	54.34	4.81	53.61	4.88	51.66	5.02
	47	43	58.34	4.37	57.03	4.52	55.41	4.66	54.50	4.74	53.78	4.80	51.82	4.95
	50	46	58.51	4.35	57.33	4.48	55.91	4.60	55.10	4.67	54.45	4.73	52.61	4.86
	55	51	58.80	4.30	57.82	4.41	56.75	4.51	56.10	4.56	55.58	4.60	53.94	4.70
	60	56	59.08	4.26	58.31	4.34	57.59	4.42	57.10	4.45	56.71	4.47	55.26	4.54
43	63	59	59.25	4.23	58.61	4.30	58.10	4.36	57.70	4.38	57.38	4.40	56.05	4.45
	68	64	59.42	4.20	58.90	4.25	58.61	4.30	58.31	4.32	58.07	4.32	56.86	4.36
	-13	-13.4	39.30	5.17	38.42	5.34	37.32	5.51	36.71	5.61	36.22	5.68	34.91	5.85
	-4	-4.4	45.31	5.45	44.30	5.63	43.03	5.81	42.33	5.91	41.77	5.99	40.25	6.17
	0	-0.4	48.56	5.55	47.48	5.73	46.12	5.92	45.37	6.02	44.76	6.10	43.14	6.28
	5	4.5	52.63	5.68	51.45	5.86	49.98	6.05	49.16	6.15	48.51	6.24	46.75	6.43
	10	9	54.34	5.49	53.13	5.67	51.61	5.85	50.77	5.95	50.09	6.03	48.27	6.22
	17	15	56.64	5.35	55.37	5.53	53.79	5.71	52.91	5.80	52.21	5.88	50.31	6.06
	20	19	56.99	5.22	55.72	5.39	54.13	5.57	53.24	5.66	52.54	5.74	50.63	5.91
	25	23	57.35	5.09	56.07	5.26	54.47	5.43	53.58	5.52	52.87	5.59	50.94	5.76
	30	28	57.80	4.92	56.51	5.09	54.89	5.25	54.00	5.34	53.28	5.41	51.34	5.57
	35	32	58.16	4.79	56.86	4.95	55.23	5.11	54.33	5.20	53.61	5.27	51.66	5.43
	40	36	58.51	4.66	57.21	4.81	55.57	4.97	54.66	5.06	53.94	5.12	51.98	5.28
	45	41	58.96	4.50	57.64	4.64	56.00	4.79	55.08	4.87	54.35	4.94	52.37	5.09
	47	43	59.14	4.43	57.82	4.57	56.17	4.72	55.25	4.80	54.52	4.87	52.53	5.01
	50	46	59.32	4.40	58.12	4.53	56.68	4.66	55.86	4.73	55.20	4.79	53.34	4.92
	55	51	59.60	4.36	58.62	4.46	57.53	4.57	56.87	4.62	56.34	4.66	54.68	4.76
44	60	56	59.89	4.31	59.11	4.39	58.39	4.47	57.89	4.50	57.49	4.53	56.02	4.60
	63	59	60.07	4.28	59.41	4.35	58.90	4.41	58.50	4.44	58.17	4.45	56.82	4.51
	68	64	60.24	4.25	59.71	4.31	59.42	4.36	59.11	4.37	58.87	4.38	57.64	4.42
	-13	-13.4	39.83	5.24	38.94	5.42	37.83	5.59	37.21	5.69	36.72	5.76	35.38	5.94
	-4	-4.4	45.93	5.53	44.90	5.71	43.62	5.89	42.91	5.99	42.34	6.07	40.80	6.26
	0	-0.4	49.22	5.63	48.12	5.82	46.75	6.00	45.98	6.10	45.37	6.19	43.72	6.37
	5	4.5	53.34	5.76	52.15	5.95	50.66	6.14	49.83	6.24	49.17	6.33	47.38	6.52
	10	9	55.08	5.57	53.85	5.75	52.31	5.94	51.46	6.04	50.77	6.12	48.93	6.31
	17	15	57.40	5.43	56.12	5.61	54.52	5.79	53.63	5.89	52.91	5.97	50.99	6.15
	20	19	57.77	5.30	56.48	5.47	54.86	5.65	53.97	5.75	53.25	5.82	51.31	6.00
	25	23	58.13	5.16	56.83	5.34	55.21	5.51	54.31	5.60	53.58	5.68	51.63	5.85
