



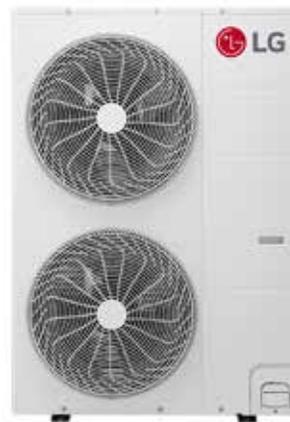
R32 **MULTI F**  
**MULTI F MAX**  
OUTDOOR UNIT  
COMBINATION DATA MANUAL



Dual- and Tri-Zone  
Multi F



Quad-Zone  
Multi F



Eight-Zone Multi F MAX

Multi-Zone Heat Pump Outdoor Units  
1.5 to 5 Tons

## **PROPRIETARY DATA NOTICE**

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# ALLOWABLE IDU TO ODU CONNECTIONS

**MULTI F**  
**MULTI F MAX**

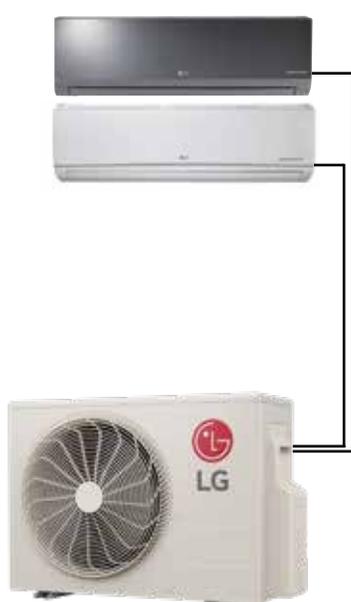
Table 1: Multi F Allowable Indoor Unit to Outdoor Unit Connections.

Indoor Units		Outdoor Units			
Model Type	IDU Nominal Capacity (Btu/h)	KUMXB181A	KUMXB241A	KUMXB301A	KUMXB361A
		Maximum No. of Connectable Indoor Units			
ART COOL Mirror	9,000	0	3	4	4
	12,000	0	0	0	0
	18,000	-	0	0	0
Standard Wall Mounted	7,000	0	0	0	0
	9,000	0	0	0	0
	12,000	0	0	0	0
	15,000	0	0	0	0
	18,000	-	0	0	0
Ceiling Concealed Duct-Low Static	9,000	0	0	0	0
	12,000	0	0	0	0
	18,000	-	0	0	0
	24,000	-	-	0	0
Convertible Mid Static Duct	9,000	0	0	0	0
	12,000	0	0	0	0
	18,000	-	0	0	0
	24,000	-	-	0	0
Ceiling Concealed Mid Static Duct	30,000	-	-	-	0
	36,000	-	-	-	-
One-Way / Four-Way Ceiling Cassette	7,000	0	0	0	0
	9,000	0	0	0	0
	12,000	0	0	0	0
	18,000	-	0	0	0
Low-Wall Console	9,000	0	0	0	0
	12,000	0	0	0	0
	15,000	0	0	0	0
Multi-Position Air Handling Unit	12,000	0	0	0	0
	18,000	-	0	0	0
	24,000	-	-	0	0
	30,000	-	-	-	0
	36,000	-	-	-	-

Figure 1: Dual-Zone (KUMXB181A) Multi F Heat Pump Inverter System — Mix and match for 14,000-24,000 Btu/h.

Figure 2: Tri-Zone (KUMXB241A) Multi F Heat Pump Inverter System — Mix and match for 14,000-33,000 Btu/h..

Figure 3: Quad-Zone (KUMXB301A and KUMXB361A) Multi F Heat Pump Inverter System — Mix and match for 14,000-40,000 (KUMXB301A) and 14,000-48,000 Btu/h (KUMXB361A).

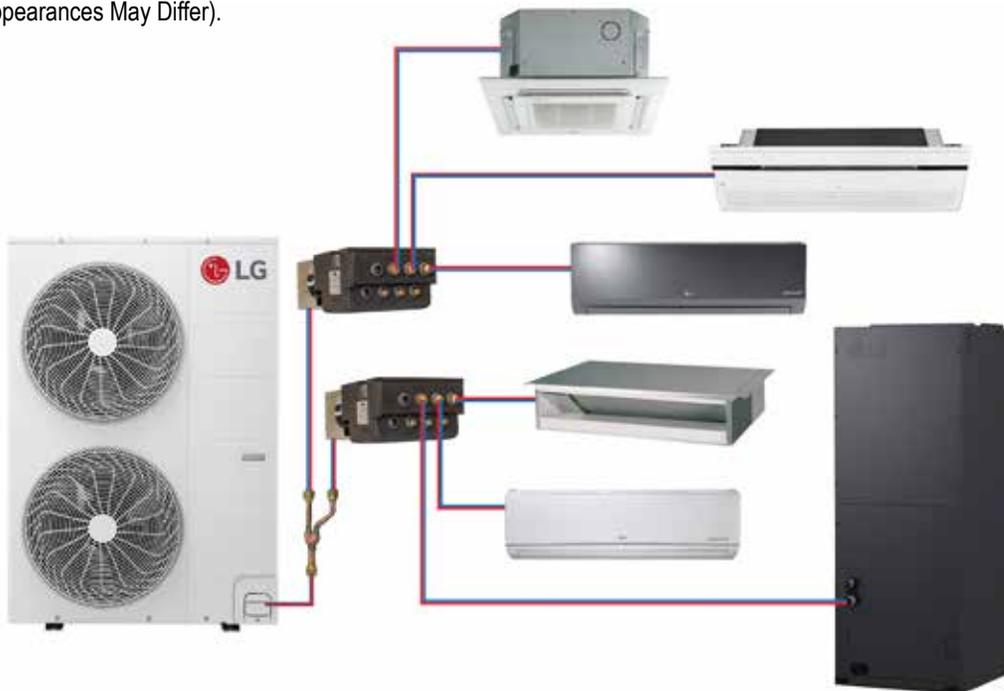


# ALLOWABLE IDU TO ODU CONNECTIONS

Table 2: Multi F MAX Allowable Indoor Unit to Outdoor Unit Connections.

Indoor Units		Outdoor Units		
Model Type	IDU Nominal Capacity (Btu/h)	KUMXB481A	KUMXB541A	KUMXB601A
		Maximum No. of Connectable Indoor Units		
		8	8	8
ART COOL Mirror	9,000	0	0	0
	12,000	0	0	0
	18,000	0	0	0
Standard Wall Mounted	7,000	0	0	0
	9,000	0	0	0
	12,000	0	0	0
	15,000	0	0	0
	18,000	0	0	0
Ceiling Concealed Duct-Low Static	9,000	0	0	0
	12,000	0	0	0
	18,000	0	0	0
	24,000	0	0	0
Convertible Mid Static Duct	9,000	0	0	0
	12,000	0	0	0
	18,000	0	0	0
	24,000	0	0	0
Ceiling Concealed Mid Static Duct	30,000	0	0	0
	36,000	0	0	0
One-Way / Four-Way Ceiling Cassette	7,000	0	0	0
	9,000	0	0	0
	12,000	0	0	0
Low-Wall Console	18,000	0	0	0
	9,000	0	0	0
	12,000	0	0	0
Multi-Position Air Handling Unit	15,000	0	0	0
	12,000	0	0	0
	18,000	0	0	0
	24,000	0	0	0
	30,000	0	0	0
	36,000	0	0	0

Figure 4: KUMXB481A (18,000-65,000 Btu/h), KUMXB541A (18,000-73,000), and KUMXB601A (18,000-81,000) Multi F MAX Heat Pump Inverter Outdoor Units (Appearances May Differ).



# MULTI F KUMXB181A

## Rated Cooling Combination Table

MULTI F  
MULTI F MAX

Table 3: KUMXB181A with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER2	SEER2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Non-Ducted Indoor Units</i>																				
Two Units	7	7	-	-	14	7,000	7,000	-	-	8,400	2.46	14,000	4.10	16,800	4.92	472	927	1,349	15.1	22.8
	7	9	-	-	16	7,000	9,000	-	-	9,600	2.81	16,000	4.69	19,200	5.63	552	1,121	1,653	14.3	22.7
	9	9	-	-	18	9,000	9,000	-	-	10,800	3.17	18,000	5.28	21,600	6.33	635	1,333	2,011	13.5	22.5
	7	12	-	-	19	6,632	11,368	-	-	10,800	3.17	18,000	5.28	21,600	6.33	635	1,333	2,011	13.5	22.5
	9	12	-	-	21	7,714	10,286	-	-	10,800	3.17	18,000	5.28	21,600	6.33	635	1,333	2,011	13.5	22.5
	7	15	-	-	22	5,727	12,273	-	-	10,800	3.17	18,000	5.28	21,600	6.33	635	1,333	2,011	13.5	22.5
	9	15	-	-	24	6,750	11,250	-	-	10,800	3.17	18,000	5.28	21,600	6.33	635	1,333	2,011	13.5	22.5
	12	12	-	-	24	9,000	9,000	-	-	10,800	3.17	18,000	5.28	21,600	6.33	635	1,333	2,011	13.5	22.5
<i>Ducted Indoor Units</i>																				
Two Units	9	9	-	-	18	8,600	8,600	-	-	10,320	3.02	17,200	5.04	20,400	5.98	609	1,376	2,020	12.5	18.5
	9	12*	-	-	21	7,371	9,829	-	-	10,320	3.02	17,200	5.04	20,400	5.98	609	1,376	2,020	12.5	18.5
	12*	12*	-	-	24	8,600	8,600	-	-	10,320	3.02	17,200	5.04	20,400	5.98	609	1,376	2,020	12.5	18.5
<i>Mixed Indoor Units</i>																				
Two Units	7	9	-	-	16	7,000	9,000	-	-	9,600	2.81	16,000	4.69	19,200	5.63	555	1,159	1,700	13.8	20.7
	9	9	-	-	18	8,800	8,800	-	-	10,560	3.09	17,600	5.16	21,000	6.15	622	1,355	2,015	13.0	20.5
	7	12	-	-	19	6,484	11,116	-	-	10,560	3.09	17,600	5.16	21,000	6.15	622	1,355	2,015	13.0	20.5
	9	12*	-	-	21	7,543	10,057	-	-	10,560	3.09	17,600	5.16	21,000	6.15	622	1,355	2,015	13.0	20.5
	9*	15	-	-	24	6,600	11,000	-	-	10,560	3.09	17,600	5.16	21,000	6.15	622	1,355	2,015	13.0	20.5
	12*	12*	-	-	24	8,800	8,800	-	-	10,560	3.09	17,600	5.16	21,000	6.15	622	1,355	2,015	13.0	20.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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

Table 4: KUMXB181A with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Non-Ducted Indoor Units</i>																				
Two Units	7	7	-	-	14	8,100	8,100	-	-	10,080	2.95	16,200	4.75	20,160	5.91	594	1,128	1,677	4.2	10.0
	7	9	-	-	16	8,100	10,900	-	-	11,520	3.38	19,000	5.57	23,040	6.75	707	1,421	2,093	3.9	9.9
	9	9	-	-	18	11,000	11,000	-	-	13,200	3.87	22,000	6.45	25,000	7.33	849	1,791	2,423	3.6	9.8
	7	12	-	-	19	8,100	13,900	-	-	13,200	3.87	22,000	6.45	25,000	7.33	849	1,791	2,423	3.6	9.8
	9	12	-	-	21	9,429	12,571	-	-	13,200	3.87	22,000	6.45	25,000	7.33	849	1,791	2,423	3.6	9.8
	7	15	-	-	22	7,000	15,000	-	-	13,200	3.87	22,000	6.45	25,000	7.33	849	1,791	2,423	3.6	9.8
	9	15	-	-	24	8,250	13,750	-	-	13,200	3.87	22,000	6.45	25,000	7.33	849	1,791	2,423	3.6	9.8
	12	12	-	-	24	11,000	11,000	-	-	13,200	3.87	22,000	6.45	25,000	7.33	849	1,791	2,423	3.6	9.8
<i>Ducted Indoor Units</i>																				
Two Units	9	9	-	-	18	10000	10000	-	-	12,000	3.52	20,000	5.86	24,000	7.03	837	1,720	2,525	3.4	9.0
	9	12*	-	-	21	8571	11429	-	-	12,000	3.52	20,000	5.86	24,000	7.03	837	1,720	2,525	3.4	9.0
	12*	12*	-	-	24	10000	10000	-	-	12,000	3.52	20,000	5.86	24,000	7.03	837	1,720	2,525	3.4	9.0
<i>Mixed Indoor Units</i>																				
Two Units	7	9	-	-	16	8,100	10,900	-	-	11,520	3.38	19,000	5.57	23,040	6.75	746	1,488	2,192	3.7	9.5
	9	9	-	-	18	10,500	10,500	-	-	12,600	3.69	21,000	6.15	24,500	7.18	843	1,756	2,474	3.5	9.4
	7	12	-	-	19	7,737	13,263	-	-	12,600	3.69	21,000	6.15	24,500	7.18	843	1,756	2,474	3.5	9.4
	9	12*	-	-	21	9,000	12,000	-	-	12,600	3.69	21,000	6.15	24,500	7.18	843	1,756	2,474	3.5	9.4
	9*	15	-	-	24	7,875	13,125	-	-	12,600	3.69	21,000	6.15	24,500	7.18	843	1,756	2,474	3.5	9.4
	12*	12*	-	-	24	10,500	10,500	-	-	12,600	3.69	21,000	6.15	24,500	7.18	843	1,756	2,474	3.5	9.4

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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

# MULTI F KUMXB241A

## Rated Cooling Combination Table

MULTI F  
MULTI F MAX

Table 5: KUMXB241A with Non-Ducted and Ducted Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER2	SEER2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Non-Ducted Indoor Units</i>																				
Two Units	7	7	-	-	14	7,000	7,000	-	-	8,400	2.46	14,000	4.10	16,800	4.92	472	927	1,349	15.1	22.8
	7	9	-	-	16	7,000	9,000	-	-	9,600	2.81	16,000	4.69	19,200	5.63	552	1,121	1,653	14.3	22.7
	9	9	-	-	18	9,000	9,000	-	-	10,800	3.17	18,000	5.28	21,600	6.33	635	1,333	2,011	13.5	22.5
	7	12	-	-	19	7,000	12,000	-	-	11,400	3.34	19,000	5.57	22,800	6.68	700	1,451	2,211	13.1	22.3
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.69	21,000	6.15	25,000	7.33	802	1,710	2,623	12.3	21.9
	7	15	-	-	22	7,000	15,000	-	-	13,200	3.87	22,000	6.45	25,000	7.33	854	1,852	2,623	11.9	21.7
	9	15	-	-	24	9,000	15,000	-	-	14,400	4.22	24,000	7.03	25,000	7.33	942	2,168	2,623	11.1	21.5
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.22	24,000	7.03	25,000	7.33	942	2,168	2,623	11.1	21.5
	7	18	-	-	25	6,720	17,280	-	-	14,400	4.22	24,000	7.03	25,000	7.33	942	2,168	2,623	11.1	21.5
	9	18	-	-	27	8,000	16,000	-	-	14,400	4.22	24,000	7.03	25,000	7.33	942	2,168	2,623	11.1	21.5
	12	15	-	-	27	10,667	13,333	-	-	14,400	4.22	24,000	7.03	25,000	7.33	942	2,168	2,623	11.1	21.5
	12	18	-	-	30	9,600	14,400	-	-	14,400	4.22	24,000	7.03	25,000	7.33	942	2,168	2,623	11.1	21.5
	15	15	-	-	30	12,000	12,000	-	-	14,400	4.22	24,000	7.03	25,000	7.33	942	2,168	2,623	11.1	21.5
	15	18	-	-	33	10,909	13,091	-	-	14,400	4.22	24,000	7.03	25,000	7.33	942	2,168	2,623	11.1	21.5
	Three Units	7	7	7	-	21	7,000	7,000	7,000	-	13,650	4.00	21,000	6.15	25,000	7.33	822	1,554	2,338	13.5
7		7	9	-	23	7,304	7,304	9,391	-	15,340	4.50	24,000	7.03	25,000	7.33	970	1,920	2,338	12.5	22.5
7		9	9	-	25	6,720	8,640	8,640	-	15,340	4.50	24,000	7.03	25,000	7.33	970	1,920	2,338	12.5	22.5
7		7	12	-	26	6,462	6,462	11,077	-	15,340	4.50	24,000	7.03	25,000	7.33	970	1,920	2,338	12.5	22.5
9		9	9	-	27	8,000	8,000	8,000	-	15,340	4.50	24,000	7.03	25,000	7.33	970	1,920	2,338	12.5	22.5
7		9	12	-	28	6,000	7,714	10,286	-	15,340	4.50	24,000	7.03	25,000	7.33	970	1,920	2,338	12.5	22.5
7		7	15	-	29	5,793	5,793	12,414	-	15,340	4.50	24,000	7.03	25,000	7.33	970	1,920	2,338	12.5	22.5
9		9	12	-	30	7,200	7,200	9,600	-	15,340	4.50	24,000	7.03	25,000	7.33	970	1,920	2,338	12.5	22.5
7		9	15	-	31	5,419	6,968	11,613	-	15,340	4.50	24,000	7.03	25,000	7.33	970	1,920	2,338	12.5	22.5
7		12	12	-	31	5,419	9,290	9,290	-	15,340	4.50	24,000	7.03	25,000	7.33	970	1,920	2,338	12.5	22.5
7		7	18	-	32	5,250	5,250	13,500	-	15,340	4.50	24,000	7.03	25,000	7.33	970	1,920	2,338	12.5	22.5
9		9	15	-	33	6,545	6,545	10,909	-	15,340	4.50	24,000	7.03	25,000	7.33	970	1,920	2,338	12.5	22.5
9	12	12	-	33	6,545	8,727	8,727	-	15,340	4.50	24,000	7.03	25,000	7.33	970	1,920	2,338	12.5	22.5	
<i>Ducted Indoor Units</i>																				
Two Units	9	9	-	-	18	9,000	9,000	-	-	10,800	3.17	18,000	5.28	21,600	6.33	646	1,384	2,204	13.0	18.8
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.69	21,000	6.15	24,000	7.03	792	1,660	2,666	12.7	18.6
	12	12	-	-	24	11,000	11,000	-	-	13,200	3.87	22,000	6.45	24,000	7.03	843	1,760	2,666	12.5	18.5
	9	18	-	-	27	7,333	14,667	-	-	13,200	3.87	22,000	6.45	24,000	7.03	843	1,760	2,666	12.5	18.5
	12*	18*	-	-	30	8,800	13,200	-	-	13,200	3.87	22,000	6.45	24,000	7.03	843	1,760	2,666	12.5	18.5
Three Units	9	9	9	-	27	11,000	11,000	-	-	14,300	4.19	22,000	6.45	24,000	7.03	864	1,760	2,666	12.5	18.5
	9	9*	12*	-	30	11,000	11,000	-	-	14,300	4.19	22,000	6.45	24,000	7.03	864	1,760	2,666	12.5	18.5
	9*	12*	12*	-	33	9,429	12,571	-	-	14,300	4.19	22,000	6.45	24,000	7.03	864	1,760	2,666	12.5	18.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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

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Table 6: KUMXB241A with Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER2	SEER2	
										Minimum		Rated		Maximum		Min.	Rated	Max.			
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW						
<i>Mixed Indoor Units</i>																					
Two Units	7	9	-	-	16	7,000	9,000	-	-	9,600	2.81	16,000	4.69	19,200	5.63	559	1,155	1,714	13.8	20.8	
	9	9	-	-	18	9,000	9,000	-	-	10,800	3.17	18,000	5.28	21,600	6.33	641	1,359	2,107	13.2	20.7	
	7	12	-	-	19	7,000	12,000	-	-	11,400	3.34	19,000	5.57	22,800	6.68	700	1,475	2,303	12.9	20.6	
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.69	21,000	6.15	24,500	7.18	797	1,685	2,645	12.5	20.5	
	9	15	-	-	24	8,625	14,375	-	-	13,800	4.04	23,000	6.74	24,500	7.18	893	2,044	2,645	11.3	20.0	
	12	12	-	-	24	11,500	11,500	-	-	13,800	4.04	23,000	6.74	24,500	7.18	893	2,044	2,645	11.3	20.0	
	7	18	-	-	25	6,440	16,560	-	-	13,800	4.04	23,000	6.74	24,500	7.18	893	2,044	2,645	11.3	20.0	
	9	18	-	-	27	7,667	15,333	-	-	13,800	4.04	23,000	6.74	24,500	7.18	893	2,044	2,645	11.3	20.0	
	12	15	-	-	27	10,222	12,778	-	-	13,800	4.04	23,000	6.74	24,500	7.18	893	2,044	2,645	11.3	20.0	
	12*	18*	-	-	30	9,200	13,800	-	-	13,800	4.04	23,000	6.74	24,500	7.18	893	2,044	2,645	11.3	20.0	
	15	18*	-	-	33	10,455	12,545	-	-	13,800	4.04	23,000	6.74	24,500	7.18	893	2,044	2,645	11.3	20.0	
	Three Units	7	7	9	-	23	6,939	6,939	8,922	-	14,820	4.34	23,000	6.74	24,500	7.18	917	1,840	2,502	12.5	20.5
		7	9	9	-	25	6,384	8,208	8,208	-	14,820	4.34	23,000	6.74	24,500	7.18	917	1,840	2,502	12.5	20.5
		7	7	12	-	26	6,138	6,138	10,523	-	14,820	4.34	23,000	6.74	24,500	7.18	917	1,840	2,502	12.5	20.5
		9	9	9	-	27	7,600	7,600	7,600	-	14,820	4.34	23,000	6.74	24,500	7.18	917	1,840	2,502	12.5	20.5
7		9	12*	-	28	5,700	7,329	9,771	-	14,820	4.34	23,000	6.74	24,500	7.18	917	1,840	2,502	12.5	20.5	
9		9*	12*	-	30	6,840	6,840	9,120	-	14,820	4.34	23,000	6.74	24,500	7.18	917	1,840	2,502	12.5	20.5	
7		9*	15	-	31	5,148	6,619	11,032	-	14,820	4.34	23,000	6.74	24,500	7.18	917	1,840	2,502	12.5	20.5	
7		12*	12*	-	31	5,148	8,826	8,826	-	14,820	4.34	23,000	6.74	24,500	7.18	917	1,840	2,502	12.5	20.5	
7		7	18*	-	32	4,988	4,988	12,825	-	14,820	4.34	23,000	6.74	24,500	7.18	917	1,840	2,502	12.5	20.5	
9*		9*	15	-	33	6,218	6,218	10,364	-	14,820	4.34	23,000	6.74	24,500	7.18	917	1,840	2,502	12.5	20.5	
9*		12*	12*	-	33	6,218	8,291	8,291	-	14,820	4.34	23,000	6.74	24,500	7.18	917	1,840	2,502	12.5	20.5	