	30	28	58.58	5.00	57.27	5.16	55.64	5.32	54.73	5.42	54.00	5.49	52.04	5.65
	35	32	58.95	4.86	57.63	5.02	55.98	5.18	55.07	5.27	54.34	5.34	52.36	5.51
	40	36	59.31	4.73	57.98	4.88	56.33	5.04	55.41	5.13	54.67	5.20	52.68	5.35
	45	41	59.76	4.56	58.43	4.71	56.76	4.86	55.83	4.94	55.09	5.01	53.09	5.16
	47	43	59.94	4.49	58.60	4.64	56.93	4.79	56.00	4.87	55.26	4.94	53.25	5.09
	50	46	60.12	4.47	58.91	4.60	57.45	4.73	56.62	4.80	55.95	4.86	54.06	4.99
	55	51	60.41	4.42	59.41	4.53	58.31	4.63	57.65	4.69	57.11	4.73	55.42	4.83
	60	56	60.71	4.37	59.92	4.46	59.18	4.54	58.67	4.57	58.27	4.60	56.78	4.67
	63	59	60.88	4.34	60.22	4.41	59.70	4.48	59.29	4.50	58.96	4.52	57.59	4.57
	68	64	61.06	4.32	60.52	4.37	60.22	4.42	59.91	4.43	59.67	4.44	58.42	4.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 114: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
45	-13	-13.4	40.36	5.32	39.46	5.49	38.33	5.67	37.71	5.76	37.21	5.84	35.85	6.02
	-4	-4.4	46.54	5.60	45.50	5.79	44.20	5.97	43.48	6.08	42.90	6.16	41.34	6.34
	0	-0.4	49.88	5.71	48.77	5.90	47.37	6.08	46.60	6.19	45.98	6.27	44.31	6.46
	5	4.5	54.05	5.84	52.85	6.03	51.34	6.23	50.50	6.33	49.83	6.42	48.01	6.61
	10	9	55.82	5.65	54.57	5.83	53.01	6.02	52.15	6.12	51.45	6.20	49.58	6.39
	17	15	58.17	5.51	56.87	5.69	55.25	5.87	54.35	5.97	53.62	6.05	51.67	6.23
	20	19	58.54	5.37	57.23	5.55	55.60	5.72	54.69	5.82	53.96	5.90	52.00	6.08
	25	23	58.91	5.23	57.59	5.40	55.95	5.58	55.03	5.67	54.30	5.75	52.33	5.92
	30	28	59.37	5.06	58.04	5.23	56.38	5.40	55.46	5.49	54.72	5.57	52.73	5.73
	35	32	59.74	4.93	58.40	5.09	56.73	5.25	55.81	5.34	55.06	5.41	53.06	5.58
	40	36	60.10	4.79	58.76	4.95	57.08	5.11	56.15	5.19	55.40	5.26	53.39	5.42
	45	41	60.56	4.62	59.21	4.77	57.52	4.93	56.58	5.01	55.83	5.08	53.80	5.23
	47	43	60.75	4.55	59.39	4.70	57.69	4.86	56.75	4.94	56.00	5.01	53.96	5.16
	50	46	60.93	4.52	59.70	4.66	58.22	4.80	57.38	4.87	56.70	4.93	54.79	5.06
	55	51	61.22	4.47	60.21	4.59	59.10	4.70	58.42	4.75	57.87	4.79	56.16	4.90
	60	56	61.52	4.43	60.72	4.51	59.97	4.60	59.46	4.63	59.05	4.66	57.54	4.73
46	63	59	61.70	4.40	61.03	4.47	60.50	4.54	60.08	4.56	59.75	4.58	58.36	4.63
	68	64	61.88	4.37	61.33	4.43	61.03	4.48	60.72	4.49	60.47	4.50	59.20	4.54
	-13	-13.4	40.90	5.39	39.98	5.57	38.84	5.75	38.21	5.85	37.70	5.92	36.33	6.10
	-4	-4.4	47.16	5.68	46.10	5.87	44.79	6.06	44.05	6.16	43.47	6.25	41.89	6.43
	0	-0.4	50.54	5.79	49.41	5.98	48.00	6.17	47.21	6.28	46.59	6.36	44.89	6.55