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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

# MULTI F KUMXB241A

## Rated Heating Combination Table

MULTI F  
MULTI F MAX

Table 7: KUMXB241A with Non-Ducted and Ducted Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Non-Ducted Indoor Units</i>																				
Two Units	7	7	-	-	14	8,100	8,100	-	-	10,080	2.95	16,200	4.75	20,160	5.91	594	1,128	1,677	4.2	10.4
	7	9	-	-	16	8,100	10,900	-	-	11,520	3.38	19,000	5.57	23,040	6.75	707	1,421	2,093	3.9	10.2
	9	9	-	-	18	10,800	10,800	-	-	12,960	3.80	21,600	6.33	25,920	7.60	827	1,739	2,594	3.6	10.0
	7	12	-	-	19	8,100	13,600	-	-	13,680	4.01	21,700	6.36	27,000	7.91	891	1,749	2,808	3.6	9.9
	9	12	-	-	21	9,900	13,600	-	-	13,860	4.06	23,100	6.77	27,000	7.91	907	1,947	2,808	3.5	9.8
	7	15	-	-	22	8,100	15,600	-	-	14,520	4.26	23,700	6.95	27,000	7.91	968	2,038	2,808	3.4	9.7
	9	15	-	-	24	9,225	15,375	-	-	14,760	4.33	24,600	7.21	27,000	7.91	990	2,180	2,808	3.3	9.6
	12	12	-	-	24	12,300	12,300	-	-	14,760	4.33	24,600	7.21	27,000	7.91	990	2,180	2,808	3.3	9.6
	7	18	-	-	25	6,888	17,712	-	-	14,760	4.33	24,600	7.21	27,000	7.91	990	2,180	2,808	3.3	9.6
	9	18	-	-	27	8,200	16,400	-	-	14,760	4.33	24,600	7.21	27,000	7.91	990	2,180	2,808	3.3	9.6
	12	15	-	-	27	10,933	13,667	-	-	14,760	4.33	24,600	7.21	27,000	7.91	990	2,180	2,808	3.3	9.6
	12	18	-	-	30	9,840	14,760	-	-	14,760	4.33	24,600	7.21	27,000	7.91	990	2,180	2,808	3.3	9.6
15	15	-	-	30	12,300	12,300	-	-	14,760	4.33	24,600	7.21	27,000	7.91	990	2,180	2,808	3.3	9.6	
15	18	-	-	33	11,182	13,418	-	-	14,760	4.33	24,600	7.21	27,000	7.91	990	2,180	2,808	3.3	9.6	
Three Units	7	7	7	-	21	7,700	7,700	7,700	-	15,015	4.40	23,100	6.77	27,720	8.12	824	1,557	2,396	4.3	9.9
	7	7	9	-	23	7,487	7,487	9,626	-	15,990	4.69	24,600	7.21	29,000	8.50	902	1,716	2,628	4.2	9.8
	7	9	9	-	25	6,888	8,856	8,856	-	15,990	4.69	24,600	7.21	29,000	8.50	902	1,716	2,628	4.2	9.8
	7	7	12	-	26	6,623	6,623	11,354	-	15,990	4.69	24,600	7.21	29,000	8.50	902	1,716	2,628	4.2	9.8
	9	9	9	-	27	8,200	8,200	8,200	-	15,990	4.69	24,600	7.21	29,000	8.50	902	1,716	2,628	4.2	9.8
	7	9	12	-	28	6,150	7,907	10,543	-	15,990	4.69	24,600	7.21	29,000	8.50	902	1,716	2,628	4.2	9.8
	7	7	15	-	29	5,938	5,938	12,724	-	15,990	4.69	24,600	7.21	29,000	8.50	902	1,716	2,628	4.2	9.8
	9	9	12	-	30	7,380	7,380	9,840	-	15,990	4.69	24,600	7.21	29,000	8.50	902	1,716	2,628	4.2	9.8
	7	9	15	-	31	5,555	7,142	11,903	-	15,990	4.69	24,600	7.21	29,000	8.50	902	1,716	2,628	4.2	9.8
	7	12	12	-	31	5,555	9,523	9,523	-	15,990	4.69	24,600	7.21	29,000	8.50	902	1,716	2,628	4.2	9.8
	7	7	18	-	32	5,381	5,381	13,838	-	15,990	4.69	24,600	7.21	29,000	8.50	902	1,716	2,628	4.2	9.8
	9	9	15	-	33	6,709	6,709	11,182	-	15,990	4.69	24,600	7.21	29,000	8.50	902	1,716	2,628	4.2	9.8
9	12	12	-	33	6,709	8,945	8,945	-	15,990	4.69	24,600	7.21	29,000	8.50	902	1,716	2,628	4.2	9.8	
<i>Ducted Indoor Units</i>																				
Two Units	9	9	-	-	18	10,800	10,800	-	-	12,960	3.80	21,600	6.33	25,920	7.60	942	1,817	2,744	3.5	9.1
	9	12	-	-	21	9,857	13,143	-	-	13,800	4.04	23,000	6.74	27,600	8.09	999	1,872	2,747	3.6	9.0
	12	12	-	-	24	11,500	11,500	-	-	13,800	4.04	23,000	6.74	27,600	8.09	999	1,872	2,747	3.6	9.0
	9	18	-	-	27	7,667	15,333	-	-	13,800	4.04	23,000	6.74	27,600	8.09	999	1,872	2,747	3.6	9.0
	12*	18*	-	-	30	9,200	13,800	-	-	13,800	4.04	23,000	6.74	27,600	8.09	999	1,872	2,747	3.6	9.0
Three Units	9	9	9	-	27	7,667	7,667	7,667	-	13,800	4.04	23,000	6.74	27,600	8.09	999	1,872	2,747	3.6	9.0
	9	9*	12*	-	30	6,900	6,900	9,200	-	13,800	4.04	23,000	6.74	27,600	8.09	999	1,872	2,747	3.6	9.0
	9*	12*	12*	-	33	6,270	8,365	8,365	-	13,800	4.04	23,000	6.74	27,600	8.09	999	1,872	2,747	3.6	9.0

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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

R32 Multi F and Multi F MAX Outdoor Unit Combination Dta Manual

Table 8: KUMXB241A with Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Mixed Indoor Units</i>																				
Two Units	7	9	-	-	16	8,100	10,800	-	-	11,520	3.38	18,900	5.54	23,040	6.75	767	1,472	2,413	3.8	9.6
	9	9	-	-	18	10,800	10,800	-	-	12,960	3.80	21,600	6.33	25,920	7.60	885	1,778	2,669	3.6	9.6
	7	12	-	-	19	8,100	13,600	-	-	13,680	4.01	21,700	6.36	27,300	8.00	944	1,788	2,776	3.6	9.5
	9	12	-	-	21	10,200	13,600	-	-	14,280	4.19	23,800	6.98	27,300	8.00	953	1,910	2,777	3.7	9.4
	9	15	-	-	24	8,925	14,875	-	-	14,280	4.19	23,800	6.98	27,300	8.00	953	1,910	2,777	3.7	9.4
	12	12	-	-	24	11,900	11,900	-	-	14,280	4.19	23,800	6.98	27,300	8.00	953	1,910	2,777	3.7	9.4
	7	18	-	-	25	6,664	17,136	-	-	14,280	4.19	23,800	6.98	27,300	8.00	953	1,910	2,777	3.7	9.4
	9	18	-	-	27	7,933	15,867	-	-	14,280	4.19	23,800	6.98	27,300	8.00	953	1,910	2,777	3.7	9.4
	12	15	-	-	27	10,578	13,222	-	-	14,280	4.19	23,800	6.98	27,300	8.00	953	1,910	2,777	3.7	9.4
	12*	18*	-	-	30	9,520	14,280	-	-	14,280	4.19	23,800	6.98	27,300	8.00	953	1,910	2,777	3.7	9.4
15	18*	-	-	33	10,818	12,982	-	-	14,280	4.19	23,800	6.98	27,300	8.00	953	1,910	2,777	3.7	9.4	
Three Units	7	7	9	-	23	7,243	7,243	9,313	-	14,900	4.37	23,800	6.98	28,300	8.29	951	1,795	2,687	3.9	9.4
	7	9	9	-	25	6,664	8,568	8,568	-	14,900	4.37	23,800	6.98	28,300	8.29	951	1,795	2,687	3.9	9.4
	7	7	12	-	26	6,408	6,408	10,985	-	14,900	4.37	23,800	6.98	28,300	8.29	951	1,795	2,687	3.9	9.4
	9	9	9	-	27	7,933	7,933	7,933	-	14,900	4.37	23,800	6.98	28,300	8.29	951	1,795	2,687	3.9	9.4
	7	9	12*	-	28	5,950	7,650	10,200	-	14,900	4.37	23,800	6.98	28,300	8.29	951	1,795	2,687	3.9	9.4
	9	9*	12*	-	30	7,140	7,140	9,520	-	14,900	4.37	23,800	6.98	28,300	8.29	951	1,795	2,687	3.9	9.4
	7	9*	15	-	31	5,374	6,910	11,516	-	14,900	4.37	23,800	6.98	28,300	8.29	951	1,795	2,687	3.9	9.4
	7	12*	12*	-	31	5,374	9,213	9,213	-	14,900	4.37	23,800	6.98	28,300	8.29	951	1,795	2,687	3.9	9.4
	7	7	18*	-	32	5,206	5,206	13,388	-	14,900	4.37	23,800	6.98	28,300	8.29	951	1,795	2,687	3.9	9.4
	9*	9*	15	-	33	6,491	6,491	10,818	-	14,900	4.37	23,800	6.98	28,300	8.29	951	1,795	2,687	3.9	9.4
9*	12*	12*	-	33	6,491	8,655	8,655	-	14,900	4.37	23,800	6.98	28,300	8.29	951	1,795	2,687	3.9	9.4	

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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

# MULTI F KUMXB301A

## Rated Cooling Combination Table

MULTI F  
MULTI F MAX

Table 9: KUMXB301A with Non-Ducted Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER2	SEER2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Non-Ducted Indoor Units</i>																				
Two Units	7	7	-	-	14	7,000	7,000	-	-	8,400	2.46	14,000	4.10	16,800	4.92	561	992	1,325	14.1	22.8
	7	9	-	-	16	7,000	9,000	-	-	9,600	2.81	16,000	4.69	19,200	5.63	649	1,158	1,555	13.8	22.7
	9	9	-	-	18	9,000	9,000	-	-	10,800	3.17	18,000	5.28	21,600	6.33	740	1,330	1,796	13.5	22.5
	7	12	-	-	19	7,000	12,000	-	-	11,400	3.34	19,000	5.57	22,800	6.68	786	1,421	1,924	13.4	22.4
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.69	21,000	6.15	25,200	7.39	879	1,604	2,188	13.1	22.2
	7	15	-	-	22	7,000	15,000	-	-	13,200	3.87	22,000	6.45	26,400	7.74	928	1,703	2,325	12.9	22.1
	9	15	-	-	24	9,000	15,000	-	-	14,400	4.22	24,000	7.03	28,800	8.44	1,024	1,899	2,616	12.6	21.8
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.22	24,000	7.03	28,800	8.44	1,024	1,899	2,616	12.6	21.8
	7	18	-	-	25	7,000	18,000	-	-	15,000	4.40	25,000	7.33	30,000	8.79	1,073	2,005	2,764	12.5	21.6
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.75	27,000	7.91	32,400	9.50	1,175	2,216	3,090	12.2	21.3
	12	15	-	-	27	12,000	15,000	-	-	16,200	4.75	27,000	7.91	32,400	9.50	1,175	2,216	3,090	12.2	21.3
	12	18	-	-	30	12,000	18,000	-	-	18,000	5.28	30,000	8.79	36,000	10.55	1,330	2,560	3,861	11.7	20.7
	15	15	-	-	30	15,000	15,000	-	-	18,000	5.28	30,000	8.79	36,000	10.55	1,330	2,560	3,861	11.7	20.7
	7	24	-	-	31	6,774	23,226	-	-	18,000	5.28	30,000	8.79	36,000	10.55	1,330	2,560	3,861	11.7	20.7
	9	24	-	-	33	8,182	21,818	-	-	18,000	5.28	30,000	8.79	36,000	10.55	1,330	2,560	3,861	11.7	20.7
15	18	-	-	33	13,636	16,364	-	-	18,000	5.28	30,000	8.79	36,000	10.55	1,330	2,560	3,861	11.7	20.7	
18	18	-	-	36	15,000	15,000	-	-	18,000	5.28	30,000	8.79	36,000	10.55	1,330	2,560	3,861	11.7	20.7	
12	24	-	-	36	10,000	20,000	-	-	18,000	5.28	30,000	8.79	36,000	10.55	1,330	2,560	3,861	11.7	20.7	
15	24	-	-	39	11,538	18,462	-	-	18,000	5.28	30,000	8.79	36,000	10.55	1,330	2,560	3,861	11.7	20.7	
Three Units	7	7	7	-	21	7,000	7,000	7,000	-	12,600	3.69	21,000	6.15	25,200	7.39	835	1,524	2,079	13.8	22.8
	7	7	9	-	23	7,000	7,000	9,000	-	13,800	4.04	23,000	6.74	27,600	8.09	927	1,711	2,344	13.4	22.5
	7	9	9	-	25	7,000	9,000	9,000	-	15,000	4.40	25,000	7.33	30,000	8.79	1,019	1,905	2,626	13.1	22.2
	7	7	12	-	26	7,000	7,000	12,000	-	15,600	4.57	26,000	7.62	31,200	9.14	1,068	2,005	2,781	13.0	22.0
	9	9	9	-	27	9,000	9,000	9,000	-	16,200	4.75	27,000	7.91	32,400	9.50	1,117	2,105	2,935	12.8	21.9
	7	9	12	-	28	7,000	9,000	12,000	-	16,800	4.92	28,000	8.21	33,600	9.85	1,165	2,214	3,153	12.6	21.7
	7	7	15	-	29	7,000	7,000	15,000	-	17,400	5.10	29,000	8.50	34,800	10.20	1,214	2,323	3,394	12.5	21.6
	9	9	12	-	30	9,000	9,000	12,000	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	7	9	15	-	31	6,774	8,710	14,516	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	7	12	12	-	31	6,774	11,613	11,613	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	7	7	18	-	32	6,563	6,563	16,875	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	9	9	15	-	33	8,182	8,182	13,636	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	9	12	12	-	33	8,182	10,909	10,909	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	7	9	18	-	34	6,176	7,941	15,882	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	7	12	15	-	34	6,176	10,588	13,235	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	9	12	15	-	36	7,500	10,000	12,500	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	12	12	12	-	36	10,000	10,000	10,000	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	9	9	18	-	36	7,500	7,500	15,000	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	7	12	18	-	37	5,676	9,730	14,595	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	7	15	15	-	37	5,676	12,162	12,162	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
7	7	24	-	38	5,526	5,526	18,947	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4	
9	12	18	-	39	6,923	9,231	13,846	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4	
9	15	15	-	39	6,923	11,538	11,538	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4	
12	12	15	-	39	9,231	9,231	11,538	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4	
7	9	24	-	40	5,250	6,750	18,000	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4	
7	15	18	-	40	5,250	11,250	13,500	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4	

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.



Table 10: KUMXB301A with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER2	SEER2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<b>Non-Ducted Indoor Units</b>																				
Four Units	7	7	7	7	28	7,000	7,000	7,000	7,000	16,800	4.92	28,000	8.21	33,600	9.85	1,107	2,103	2,995	13.3	22.1
	7	7	7	9	30	7,000	7,000	7,000	9,000	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
	7	7	9	9	32	6,563	6,563	8,438	8,438	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
	7	7	7	12	33	6,364	6,364	6,364	10,909	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
	7	9	9	9	34	6,176	7,941	7,941	7,941	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
	7	7	9	12	35	6,000	6,000	7,714	10,286	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
	7	7	7	15	36	5,833	5,833	5,833	12,500	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
	9	9	9	9	36	7,500	7,500	7,500	7,500	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
	7	9	9	12	37	5,676	7,297	7,297	9,730	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
	7	7	9	15	38	5,526	5,526	7,105	11,842	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
	9	9	9	12	39	6,923	6,923	6,923	9,231	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
	7	7	7	18	39	5,385	5,385	5,385	13,846	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
	7	9	9	15	40	5,250	6,750	6,750	11,250	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
7	9	12	12	40	5,250	6,750	9,000	9,000	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0	
<b>Ducted Indoor Units</b>																				
Two Units	9	9	-	-	18	9,000	9,000	-	-	10,800	3.17	18,000	5.28	21,600	6.33	772	1,398	1,894	12.9	19.5
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.69	21,000	6.15	25,200	7.39	917	1,693	2,319	12.4	18.9
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.22	24,000	7.03	28,800	8.44	1,072	2,012	2,760	11.9	18.5
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.75	27,000	7.91	32,400	9.50	1,232	2,357	3,346	11.5	18.0
	12	18	-	-	30	10,960	16,440	-	-	16,440	4.82	27,400	8.03	34,000	9.96	1,250	2,403	3,733	11.4	18.0
	18*	18*	-	-	36	13,700	13,700	-	-	16,440	4.82	27,400	8.03	34,000	9.96	1,250	2,403	3,733	11.4	18.0
Three Units	9	9	9	-	27	9,000	9,000	9,000	-	16,200	4.75	27,000	7.91	32,400	9.50	1,170	2,239	3,179	12.1	18.5
	9	9	12	-	30	8,220	8,220	10,960	-	16,440	4.82	27,400	8.03	34,000	9.96	1,188	2,283	3,546	12.0	18.5
	9	12	12*	-	33	7,473	9,964	9,964	-	16,440	4.82	27,400	8.03	34,000	9.96	1,188	2,283	3,546	12.0	18.5
	12	12*	12*	-	36	9,133	9,133	9,133	-	16,440	4.82	27,400	8.03	34,000	9.96	1,188	2,283	3,546	12.0	18.5
	9	9*	18*	-	36	6,850	6,850	13,700	-	16,440	4.82	27,400	8.03	34,000	9.96	1,188	2,283	3,546	12.0	18.5
	9*	12*	18*	-	39	6,323	8,431	12,646	-	16,440	4.82	27,400	8.03	34,000	9.96	1,188	2,283	3,546	12.0	18.5
Four Units	9	9*	9*	9*	36	6,850	6,850	6,850	6,850	16,440	4.82	27,400	8.03	34,000	9.96	1,188	2,283	3,546	12.0	18.5
	9*	9*	9*	12*	39	6,323	6,323	6,323	8,431	16,440	4.82	27,400	8.03	34,000	9.96	1,188	2,283	3,546	12.0	18.5
<b>Mixed Indoor Units</b>																				
Two Units	7	9	-	-	16	7,000	9,000	-	-	9,600	2.81	16,000	4.69	19,200	5.63	667	1,195	1,610	13.4	21.3
	9	9	-	-	18	9,000	9,000	-	-	10,800	3.17	18,000	5.28	21,600	6.33	756	1,364	1,845	13.2	21.0
	7	12	-	-	19	7,000	12,000	-	-	11,400	3.34	19,000	5.57	22,800	6.68	803	1,459	1,981	13.0	20.8
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.69	21,000	6.15	25,200	7.39	898	1,649	2,254	12.7	20.5
	9	15	-	-	24	9,000	15,000	-	-	14,400	4.22	24,000	7.03	28,800	8.44	1,048	1,955	2,688	12.3	20.1
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.22	24,000	7.03	28,800	8.44	1,048	1,955	2,688	12.3	20.1
	7	18	-	-	25	7,000	18,000	-	-	15,000	4.40	25,000	7.33	30,000	8.79	1,100	2,065	2,865	12.1	19.9
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.75	27,000	7.91	32,400	9.50	1,204	2,286	3,218	11.8	19.6
	12	15	-	-	27	12,000	15,000	-	-	16,200	4.75	27,000	7.91	32,400	9.50	1,204	2,286	3,218	11.8	19.6
	12	18	-	-	30	11,480	17,220	-	-	17,220	5.05	28,700	8.41	35,000	10.26	1,290	2,481	3,797	11.6	19.4
	7	24	-	-	31	6,481	22,219	-	-	17,220	5.05	28,700	8.41	35,000	10.26	1,290	2,481	3,797	11.6	19.4
	9	24*	-	-	33	7,827	20,873	-	-	17,220	5.05	28,700	8.41	35,000	10.26	1,290	2,481	3,797	11.6	19.4
	15	18	-	-	33	13,045	15,655	-	-	17,220	5.05	28,700	8.41	35,000	10.26	1,290	2,481	3,797	11.6	19.4
	18*	18*	-	-	36	14,350	14,350	-	-	17,220	5.05	28,700	8.41	35,000	10.26	1,290	2,481	3,797	11.6	19.4
	12*	24*	-	-	36	9,567	19,133	-	-	17,220	5.05	28,700	8.41	35,000	10.26	1,290	2,481	3,797	11.6	19.4

\*Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

\*Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).  
 \*Wiring cable size must comply with the applicable local and national codes.  
 \*The specification may be subject to change without prior notice for purpose of improvement.  
 \*At least two indoor units should be connected.  
 \*Cannot be a VAHU, Mid Static Duct, or High Static Duct.