	5	4.5	54.77	5.92	53.55	6.12	52.02	6.31	51.17	6.42	50.49	6.51	48.65	6.70
	10	9	56.56	5.73	55.29	5.91	53.71	6.10	52.84	6.21	52.13	6.29	50.24	6.48
	17	15	58.94	5.58	57.62	5.77	55.98	5.95	55.06	6.06	54.33	6.14	52.36	6.32
	20	19	59.31	5.45	57.99	5.62	56.33	5.80	55.41	5.90	54.68	5.98	52.69	6.16
	25	23	59.69	5.31	58.35	5.48	56.69	5.66	55.76	5.75	55.02	5.83	53.02	6.01
	30	28	60.15	5.13	58.81	5.30	57.13	5.48	56.19	5.57	55.45	5.65	53.43	5.81
	35	32	60.53	5.00	59.17	5.16	57.48	5.33	56.54	5.42	55.79	5.49	53.76	5.66
	40	36	60.90	4.86	59.54	5.02	57.84	5.18	56.89	5.27	56.13	5.34	54.09	5.50
	45	41	61.36	4.68	59.99	4.84	58.28	5.00	57.33	5.08	56.56	5.15	54.51	5.31
	47	43	61.55	4.62	60.17	4.77	58.46	4.92	57.50	5.01	56.74	5.08	54.67	5.23
	50	46	61.73	4.59	60.49	4.73	58.99	4.86	58.13	4.94	57.45	5.00	55.51	5.13
	55	51	62.03	4.54	61.00	4.65	59.88	4.76	59.19	4.82	58.64	4.86	56.90	4.97
47	60	56	62.33	4.49	61.52	4.58	60.77	4.66	60.25	4.70	59.83	4.73	58.30	4.80
	63	59	62.51	4.46	61.83	4.53	61.30	4.60	60.88	4.62	60.54	4.64	59.14	4.70
	68	64	62.70	4.43	62.15	4.49	61.84	4.54	61.52	4.55	61.27	4.56	59.98	4.60
	-13	-13.4	41.43	5.46	40.50	5.64	39.35	5.82	38.70	5.92	38.19	6.00	36.80	6.18
	-4	-4.4	47.77	5.75	46.70	5.94	45.37	6.13	44.63	6.24	44.04	6.32	42.43	6.51
	0	-0.4	51.20	5.86	50.06	6.05	48.63	6.25	47.83	6.36	47.20	6.44	45.48	6.64
	5	4.5	55.48	5.99	54.24	6.19	52.69	6.39	51.83	6.50	51.14	6.59	49.28	6.79
	10	9	57.29	5.80	56.01	5.99	54.41	6.18	53.53	6.29	52.81	6.37	50.89	6.57
	17	15	59.71	5.65	58.38	5.84	56.71	6.03	55.78	6.13	55.04	6.21	53.04	6.40
	20	19	60.09	5.51	58.75	5.70	57.07	5.88	56.13	5.98	55.39	6.06	53.37	6.25
	25	23	60.47	5.38	59.11	5.56	57.43	5.73	56.49	5.83	55.74	5.91	53.71	6.09
	30	28	60.94	5.20	59.58	5.37	57.87	5.54	56.93	5.64	56.17	5.71	54.13	5.89
	35	32	61.31	5.06	59.94	5.23	58.23	5.40	57.28	5.49	56.52	5.56	54.46	5.73
	40	36	61.69	4.92	60.31	5.09	58.59	5.25	57.63	5.34	56.87	5.41	54.80	5.57
	45	41	62.16	4.75	60.77	4.91	59.04	5.06	58.07	5.15	57.30	5.22	55.22	5.37
	47	43	62.35	4.68	60.96	4.83	59.22	4.98	58.25	5.07	57.48	5.14	55.39	5.30
	50	46	62.54	4.65	61.27	4.79	59.76	4.92	58.89	5.00	58.20	5.06	56.23	5.19
	55	51	62.84	4.60	61.80	4.71	60.66	4.82	59.96	4.88	59.40	4.92	57.65	5.03
	60	56	63.15	4.55	62.32	4.64	61.56	4.72	61.03	4.76	60.61	4.79	59.06	4.86
	63	59	63.33	4.52	62.64	4.60	62.10	4.66	61.67	4.69	61.33	4.71	59.91	4.76
	68	64	63.51	4.49	62.96	4.55	62.64	4.60	62.32	4.62	62.06	4.63	60.77	4.66