# MULTI F KUMXB301A

## Rated Cooling Combination Table

MULTI F  
MULTI F MAX

Table 11: KUMXB301A with Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER2	SEER2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Mixed Indoor Units</i>																				
Three Units	7	7	9	-	23	7,000	7,000	9,000	-	13,800	4.04	23,000	6.74	27,600	8.09	956	1,774	2,470	13.0	20.8
	7	9	9	-	25	7,000	9,000	9,000	-	15,000	4.40	25,000	7.33	30,000	8.79	1,049	1,960	2,762	12.8	20.6
	7	7	12	-	26	7,000	7,000	12,000	-	15,600	4.57	26,000	7.62	31,200	9.14	1,080	2,041	2,566	12.7	20.5
	9	9	9	-	27	9,000	9,000	9,000	-	16,200	4.75	27,000	7.91	32,400	9.50	1,143	2,172	3,057	12.4	20.3
	7	9	12	-	28	7,000	9,000	12,000	-	16,800	4.92	28,000	8.21	33,600	9.85	1,192	2,281	3,286	12.3	20.1
	9	9	12	-	30	8,610	8,610	11,480	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	7	9	15	-	31	6,481	8,332	13,887	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	7	12	12	-	31	6,481	11,110	11,110	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	7	7	18	-	32	6,278	6,278	16,144	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	9	9	15	-	33	7,827	7,827	13,045	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	9	12	12	-	33	7,827	10,436	10,436	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	7	9	18	-	34	5,909	7,597	15,194	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	7	12	15	-	34	5,909	10,129	12,662	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	9*	12*	15	-	36	7,175	9,567	11,958	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	12	12*	12*	-	36	9,567	9,567	9,567	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	9	9*	18*	-	36	7,175	7,175	14,350	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	7	12*	18*	-	37	5,430	9,308	13,962	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	9*	12*	18*	-	39	6,623	8,831	13,246	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	9*	15	15	-	39	6,623	11,038	11,038	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
	12*	12*	15	-	39	8,831	8,831	11,038	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0
7	9*	24*	-	40	5,023	6,458	17,220	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0	
7	15	18*	-	40	5,023	10,763	12,915	-	17,220	5.05	28,700	8.41	35,000	10.26	1,225	2,357	3,607	12.2	20.0	
Four Units	7	7	7	9	30	6,697	6,697	6,697	8,610	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3
	7	7	9	9	32	6,278	6,278	8,072	8,072	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3
	7	7	7	12	33	6,088	6,088	6,088	10,436	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3
	7	9	9	9*	34	5,909	7,597	7,597	7,597	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3
	7	7	9	12*	35	5,740	5,740	7,380	9,840	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3
	9	9*	9*	9*	36	7,175	7,175	7,175	7,175	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3
	7	9	9*	12*	37	5,430	6,981	6,981	9,308	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3
	7	7	9*	15	38	5,287	5,287	6,797	11,329	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3
	7	7	12*	12*	38	5,287	5,287	9,063	9,063	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3
	9*	9*	9*	12*	39	6,623	6,623	6,623	8,831	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3
	7	7	7	18*	39	5,151	5,151	5,151	13,246	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3
	7	9*	9*	15	40	5,023	6,458	6,458	10,763	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3
	7	9*	12*	12*	40	5,023	6,458	8,610	8,610	17,220	5.05	28,700	8.41	35,000	10.26	1,194	2,297	3,515	12.5	20.3

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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



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Table 12: KUMXB301A with Non-Ducted Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Non-Ducted Indoor Units</i>																				
Two Units	7	7	-	-	14	8,100	8,100	-	-	10,080	2.95	16,200	4.75	20,160	5.91	546	989	1,426	4.8	9.3
	7	9	-	-	16	8,100	10,900	-	-	11,520	3.38	19,000	5.57	23,040	6.75	641	1,224	1,725	4.5	9.2
	9	9	-	-	18	10,800	10,800	-	-	12,960	3.80	21,600	6.33	25,920	7.60	747	1,463	2,055	4.3	9.1
	7	12	-	-	19	8,100	13,600	-	-	13,680	4.01	21,700	6.36	27,360	8.02	796	1,473	2,231	4.3	9.0
	9	12	-	-	21	9,900	13,200	-	-	15,120	4.43	23,100	6.77	30,240	8.86	903	1,607	2,611	4.2	8.9
	7	15	-	-	22	8,100	15,600	-	-	15,840	4.64	23,700	6.95	31,680	9.28	958	1,671	2,819	4.2	8.9
	9	15	-	-	24	10,900	15,600	-	-	17,280	5.06	26,500	7.77	34,560	10.13	1,077	1,972	3,178	3.9	8.8
	12	12	-	-	24	13,600	13,600	-	-	17,280	5.06	27,200	7.97	34,560	10.13	1,077	2,054	3,178	3.9	8.8
	7	18	-	-	25	7,784	20,016	-	-	18,000	5.28	27,800	8.15	36,000	10.55	1,138	2,124	3,349	3.8	8.7
	9	18	-	-	27	9,733	19,467	-	-	19,200	5.63	29,200	8.56	38,400	11.25	1,241	2,289	3,349	3.7	8.6
	12	15	-	-	27	13,600	15,600	-	-	19,200	5.63	29,200	8.56	38,400	11.25	1,241	2,289	3,349	3.7	8.6
	12	18	-	-	30	12,480	18,720	-	-	19,200	5.63	31,200	9.14	38,400	11.25	1,241	2,546	3,349	3.6	8.6
	15	15	-	-	30	15,600	15,600	-	-	19,200	5.63	31,200	9.14	38,400	11.25	1,241	2,546	3,349	3.6	8.6
	7	24	-	-	31	7,226	24,774	-	-	19,200	5.63	32,000	9.38	38,400	11.25	1,241	2,648	3,349	3.5	8.6
	9	24	-	-	33	8,727	23,273	-	-	19,200	5.63	32,000	9.38	38,400	11.25	1,241	2,648	3,349	3.5	8.6
15	18	-	-	33	14,545	17,455	-	-	19,200	5.63	32,000	9.38	38,400	11.25	1,241	2,648	3,349	3.5	8.6	
18	18	-	-	36	16,000	16,000	-	-	19,200	5.63	32,000	9.38	38,400	11.25	1,241	2,648	3,349	3.5	8.6	
12	24	-	-	36	10,667	21,333	-	-	19,200	5.63	32,000	9.38	38,400	11.25	1,241	2,648	3,349	3.5	8.6	
15	24	-	-	39	12,308	19,692	-	-	19,200	5.63	32,000	9.38	38,400	11.25	1,241	2,648	3,349	3.5	8.6	
Three Units	7	7	7	-	21	8,100	8,100	8,100	-	15,120	4.43	24,300	7.12	30,240	8.86	849	1,630	2,454	4.4	9.2
	7	7	9	-	23	8,100	8,100	10,800	-	16,560	4.85	27,000	7.91	33,120	9.71	952	1,909	2,815	4.1	9.2
	7	9	9	-	25	8,064	10,368	10,368	-	18,000	5.28	28,800	8.44	36,000	10.55	1,053	2,106	3,148	4.0	9.2
	7	7	12	-	26	8,100	8,100	13,600	-	18,720	5.49	29,800	8.73	37,440	10.97	1,110	2,224	3,148	3.9	9.2
	9	9	9	-	27	10,133	10,133	10,133	-	19,200	5.63	30,400	8.91	38,400	11.25	1,151	2,296	3,148	3.9	9.2
	7	9	12	-	28	7,750	9,964	13,286	-	19,200	5.63	31,000	9.09	38,400	11.25	1,151	2,369	3,148	3.8	9.2
	7	7	15	-	29	8,000	8,000	15,600	-	19,200	5.63	31,600	9.26	38,400	11.25	1,151	2,441	3,148	3.8	9.2
	9	9	12	-	30	9,600	9,600	12,800	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
	7	9	15	-	31	7,226	9,290	15,484	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
	7	12	12	-	31	7,226	12,387	12,387	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
	7	7	18	-	32	7,000	7,000	18,000	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
	9	9	15	-	33	8,727	8,727	14,545	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
	9	12	12	-	33	8,727	11,636	11,636	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
	7	9	18	-	34	6,588	8,471	16,941	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
	7	12	15	-	34	6,588	11,294	14,118	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
	9	12	15	-	36	8,000	10,667	13,333	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
	12	12	12	-	36	10,667	10,667	10,667	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
	9	9	18	-	36	8,000	8,000	16,000	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
	7	12	18	-	37	6,054	10,378	15,568	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
	7	15	15	-	37	6,054	12,973	12,973	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2
7	7	24	-	38	5,895	5,895	20,211	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2	
9	12	18	-	39	7,385	9,846	14,769	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2	
9	15	15	-	39	7,385	12,308	12,308	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2	
12	12	15	-	39	9,846	9,846	12,308	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2	
7	9	24	-	40	5,600	7,200	19,200	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2	
7	15	18	-	40	5,600	12,000	14,400	-	19,200	5.63	32,000	9.38	38,400	11.25	1,151	2,489	3,148	3.8	9.2	

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

# MULTI F KUMXB301A

MULTI F  
MULTI F MAX

## Rated Heating Combination Table

Table 13: KUMXB301A with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Non-Ducted Indoor Units</i>																				
Four Units	7	7	7	7	28	8,000	8,000	8,000	8,000	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
	7	7	7	9	30	7,467	7,467	7,467	9,600	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
	7	7	9	9	32	7,000	7,000	9,000	9,000	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
	7	7	7	12	33	6,788	6,788	6,788	11,636	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
	7	9	9	9	34	6,588	8,471	8,471	8,471	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
	7	7	9	12	35	6,400	6,400	8,229	10,971	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
	7	7	7	15	36	6,222	6,222	6,222	13,333	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
	9	9	9	9	36	8,000	8,000	8,000	8,000	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
	7	9	9	12	37	6,054	7,784	7,784	10,378	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
	7	7	9	15	38	5,895	5,895	7,579	12,632	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
	9	9	9	12	39	7,385	7,385	7,385	9,846	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
	7	7	7	18	39	5,744	5,744	5,744	14,769	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
	7	9	9	15	40	5,600	7,200	7,200	12,000	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5
7	9	12	12	40	5,600	7,200	9,600	9,600	19,200	5.63	32,000	9.38	38,400	11.25	1,005	2,340	2,959	4.0	9.5	
<i>Ducted Indoor Units</i>																				
Two Units	9	9	-	-	18	10,800	10,800	-	-	12,960	3.80	21,600	6.33	25,920	7.60	779	1,527	2,151	4.1	8.9
	9	12	-	-	21	9,900	13,200	-	-	15,120	4.43	23,100	6.77	30,240	8.86	939	1,682	2,718	4.0	8.7
	12	12	-	-	24	13,600	13,600	-	-	17,280	5.06	27,200	7.97	34,560	10.13	1,125	2,142	3,283	3.7	8.6
	9	18	-	-	27	9,733	19,467	-	-	18,000	5.28	29,200	8.56	36,000	10.55	1,184	2,393	3,518	3.6	8.5
	12	18	-	-	30	12,000	18,000	-	-	18,000	5.28	30,000	8.79	36,000	10.55	1,184	2,494	3,518	3.5	8.5
18*	18*	-	-	36	15,000	15,000	-	-	18,000	5.28	30,000	8.79	36,000	10.55	1,184	2,494	3,518	3.5	8.5	
Three Units	9	9	9	-	27	10,000	10,000	10,000	-	18,000	5.28	30,000	8.79	36,000	10.55	1,113	2,344	3,307	3.8	8.8
	9	9	12	-	30	9,000	9,000	12,000	-	18,000	5.28	30,000	8.79	36,000	10.55	1,113	2,344	3,307	3.8	8.8
	9	12	12*	-	33	8,182	10,909	10,909	-	18,000	5.28	30,000	8.79	36,000	10.55	1,113	2,344	3,307	3.8	8.8
	12	12*	12*	-	36	10,000	10,000	10,000	-	18,000	5.28	30,000	8.79	36,000	10.55	1,113	2,344	3,307	3.8	8.8
	9	9*	18*	-	36	7,500	7,500	15,000	-	18,000	5.28	30,000	8.79	36,000	10.55	1,113	2,344	3,307	3.8	8.8
Four Units	9*	12*	18*	-	39	6,923	9,231	13,846	-	18,000	5.28	30,000	8.79	36,000	10.55	1,113	2,344	3,307	3.8	8.8
	9	9*	9*	9*	36	7,500	7,500	7,500	7,500	18,000	5.28	30,000	8.79	36,000	10.55	1,113	2,344	3,307	3.8	8.8
9*	9*	9*	12*	39	6,923	6,923	6,923	9,231	18,000	5.28	30,000	8.79	36,000	10.55	1,113	2,344	3,307	3.8	8.8	
<i>Mixed Indoor Units</i>																				
Two Units	7	9	-	-	16	8,100	10,800	-	-	11,520	3.38	18,900	5.54	23,040	6.75	663	1,258	1,788	4.4	9.1
	9	9	-	-	18	10,800	10,800	-	-	12,960	3.80	21,600	6.33	25,920	7.60	763	1,495	2,103	4.2	9.0
	7	12	-	-	19	8,100	13,600	-	-	13,680	4.01	21,700	6.36	27,360	8.02	816	1,506	2,290	4.2	8.9
	9	12	-	-	21	10,550	13,600	-	-	15,120	4.43	23,100	6.77	30,240	8.86	921	1,645	2,664	4.1	8.8
	9	15	-	-	24	10,900	15,600	-	-	17,280	5.06	26,500	7.77	34,560	10.13	1,101	2,030	3,231	3.8	8.7
	12	12	-	-	24	13,600	13,600	-	-	17,280	5.06	27,200	7.97	34,560	10.13	1,101	2,098	3,231	3.8	8.7
	7	18	-	-	25	7,784	20,016	-	-	18,000	5.28	27,800	8.15	36,000	10.55	1,138	2,171	3,299	3.8	8.6
	9	18	-	-	27	9,733	19,467	-	-	18,600	5.45	29,200	8.56	37,200	10.90	1,213	2,341	3,434	3.7	8.6
	12	15	-	-	27	13,600	15,600	-	-	18,600	5.45	29,200	8.56	37,200	10.90	1,213	2,341	3,434	3.7	8.6
	12	18	-	-	30	12,240	18,360	-	-	18,600	5.45	30,600	8.97	37,200	10.90	1,213	2,520	3,434	3.6	8.6
	7	24	-	-	31	7,000	24,000	-	-	18,600	5.45	31,000	9.09	37,200	10.90	1,213	2,571	3,434	3.5	8.6
	9	24*	-	-	33	8,455	22,545	-	-	18,600	5.45	31,000	9.09	37,200	10.90	1,213	2,571	3,434	3.5	8.6
	15	18	-	-	33	14,091	16,909	-	-	18,600	5.45	31,000	9.09	37,200	10.90	1,213	2,571	3,434	3.5	8.6
	18*	18*	-	-	36	15,500	15,500	-	-	18,600	5.45	31,000	9.09	37,200	10.90	1,213	2,571	3,434	3.5	8.6
	12*	24*	-	-	36	10,333	20,667	-	-	18,600	5.45	31,000	9.09	37,200	10.90	1,213	2,496	3,434	3.6	8.6

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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



Table 14: KUMXB301A with Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF2	
										Minimum		Rated		Maximum		Min.	Rated	Max.			
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW						
<i>Mixed Indoor Units</i>																					
Three Units	7	7	9	-	23	8,100	8,100	10,800	-	16,560	4.85	27,000	7.91	33,120	9.71	980	1,950	2,900	4.1	9.1	
	7	9	9	-	25	7,980	10,260	10,260	-	17,280	5.06	28,500	8.35	34,560	10.13	1,032	2,127	3,061	3.9	9.0	
	7	7	12	-	26	8,023	8,023	13,754	-	18,600	5.45	29,800	8.73	37,200	10.90	1,132	2,284	3,228	3.8	8.9	
	9	9	9	-	27	10,067	10,067	10,067	-	18,600	5.45	30,200	8.85	37,200	10.90	1,132	2,320	3,228	3.8	8.9	
	7	9	12	-	28	7,750	9,964	13,286	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	9	9	12	-	30	9,300	9,300	12,400	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	7	9	15	-	31	7,000	9,000	15,000	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	7	12	12	-	31	7,000	12,000	12,000	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	7	7	18	-	32	6,781	6,781	17,438	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	9	9	15	-	33	8,455	8,455	14,091	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	9	12	12	-	33	8,455	11,273	11,273	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	7	9	18	-	34	6,382	8,206	16,412	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	7	12	15	-	34	6,382	10,941	13,676	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	9*	12*	15	-	36	7,750	10,333	12,917	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	12	12*	12*	-	36	10,333	10,333	10,333	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	9	9*	18*	-	36	7,750	7,750	15,500	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	7	12*	18*	-	37	5,865	10,054	15,081	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	9*	12*	18*	-	39	7,154	9,538	14,308	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	9*	15	15	-	39	7,154	11,923	11,923	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
	12*	12*	15	-	39	9,538	9,538	11,923	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9	
7	9*	24*	-	40	5,425	6,975	18,600	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9		
7	15	18*	-	40	5,425	11,625	13,950	-	18,600	5.45	31,000	9.09	37,200	10.90	1,132	2,417	3,228	3.8	8.9		
Four Units	7	7	7	9	30	7,233	7,233	7,233	9,300	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	
	7	7	9	9	32	6,781	6,781	8,719	8,719	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	
	7	7	7	12	33	6,576	6,576	6,576	11,273	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	
	7	9	9	9*	34	6,382	8,206	8,206	8,206	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	
	7	7	9	12*	35	6,200	6,200	7,971	10,629	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	
	9	9*	9*	9*	36	7,750	7,750	7,750	7,750	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	
	7	9	9*	12*	37	5,865	7,541	7,541	10,054	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	
	7	7	9*	15*	38	5,711	5,711	7,342	12,237	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	
	7	7	12*	12*	38	5,711	5,711	9,789	9,789	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	
	9*	9*	9*	12*	39	7,154	7,154	7,154	9,538	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	
	7	7	7	18	39	5,564	5,564	5,564	14,308	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	
	7	9*	9*	15	40	5,425	6,975	6,975	11,625	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	
	7	9*	12*	12*	40	5,425	6,975	9,300	9,300	18,600	5.45	31,000	9.09	37,200	10.90	1,059	2,342	3,133	3.9	8.9	

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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

# MULTI F KUMXB361A

MULTI F  
MULTI F MAX

## Rated Cooling Combination Table

Table 15: KUMXB361A with Non-Ducted Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER2	SEER2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Non-Ducted Indoor Units</i>																				
Two Units	7	7	-	-	14	7,000	7,000	-	-	8,400	2.46	14,000	4.10	16,800	4.92	561	992	1,325	14.1	22.8
	7	9	-	-	16	7,000	9,000	-	-	9,600	2.81	16,000	4.69	19,200	5.63	649	1,158	1,555	13.8	22.7
	9	9	-	-	18	9,000	9,000	-	-	10,800	3.17	18,000	5.28	21,600	6.33	740	1,330	1,796	13.5	22.5
	7	12	-	-	19	7,000	12,000	-	-	11,400	3.34	19,000	5.57	22,800	6.68	786	1,421	1,924	13.4	22.4
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.69	21,000	6.15	25,200	7.39	879	1,604	2,188	13.1	22.2
	7	15	-	-	22	7,000	15,000	-	-	13,200	3.87	22,000	6.45	26,400	7.74	928	1,703	2,325	12.9	22.1
	9	15	-	-	24	9,000	15,000	-	-	14,400	4.22	24,000	7.03	28,800	8.44	1,024	1,899	2,616	12.6	21.8
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.22	24,000	7.03	28,800	8.44	1,024	1,899	2,616	12.6	21.8
	7	18	-	-	25	7,000	18,000	-	-	15,000	4.40	25,000	7.33	30,000	8.79	1,073	2,005	2,764	12.5	21.6
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.75	27,000	7.91	32,400	9.50	1,175	2,216	3,090	12.2	21.3
	12	15	-	-	27	12,000	15,000	-	-	16,200	4.75	27,000	7.91	32,400	9.50	1,175	2,216	3,090	12.2	21.3
	12	18	-	-	30	12,000	18,000	-	-	18,000	5.28	30,000	8.79	36,000	10.55	1,330	2,560	3,861	11.7	20.7
	15	15	-	-	30	15,000	15,000	-	-	18,000	5.28	30,000	8.79	36,000	10.55	1,330	2,560	3,861	11.7	20.7
	7	24	-	-	31	7,000	24,000	-	-	18,600	5.45	31,000	9.09	36,000	10.55	1,385	2,685	3,861	11.5	20.6
	9	24	-	-	33	8,945	23,855	-	-	19,620	5.75	32,800	9.61	36,000	10.55	1,476	2,899	3,861	11.3	20.5
	15	18	-	-	33	14,909	17,891	-	-	19,620	5.75	32,800	9.61	36,000	10.55	1,476	2,899	3,861	11.3	20.5
	18	18	-	-	36	16,400	16,400	-	-	19,620	5.75	32,800	9.61	36,000	10.55	1,476	2,899	3,861	11.3	20.5
	12	24	-	-	36	10,933	21,867	-	-	19,620	5.75	32,800	9.61	36,000	10.55	1,476	2,899	3,861	11.3	20.5
	15	24	-	-	39	12,615	20,185	-	-	19,620	5.75	32,800	9.61	36,000	10.55	1,476	2,899	3,861	11.3	20.5
	18	24	-	-	42	14,057	18,743	-	-	19,620	5.75	32,800	9.61	36,000	10.55	1,476	2,899	3,861	11.3	20.5
24	24	-	-	48	16,400	16,400	-	-	19,620	5.75	32,800	9.61	36,000	10.55	1,476	2,899	3,861	11.3	20.5	
Three Units	7	7	7	-	21	7,000	7,000	7,000	-	12,600	3.69	21,000	6.15	25,200	7.39	835	1,524	2,079	13.8	22.8
	7	7	9	-	23	7,000	7,000	9,000	-	13,800	4.04	23,000	6.74	27,600	8.09	927	1,711	2,344	13.4	22.5
	7	9	9	-	25	7,000	9,000	9,000	-	15,000	4.40	25,000	7.33	30,000	8.79	1,019	1,905	2,626	13.1	22.2
	7	7	12	-	26	7,000	7,000	12,000	-	15,600	4.57	26,000	7.62	31,200	9.14	1,068	2,005	2,781	13.0	22.0
	9	9	9	-	27	9,000	9,000	9,000	-	16,200	4.75	27,000	7.91	32,400	9.50	1,117	2,105	2,935	12.8	21.9
	7	9	12	-	28	7,000	9,000	12,000	-	16,800	4.92	28,000	8.21	33,600	9.85	1,165	2,214	3,153	12.6	21.7
	7	7	15	-	29	7,000	7,000	15,000	-	17,400	5.10	29,000	8.50	34,800	10.20	1,214	2,323	3,394	12.5	21.6
	9	9	12	-	30	9,000	9,000	12,000	-	18,000	5.28	30,000	8.79	36,000	10.55	1,263	2,432	3,668	12.3	21.4
	7	9	15	-	31	7,000	9,000	15,000	-	18,600	5.45	31,000	9.09	37,200	10.90	1,315	2,551	3,900	12.2	21.3
	7	12	12	-	31	7,000	12,000	12,000	-	18,600	5.45	31,000	9.09	37,200	10.90	1,315	2,551	3,900	12.2	21.3
	7	7	18	-	32	7,000	7,000	18,000	-	19,200	5.63	32,000	9.38	38,400	11.25	1,368	2,670	3,900	12.0	21.1
	9	9	15	-	33	8,945	8,945	14,909	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	9	12	12	-	33	8,945	11,927	11,927	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	7	9	18	-	34	6,753	8,682	17,365	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	7	12	15	-	34	6,753	11,576	14,471	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	9	12	15	-	36	8,200	10,933	13,667	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	12	12	12	-	36	10,933	10,933	10,933	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	9	9	18	-	36	8,200	8,200	16,400	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	7	12	18	-	37	6,205	10,638	15,957	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	7	15	15	-	37	6,205	13,297	13,297	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
7	7	24	-	38	6,042	6,042	20,716	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0	
9	12	18	-	39	7,569	10,092	15,138	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0	
9	15	15	-	39	7,569	12,615	12,615	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0	
12	12	15	-	39	10,092	10,092	12,615	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0	
7	9	24	-	40	5,740	7,380	19,680	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0	
7	15	18	-	40	5,740	12,300	14,760	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0	
12	12	18	-	42	9,371	9,371	14,057	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0	
9	9	24	-	42	7,029	7,029	18,743	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0	

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.



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Table 16: KUMXB361A with Non-Ducted Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER2	SEER2
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Non-Ducted Indoor Units</i>																				
Three Units	9	15	18	-	42	7,029	11,714	14,057	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	12	15	15	-	42	9,371	11,714	11,714	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	7	18	18	-	43	5,340	13,730	13,730	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	7	12	24	-	43	5,340	9,153	18,307	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	9	18	18	-	45	6,560	13,120	13,120	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	9	12	24	-	45	6,560	8,747	17,493	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	12	15	18	-	45	8,747	10,933	13,120	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	15	15	15	-	45	10,933	10,933	10,933	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	7	15	24	-	46	4,991	10,696	17,113	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	9	15	24	-	48	6,150	10,250	16,400	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	12	18	18	-	48	8,200	12,300	12,300	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
	12	12	24	-	48	8,200	8,200	16,400	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0
15	15	18	-	48	10,250	10,250	12,300	-	19,620	5.75	32,800	9.61	38,400	11.25	1,402	2,754	3,900	11.9	21.0	
Four Units	7	7	7	7	28	7,000	7,000	7,000	7,000	16,800	4.92	28,000	8.21	33,600	9.85	1,107	2,103	2,995	13.3	22.3
	7	7	7	9	30	7,000	7,000	7,000	9,000	18,000	5.28	30,000	8.79	36,000	10.55	1,200	2,310	3,484	13.0	22.0
	7	7	9	9	32	7,000	7,000	9,000	9,000	19,200	5.63	32,000	9.38	38,400	11.25	1,299	2,537	3,900	12.6	21.7
	7	7	7	12	33	6,958	6,958	6,958	11,927	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	9	9	9	34	6,753	8,682	8,682	8,682	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	7	9	12	35	6,560	6,560	8,434	11,246	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	7	7	15	36	6,378	6,378	6,378	13,667	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	9	9	9	9	36	8,200	8,200	8,200	8,200	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	9	9	12	37	6,205	7,978	7,978	10,638	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	7	9	15	38	6,042	6,042	7,768	12,947	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	7	12	12	38	6,042	6,042	10,358	10,358	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	9	9	9	12	39	7,569	7,569	7,569	10,092	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	7	7	18	39	5,887	5,887	5,887	15,138	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	9	9	15	40	5,740	7,380	7,380	12,300	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	9	12	12	40	5,740	7,380	9,840	9,840	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	7	12	15	41	5,600	5,600	9,600	12,000	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	7	9	18	41	5,600	5,600	7,200	14,400	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	9	9	9	15	42	7,029	7,029	7,029	11,714	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	9	9	12	12	42	7,029	7,029	9,371	9,371	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	9	12	15	43	5,340	6,865	9,153	11,442	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	12	12	12	43	5,340	9,153	9,153	9,153	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	9	9	18	43	5,340	6,865	6,865	13,730	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	7	12	18	44	5,218	5,218	8,945	13,418	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	7	15	15	44	5,218	5,218	11,182	11,182	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	9	9	12	15	45	6,560	6,560	8,747	10,933	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	9	12	12	12	45	6,560	8,747	8,747	8,747	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	9	9	9	18	45	6,560	6,560	6,560	13,120	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	7	7	24	45	5,102	5,102	5,102	17,493	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	9	12	18	46	4,991	6,417	8,557	12,835	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	9	15	15	46	4,991	6,417	10,696	10,696	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	12	12	15	46	4,991	8,557	8,557	10,696	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
	7	7	9	24	47	4,885	4,885	6,281	16,749	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5
7	7	15	18	47	4,885	4,885	10,468	12,562	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5	
9	9	15	15	48	6,150	6,150	10,250	10,250	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5	
12	12	12	12	48	8,200	8,200	8,200	8,200	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5	
9	9	12	18	48	6,150	6,150	8,200	12,300	19,620	5.75	32,800	9.61	38,400	11.25	1,332	2,624	3,900	12.5	21.5	

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.



# MULTI F KUMXB361A

## Rated Cooling Combination Table

MULTI F  
MULTI F MAX

Table 17: KUMXB361A with Ducted Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER2	SEER2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Ducted Indoor Units</i>																				
Two Units	9	9	-	-	18	9,000	9,000	-	-	10,800	3.17	18,000	5.28	21,600	6.33	772	1,398	1,894	12.9	19.4
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.69	21,000	6.15	25,200	7.39	917	1,693	2,319	12.4	18.9
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.22	24,000	7.03	28,800	8.44	1,072	2,012	2,760	11.9	18.5
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.75	27,000	7.91	32,400	9.50	1,232	2,357	3,346	11.5	18.0
	12	18	-	-	30	12,000	18,000	-	-	18,000	5.28	30,000	8.79	34,000	9.96	1,398	2,686	3,733	11.2	17.6
	9	24	-	-	33	8,400	22,400	-	-	18,420	5.40	30,800	9.03	34,000	9.96	1,435	2,762	3,733	11.2	17.5
	18	18	-	-	36	15,400	15,400	-	-	18,420	5.40	30,800	9.03	34,000	9.96	1,435	2,762	3,733	11.2	17.5
	12	24	-	-	36	10,267	20,533	-	-	18,420	5.40	30,800	9.03	34,000	9.96	1,435	2,762	3,733	11.2	17.5
Three Units	9	9	9	-	27	9,000	9,000	9,000	-	16,200	4.75	27,000	7.91	32,400	9.50	1,170	2,239	3,179	12.1	18.5
	9	9	12	-	30	9,000	9,000	12,000	-	18,000	5.28	30,000	8.79	36,000	10.55	1,328	2,552	3,900	11.8	18.0
	9	12	12	-	33	8,400	11,200	11,200	-	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
	12	12	12	-	36	10,267	10,267	10,267	-	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
	9	9	18	-	36	7,700	7,700	15,400	-	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
	9	12	18	-	39	7,108	9,477	14,215	-	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
	12	12*	18*	-	42	8,800	8,800	13,200	-	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
	9	18*	18*	-	45	6,160	12,320	12,320	-	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
	12*	18*	18*	-	48	7,700	11,550	11,550	-	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
Four Units	9	9	9	9	36	7,700	7,700	7,700	7,700	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
	9	9	9	12	39	7,108	7,108	7,108	9,477	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
	9	9	12*	12*	42	6,600	6,600	8,800	8,800	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
	9	12*	12*	12*	45	6,160	8,213	8,213	8,213	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
	9	9*	9*	18*	45	6,160	6,160	6,160	12,320	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
	12*	12*	12*	12*	48	7,700	7,700	7,700	7,700	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0
	9*	9*	12*	18*	48	5,775	5,775	7,700	11,550	18,420	5.40	30,800	9.03	36,000	10.55	1,363	2,632	3,900	11.7	18.0

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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

Table 18: KUMXB361A with Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER2	SEER2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Mixed Indoor Units</i>																				
Two Units	7	9	-	-	16	7,000	9,000	-	-	9,600	2.81	16,000	4.69	19,200	5.63	667	1,195	1,610	13.4	21.3
	9	9	-	-	18	9,000	9,000	-	-	10,800	3.17	18,000	5.28	21,600	6.33	756	1,364	1,845	13.2	21.0
	7	12	-	-	19	7,000	12,000	-	-	11,400	3.34	19,000	5.57	22,800	6.68	803	1,459	1,981	13.0	20.8
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.69	21,000	6.15	25,200	7.39	898	1,649	2,254	12.7	20.5
	9	15	-	-	24	9,000	15,000	-	-	14,400	4.22	24,000	7.03	28,800	8.44	1,048	1,955	2,688	12.3	20.1
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.22	24,000	7.03	28,800	8.44	1,048	1,955	2,688	12.3	20.1
	7	18	-	-	25	7,000	18,000	-	-	15,000	4.40	25,000	7.33	30,000	8.79	1,100	2,065	2,865	12.1	19.9
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.75	27,000	7.91	32,400	9.50	1,204	2,286	3,218	11.8	19.6
	12	15	-	-	27	12,000	15,000	-	-	16,200	4.75	27,000	7.91	32,400	9.50	1,204	2,286	3,218	11.8	19.6
	12	18	-	-	30	12,000	18,000	-	-	18,000	5.28	30,000	8.79	35,000	10.26	1,364	2,623	3,797	11.4	19.2
	7	24	-	-	31	6,977	23,923	-	-	18,510	5.42	30,900	9.06	35,000	10.26	1,410	2,724	3,797	11.3	19.0
	9	24	-	-	33	8,673	23,127	-	-	18,510	5.42	31,800	9.32	35,000	10.26	1,410	2,830	3,797	11.2	18.9
	15	18	-	-	33	14,455	17,345	-	-	18,510	5.42	31,800	9.32	35,000	10.26	1,410	2,830	3,797	11.2	18.9
	18	18	-	-	36	15,900	15,900	-	-	18,510	5.42	31,800	9.32	35,000	10.26	1,410	2,830	3,797	11.2	18.9
	12	24	-	-	36	10,600	21,200	-	-	18,510	5.42	31,800	9.32	35,000	10.26	1,410	2,830	3,797	11.2	18.9
	15	24	-	-	39	12,231	19,569	-	-	18,510	5.42	31,800	9.32	35,000	10.26	1,410	2,830	3,797	11.2	18.9
	18	24	-	-	42	13,629	18,171	-	-	18,510	5.42	31,800	9.32	35,000	10.26	1,410	2,830	3,797	11.2	18.9
	Three Units	7	7	9	-	23	7,000	7,000	9,000	-	13,800	4.04	23,000	6.74	27,600	8.09	956	1,774	2,470	13.0
7		9	9	-	25	7,000	9,000	9,000	-	15,000	4.40	25,000	7.33	30,000	8.79	1,049	1,975	2,762	12.7	20.6
7		7	12	-	26	7,000	7,000	12,000	-	15,600	4.57	26,000	7.62	31,200	9.14	1,080	2,041	2,566	12.7	20.4
9		9	9	-	27	9,000	9,000	9,000	-	16,200	4.75	27,000	7.91	32,400	9.50	1,143	2,172	3,057	12.4	20.3
7		9	12	-	28	7,000	9,000	12,000	-	16,800	4.92	28,000	8.21	33,600	9.85	1,192	2,281	3,286	12.3	20.1
9		9	12	-	30	9,000	9,000	12,000	-	18,000	5.28	30,000	8.79	36,000	10.55	1,296	2,492	3,784	12.0	19.8
7		9	15	-	31	6,977	8,971	14,952	-	18,510	5.42	30,900	9.06	36,600	10.73	1,339	2,591	3,900	11.9	19.7
7		12	12	-	31	6,977	11,961	11,961	-	18,510	5.42	30,900	9.06	36,600	10.73	1,339	2,591	3,900	11.9	19.7
7		7	18	-	32	6,869	6,869	17,663	-	18,810	5.51	31,400	9.20	37,200	10.90	1,365	2,651	3,900	11.8	19.5
9		9	15	-	33	8,673	8,673	14,455	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
9		12	12	-	33	8,673	11,564	11,564	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
7		9	18	-	34	6,547	8,418	16,835	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
7		12	15	-	34	6,547	11,224	14,029	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
9		12	15	-	36	7,950	10,600	13,250	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
12		12	12	-	36	10,600	10,600	10,600	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
9		9	18	-	36	7,950	7,950	15,900	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
7		12	18	-	37	6,016	10,314	15,470	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
7		7	24	-	38	5,858	5,858	20,084	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
9		12	18	-	39	7,338	9,785	14,677	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
9		15	15	-	39	7,338	12,231	12,231	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
12		12	15	-	39	9,785	9,785	12,231	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
7		9	24	-	40	5,565	7,155	19,080	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
7		15	18	-	40	5,565	11,925	14,310	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
12		12*	18*	-	42	9,086	9,086	13,629	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
9		9	24*	-	42	6,793	6,793	18,114	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
9		15	18*	-	42	6,814	11,357	13,629	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
12		15	15	-	42	9,086	11,357	11,357	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
7	18*	18*	-	43	5,177	13,312	13,312	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5	
7	12	24*	-	43	5,160	8,847	17,693	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5	
9	18*	18*	-	45	6,360	12,720	12,720	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5	
9	12*	24*	-	45	6,340	8,453	16,907	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5	

\*Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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

# MULTI F KUMXB361A

MULTI F  
MULTI F MAX

## Rated Cooling Combination Table

Table 19: KUMXB361A with Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER2	SEER2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Mixed Indoor Units</i>																				
Three Units	12*	15	18	-	45	8,480	10,600	12,720	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
	9*	15	24*	-	48	5,944	9,906	15,850	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
	12*	18*	18*	-	48	7,950	11,925	11,925	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
	12*	12*	24*	-	48	7,925	7,925	15,850	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
	15	15	18*	-	48	9,938	9,938	11,925	-	19,020	5.57	31,800	9.32	37,200	10.90	1,383	2,693	3,900	11.8	19.5
Four Units	7	7	7	9	30	7,000	7,000	7,000	9,000	18,000	5.28	30,000	8.79	36,000	10.55	1,258	2,400	3,710	12.5	20.0
	7	7	9	9	32	6,956	6,956	8,944	8,944	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	7	7	12	33	6,745	6,745	6,745	11,564	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	9	9	9	34	6,547	8,418	8,418	8,418	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	7	9	12	35	6,360	6,360	8,177	10,903	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	9	9	9	9	36	7,950	7,950	7,950	7,950	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	9	9	12	37	6,016	7,735	7,735	10,314	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	7	9	15	38	5,858	5,858	7,532	12,553	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	7	12	12	38	5,858	5,858	10,042	10,042	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	9	9	9	12	39	7,338	7,338	7,338	9,785	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	7	7	18	39	5,708	5,708	5,708	14,677	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	9	9	15	40	5,565	7,155	7,155	11,925	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	9	12	12	40	5,565	7,155	9,540	9,540	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	7	12	15	41	5,429	5,429	9,307	11,634	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	7	9	18*	41	5,429	5,429	6,980	13,961	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	9	9	9*	15	42	6,814	6,814	6,814	11,357	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	9	9	12*	12*	42	6,814	6,814	9,086	9,086	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	9	12*	15	43	5,177	6,656	8,874	11,093	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	12	12*	12*	43	5,177	8,874	8,874	8,874	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	9	9*	18*	43	5,177	6,656	6,656	13,312	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	7	12	18*	44	5,059	5,059	8,673	13,009	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	9	9*	12*	15*	45	6,360	6,360	8,480	10,600	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	9	12*	12*	12*	45	6,360	8,480	8,480	8,480	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	9	9*	9*	18*	45	6,360	6,360	6,360	12,720	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	9*	12*	18*	46	4,839	6,222	8,296	12,443	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	9*	15	15	46	4,839	6,222	10,370	10,370	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
	7	12*	12*	15	46	4,839	8,296	8,296	10,370	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8
7	7	9*	24*	47	4,721	4,721	6,070	16,187	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8	
7	7	15	18*	47	4,736	4,736	10,149	12,179	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8	
9*	9*	15	15	48	5,963	5,963	9,938	9,938	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8	
12*	12*	12*	12*	48	7,950	7,950	7,950	7,950	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8	
9*	9*	12*	18*	48	5,963	5,963	7,950	11,925	19,020	5.57	31,800	9.32	37,200	10.90	1,348	2,628	3,900	12.1	19.8	

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

KUMXB181A: 16.4 ft. x 2 = 32.8 ft.

KUMXB241A: 16.4 ft. x 3 = 49.2 ft.

KUMXB301A: 16.4 ft. x 4 = 65.6 ft.

KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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

Table 20: KUMXB361A with Non-Ducted Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Non-Ducted Indoor Units</i>																				
Two Units	7	7	-	-	14	8,100	8,100	-	-	10,080	2.95	16,200	4.75	20,160	5.91	546	989	1,426	4.8	9.3
	7	9	-	-	16	8,100	10,900	-	-	11,520	3.38	19,000	5.57	23,040	6.75	641	1,224	1,725	4.5	9.2
	9	9	-	-	18	10,800	10,800	-	-	12,960	3.80	21,600	6.33	25,920	7.60	747	1,463	2,055	4.3	9.1
	7	12	-	-	19	8,100	13,600	-	-	13,680	4.01	21,700	6.36	27,360	8.02	796	1,473	2,231	4.3	9.0
	9	12	-	-	21	9,900	13,200	-	-	15,120	4.43	23,100	6.77	30,240	8.86	903	1,607	2,611	4.2	8.9
	7	15	-	-	22	8,100	15,600	-	-	15,840	4.64	23,700	6.95	31,680	9.28	958	1,671	2,819	4.2	8.9
	9	15	-	-	24	10,900	15,600	-	-	17,280	5.06	26,500	7.77	34,560	10.13	1,077	1,972	3,178	3.9	8.8
	12	12	-	-	24	13,600	13,600	-	-	17,280	5.06	27,200	7.97	34,560	10.13	1,077	2,054	3,178	3.9	8.8
	7	18	-	-	25	7,784	20,016	-	-	18,000	5.28	27,800	8.15	36,000	10.55	1,138	2,124	3,349	3.8	8.7
	9	18	-	-	27	9,733	19,467	-	-	19,440	5.70	29,200	8.56	38,880	11.40	1,259	2,289	3,843	3.7	8.6
	12	15	-	-	27	13,600	15,600	-	-	19,440	5.70	29,200	8.56	38,880	11.40	1,259	2,289	3,843	3.7	8.6
	12	18	-	-	30	12,480	18,720	-	-	21,600	6.33	31,200	9.14	41,600	12.19	1,463	2,546	3,900	3.6	8.5
	15	15	-	-	30	15,600	15,600	-	-	21,600	6.33	31,200	9.14	41,600	12.19	1,463	2,546	3,900	3.6	8.5
	7	24	-	-	31	8,100	25,600	-	-	21,600	6.33	33,700	9.88	41,600	12.19	1,463	2,835	3,900	3.5	8.5
	9	24	-	-	33	10,400	25,600	-	-	21,600	6.33	36,000	10.55	41,600	12.19	1,463	3,101	3,900	3.4	8.5
	15	18	-	-	33	15,600	20,400	-	-	21,600	6.33	36,000	10.55	41,600	12.19	1,463	3,101	3,900	3.4	8.5
	18	18	-	-	36	18,000	18,000	-	-	21,600	6.33	36,000	10.55	41,600	12.19	1,463	3,101	3,900	3.4	8.5
	12	24	-	-	36	12,000	24,000	-	-	21,600	6.33	36,000	10.55	41,600	12.19	1,463	3,101	3,900	3.4	8.5
	15	24	-	-	39	13,846	22,154	-	-	21,600	6.33	36,000	10.55	41,600	12.19	1,463	3,101	3,900	3.4	8.5
	18	24	-	-	42	15,429	20,571	-	-	21,600	6.33	36,000	10.55	41,600	12.19	1,463	3,101	3,900	3.4	8.5
24	24	-	-	48	18,000	18,000	-	-	21,600	6.33	36,000	10.55	41,600	12.19	1,463	3,101	3,900	3.4	8.5	
Three Units	7	7	7	-	21	8,100	8,100	8,100	-	15,120	4.43	24,300	7.12	30,240	8.86	849	1,630	2,454	4.4	9.2
	7	7	9	-	23	8,100	8,100	10,800	-	16,560	4.85	27,000	7.91	33,120	9.71	952	1,909	2,815	4.1	9.1
	7	9	9	-	25	8,064	10,368	10,368	-	18,000	5.28	28,800	8.44	36,000	10.55	1,053	2,106	3,148	4.0	9.1
	7	7	12	-	26	8,100	8,100	13,600	-	18,720	5.49	29,800	8.73	37,440	10.97	1,110	2,224	3,372	3.9	9.2
	9	9	9	-	27	10,133	10,133	10,133	-	19,440	5.70	30,400	8.91	38,880	11.40	1,183	2,296	3,612	3.9	9.3
	7	9	12	-	28	7,750	9,964	13,286	-	20,160	5.91	31,000	9.09	40,320	11.82	1,241	2,369	3,872	3.8	9.4
	7	7	15	-	29	8,100	8,100	15,600	-	20,880	6.12	31,800	9.32	41,600	12.19	1,313	2,461	3,900	3.8	9.4
	9	9	12	-	30	9,960	9,960	13,280	-	21,600	6.33	33,200	9.73	41,600	12.19	1,375	2,613	3,900	3.7	9.5
	7	9	15	-	31	8,100	10,900	15,600	-	21,600	6.33	34,600	10.14	41,600	12.19	1,375	2,765	3,900	3.7	9.5
	7	12	12	-	31	8,100	13,600	13,600	-	21,600	6.33	35,300	10.35	41,600	12.19	1,375	2,840	3,900	3.6	9.5
	7	7	18	-	32	7,875	7,875	20,250	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	9	9	15	-	33	10,200	10,200	15,600	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	9	12	12	-	33	9,818	13,091	13,091	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	7	9	18	-	34	7,412	9,529	19,059	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	7	12	15	-	34	7,516	12,884	15,600	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	9	12	15	-	36	9,000	12,000	15,000	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	12	12	12	-	36	12,000	12,000	12,000	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	9	9	18	-	36	9,000	9,000	18,000	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	7	12	18	-	37	6,811	11,676	17,514	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	7	15	15	-	37	6,811	14,595	14,595	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
7	7	24	-	38	6,632	6,632	22,737	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5	
9	12	18	-	39	8,308	11,077	16,615	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5	
9	15	15	-	39	8,308	13,846	13,846	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5	
12	12	15	-	39	11,077	11,077	13,846	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5	
7	9	24	-	40	6,300	8,100	21,600	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5	
7	15	18	-	40	6,300	13,500	16,200	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5	
12	12	18	-	42	10,286	10,286	15,429	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5	
9	9	24	-	42	7,714	7,714	20,571	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5	

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

# MULTI F KUMXB361A

MULTI F  
MULTI F MAX

## Rated Heating Combination Table

Table 21: KUMXB361A with Non-Ducted Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF2
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Non-Ducted Indoor Units</i>																				
Three Units	9	15	18	-	42	7,714	12,857	15,429	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	12	15	15	-	42	10,286	12,857	12,857	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	7	18	18	-	43	5,860	15,070	15,070	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	7	12	24	-	43	5,860	10,047	20,093	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	9	18	18	-	45	7,200	14,400	14,400	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	9	12	24	-	45	7,200	9,600	19,200	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	12	15	18	-	45	9,600	12,000	14,400	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	15	15	15	-	45	12,000	12,000	12,000	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	7	15	24	-	46	5,478	11,739	18,783	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	9	15	24	-	48	6,750	11,250	18,000	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	12	18	18	-	48	9,000	13,500	13,500	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	12	12	24	-	48	9,000	9,000	18,000	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
	15	15	18	-	48	11,250	11,250	13,500	-	21,600	6.33	36,000	10.55	41,600	12.19	1,375	2,915	3,900	3.6	9.5
Four Units	7	7	7	7	28	8,100	8,100	8,100	8,100	20,160	5.91	32,400	9.50	40,320	11.82	1,175	2,380	3,640	4.0	9.5
	7	7	7	9	30	8,100	8,100	8,100	10,900	21,600	6.33	35,200	10.32	41,600	12.19	1,293	2,660	3,870	3.9	9.5
	7	7	9	9	32	7,875	7,875	10,125	10,125	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	7	7	12	33	7,636	7,636	7,636	13,091	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	9	9	9	34	7,412	9,529	9,529	9,529	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	7	9	12	35	7,200	7,200	9,257	12,343	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	7	7	15	36	7,000	7,000	7,000	15,000	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	9	9	9	9	36	9,000	9,000	9,000	9,000	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	9	9	12	37	6,811	8,757	8,757	11,676	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	7	9	15	38	6,632	6,632	8,526	14,211	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	7	12	12	38	6,632	6,632	11,368	11,368	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	9	9	9	12	39	8,308	8,308	8,308	11,077	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	7	7	18	39	6,462	6,462	6,462	16,615	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	9	9	15	40	6,300	8,100	8,100	13,500	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	9	12	12	40	6,300	8,100	10,800	10,800	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	7	12	15	41	6,146	6,146	10,537	13,171	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	7	9	18	41	6,146	6,146	7,902	15,805	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	9	9	9	15	42	7,714	7,714	7,714	12,857	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	9	9	12	12	42	7,714	7,714	10,286	10,286	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	9	12	15	43	5,860	7,535	10,047	12,558	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	12	12	12	43	5,860	10,047	10,047	10,047	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	9	9	18	43	5,860	7,535	7,535	15,070	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	7	12	18	44	5,727	5,727	9,818	14,727	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	7	15	15	44	5,727	5,727	12,273	12,273	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	9	9	12	15	45	7,200	7,200	9,600	12,000	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	9	12	12	12	45	7,200	9,600	9,600	9,600	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	9	9	9	18	45	7,200	7,200	7,200	14,400	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	7	7	24	45	5,600	5,600	5,600	19,200	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	9	12	18	46	5,478	7,043	9,391	14,087	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
	7	9	15	15	46	5,478	7,043	11,739	11,739	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5
7	12	12	15	46	5,478	9,391	9,391	11,739	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5	
7	7	9	24	47	5,362	5,362	6,894	18,383	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5	
7	7	15	18	47	5,362	5,362	11,489	13,787	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5	
9	9	15	15	48	6,750	6,750	11,250	11,250	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5	
12	12	12	12	48	9,000	9,000	9,000	9,000	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5	
9	9	12	18	48	6,750	6,750	9,000	13,500	21,600	6.33	36,000	10.55	41,600	12.19	1,293	2,740	3,870	3.9	9.5	

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.