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F WITH LGRED°
MULTI F MAX

Table 115: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
48	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73
49	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73
50	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 116: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
51	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
52	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73
	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
53	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73
	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

Maximum Heating Capacity Tables

MULTI F ^{WITH LGRED°}
MULTI F MAX

Table 117: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
54	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
55	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73
	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
56	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73
	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 118: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
57	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
58	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73
	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
59	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73
	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

MULTI F MAX KUMXA481A

MULTI F WITH LGRED°
MULTI F MAX

Maximum Heating Capacity Tables

Table 119: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
60	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73
61	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73
62	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Table 120: KUMXA481A Maximum Heating Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h)	Outdoor Air Temp.		Indoor Air Temp. °F DB											
	°F DB	°F WB	61		64		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
63	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
64	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73
	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
65	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73
	-13	-13.4	41.96	5.53	41.03	5.72	39.85	5.90	39.20	6.00	38.68	6.08	37.28	6.27
	-4	-4.4	48.39	5.83	47.31	6.02	45.95	6.22	45.20	6.32	44.60	6.41	42.98	6.60
	0	-0.4	51.86	5.94	50.70	6.14	49.25	6.33	48.45	6.44	47.80	6.53	46.06	6.73
	5	4.5	56.20	6.08	54.94	6.28	53.37	6.48	52.50	6.59	51.80	6.68	49.92	6.88
	10	9	58.03	5.88	56.74	6.07	55.11	6.27	54.21	6.37	53.49	6.46	51.55	6.66
	17	15	60.48	5.73	59.13	5.92	57.44	6.11	56.50	6.22	55.75	6.30	53.72	6.49
	20	19	60.86	5.59	59.50	5.78	57.80	5.96	56.86	6.06	56.10	6.15	54.06	6.33
	25	23	61.24	5.45	59.88	5.63	58.16	5.81	57.21	5.91	56.45	5.99	54.40	6.17
	30	28	61.72	5.27	60.34	5.45	58.62	5.62	57.66	5.72	56.89	5.79	54.83	5.97
	35	32	62.10	5.13	60.72	5.30	58.98	5.47	58.02	5.56	57.25	5.64	55.17	5.81
	40	36	62.49	4.99	61.09	5.16	59.34	5.32	58.38	5.41	57.60	5.49	55.50	5.65
	45	41	62.96	4.82	61.56	4.97	59.80	5.13	58.82	5.22	58.04	5.29	55.93	5.45
	47	43	63.16	4.74	61.74	4.90	59.98	5.05	59.00	5.14	58.22	5.21	56.10	5.37
	50	46	63.34	4.71	62.06	4.85	60.53	4.99	59.65	5.07	58.95	5.13	56.96	5.27
	55	51	63.65	4.66	62.59	4.78	61.44	4.89	60.73	4.95	60.17	4.99	58.39	5.10
	60	56	63.96	4.62	63.13	4.70	62.35	4.79	61.82	4.82	61.39	4.85	59.82	4.93
	63	59	64.14	4.58	63.45	4.66	62.90	4.73	62.47	4.75	62.12	4.77	60.68	4.83
	68	64	64.33	4.55	63.77	4.61	63.45	4.67	63.12	4.68	62.86	4.69	61.55	4.73

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXA361A: 16.4 ft. Main + (16.4 ft. Branch x 5) = 98.4 ft.

KUMXA421A: 16.4 ft. Main + (16.4 ft. Branch x 6) = 114.8 ft.

KUMXA481A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Inverter



LG Electronics, U.S.A., Inc.
Air Conditioning Technologies
4300 North Point Parkway
Alpharetta, Georgia 30022
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PD_Multi_F-MAX_LGRED_ODU_R32_01_26
Supersedes: PD_Multi_F-MAX_LGRED_ODU_R32_03_25