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Table 22: KUMXB361A with Ducted Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF2	
										Minimum		Rated		Maximum		Min.	Rated	Max.			
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW						
<i>Ducted Indoor Units</i>																					
Two Units	9	9	-	-	18	10,800	10,800	-	-	12,960	3.80	21,600	6.33	25,920	7.60	779	1,527	2,151	4.1	8.9	
	9	12	-	-	21	9,900	13,200	-	-	15,120	4.43	23,100	6.77	30,240	8.86	939	1,682	2,718	4.0	8.7	
	12	12	-	-	24	13,600	13,600	-	-	17,280	5.06	27,200	7.97	34,560	10.13	1,125	2,142	3,283	3.7	8.6	
	9	18	-	-	27	9,733	19,467	-	-	19,440	5.70	29,200	8.56	38,880	11.40	1,420	2,393	3,900	3.6	8.4	
	12	18	-	-	30	12,480	18,720	-	-	20,400	5.98	31,200	9.14	39,600	11.61	1,521	2,630	3,900	3.5	8.3	
	9	24	-	-	33	9,273	24,727	-	-	20,400	5.98	34,000	9.96	39,600	11.61	1,521	2,947	3,900	3.4	8.3	
	18	18	-	-	36	17,000	17,000	-	-	20,400	5.98	34,000	9.96	39,600	11.61	1,521	2,947	3,900	3.4	8.3	
	12	24	-	-	36	11,333	22,667	-	-	20,400	5.98	34,000	9.96	39,600	11.61	1,521	2,947	3,900	3.4	8.3	
Three Units	9	9	9	-	27	10,133	10,133	10,133	-	19,440	5.70	30,400	8.91	38,880	11.40	1,236	2,387	3,900	3.7	8.5	
	9	9	12	-	30	9,960	9,960	13,280	-	20,400	5.98	33,200	9.73	39,600	11.61	1,324	2,685	3,900	3.6	8.6	
	9	12	12	-	33	9,273	12,364	12,364	-	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6	
	12	12	12	-	36	11,333	11,333	11,333	-	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6	
	9	9	18	-	36	8,500	8,500	17,000	-	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6	
	9	12	18	-	39	7,846	10,462	15,692	-	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6	
	12	12*	18*	-	42	9,714	9,714	14,571	-	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6	
	9	18*	18*	-	45	6,800	13,600	13,600	-	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6	
	12*	18*	18*	-	48	8,500	12,750	12,750	-	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6	
Four Units	9	9	9	9	36	8,500	8,500	8,500	8,500	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6	
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6	
	9	9	12*	12*	42	7,286	7,286	9,714	9,714	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6	
	9	12*	12*	12*	45	6,800	9,067	9,067	9,067	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6	
	9	9*	9*	18*	45	6,800	6,800	6,800	13,600	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6	
		12*	12*	12*	12*	48	8,500	8,500	8,500	8,500	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6
		9*	9*	12*	18*	48	6,375	6,375	8,500	12,750	20,400	5.98	34,000	9.96	39,600	11.61	1,324	2,737	3,900	3.6	8.6

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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

# MULTI F KUMXB361A

MULTI F  
MULTI F MAX

## Rated Heating Combination Table

Table 23: KUMXB361A with Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Mixed Indoor Units</i>																				
Two Units	7	9	-	-	16	8,269	10,631	-	-	11,520	3.38	18,900	5.54	23,040	6.75	663	1,258	1,788	4.4	9.1
	9	9	-	-	18	10,800	10,800	-	-	12,960	3.80	21,600	6.33	25,920	7.60	763	1,495	2,103	4.2	9.0
	7	12	-	-	19	8,400	14,400	-	-	13,680	4.01	22,800	6.68	27,360	8.02	816	1,620	2,290	4.1	8.9
	9	12	-	-	21	9,900	13,200	-	-	15,120	4.43	23,100	6.77	30,240	8.86	921	1,645	2,664	4.1	8.8
	9	15	-	-	24	10,900	15,600	-	-	17,280	5.06	26,500	7.77	34,560	10.13	1,101	2,021	3,231	3.8	8.7
	12	12	-	-	24	13,600	13,600	-	-	17,280	5.06	27,200	7.97	34,560	10.13	1,101	2,098	3,231	3.8	8.7
	7	18	-	-	25	7,784	20,016	-	-	18,000	5.28	27,800	8.15	36,000	10.55	1,181	2,170	3,444	3.8	8.6
	9	18	-	-	27	9,733	19,467	-	-	19,440	5.70	29,200	8.56	38,880	11.40	1,340	2,341	3,871	3.7	8.5
	12	15	-	-	27	13,600	15,600	-	-	19,440	5.70	29,200	8.56	38,880	11.40	1,340	2,341	3,871	3.7	8.5
	12	18	-	-	30	12,480	18,720	-	-	21,000	6.15	31,200	9.14	40,600	11.90	1,492	2,588	3,900	3.5	8.4
	7	24	-	-	31	8,100	25,600	-	-	21,000	6.15	33,700	9.88	40,600	11.90	1,492	2,932	3,900	3.4	8.4
	9	24	-	-	33	9,545	25,455	-	-	21,000	6.15	35,000	10.26	40,600	11.90	1,492	3,024	3,900	3.4	8.4
	15	18	-	-	33	15,909	19,091	-	-	21,000	6.15	35,000	10.26	40,600	11.90	1,492	3,024	3,900	3.4	8.4
	18	18	-	-	36	17,500	17,500	-	-	21,000	6.15	35,000	10.26	40,600	11.90	1,492	3,024	3,900	3.4	8.4
	12	24	-	-	36	11,667	23,333	-	-	21,000	6.15	35,000	10.26	40,600	11.90	1,492	3,024	3,900	3.4	8.4
	15	24	-	-	39	13,462	21,538	-	-	21,000	6.15	35,000	10.26	40,600	11.90	1,492	3,024	3,900	3.4	8.4
	18	24	-	-	42	15,000	20,000	-	-	21,000	6.15	35,000	10.26	40,600	11.90	1,492	3,024	3,900	3.4	8.4
	Three Units	7	7	9	-	23	8,100	8,100	10,800	-	16,560	4.85	27,000	7.91	33,120	9.71	980	1,954	2,900	4.0
7		9	9	-	25	8,036	10,332	10,332	-	18,000	5.28	28,700	8.41	36,000	10.55	1,094	2,148	3,357	3.9	9.0
7		7	12	-	26	8,100	8,100	13,600	-	18,720	5.49	29,800	8.73	37,440	10.97	1,152	2,276	3,557	3.8	8.9
9		9	9	-	27	10,133	10,133	10,133	-	19,440	5.70	30,400	8.91	38,880	11.40	1,210	2,342	3,756	3.8	8.9
7		9	12	-	28	7,775	9,996	13,329	-	20,160	5.91	31,100	9.11	40,240	11.79	1,274	2,424	3,900	3.8	8.8
9		9	12	-	30	9,960	9,960	13,280	-	21,000	6.15	33,200	9.73	40,600	11.90	1,350	2,649	3,900	3.7	8.7
7		9	15	-	31	8,100	10,600	15,600	-	21,000	6.15	34,300	10.05	40,600	11.90	1,350	2,751	3,900	3.7	8.7
7		12	12	-	31	7,745	13,277	13,277	-	21,000	6.15	34,300	10.05	40,600	11.90	1,350	2,751	3,900	3.7	8.7
7		7	18	-	32	7,656	7,656	19,688	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
9		9	15	-	33	9,545	9,545	15,909	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
9		12	12	-	33	9,545	12,727	12,727	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
7		9	18	-	34	7,206	9,265	18,529	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
7		12	15	-	34	7,206	12,353	15,441	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
9		12	15	-	36	8,750	11,667	14,583	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
12		12	12	-	36	11,667	11,667	11,667	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
9		9	18	-	36	8,750	8,750	17,500	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
7		12	18	-	37	6,622	11,351	17,027	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
7		7	24	-	38	6,447	6,447	22,105	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
9		12	18	-	39	8,077	10,769	16,154	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
9		15	15	-	39	8,077	13,462	13,462	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
12		12	15	-	39	10,769	10,769	13,462	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
7		9	24	-	40	6,125	7,875	21,000	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
7		15	18	-	40	6,125	13,125	15,750	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
12		12*	18*	-	42	10,000	10,000	15,000	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
9		9	24*	-	42	7,500	7,500	20,000	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
9		15	18*	-	42	7,500	12,500	15,000	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
12		15	15	-	42	10,000	12,500	12,500	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
7	18*	18*	-	43	5,698	14,651	14,651	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7	
7	12	24*	-	43	5,698	9,767	19,535	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7	
9	18*	18*	-	45	7,000	14,000	14,000	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7	
9	12*	24*	-	45	7,000	9,333	18,667	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7	

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

<sup>1</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>2</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>3</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>4</sup>At least two indoor units should be connected.

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

Table 24: KUMXB361A with Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF2
										Minimum		Rated		Maximum		Min.	Rated	Max.		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Mixed Indoor Units</i>																				
Three Units	12*	15	18	-	45	9,333	11,667	14,000	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
	9*	15	24*	-	48	6,563	10,938	17,500	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
	12*	18*	18*	-	48	8,750	13,125	13,125	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
	12*	12*	24*	-	48	8,750	8,750	17,500	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
Four Units	15	15	18*	-	48	10,938	10,938	13,125	-	21,000	6.15	35,000	10.26	40,600	11.90	1,350	2,826	3,900	3.6	8.7
	7	7	7	9	30	8,100	8,100	8,100	10,700	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	7	9	9	32	7,656	7,656	9,844	9,844	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	7	7	12	33	7,424	7,424	7,424	12,727	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	9	9	9	34	7,206	9,265	9,265	9,265	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	7	9	12	35	7,000	7,000	9,000	12,000	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	9	9	9	9	36	8,750	8,750	8,750	8,750	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	9	9	12	37	6,622	8,514	8,514	11,351	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	7	9	15	38	6,447	6,447	8,289	13,816	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	7	12	12	38	6,447	6,447	11,053	11,053	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	9	9	9	12	39	8,077	8,077	8,077	10,769	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	7	7	18	39	6,282	6,282	6,282	16,154	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	9	9	15	40	6,125	7,875	7,875	13,125	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	9	12	12	40	6,125	7,875	10,500	10,500	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	7	12	15	41	5,976	5,976	10,244	12,805	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	7	9	18*	41	5,976	5,976	7,683	15,366	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	9	9	9*	15	42	7,500	7,500	7,500	12,500	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	9	9	12*	12*	42	7,500	7,500	10,000	10,000	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	9	12*	15	43	5,698	7,326	9,767	12,209	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	12	12*	12*	43	5,698	9,767	9,767	9,767	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	9	9*	18*	43	5,698	7,326	7,326	14,651	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	7	12	18*	44	5,568	5,568	9,545	14,318	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	9	9*	12*	15*	45	7,000	7,000	9,333	11,667	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	9	12*	12*	12*	45	7,000	9,333	9,333	9,333	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	9	9*	9*	18*	45	7,000	7,000	7,000	14,000	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	9*	12*	18*	46	5,326	6,848	9,130	13,696	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	9*	15	15	46	5,326	6,848	11,413	11,413	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
	7	12*	12*	15	46	5,326	9,130	9,130	11,413	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8
7	7	9*	24*	47	5,213	5,213	6,702	17,872	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8	
7	7	15	18*	47	5,213	5,213	11,170	13,404	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8	
9*	9*	15	15	48	6,563	6,563	10,938	10,938	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8	
12*	12*	12*	12*	48	8,750	8,750	8,750	8,750	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8	
9*	9*	12*	18*	48	6,563	6,563	8,750	13,125	21,000	6.15	35,000	10.26	40,600	11.90	1,309	2,739	3,885	3.7	8.8	

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
 KUMXB181A: 16.4 ft. x 2 = 32.8 ft.  
 KUMXB241A: 16.4 ft. x 3 = 49.2 ft.  
 KUMXB301A: 16.4 ft. x 4 = 65.6 ft.  
 KUMXB361A: 16.4 ft. x 4 = 65.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units should be connected.

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

# MULTI F MAX KUMXB481A

MULTI F  
MULTI F MAX

## Rated Cooling Combination Table

The individual indoor unit capacity can be calculated based on the outdoor unit Rated capacity as follows<sup>1</sup>

$$\frac{\text{Individual Indoor Unit Combination Capacity (Qidu [Combi])} \times \text{Outdoor Unit Rated Capacity (Qodu [Rated])}}{\text{Total Connected Indoor Unit Rated Capacity } (\sum \text{Qidu [Rated]})} = \text{Individual Indoor Unit Rated Capacity (Qidu [Rated])}$$

<sup>1</sup>To calculate the individual IDU capacity based on ODU Corrected capacity, replace (Qodu [Rated]) with (Qodu [Corrected]) where (Qodu [Corrected]) is obtained from the capacity tables referencing design conditions.

Table 25: KUMXB481A with Non-Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	10,800	3.17	18,000	5.28	20,700	6.07	664	1,161	1,669	3.0	5.3	7.6	15.5	22.2
19	11,400	3.34	19,000	5.57	21,736	6.37	705	1,233	1,758	3.2	5.6	8.0	15.4	22.2
20	12,000	3.52	20,000	5.86	22,772	6.67	746	1,305	1,848	3.4	5.9	8.4	15.3	22.1
21	12,600	3.69	21,000	6.15	23,808	6.98	788	1,379	1,938	3.6	6.2	8.8	15.2	22.1
22	13,200	3.87	22,000	6.45	24,844	7.28	830	1,453	2,028	3.8	6.6	9.2	15.1	22.0
23	13,800	4.04	23,000	6.74	25,881	7.59	873	1,528	2,120	4.0	6.9	9.6	15.1	22.0
24	14,400	4.22	24,000	7.03	26,917	7.89	917	1,604	2,211	4.2	7.3	10.0	15.0	21.9
25	15,000	4.40	25,000	7.33	27,953	8.19	961	1,681	2,304	4.4	7.6	10.4	14.9	21.9
26	15,600	4.57	26,000	7.62	28,989	8.50	1,005	1,759	2,397	4.6	8.0	10.9	14.8	21.8
27	16,200	4.75	27,000	7.91	30,025	8.80	1,050	1,838	2,490	4.8	8.3	11.3	14.7	21.8
28	16,800	4.92	28,000	8.21	31,061	9.10	1,096	1,918	2,584	5.0	8.7	11.7	14.6	21.7
29	17,400	5.10	29,000	8.50	32,097	9.41	1,142	1,999	2,679	5.2	9.1	12.1	14.5	21.7
30	18,000	5.28	30,000	8.79	33,133	9.71	1,189	2,080	2,774	5.4	9.4	12.6	14.4	21.6
31	18,600	5.45	31,000	9.09	34,169	10.01	1,236	2,163	2,870	5.6	9.8	13.0	14.3	21.6
32	19,200	5.63	32,000	9.38	35,206	10.32	1,284	2,247	2,966	5.8	10.2	13.4	14.2	21.5
33	19,800	5.80	33,000	9.67	36,242	10.62	1,333	2,332	3,064	6.0	10.6	13.9	14.2	21.5
34	20,400	5.98	34,000	9.96	37,278	10.93	1,382	2,418	3,161	6.3	11.0	14.3	14.1	21.5
35	21,000	6.15	35,000	10.26	38,314	11.23	1,432	2,505	3,260	6.5	11.3	14.8	14.0	21.4
36	21,600	6.33	36,000	10.55	39,350	11.53	1,482	2,594	3,359	6.7	11.7	15.2	13.9	21.4
37	22,200	6.51	37,000	10.84	40,386	11.84	1,533	2,683	3,458	6.9	12.2	15.7	13.8	21.3
38	22,800	6.68	38,000	11.14	41,422	12.14	1,585	2,774	3,559	7.2	12.6	16.1	13.7	21.3
39	23,400	6.86	39,000	11.43	42,458	12.44	1,637	2,866	3,660	7.4	13.0	16.6	13.6	21.2
40	24,000	7.03	40,000	11.72	43,494	12.75	1,691	2,959	3,761	7.7	13.4	17.0	13.5	21.2
41	24,600	7.21	41,000	12.02	44,531	13.05	1,744	3,053	3,863	7.9	13.8	17.5	13.4	21.1
42	25,200	7.39	42,000	12.31	45,567	13.35	1,799	3,148	3,966	8.1	14.3	18.0	13.3	21.1
43	25,800	7.56	43,000	12.60	46,603	13.66	1,854	3,245	4,070	8.4	14.7	18.4	13.3	21.0
44	26,400	7.74	44,000	12.90	47,639	13.96	1,911	3,343	4,174	8.7	15.1	18.9	13.2	20.9
45	27,000	7.91	45,000	13.19	48,675	14.27	1,967	3,443	4,279	8.9	15.6	19.4	13.1	20.8
46	27,600	8.09	46,000	13.48	49,711	14.57	2,025	3,544	4,385	9.2	16.1	19.9	13.0	20.7
47	28,200	8.26	47,000	13.77	50,747	14.87	2,084	3,646	4,492	9.4	16.5	20.3	12.9	20.6
48	28,800	8.44	48,000	14.07	51,783	15.18	2,143	3,750	4,597	9.7	17.0	20.8	12.8	20.5
49	28,800	8.44	48,000	14.07	52,819	15.48	2,143	3,750	4,699	9.7	17.0	21.3	12.8	20.5
50	28,800	8.44	48,000	14.07	53,856	15.78	2,143	3,750	4,799	9.7	17.0	21.7	12.8	20.5
51	28,800	8.44	48,000	14.07	54,892	16.09	2,143	3,750	4,899	9.7	17.0	22.2	12.8	20.5
52	28,800	8.44	48,000	14.07	55,928	16.39	2,143	3,750	5,000	9.7	17.0	22.6	12.8	20.5
53	28,800	8.44	48,000	14.07	56,964	16.70	2,143	3,750	5,100	9.7	17.0	23.1	12.8	20.5
54	28,800	8.44	48,000	14.07	58,000	17.00	2,143	3,750	5,201	9.7	17.0	23.6	12.8	20.5
55	28,800	8.44	48,000	14.07	58,000	17.00	2,143	3,750	5,201	9.7	17.0	23.6	12.8	20.5
56	28,800	8.44	48,000	14.07	58,000	17.00	2,143	3,750	5,201	9.7	17.0	23.6	12.8	20.5
57	28,800	8.44	48,000	14.07	58,000	17.00	2,143	3,750	5,201	9.7	17.0	23.6	12.8	20.5
58	28,800	8.44	48,000	14.07	58,000	17.00	2,143	3,750	5,201	9.7	17.0	23.6	12.8	20.5
59	28,800	8.44	48,000	14.07	58,000	17.00	2,143	3,750	5,201	9.7	17.0	23.6	12.8	20.5
60	28,800	8.44	48,000	14.07	58,000	17.00	2,143	3,750	5,201	9.7	17.0	23.6	12.8	20.5
61	28,800	8.44	48,000	14.07	58,000	17.00	2,143	3,750	5,201	9.7	17.0	23.6	12.8	20.5
62	28,800	8.44	48,000	14.07	58,000	17.00	2,143	3,750	5,201	9.7	17.0	23.6	12.8	20.5
63	28,800	8.44	48,000	14.07	58,000	17.00	2,143	3,750	5,201	9.7	17.0	23.6	12.8	20.5
64	28,800	8.44	48,000	14.07	58,000	17.00	2,143	3,750	5,201	9.7	17.0	23.6	12.8	20.5
65	28,800	8.44	48,000	14.07	58,000	17.00	2,143	3,750	5,201	9.7	17.0	23.6	12.8	20.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

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Table 26: KUMXB481A with Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	10,800	3.17	18,000	5.28	20,700	6.07	709	1,241	1,784	3.2	5.6	8.1	14.5	21.0
19	11,400	3.34	19,000	5.57	21,736	6.37	752	1,316	1,876	3.4	6.0	8.5	14.4	20.9
20	12,000	3.52	20,000	5.86	22,772	6.67	795	1,391	1,968	3.6	6.3	8.9	14.4	20.9
21	12,600	3.69	21,000	6.15	23,808	6.98	839	1,468	2,060	3.8	6.6	9.3	14.3	20.8
22	13,200	3.87	22,000	6.45	24,844	7.28	882	1,544	2,153	4.0	7.0	9.8	14.2	20.7
23	13,800	4.04	23,000	6.74	25,881	7.59	927	1,622	2,246	4.2	7.3	10.2	14.2	20.7
24	14,400	4.22	24,000	7.03	26,917	7.89	971	1,700	2,339	4.4	7.7	10.6	14.1	20.6
25	15,000	4.40	25,000	7.33	27,953	8.19	1,016	1,779	2,432	4.6	8.1	11.0	14.1	20.5
26	15,600	4.57	26,000	7.62	28,989	8.50	1,062	1,858	2,525	4.8	8.4	11.4	14.0	20.5
27	16,200	4.75	27,000	7.91	30,025	8.80	1,108	1,938	2,619	5.0	8.8	11.9	13.9	20.4
28	16,800	4.92	28,000	8.21	31,061	9.10	1,154	2,019	2,713	5.2	9.1	12.3	13.9	20.3
29	17,400	5.10	29,000	8.50	32,097	9.41	1,201	2,101	2,807	5.4	9.5	12.7	13.8	20.3
30	18,000	5.28	30,000	8.79	33,133	9.71	1,248	2,183	2,901	5.7	9.9	13.1	13.7	20.2
31	18,600	5.45	31,000	9.09	34,169	10.01	1,295	2,267	2,996	5.9	10.3	13.6	13.7	20.1
32	19,200	5.63	32,000	9.38	35,206	10.32	1,343	2,351	3,091	6.1	10.6	14.0	13.6	20.1
33	19,800	5.80	33,000	9.67	36,242	10.62	1,392	2,435	3,186	6.3	11.0	14.4	13.6	20.0
34	20,400	5.98	34,000	9.96	37,278	10.93	1,441	2,521	3,281	6.5	11.4	14.9	13.5	19.9
35	21,000	6.15	35,000	10.26	38,314	11.23	1,490	2,607	3,377	6.7	11.8	15.3	13.4	19.9
36	21,600	6.33	36,000	10.55	39,350	11.53	1,540	2,695	3,473	7.0	12.2	15.7	13.4	19.8
37	22,200	6.51	37,000	10.84	40,386	11.84	1,590	2,783	3,569	7.2	12.6	16.2	13.3	19.7
38	22,800	6.68	38,000	11.14	41,422	12.14	1,641	2,872	3,666	7.4	13.0	16.6	13.2	19.7
39	23,400	6.86	39,000	11.43	42,458	12.44	1,692	2,961	3,762	7.7	13.4	17.0	13.2	19.6
40	24,000	7.03	40,000	11.72	43,494	12.75	1,744	3,052	3,859	7.9	13.8	17.5	13.1	19.5
41	24,600	7.21	41,000	12.02	44,531	13.05	1,796	3,143	3,957	8.1	14.2	17.9	13.0	19.5
42	25,200	7.39	42,000	12.31	45,567	13.35	1,849	3,236	4,054	8.4	14.7	18.4	13.0	19.4
43	25,800	7.56	43,000	12.60	46,603	13.66	1,902	3,329	4,152	8.6	15.1	18.8	12.9	19.3
44	26,400	7.74	44,000	12.90	47,639	13.96	1,956	3,423	4,250	8.9	15.5	19.2	12.9	19.3
45	27,000	7.91	45,000	13.19	48,675	14.27	2,010	3,518	4,348	9.1	15.9	19.7	12.8	19.2
46	27,600	8.09	46,000	13.48	49,711	14.57	2,065	3,614	4,446	9.4	16.4	20.1	12.7	19.1
47	28,200	8.26	47,000	13.77	50,747	14.87	2,121	3,712	4,545	9.6	16.8	20.6	12.7	19.1
48	28,800	8.44	48,000	14.07	51,783	15.18	2,177	3,810	4,644	9.9	17.3	21.0	12.6	19.0
49	28,800	8.44	48,000	14.07	52,819	15.48	2,177	3,810	4,744	9.9	17.3	21.5	12.6	19.0
50	28,800	8.44	48,000	14.07	53,856	15.78	2,177	3,810	4,843	9.9	17.3	21.9	12.6	19.0
51	28,800	8.44	48,000	14.07	54,892	16.09	2,177	3,810	4,943	9.9	17.3	22.4	12.6	19.0
52	28,800	8.44	48,000	14.07	55,928	16.39	2,177	3,810	5,043	9.9	17.3	22.8	12.6	19.0
53	28,800	8.44	48,000	14.07	56,964	16.70	2,177	3,810	5,143	9.9	17.3	23.3	12.6	19.0
54	28,800	8.44	48,000	14.07	58,000	17.00	2,177	3,810	5,243	9.9	17.3	23.7	12.6	19.0
55	28,800	8.44	48,000	14.07	58,000	17.00	2,177	3,810	5,243	9.9	17.3	23.7	12.6	19.0
56	28,800	8.44	48,000	14.07	58,000	17.00	2,177	3,810	5,243	9.9	17.3	23.7	12.6	19.0
57	28,800	8.44	48,000	14.07	58,000	17.00	2,177	3,810	5,243	9.9	17.3	23.7	12.6	19.0
58	28,800	8.44	48,000	14.07	58,000	17.00	2,177	3,810	5,243	9.9	17.3	23.7	12.6	19.0
59	28,800	8.44	48,000	14.07	58,000	17.00	2,177	3,810	5,243	9.9	17.3	23.7	12.6	19.0
60	28,800	8.44	48,000	14.07	58,000	17.00	2,177	3,810	5,243	9.9	17.3	23.7	12.6	19.0
61	28,800	8.44	48,000	14.07	58,000	17.00	2,177	3,810	5,243	9.9	17.3	23.7	12.6	19.0
62	28,800	8.44	48,000	14.07	58,000	17.00	2,177	3,810	5,243	9.9	17.3	23.7	12.6	19.0
63	28,800	8.44	48,000	14.07	58,000	17.00	2,177	3,810	5,243	9.9	17.3	23.7	12.6	19.0
64	28,800	8.44	48,000	14.07	58,000	17.00	2,177	3,810	5,243	9.9	17.3	23.7	12.6	19.0
65	28,800	8.44	48,000	14.07	58,000	17.00	2,177	3,810	5,243	9.9	17.3	23.7	12.6	19.0

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

# MULTI F MAX KUMXB481A

MULTI F  
MULTI F MAX

## Rated Cooling Combination Table

Table 27: KUMXB481A with Mixed Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	10,800	3.17	18,000	5.28	20,700	6.07	686	1,201	1,727	3.1	5.4	7.8	15.0	21.6
19	11,400	3.34	19,000	5.57	21,736	6.37	728	1,275	1,817	3.3	5.8	8.2	14.9	21.5
20	12,000	3.52	20,000	5.86	22,772	6.67	771	1,348	1,908	3.5	6.1	8.6	14.8	21.5
21	12,600	3.69	21,000	6.15	23,808	6.98	813	1,423	1,999	3.7	6.4	9.1	14.8	21.4
22	13,200	3.87	22,000	6.45	24,844	7.28	856	1,499	2,091	3.9	6.8	9.5	14.7	21.4
23	13,800	4.04	23,000	6.74	25,881	7.59	900	1,575	2,183	4.1	7.1	9.9	14.6	21.3
24	14,400	4.22	24,000	7.03	26,917	7.89	944	1,652	2,275	4.3	7.5	10.3	14.5	21.3
25	15,000	4.40	25,000	7.33	27,953	8.19	989	1,730	2,368	4.5	7.8	10.7	14.5	21.2
26	15,600	4.57	26,000	7.62	28,989	8.50	1,033	1,809	2,461	4.7	8.2	11.1	14.4	21.1
27	16,200	4.75	27,000	7.91	30,025	8.80	1,079	1,888	2,554	4.9	8.6	11.6	14.3	21.1
28	16,800	4.92	28,000	8.21	31,061	9.10	1,125	1,969	2,648	5.1	8.9	12.0	14.2	21.0
29	17,400	5.10	29,000	8.50	32,097	9.41	1,171	2,050	2,743	5.3	9.3	12.4	14.1	21.0
30	18,000	5.28	30,000	8.79	33,133	9.71	1,218	2,132	2,838	5.5	9.7	12.9	14.1	20.9
31	18,600	5.45	31,000	9.09	34,169	10.01	1,266	2,215	2,933	5.7	10.0	13.3	14.0	20.9
32	19,200	5.63	32,000	9.38	35,206	10.32	1,314	2,299	3,029	5.9	10.4	13.7	13.9	20.8
33	19,800	5.80	33,000	9.67	36,242	10.62	1,362	2,384	3,125	6.2	10.8	14.2	13.8	20.8
34	20,400	5.98	34,000	9.96	37,278	10.93	1,411	2,470	3,221	6.4	11.2	14.6	13.8	20.7
35	21,000	6.15	35,000	10.26	38,314	11.23	1,461	2,556	3,318	6.6	11.6	15.0	13.7	20.6
36	21,600	6.33	36,000	10.55	39,350	11.53	1,511	2,644	3,416	6.8	12.0	15.5	13.6	20.6
37	22,200	6.51	37,000	10.84	40,386	11.84	1,562	2,733	3,514	7.1	12.4	15.9	13.5	20.5
38	22,800	6.68	38,000	11.14	41,422	12.14	1,613	2,823	3,612	7.3	12.8	16.4	13.5	20.5
39	23,400	6.86	39,000	11.43	42,458	12.44	1,665	2,913	3,711	7.5	13.2	16.8	13.4	20.4
40	24,000	7.03	40,000	11.72	43,494	12.75	1,717	3,005	3,810	7.8	13.6	17.3	13.3	20.4
41	24,600	7.21	41,000	12.02	44,531	13.05	1,770	3,098	3,910	8.0	14.0	17.7	13.2	20.3
42	25,200	7.39	42,000	12.31	45,567	13.35	1,824	3,192	4,010	8.3	14.5	18.2	13.2	20.2
43	25,800	7.56	43,000	12.60	46,603	13.66	1,878	3,287	4,111	8.5	14.9	18.6	13.1	20.2
44	26,400	7.74	44,000	12.90	47,639	13.96	1,933	3,383	4,212	8.8	15.3	19.1	13.0	20.1
45	27,000	7.91	45,000	13.19	48,675	14.27	1,989	3,481	4,314	9.0	15.8	19.5	12.9	20.0
46	27,600	8.09	46,000	13.48	49,711	14.57	2,045	3,579	4,416	9.3	16.2	20.0	12.9	19.9
47	28,200	8.26	47,000	13.77	50,747	14.87	2,102	3,679	4,518	9.5	16.7	20.5	12.8	19.8
48	28,800	8.44	48,000	14.07	51,783	15.18	2,160	3,780	4,621	9.8	17.1	20.9	12.7	19.8
49	28,800	8.44	48,000	14.07	52,819	15.48	2,160	3,780	4,721	9.8	17.1	21.4	12.7	19.8
50	28,800	8.44	48,000	14.07	53,856	15.78	2,160	3,780	4,821	9.8	17.1	21.8	12.7	19.8
51	28,800	8.44	48,000	14.07	54,892	16.09	2,160	3,780	4,921	9.8	17.1	22.3	12.7	19.8
52	28,800	8.44	48,000	14.07	55,928	16.39	2,160	3,780	5,021	9.8	17.1	22.7	12.7	19.8
53	28,800	8.44	48,000	14.07	56,964	16.70	2,160	3,780	5,122	9.8	17.1	23.2	12.7	19.8
54	28,800	8.44	48,000	14.07	58,000	17.00	2,160	3,780	5,222	9.8	17.1	23.7	12.7	19.8
55	28,800	8.44	48,000	14.07	58,000	17.00	2,160	3,780	5,222	9.8	17.1	23.7	12.7	19.8
56	28,800	8.44	48,000	14.07	58,000	17.00	2,160	3,780	5,222	9.8	17.1	23.7	12.7	19.8
57	28,800	8.44	48,000	14.07	58,000	17.00	2,160	3,780	5,222	9.8	17.1	23.7	12.7	19.8
58	28,800	8.44	48,000	14.07	58,000	17.00	2,160	3,780	5,222	9.8	17.1	23.7	12.7	19.8
59	28,800	8.44	48,000	14.07	58,000	17.00	2,160	3,780	5,222	9.8	17.1	23.7	12.7	19.8
60	28,800	8.44	48,000	14.07	58,000	17.00	2,160	3,780	5,222	9.8	17.1	23.7	12.7	19.8
61	28,800	8.44	48,000	14.07	58,000	17.00	2,160	3,780	5,222	9.8	17.1	23.7	12.7	19.8
62	28,800	8.44	48,000	14.07	58,000	17.00	2,160	3,780	5,222	9.8	17.1	23.7	12.7	19.8
63	28,800	8.44	48,000	14.07	58,000	17.00	2,160	3,780	5,222	9.8	17.1	23.7	12.7	19.8
64	28,800	8.44	48,000	14.07	58,000	17.00	2,160	3,780	5,222	9.8	17.1	23.7	12.7	19.8
65	28,800	8.44	48,000	14.07	58,000	17.00	2,160	3,780	5,222	9.8	17.1	23.7	12.7	19.8

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.



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Table 28: KUMXB481A with Non-Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Heating Capacity						Input (W)			Running Current (W)			COP	HSPF2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	12,420	3.64	20,700	6.07	23,800	6.98	747	1,319	1,849	3.4	6.0	8.4	4.6	10.2
19	13,086	3.84	21,810	6.39	24,900	7.30	793	1,401	1,944	3.6	6.3	8.8	4.6	10.2
20	13,752	4.03	22,920	6.72	26,000	7.62	840	1,484	2,039	3.8	6.7	9.2	4.5	10.2
21	14,418	4.23	24,030	7.04	27,100	7.94	888	1,569	2,134	4.0	7.1	9.7	4.5	10.2
22	15,084	4.42	25,140	7.37	28,200	8.26	937	1,655	2,230	4.2	7.5	10.1	4.5	10.1
23	15,750	4.62	26,250	7.69	29,300	8.59	986	1,742	2,327	4.5	7.9	10.5	4.4	10.1
24	16,416	4.81	27,360	8.02	30,400	8.91	1,036	1,831	2,425	4.7	8.3	11.0	4.4	10.1
25	17,082	5.01	28,470	8.34	31,500	9.23	1,087	1,921	2,524	4.9	8.7	11.4	4.3	10.1
26	17,748	5.20	29,580	8.67	32,600	9.55	1,139	2,013	2,623	5.2	9.1	11.9	4.3	10.0
27	18,414	5.40	30,690	8.99	33,700	9.88	1,192	2,106	2,724	5.4	9.5	12.3	4.3	10.0
28	19,080	5.59	31,800	9.32	34,800	10.20	1,246	2,202	2,825	5.6	10.0	12.8	4.2	10.0
29	19,746	5.79	32,910	9.65	35,900	10.52	1,301	2,298	2,928	5.9	10.4	13.3	4.2	10.0
30	20,412	5.98	34,020	9.97	37,000	10.84	1,357	2,397	3,031	6.1	10.9	13.7	4.2	9.9
31	21,078	6.18	35,130	10.30	38,100	11.17	1,413	2,497	3,135	6.4	11.3	14.2	4.1	9.9
32	21,744	6.37	36,240	10.62	39,200	11.49	1,471	2,599	3,240	6.7	11.8	14.7	4.1	9.9
33	22,410	6.57	37,350	10.95	40,300	11.81	1,530	2,703	3,346	6.9	12.2	15.2	4.1	9.9
34	23,076	6.76	38,460	11.27	41,400	12.13	1,590	2,809	3,453	7.2	12.7	15.6	4.0	9.8
35	23,742	6.96	39,570	11.60	42,500	12.46	1,651	2,916	3,561	7.5	13.2	16.1	4.0	9.8
36	24,408	7.15	40,680	11.92	43,600	12.78	1,713	3,026	3,670	7.8	13.7	16.6	3.9	9.8
37	25,074	7.35	41,790	12.25	44,700	13.10	1,776	3,138	3,780	8.0	14.2	17.1	3.9	9.8
38	25,740	7.54	42,900	12.57	45,800	13.42	1,841	3,252	3,891	8.3	14.7	17.6	3.9	9.7
39	26,406	7.74	44,010	12.90	46,900	13.75	1,906	3,368	4,003	8.6	15.3	18.1	3.8	9.7
40	27,072	7.93	45,120	13.22	48,000	14.07	1,973	3,486	4,116	8.9	15.8	18.6	3.8	9.7
41	27,738	8.13	46,230	13.55	49,100	14.39	2,042	3,607	4,230	9.2	16.3	19.2	3.8	9.7
42	28,404	8.32	47,340	13.87	50,200	14.71	2,111	3,730	4,345	9.6	16.9	19.7	3.7	9.6
43	29,070	8.52	48,450	14.20	51,300	15.04	2,182	3,855	4,461	9.9	17.5	20.2	3.7	9.6
44	29,736	8.72	49,560	14.53	52,400	15.36	2,255	3,983	4,579	10.2	18.0	20.7	3.6	9.6
45	30,402	8.91	50,670	14.85	53,500	15.68	2,329	4,114	4,697	10.5	18.6	21.3	3.6	9.6
46	31,068	9.11	51,780	15.18	54,600	16.00	2,404	4,247	4,817	10.9	19.2	21.8	3.6	9.5
47	31,734	9.30	52,890	15.50	55,700	16.32	2,481	4,383	4,938	11.2	19.9	22.4	3.5	9.5
48	32,400	9.50	54,000	15.83	56,800	16.65	2,560	4,522	5,060	11.6	20.5	22.9	3.5	9.5
49	32,400	9.50	54,000	15.83	57,900	16.97	2,560	4,522	5,168	11.6	20.5	23.4	3.5	9.5
50	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
51	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
52	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
53	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
54	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
55	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
56	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
57	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
58	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
59	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
60	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
61	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
62	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
63	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
64	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5
65	32,400	9.50	54,000	15.83	59,000	17.29	2,560	4,522	5,277	11.6	20.5	23.9	3.5	9.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.  
<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.  
<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.  
<sup>5</sup>At least two indoor units must be connected.

# MULTI F MAX KUMXB481A

MULTI F  
MULTI F MAX

## Rated Heating Combination Table

Table 29: KUMXB481A with Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Heating Capacity						Input (W)			Running Current (W)			COP	HSPF2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	12,420	3.64	20,700	6.07	23,800	6.98	808	1,427	1,931	3.7	6.5	8.7	4.3	10.2
19	13,086	3.84	21,810	6.39	24,900	7.30	857	1,514	2,028	3.9	6.9	9.2	4.2	10.2
20	13,752	4.03	22,920	6.72	26,000	7.62	907	1,602	2,125	4.1	7.3	9.6	4.2	10.2
21	14,418	4.23	24,030	7.04	27,100	7.94	957	1,691	2,222	4.3	7.7	10.1	4.2	10.2
22	15,084	4.42	25,140	7.37	28,200	8.26	1,008	1,781	2,320	4.6	8.1	10.5	4.1	10.1
23	15,750	4.62	26,250	7.69	29,300	8.59	1,060	1,873	2,419	4.8	8.5	11.0	4.1	10.1
24	16,416	4.81	27,360	8.02	30,400	8.91	1,112	1,965	2,518	5.0	8.9	11.4	4.1	10.1
25	17,082	5.01	28,470	8.34	31,500	9.23	1,166	2,059	2,618	5.3	9.3	11.9	4.1	10.1
26	17,748	5.20	29,580	8.67	32,600	9.55	1,220	2,155	2,719	5.5	9.8	12.3	4.0	10.0
27	18,414	5.40	30,690	8.99	33,700	9.88	1,274	2,251	2,820	5.8	10.2	12.8	4.0	10.0
28	19,080	5.59	31,800	9.32	34,800	10.20	1,330	2,350	2,922	6.0	10.6	13.2	4.0	10.0
29	19,746	5.79	32,910	9.65	35,900	10.52	1,386	2,449	3,025	6.3	11.1	13.7	3.9	10.0
30	20,412	5.98	34,020	9.97	37,000	10.84	1,443	2,550	3,129	6.5	11.5	14.2	3.9	9.9
31	21,078	6.18	35,130	10.30	38,100	11.17	1,501	2,652	3,233	6.8	12.0	14.6	3.9	9.9
32	21,744	6.37	36,240	10.62	39,200	11.49	1,560	2,756	3,338	7.1	12.5	15.1	3.9	9.9
33	22,410	6.57	37,350	10.95	40,300	11.81	1,620	2,862	3,444	7.3	13.0	15.6	3.8	9.9
34	23,076	6.76	38,460	11.27	41,400	12.13	1,681	2,969	3,550	7.6	13.4	16.1	3.8	9.8
35	23,742	6.96	39,570	11.60	42,500	12.46	1,742	3,078	3,657	7.9	13.9	16.6	3.8	9.8
36	24,408	7.15	40,680	11.92	43,600	12.78	1,804	3,188	3,765	8.2	14.4	17.1	3.7	9.8
37	25,074	7.35	41,790	12.25	44,700	13.10	1,868	3,300	3,874	8.5	14.9	17.5	3.7	9.8
38	25,740	7.54	42,900	12.57	45,800	13.42	1,932	3,414	3,983	8.8	15.5	18.0	3.7	9.7
39	26,406	7.74	44,010	12.90	46,900	13.75	1,998	3,529	4,093	9.0	16.0	18.5	3.7	9.7
40	27,072	7.93	45,120	13.22	48,000	14.07	2,064	3,646	4,204	9.3	16.5	19.0	3.6	9.7
41	27,738	8.13	46,230	13.55	49,100	14.39	2,131	3,765	4,316	9.7	17.1	19.5	3.6	9.7
42	28,404	8.32	47,340	13.87	50,200	14.71	2,200	3,886	4,429	10.0	17.6	20.1	3.6	9.6
43	29,070	8.52	48,450	14.20	51,300	15.04	2,269	4,009	4,542	10.3	18.2	20.6	3.5	9.6
44	29,736	8.72	49,560	14.53	52,400	15.36	2,340	4,134	4,657	10.6	18.7	21.1	3.5	9.6
45	30,402	8.91	50,670	14.85	53,500	15.68	2,412	4,261	4,772	10.9	19.3	21.6	3.5	9.6
46	31,068	9.11	51,780	15.18	54,600	16.00	2,485	4,390	4,888	11.3	19.9	22.1	3.5	9.5
47	31,734	9.30	52,890	15.50	55,700	16.32	2,559	4,521	5,005	11.6	20.5	22.7	3.4	9.5
48	32,400	9.50	54,000	15.83	56,800	16.65	2,635	4,655	5,127	11.9	21.1	23.2	3.4	9.5
49	32,400	9.50	54,000	15.83	57,900	16.97	2,635	4,655	5,227	11.9	21.1	23.7	3.4	9.5
50	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
51	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
52	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
53	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
54	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
55	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
56	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
57	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
58	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
59	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
60	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
61	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
62	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
63	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
64	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5
65	32,400	9.50	54,000	15.83	59,000	17.29	2,635	4,655	5,332	11.9	21.1	24.1	3.4	9.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.



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Table 30: KUMXB481A with Mixed Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Heating Capacity						Input (W)			Running Current (W)			COP	HSPF2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	12,420	3.64	20,700	6.07	23,800	6.98	777	1,373	1,890	3.5	6.2	8.6	4.4	10.2
19	13,086	3.84	21,810	6.39	24,900	7.30	825	1,457	1,986	3.7	6.6	9.0	4.4	10.2
20	13,752	4.03	22,920	6.72	26,000	7.62	873	1,543	2,082	4.0	7.0	9.4	4.4	10.2
21	14,418	4.23	24,030	7.04	27,100	7.94	922	1,630	2,178	4.2	7.4	9.9	4.3	10.2
22	15,084	4.42	25,140	7.37	28,200	8.26	972	1,718	2,275	4.4	7.8	10.3	4.3	10.1
23	15,750	4.62	26,250	7.69	29,300	8.59	1,023	1,807	2,373	4.6	8.2	10.7	4.3	10.1
24	16,416	4.81	27,360	8.02	30,400	8.91	1,074	1,898	2,472	4.9	8.6	11.2	4.2	10.1
25	17,082	5.01	28,470	8.34	31,500	9.23	1,127	1,990	2,571	5.1	9.0	11.6	4.2	10.1
26	17,748	5.20	29,580	8.67	32,600	9.55	1,180	2,084	2,671	5.3	9.4	12.1	4.2	10.0
27	18,414	5.40	30,690	8.99	33,700	9.88	1,233	2,179	2,772	5.6	9.9	12.6	4.1	10.0
28	19,080	5.59	31,800	9.32	34,800	10.20	1,288	2,276	2,874	5.8	10.3	13.0	4.1	10.0
29	19,746	5.79	32,910	9.65	35,900	10.52	1,344	2,374	2,976	6.1	10.8	13.5	4.1	10.0
30	20,412	5.98	34,020	9.97	37,000	10.84	1,400	2,473	3,080	6.3	11.2	13.9	4.0	9.9
31	21,078	6.18	35,130	10.30	38,100	11.17	1,457	2,575	3,184	6.6	11.7	14.4	4.0	9.9
32	21,744	6.37	36,240	10.62	39,200	11.49	1,516	2,678	3,289	6.9	12.1	14.9	4.0	9.9
33	22,410	6.57	37,350	10.95	40,300	11.81	1,575	2,782	3,395	7.1	12.6	15.4	3.9	9.9
34	23,076	6.76	38,460	11.27	41,400	12.13	1,635	2,889	3,501	7.4	13.1	15.9	3.9	9.8
35	23,742	6.96	39,570	11.60	42,500	12.46	1,696	2,997	3,609	7.7	13.6	16.3	3.9	9.8
36	24,408	7.15	40,680	11.92	43,600	12.78	1,759	3,107	3,717	8.0	14.1	16.8	3.8	9.8
37	25,074	7.35	41,790	12.25	44,700	13.10	1,822	3,219	3,827	8.3	14.6	17.3	3.8	9.8
38	25,740	7.54	42,900	12.57	45,800	13.42	1,886	3,333	3,937	8.5	15.1	17.8	3.8	9.7
39	26,406	7.74	44,010	12.90	46,900	13.75	1,952	3,448	4,048	8.8	15.6	18.3	3.7	9.7
40	27,072	7.93	45,120	13.22	48,000	14.07	2,019	3,566	4,160	9.1	16.2	18.8	3.7	9.7
41	27,738	8.13	46,230	13.55	49,100	14.39	2,086	3,686	4,273	9.4	16.7	19.4	3.7	9.7
42	28,404	8.32	47,340	13.87	50,200	14.71	2,156	3,808	4,387	9.8	17.2	19.9	3.6	9.6
43	29,070	8.52	48,450	14.20	51,300	15.04	2,226	3,932	4,502	10.1	17.8	20.4	3.6	9.6
44	29,736	8.72	49,560	14.53	52,400	15.36	2,297	4,059	4,618	10.4	18.4	20.9	3.6	9.6
45	30,402	8.91	50,670	14.85	53,500	15.68	2,370	4,187	4,735	10.7	19.0	21.4	3.5	9.6
46	31,068	9.11	51,780	15.18	54,600	16.00	2,445	4,319	4,852	11.1	19.6	22.0	3.5	9.5
47	31,734	9.30	52,890	15.50	55,700	16.32	2,520	4,452	4,971	11.4	20.2	22.5	3.5	9.5
48	32,400	9.50	54,000	15.83	56,800	16.65	2,597	4,588	5,093	11.8	20.8	23.1	3.4	9.5
49	32,400	9.50	54,000	15.83	57,900	16.97	2,597	4,588	5,198	11.8	20.8	23.5	3.4	9.5
50	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
51	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
52	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
53	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
54	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
55	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
56	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
57	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
58	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
59	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
60	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
61	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
62	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
63	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
64	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5
65	32,400	9.50	54,000	15.83	59,000	17.29	2,597	4,588	5,304	11.8	20.8	24.0	3.4	9.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

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## Rated Cooling Combination Table

The individual indoor unit capacity can be calculated based on the outdoor unit Rated capacity as follows<sup>1</sup>

$$\text{Individual Indoor Unit Combination Capacity (Qidu [Combi])} = \text{Outdoor Unit Rated Capacity (Qodu [Rated])} \times \frac{\text{Individual Indoor Unit Rated Capacity (Qidu [Rated])}}{\text{Total Connected Indoor Unit Rated Capacity } (\sum \text{Qidu [Rated]})}$$

<sup>1</sup>To calculate the individual IDU capacity based on ODU Corrected capacity, replace (Qodu [Rated]) with (Qodu [Corrected]) where (Qodu [Corrected]) is obtained from the capacity tables referencing design conditions.

Table 31: KUMXB541A with Non-Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	10,800	3.17	18,000	5.28	20,700	6.07	664	1,161	1,669	3.0	5.3	7.6	15.5	22.2
19	11,400	3.34	19,000	5.57	21,736	6.37	705	1,233	1,758	3.2	5.6	8.0	15.4	22.2
20	12,000	3.52	20,000	5.86	22,772	6.67	746	1,305	1,848	3.4	5.9	8.4	15.3	22.1
21	12,600	3.69	21,000	6.15	23,808	6.98	788	1,379	1,938	3.6	6.2	8.8	15.2	22.1
22	13,200	3.87	22,000	6.45	24,844	7.28	830	1,453	2,028	3.8	6.6	9.2	15.1	22.0
23	13,800	4.04	23,000	6.74	25,881	7.59	873	1,528	2,120	4.0	6.9	9.6	15.1	22.0
24	14,400	4.22	24,000	7.03	26,917	7.89	917	1,604	2,211	4.2	7.3	10.0	15.0	21.9
25	15,000	4.40	25,000	7.33	27,953	8.19	961	1,681	2,304	4.4	7.6	10.4	14.9	21.9
26	15,600	4.57	26,000	7.62	28,989	8.50	1,005	1,759	2,397	4.6	8.0	10.9	14.8	21.8
27	16,200	4.75	27,000	7.91	30,025	8.80	1,050	1,838	2,490	4.8	8.3	11.3	14.7	21.8
28	16,800	4.92	28,000	8.21	31,061	9.10	1,096	1,918	2,584	5.0	8.7	11.7	14.6	21.7
29	17,400	5.10	29,000	8.50	32,097	9.41	1,142	1,999	2,679	5.2	9.1	12.1	14.5	21.7
30	18,000	5.28	30,000	8.79	33,133	9.71	1,189	2,080	2,774	5.4	9.4	12.6	14.4	21.6
31	18,600	5.45	31,000	9.09	34,169	10.01	1,236	2,163	2,870	5.6	9.8	13.0	14.3	21.6
32	19,200	5.63	32,000	9.38	35,206	10.32	1,284	2,247	2,966	5.8	10.2	13.4	14.2	21.5
33	19,800	5.80	33,000	9.67	36,242	10.62	1,333	2,332	3,064	6.0	10.6	13.9	14.2	21.5
34	20,400	5.98	34,000	9.96	37,278	10.93	1,382	2,418	3,161	6.3	11.0	14.3	14.1	21.5
35	21,000	6.15	35,000	10.26	38,314	11.23	1,432	2,505	3,260	6.5	11.3	14.8	14.0	21.4
36	21,600	6.33	36,000	10.55	39,350	11.53	1,482	2,594	3,359	6.7	11.7	15.2	13.9	21.4
37	22,200	6.51	37,000	10.84	40,386	11.84	1,533	2,683	3,458	6.9	12.2	15.7	13.8	21.3
38	22,800	6.68	38,000	11.14	41,422	12.14	1,585	2,774	3,559	7.2	12.6	16.1	13.7	21.3
39	23,400	6.86	39,000	11.43	42,458	12.44	1,637	2,866	3,660	7.4	13.0	16.6	13.6	21.2
40	24,000	7.03	40,000	11.72	43,494	12.75	1,691	2,959	3,761	7.7	13.4	17.0	13.5	21.2
41	24,600	7.21	41,000	12.02	44,531	13.05	1,744	3,053	3,863	7.9	13.8	17.5	13.4	21.1
42	25,200	7.39	42,000	12.31	45,567	13.35	1,799	3,148	3,966	8.1	14.3	18.0	13.3	21.1
43	25,800	7.56	43,000	12.60	46,603	13.66	1,854	3,245	4,070	8.4	14.7	18.4	13.3	21.0
44	26,400	7.74	44,000	12.90	47,639	13.96	1,911	3,343	4,174	8.7	15.1	18.9	13.2	21.0
45	27,000	7.91	45,000	13.19	48,675	14.27	1,967	3,443	4,279	8.9	15.6	19.4	13.1	20.9
46	27,600	8.09	46,000	13.48	49,711	14.57	2,025	3,544	4,385	9.2	16.1	19.9	13.0	20.9
47	28,200	8.26	47,000	13.77	50,747	14.87	2,084	3,646	4,492	9.4	16.5	20.3	12.9	20.8
48	28,800	8.44	48,000	14.07	51,783	15.18	2,143	3,750	4,597	9.7	17.0	20.8	12.8	20.8
49	29,050	8.51	48,417	14.19	52,819	15.48	2,167	3,792	4,699	9.8	17.2	21.3	12.8	20.8
50	29,300	8.59	48,833	14.31	53,856	15.78	2,191	3,835	4,799	9.9	17.4	21.7	12.7	20.7
51	29,550	8.66	49,250	14.43	54,892	16.09	2,216	3,878	4,899	10.0	17.6	22.2	12.7	20.7
52	29,800	8.73	49,667	14.56	55,928	16.39	2,241	3,921	5,000	10.1	17.8	22.6	12.7	20.7
53	30,050	8.81	50,083	14.68	56,964	16.70	2,265	3,964	5,100	10.3	18.0	23.1	12.6	20.6
54	30,300	8.88	50,500	14.80	58,000	17.00	2,290	4,008	5,201	10.4	18.2	23.6	12.6	20.6
55	30,550	8.95	50,500	14.92	58,867	17.25	2,318	4,057	5,286	10.5	18.2	23.9	12.6	20.6
56	30,800	9.03	50,500	15.04	59,733	17.51	2,347	4,107	5,370	10.6	18.2	24.3	12.6	20.6
57	31,050	9.10	50,500	15.17	60,600	17.76	2,375	4,157	5,455	10.8	18.2	24.7	12.6	20.6
58	31,300	9.17	50,500	15.29	61,467	18.01	2,404	4,207	5,539	10.9	18.2	25.1	12.6	20.6
59	31,550	9.25	50,500	15.41	62,333	18.27	2,433	4,258	5,624	11.0	18.2	25.5	12.6	20.6
60	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

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Table 32: KUMXB541A with Non-Ducted Indoor Units — Rated Cooling Combination Table, continued.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
61	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6
62	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6
63	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6
64	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6
65	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6
66	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6
67	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6
68	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6
69	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6
70	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6
71	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6
72	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6
73	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,309	5,709	11.2	18.2	25.9	12.6	20.6

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

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## Rated Cooling Combination Table

Table 33: KUMXB541A with Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	10,800	3.17	18,000	5.28	20,700	6.07	709	1,241	1,784	3.2	5.6	8.1	14.5	21.0
19	11,400	3.34	19,000	5.57	21,736	6.37	752	1,316	1,876	3.4	6.0	8.5	14.4	20.9
20	12,000	3.52	20,000	5.86	22,772	6.67	795	1,391	1,968	3.6	6.3	8.9	14.4	20.9
21	12,600	3.69	21,000	6.15	23,808	6.98	839	1,468	2,060	3.8	6.6	9.3	14.3	20.8
22	13,200	3.87	22,000	6.45	24,844	7.28	882	1,544	2,153	4.0	7.0	9.8	14.2	20.7
23	13,800	4.04	23,000	6.74	25,881	7.59	927	1,622	2,246	4.2	7.3	10.2	14.2	20.7
24	14,400	4.22	24,000	7.03	26,917	7.89	971	1,700	2,339	4.4	7.7	10.6	14.1	20.6
25	15,000	4.40	25,000	7.33	27,953	8.19	1,016	1,779	2,432	4.6	8.1	11.0	14.1	20.5
26	15,600	4.57	26,000	7.62	28,989	8.50	1,062	1,858	2,525	4.8	8.4	11.4	14.0	20.5
27	16,200	4.75	27,000	7.91	30,025	8.80	1,108	1,938	2,619	5.0	8.8	11.9	13.9	20.4
28	16,800	4.92	28,000	8.21	31,061	9.10	1,154	2,019	2,713	5.2	9.1	12.3	13.9	20.3
29	17,400	5.10	29,000	8.50	32,097	9.41	1,201	2,101	2,807	5.4	9.5	12.7	13.8	20.3
30	18,000	5.28	30,000	8.79	33,133	9.71	1,248	2,183	2,901	5.7	9.9	13.1	13.7	20.2
31	18,600	5.45	31,000	9.09	34,169	10.01	1,295	2,267	2,996	5.9	10.3	13.6	13.7	20.1
32	19,200	5.63	32,000	9.38	35,206	10.32	1,343	2,351	3,091	6.1	10.6	14.0	13.6	20.1
33	19,800	5.80	33,000	9.67	36,242	10.62	1,392	2,435	3,186	6.3	11.0	14.4	13.6	20.0
34	20,400	5.98	34,000	9.96	37,278	10.93	1,441	2,521	3,281	6.5	11.4	14.9	13.5	19.9
35	21,000	6.15	35,000	10.26	38,314	11.23	1,490	2,607	3,377	6.7	11.8	15.3	13.4	19.9
36	21,600	6.33	36,000	10.55	39,350	11.53	1,540	2,695	3,473	7.0	12.2	15.7	13.4	19.8
37	22,200	6.51	37,000	10.84	40,386	11.84	1,590	2,783	3,569	7.2	12.6	16.2	13.3	19.7
38	22,800	6.68	38,000	11.14	41,422	12.14	1,641	2,872	3,666	7.4	13.0	16.6	13.2	19.7
39	23,400	6.86	39,000	11.43	42,458	12.44	1,692	2,961	3,762	7.7	13.4	17.0	13.2	19.6
40	24,000	7.03	40,000	11.72	43,494	12.75	1,744	3,052	3,859	7.9	13.8	17.5	13.1	19.5
41	24,600	7.21	41,000	12.02	44,531	13.05	1,796	3,143	3,957	8.1	14.2	17.9	13.0	19.5
42	25,200	7.39	42,000	12.31	45,567	13.35	1,849	3,236	4,054	8.4	14.7	18.4	13.0	19.4
43	25,800	7.56	43,000	12.60	46,603	13.66	1,902	3,329	4,152	8.6	15.1	18.8	12.9	19.3
44	26,400	7.74	44,000	12.90	47,639	13.96	1,956	3,423	4,250	8.9	15.5	19.2	12.9	19.3
45	27,000	7.91	45,000	13.19	48,675	14.27	2,010	3,518	4,348	9.1	15.9	19.7	12.8	19.2
46	27,600	8.09	46,000	13.48	49,711	14.57	2,065	3,614	4,446	9.4	16.4	20.1	12.7	19.1
47	28,200	8.26	47,000	13.77	50,747	14.87	2,121	3,712	4,545	9.6	16.8	20.6	12.7	19.1
48	28,800	8.44	48,000	14.07	51,783	15.18	2,177	3,810	4,644	9.9	17.3	21.0	12.6	19.0
49	29,050	8.51	48,417	14.19	52,819	15.48	2,199	3,848	4,744	10.0	17.4	21.5	12.6	18.9
50	29,300	8.59	48,833	14.31	53,856	15.78	2,221	3,886	4,843	10.1	17.6	21.9	12.6	18.8
51	29,550	8.66	49,250	14.43	54,892	16.09	2,242	3,924	4,943	10.2	17.8	22.4	12.6	18.8
52	29,800	8.73	49,667	14.56	55,928	16.39	2,264	3,963	5,043	10.3	17.9	22.8	12.5	18.7
53	30,050	8.81	50,083	14.68	56,964	16.70	2,286	4,001	5,143	10.4	18.1	23.3	12.5	18.6
54	30,300	8.88	50,500	14.80	58,000	17.00	2,309	4,040	5,243	10.5	18.3	23.7	12.5	18.5
55	30,550	8.95	50,500	14.92	58,867	17.25	2,334	4,040	5,337	10.6	18.5	24.2	12.5	18.5
56	30,800	9.03	50,500	15.04	59,733	17.51	2,359	4,040	5,430	10.7	18.7	24.6	12.5	18.5
57	31,050	9.10	50,500	15.17	60,600	17.76	2,385	4,040	5,524	10.8	18.9	25.0	12.5	18.5
58	31,300	9.17	50,500	15.29	61,467	18.01	2,410	4,040	5,619	10.9	19.1	25.4	12.5	18.5
59	31,550	9.25	50,500	15.41	62,333	18.27	2,436	4,040	5,713	11.0	19.3	25.9	12.5	18.5
60	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
61	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
62	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
63	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
64	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
65	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
66	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
67	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
68	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
69	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
70	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
71	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
72	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5
73	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,040	5,809	11.2	19.5	26.3	12.5	18.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.



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Table 34: KUMXB541A with Mixed Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	10,800	3.17	18,000	5.28	20,700	6.07	686	1,201	1,727	3.1	5.4	7.8	15.0	21.6
19	11,400	3.34	19,000	5.57	21,736	6.37	728	1,275	1,817	3.3	5.8	8.2	14.9	21.5
20	12,000	3.52	20,000	5.86	22,772	6.67	771	1,348	1,908	3.5	6.1	8.6	14.8	21.5
21	12,600	3.69	21,000	6.15	23,808	6.98	813	1,423	1,999	3.7	6.4	9.1	14.8	21.4
22	13,200	3.87	22,000	6.45	24,844	7.28	856	1,499	2,091	3.9	6.8	9.5	14.7	21.4
23	13,800	4.04	23,000	6.74	25,881	7.59	900	1,575	2,183	4.1	7.1	9.9	14.6	21.3
24	14,400	4.22	24,000	7.03	26,917	7.89	944	1,652	2,275	4.3	7.5	10.3	14.5	21.3
25	15,000	4.40	25,000	7.33	27,953	8.19	989	1,730	2,368	4.5	7.8	10.7	14.5	21.2
26	15,600	4.57	26,000	7.62	28,989	8.50	1,033	1,809	2,461	4.7	8.2	11.1	14.4	21.1
27	16,200	4.75	27,000	7.91	30,025	8.80	1,079	1,888	2,554	4.9	8.6	11.6	14.3	21.1
28	16,800	4.92	28,000	8.21	31,061	9.10	1,125	1,969	2,648	5.1	8.9	12.0	14.2	21.0
29	17,400	5.10	29,000	8.50	32,097	9.41	1,171	2,050	2,743	5.3	9.3	12.4	14.1	21.0
30	18,000	5.28	30,000	8.79	33,133	9.71	1,218	2,132	2,838	5.5	9.7	12.9	14.1	20.9
31	18,600	5.45	31,000	9.09	34,169	10.01	1,266	2,215	2,933	5.7	10.0	13.3	14.0	20.9
32	19,200	5.63	32,000	9.38	35,206	10.32	1,314	2,299	3,029	5.9	10.4	13.7	13.9	20.8
33	19,800	5.80	33,000	9.67	36,242	10.62	1,362	2,384	3,125	6.2	10.8	14.2	13.8	20.8
34	20,400	5.98	34,000	9.96	37,278	10.93	1,411	2,470	3,221	6.4	11.2	14.6	13.8	20.7
35	21,000	6.15	35,000	10.26	38,314	11.23	1,461	2,556	3,318	6.6	11.6	15.0	13.7	20.6
36	21,600	6.33	36,000	10.55	39,350	11.53	1,511	2,644	3,416	6.8	12.0	15.5	13.6	20.6
37	22,200	6.51	37,000	10.84	40,386	11.84	1,562	2,733	3,514	7.1	12.4	15.9	13.5	20.5
38	22,800	6.68	38,000	11.14	41,422	12.14	1,613	2,823	3,612	7.3	12.8	16.4	13.5	20.5
39	23,400	6.86	39,000	11.43	42,458	12.44	1,665	2,913	3,711	7.5	13.2	16.8	13.4	20.4
40	24,000	7.03	40,000	11.72	43,494	12.75	1,717	3,005	3,810	7.8	13.6	17.3	13.3	20.4
41	24,600	7.21	41,000	12.02	44,531	13.05	1,770	3,098	3,910	8.0	14.0	17.7	13.2	20.3
42	25,200	7.39	42,000	12.31	45,567	13.35	1,824	3,192	4,010	8.3	14.5	18.2	13.2	20.2
43	25,800	7.56	43,000	12.60	46,603	13.66	1,878	3,287	4,111	8.5	14.9	18.6	13.1	20.2
44	26,400	7.74	44,000	12.90	47,639	13.96	1,933	3,383	4,212	8.8	15.3	19.1	13.0	20.1
45	27,000	7.91	45,000	13.19	48,675	14.27	1,989	3,481	4,314	9.0	15.8	19.5	12.9	20.1
46	27,600	8.09	46,000	13.48	49,711	14.57	2,045	3,579	4,416	9.3	16.2	20.0	12.9	20.0
47	28,200	8.26	47,000	13.77	50,747	14.87	2,102	3,679	4,518	9.5	16.7	20.5	12.8	20.0
48	28,800	8.44	48,000	14.07	51,783	15.18	2,160	3,780	4,621	9.8	17.1	20.9	12.7	19.9
49	29,050	8.51	48,417	14.19	52,819	15.48	2,183	3,820	4,721	9.9	17.3	21.4	12.7	19.8
50	29,300	8.59	48,833	14.31	53,856	15.78	2,206	3,861	4,821	10.0	17.5	21.8	12.6	19.8
51	29,550	8.66	49,250	14.43	54,892	16.09	2,229	3,901	4,921	10.1	17.7	22.3	12.6	19.7
52	29,800	8.73	49,667	14.56	55,928	16.39	2,253	3,942	5,021	10.2	17.9	22.7	12.6	19.7
53	30,050	8.81	50,083	14.68	56,964	16.70	2,276	3,983	5,122	10.3	18.0	23.2	12.6	19.6
54	30,300	8.88	50,500	14.80	58,000	17.00	2,299	4,024	5,222	10.4	18.2	23.7	12.5	19.6
55	30,550	8.95	50,500	14.92	58,867	17.25	2,326	4,049	5,311	10.5	18.3	24.1	12.5	19.6
56	30,800	9.03	50,500	15.04	59,733	17.51	2,353	4,073	5,400	10.7	18.4	24.5	12.4	19.6
57	31,050	9.10	50,500	15.17	60,600	17.76	2,380	4,098	5,489	10.8	18.5	24.9	12.3	19.6
58	31,300	9.17	50,500	15.29	61,467	18.01	2,407	4,123	5,579	10.9	18.6	25.3	12.2	19.6
59	31,550	9.25	50,500	15.41	62,333	18.27	2,435	4,149	5,669	11.0	18.7	25.7	12.2	19.6
60	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
61	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
62	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
63	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
64	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
65	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
66	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
67	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
68	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
69	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
70	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
71	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
72	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6
73	31,800	9.32	50,500	15.53	63,200	18.52	2,462	4,174	5,759	11.2	18.8	26.1	12.1	19.6

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

# MULTI F MAX KUMXB541A

MULTI F  
MULTI F MAX

## Rated Heating Combination Table

Table 35: KUMXB541A with Non-Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Heating Capacity						Input (W)			Running Current (W)			COP	HSPF2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	12,420	3.64	20,700	6.07	23,800	6.98	747	1,319	1,849	3.4	6.0	8.4	4.6	10.5
19	13,086	3.84	21,810	6.39	24,900	7.30	793	1,401	1,944	3.6	6.3	8.8	4.6	10.5
20	13,752	4.03	22,920	6.72	26,000	7.62	840	1,484	2,039	3.8	6.7	9.2	4.5	10.5
21	14,418	4.23	24,030	7.04	27,100	7.94	888	1,569	2,134	4.0	7.1	9.7	4.5	10.4
22	15,084	4.42	25,140	7.37	28,200	8.26	937	1,655	2,230	4.2	7.5	10.1	4.5	10.4
23	15,750	4.62	26,250	7.69	29,300	8.59	986	1,742	2,327	4.5	7.9	10.5	4.4	10.4
24	16,416	4.81	27,360	8.02	30,400	8.91	1,036	1,831	2,425	4.7	8.3	11.0	4.4	10.4
25	17,082	5.01	28,470	8.34	31,500	9.23	1,087	1,921	2,524	4.9	8.7	11.4	4.3	10.3
26	17,748	5.20	29,580	8.67	32,600	9.55	1,139	2,013	2,623	5.2	9.1	11.9	4.3	10.3
27	18,414	5.40	30,690	8.99	33,700	9.88	1,192	2,106	2,724	5.4	9.5	12.3	4.3	10.3
28	19,080	5.59	31,800	9.32	34,800	10.20	1,246	2,202	2,825	5.6	10.0	12.8	4.2	10.3
29	19,746	5.79	32,910	9.65	35,900	10.52	1,301	2,298	2,928	5.9	10.4	13.3	4.2	10.2
30	20,412	5.98	34,020	9.97	37,000	10.84	1,357	2,397	3,031	6.1	10.9	13.7	4.2	10.2
31	21,078	6.18	35,130	10.30	38,100	11.17	1,413	2,497	3,135	6.4	11.3	14.2	4.1	10.2
32	21,744	6.37	36,240	10.62	39,200	11.49	1,471	2,599	3,240	6.7	11.8	14.7	4.1	10.2
33	22,410	6.57	37,350	10.95	40,300	11.81	1,530	2,703	3,346	6.9	12.2	15.2	4.1	10.1
34	23,076	6.76	38,460	11.27	41,400	12.13	1,590	2,809	3,453	7.2	12.7	15.6	4.0	10.1
35	23,742	6.96	39,570	11.60	42,500	12.46	1,651	2,916	3,561	7.5	13.2	16.1	4.0	10.1
36	24,408	7.15	40,680	11.92	43,600	12.78	1,713	3,026	3,670	7.8	13.7	16.6	3.9	10.1
37	25,074	7.35	41,790	12.25	44,700	13.10	1,776	3,138	3,780	8.0	14.2	17.1	3.9	10.0
38	25,740	7.54	42,900	12.57	45,800	13.42	1,841	3,252	3,891	8.3	14.7	17.6	3.9	10.0
39	26,406	7.74	44,010	12.90	46,900	13.75	1,906	3,368	4,003	8.6	15.3	18.1	3.8	10.0
40	27,072	7.93	45,120	13.22	48,000	14.07	1,973	3,486	4,116	8.9	15.8	18.6	3.8	10.0
41	27,738	8.13	46,230	13.55	49,100	14.39	2,042	3,607	4,230	9.2	16.3	19.2	3.8	9.9
42	28,404	8.32	47,340	13.87	50,200	14.71	2,111	3,730	4,345	9.6	16.9	19.7	3.7	9.9
43	29,070	8.52	48,450	14.20	51,300	15.04	2,182	3,855	4,461	9.9	17.5	20.2	3.7	9.9
44	29,736	8.72	49,560	14.53	52,400	15.36	2,255	3,983	4,579	10.2	18.0	20.7	3.6	9.9
45	30,402	8.91	50,670	14.85	53,500	15.68	2,329	4,114	4,697	10.5	18.6	21.3	3.6	9.8
46	31,068	9.11	51,780	15.18	54,600	16.00	2,404	4,247	4,817	10.9	19.2	21.8	3.6	9.8
47	31,734	9.30	52,890	15.50	55,700	16.32	2,481	4,383	4,938	11.2	19.9	22.4	3.5	9.8
48	32,400	9.50	54,000	15.83	56,800	16.65	2,560	4,522	5,060	11.6	20.5	22.9	3.5	9.8
49	32,800	9.61	54,667	16.02	57,900	16.97	2,610	4,611	5,168	11.8	20.9	23.4	3.5	9.7
50	33,200	9.73	55,333	16.22	59,000	17.29	2,661	4,701	5,277	12.1	21.3	23.9	3.5	9.7
51	33,600	9.85	55,600	16.41	59,500	17.44	2,712	4,792	5,333	12.3	21.7	24.2	3.4	9.7
52	34,000	9.96	56,667	16.61	60,000	17.58	2,765	4,885	5,389	12.5	22.1	24.4	3.4	9.6
53	34,400	10.08	57,333	16.80	60,500	17.73	2,818	4,979	5,445	12.8	22.5	24.7	3.4	9.6
54	34,800	10.20	58,000	17.00	61,000	17.88	2,872	5,074	5,501	13.0	23.0	24.9	3.4	9.5
55	34,800	10.20	58,000	17.00	61,500	18.02	2,872	5,074	5,555	13.0	23.0	25.2	3.4	9.5
56	34,800	10.20	58,000	17.00	62,000	18.17	2,872	5,074	5,608	13.0	23.0	25.4	3.4	9.5
57	34,800	10.20	58,000	17.00	62,500	18.32	2,872	5,074	5,662	13.0	23.0	25.6	3.4	9.5
58	34,800	10.20	58,000	17.00	63,000	18.46	2,872	5,074	5,716	13.0	23.0	25.9	3.4	9.5
59	34,800	10.20	58,000	17.00	63,500	18.61	2,872	5,074	5,771	13.0	23.0	26.1	3.4	9.5
60	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
61	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
62	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
63	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
64	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
65	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
66	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
67	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
68	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
69	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
70	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
71	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
72	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5
73	34,800	10.20	58,000	17.00	64,000	18.76	2,872	5,074	5,825	13.0	23.0	26.4	3.4	9.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.



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Table 36: KUMXB541A with Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Heating Capacity						Input (W)			Running Current (W)			COP	HSPF2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	12,420	3.64	20,700	6.07	23,800	6.98	808	1,427	1,931	3.7	6.5	8.7	4.3	10.5
19	13,086	3.84	21,810	6.39	24,900	7.30	857	1,514	2,028	3.9	6.9	9.2	4.2	10.5
20	13,752	4.03	22,920	6.72	26,000	7.62	907	1,602	2,125	4.1	7.3	9.6	4.2	10.5
21	14,418	4.23	24,030	7.04	27,100	7.94	957	1,691	2,222	4.3	7.7	10.1	4.2	10.4
22	15,084	4.42	25,140	7.37	28,200	8.26	1,008	1,781	2,320	4.6	8.1	10.5	4.1	10.4
23	15,750	4.62	26,250	7.69	29,300	8.59	1,060	1,873	2,419	4.8	8.5	11.0	4.1	10.4
24	16,416	4.81	27,360	8.02	30,400	8.91	1,112	1,965	2,518	5.0	8.9	11.4	4.1	10.4
25	17,082	5.01	28,470	8.34	31,500	9.23	1,166	2,059	2,618	5.3	9.3	11.9	4.1	10.3
26	17,748	5.20	29,580	8.67	32,600	9.55	1,220	2,155	2,719	5.5	9.8	12.3	4.0	10.3
27	18,414	5.40	30,690	8.99	33,700	9.88	1,274	2,251	2,820	5.8	10.2	12.8	4.0	10.3
28	19,080	5.59	31,800	9.32	34,800	10.20	1,330	2,350	2,922	6.0	10.6	13.2	4.0	10.3
29	19,746	5.79	32,910	9.65	35,900	10.52	1,386	2,449	3,025	6.3	11.1	13.7	3.9	10.2
30	20,412	5.98	34,020	9.97	37,000	10.84	1,443	2,550	3,129	6.5	11.5	14.2	3.9	10.2
31	21,078	6.18	35,130	10.30	38,100	11.17	1,501	2,652	3,233	6.8	12.0	14.6	3.9	10.2
32	21,744	6.37	36,240	10.62	39,200	11.49	1,560	2,756	3,338	7.1	12.5	15.1	3.9	10.2
33	22,410	6.57	37,350	10.95	40,300	11.81	1,620	2,862	3,444	7.3	13.0	15.6	3.8	10.1
34	23,076	6.76	38,460	11.27	41,400	12.13	1,681	2,969	3,550	7.6	13.4	16.1	3.8	10.1
35	23,742	6.96	39,570	11.60	42,500	12.46	1,742	3,078	3,657	7.9	13.9	16.6	3.8	10.1
36	24,408	7.15	40,680	11.92	43,600	12.78	1,804	3,188	3,765	8.2	14.4	17.1	3.7	10.1
37	25,074	7.35	41,790	12.25	44,700	13.10	1,868	3,300	3,874	8.5	14.9	17.5	3.7	10.0
38	25,740	7.54	42,900	12.57	45,800	13.42	1,932	3,414	3,983	8.8	15.5	18.0	3.7	10.0
39	26,406	7.74	44,010	12.90	46,900	13.75	1,998	3,529	4,093	9.0	16.0	18.5	3.7	10.0
40	27,072	7.93	45,120	13.22	48,000	14.07	2,064	3,646	4,204	9.3	16.5	19.0	3.6	10.0
41	27,738	8.13	46,230	13.55	49,100	14.39	2,131	3,765	4,316	9.7	17.1	19.5	3.6	9.9
42	28,404	8.32	47,340	13.87	50,200	14.71	2,200	3,886	4,429	10.0	17.6	20.1	3.6	9.9
43	29,070	8.52	48,450	14.20	51,300	15.04	2,269	4,009	4,542	10.3	18.2	20.6	3.5	9.9
44	29,736	8.72	49,560	14.53	52,400	15.36	2,340	4,134	4,657	10.6	18.7	21.1	3.5	9.9
45	30,402	8.91	50,670	14.85	53,500	15.68	2,412	4,261	4,772	10.9	19.3	21.6	3.5	9.8
46	31,068	9.11	51,780	15.18	54,600	16.00	2,485	4,390	4,888	11.3	19.9	22.1	3.5	9.8
47	31,734	9.30	52,890	15.50	55,700	16.32	2,559	4,521	5,005	11.6	20.5	22.7	3.4	9.8
48	32,400	9.50	54,000	15.83	56,800	16.65	2,635	4,655	5,127	11.9	21.1	23.2	3.4	9.8
49	32,800	9.61	54,667	16.02	57,900	16.97	2,684	4,743	5,227	12.2	21.5	23.7	3.4	9.7
50	33,200	9.73	55,333	16.22	59,000	17.29	2,735	4,831	5,332	12.4	21.9	24.1	3.4	9.6
51	33,600	9.85	56,000	16.41	59,500	17.44	2,786	4,921	5,382	12.6	22.3	24.4	3.3	9.5
52	34,000	9.96	56,667	16.61	60,000	17.58	2,837	5,012	5,433	12.8	22.7	24.6	3.3	9.5
53	34,400	10.08	57,333	16.80	60,500	17.73	2,890	5,105	5,484	13.1	23.1	24.8	3.3	9.4
54	34,800	10.20	58,000	17.00	61,000	17.88	2,943	5,182	5,535	13.3	23.5	25.1	3.3	9.3
55	34,800	10.20	58,000	17.00	61,500	18.02	2,943	5,182	5,598	13.3	23.5	25.4	3.3	9.3
56	34,800	10.20	58,000	17.00	62,000	18.17	2,943	5,182	5,643	13.3	23.5	25.6	3.3	9.3
57	34,800	10.20	58,000	17.00	62,500	18.32	2,943	5,182	5,689	13.3	23.5	25.8	3.3	9.3
58	34,800	10.20	58,000	17.00	63,000	18.46	2,943	5,182	5,734	13.3	23.5	26.0	3.3	9.3
59	34,800	10.20	58,000	17.00	63,500	18.61	2,943	5,182	5,780	13.3	23.5	26.2	3.3	9.3
60	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
61	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
62	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
63	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
64	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
65	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
66	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
67	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
68	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
69	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
70	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
71	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
72	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3
73	34,800	10.20	58,000	17.00	64,000	18.76	2,943	5,182	5,825	13.3	23.5	26.4	3.3	9.3

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

# MULTI F MAX KUMXB541A

MULTI F  
MULTI F MAX

## Rated Heating Combination Table

Table 37: KUMXB541A with Mixed Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Heating Capacity						Input (W)			Running Current (W)			COP	HSPF2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	12,420	3.64	20,700	6.07	23,800	6.98	777	1,373	1,890	3.5	6.2	8.6	4.4	10.5
19	13,086	3.84	21,810	6.39	24,900	7.30	825	1,457	1,986	3.7	6.6	9.0	4.4	10.5
20	13,752	4.03	22,920	6.72	26,000	7.62	873	1,543	2,082	4.0	7.0	9.4	4.4	10.5
21	14,418	4.23	24,030	7.04	27,100	7.94	922	1,630	2,178	4.2	7.4	9.9	4.3	10.4
22	15,084	4.42	25,140	7.37	28,200	8.26	972	1,718	2,275	4.4	7.8	10.3	4.3	10.4
23	15,750	4.62	26,250	7.69	29,300	8.59	1,023	1,807	2,373	4.6	8.2	10.7	4.3	10.4
24	16,416	4.81	27,360	8.02	30,400	8.91	1,074	1,898	2,472	4.9	8.6	11.2	4.2	10.4
25	17,082	5.01	28,470	8.34	31,500	9.23	1,127	1,990	2,571	5.1	9.0	11.6	4.2	10.3
26	17,748	5.20	29,580	8.67	32,600	9.55	1,180	2,084	2,671	5.3	9.4	12.1	4.2	10.3
27	18,414	5.40	30,690	8.99	33,700	9.88	1,233	2,179	2,772	5.6	9.9	12.6	4.1	10.3
28	19,080	5.59	31,800	9.32	34,800	10.20	1,288	2,276	2,874	5.8	10.3	13.0	4.1	10.3
29	19,746	5.79	32,910	9.65	35,900	10.52	1,344	2,374	2,976	6.1	10.8	13.5	4.1	10.2
30	20,412	5.98	34,020	9.97	37,000	10.84	1,400	2,473	3,080	6.3	11.2	13.9	4.0	10.2
31	21,078	6.18	35,130	10.30	38,100	11.17	1,457	2,575	3,184	6.6	11.7	14.4	4.0	10.2
32	21,744	6.37	36,240	10.62	39,200	11.49	1,516	2,678	3,289	6.9	12.1	14.9	4.0	10.2
33	22,410	6.57	37,350	10.95	40,300	11.81	1,575	2,782	3,395	7.1	12.6	15.4	3.9	10.1
34	23,076	6.76	38,460	11.27	41,400	12.13	1,635	2,889	3,501	7.4	13.1	15.9	3.9	10.1
35	23,742	6.96	39,570	11.60	42,500	12.46	1,696	2,997	3,609	7.7	13.6	16.3	3.9	10.1
36	24,408	7.15	40,680	11.92	43,600	12.78	1,759	3,107	3,717	8.0	14.1	16.8	3.8	10.1
37	25,074	7.35	41,790	12.25	44,700	13.10	1,822	3,219	3,827	8.3	14.6	17.3	3.8	10.0
38	25,740	7.54	42,900	12.57	45,800	13.42	1,886	3,333	3,937	8.5	15.1	17.8	3.8	10.0
39	26,406	7.74	44,010	12.90	46,900	13.75	1,952	3,448	4,048	8.8	15.6	18.3	3.7	10.0
40	27,072	7.93	45,120	13.22	48,000	14.07	2,019	3,566	4,160	9.1	16.2	18.8	3.7	10.0
41	27,738	8.13	46,230	13.55	49,100	14.39	2,086	3,686	4,273	9.4	16.7	19.4	3.7	9.9
42	28,404	8.32	47,340	13.87	50,200	14.71	2,156	3,808	4,387	9.8	17.2	19.9	3.6	9.9
43	29,070	8.52	48,450	14.20	51,300	15.04	2,226	3,932	4,502	10.1	17.8	20.4	3.6	9.9
44	29,736	8.72	49,560	14.53	52,400	15.36	2,297	4,059	4,618	10.4	18.4	20.9	3.6	9.9
45	30,402	8.91	50,670	14.85	53,500	15.68	2,370	4,187	4,735	10.7	19.0	21.4	3.5	9.8
46	31,068	9.11	51,780	15.18	54,600	16.00	2,445	4,319	4,852	11.1	19.6	22.0	3.5	9.8
47	31,734	9.30	52,890	15.50	55,700	16.32	2,520	4,452	4,971	11.4	20.2	22.5	3.5	9.8
48	32,400	9.50	54,000	15.83	56,800	16.65	2,597	4,588	5,093	11.8	20.8	23.1	3.4	9.8
49	32,800	9.61	54,667	16.02	57,900	16.97	2,647	4,677	5,198	12.0	21.2	23.5	3.4	9.7
50	33,200	9.73	55,333	16.22	59,000	17.29	2,698	4,766	5,304	12.2	21.6	24.0	3.4	9.7
51	33,600	9.85	55,800	16.41	59,500	17.44	2,749	4,857	5,358	12.5	22.0	24.3	3.4	9.6
52	34,000	9.96	56,667	16.61	60,000	17.58	2,801	4,949	5,411	12.7	22.4	24.5	3.4	9.6
53	34,400	10.08	57,333	16.80	60,500	17.73	2,854	5,042	5,464	12.9	22.8	24.7	3.3	9.5
54	34,800	10.20	58,000	17.00	61,000	17.88	2,907	5,128	5,518	13.2	23.3	25.0	3.3	9.4
55	34,800	10.20	58,000	17.00	61,500	18.02	2,907	5,128	5,576	13.2	23.3	25.3	3.3	9.4
56	34,800	10.20	58,000	17.00	62,000	18.17	2,907	5,128	5,626	13.2	23.3	25.5	3.3	9.4
57	34,800	10.20	58,000	17.00	62,500	18.32	2,907	5,128	5,676	13.2	23.3	25.7	3.3	9.4
58	34,800	10.20	58,000	17.00	63,000	18.46	2,907	5,128	5,725	13.2	23.3	25.9	3.3	9.4
59	34,800	10.20	58,000	17.00	63,500	18.61	2,907	5,128	5,775	13.2	23.3	26.2	3.3	9.4
60	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
61	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
62	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
63	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
64	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
65	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
66	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
67	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
68	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
69	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
70	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
71	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
72	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4
73	34,800	10.20	58,000	17.00	64,000	18.76	2,907	5,128	5,825	13.2	23.3	26.4	3.3	9.4

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.



The individual indoor unit capacity can be calculated based on the outdoor unit Rated capacity as follows<sup>1</sup>

$$\text{Individual Indoor Unit Combination Capacity (Qidu [Combi])} = \frac{\text{Outdoor Unit Rated Capacity (Qodu [Rated])} \times \text{Individual Indoor Unit Rated Capacity (Qidu [Rated])}{\text{Total Connected Indoor Unit Rated Capacity } (\sum \text{Qidu [Rated]})}$$

<sup>1</sup>To calculate the individual IDU capacity based on ODU Corrected capacity, replace (Qodu [Rated]) with (Qodu [Corrected]) where (Qodu [Corrected]) is obtained from the capacity tables referencing design conditions.

Table 38: KUMXB601A with Non-Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	10,800	3.17	18,000	5.28	20,700	6.07	643	1,125	1,617	2.9	5.1	7.3	16.0	22.5
19	11,400	3.34	19,000	5.57	21,755	6.38	682	1,194	1,705	3.1	5.4	7.7	15.9	22.5
20	12,000	3.52	20,000	5.86	22,810	6.69	722	1,263	1,794	3.3	5.7	8.1	15.8	22.4
21	12,600	3.69	21,000	6.15	23,864	6.99	762	1,333	1,883	3.5	6.0	8.5	15.8	22.4
22	13,200	3.87	22,000	6.45	24,919	7.30	802	1,404	1,973	3.6	6.4	8.9	15.7	22.4
23	13,800	4.04	23,000	6.74	25,974	7.61	843	1,476	2,063	3.8	6.7	9.3	15.6	22.4
24	14,400	4.22	24,000	7.03	27,029	7.92	885	1,548	2,154	4.0	7.0	9.8	15.5	22.3
25	15,000	4.40	25,000	7.33	28,083	8.23	927	1,622	2,246	4.2	7.3	10.2	15.4	22.3
26	15,600	4.57	26,000	7.62	29,138	8.54	969	1,696	2,338	4.4	7.7	10.6	15.3	22.3
27	16,200	4.75	27,000	7.91	30,193	8.85	1,012	1,770	2,431	4.6	8.0	11.0	15.3	22.3
28	16,800	4.92	28,000	8.21	31,248	9.16	1,055	1,846	2,524	4.8	8.4	11.4	15.2	22.2
29	17,400	5.10	29,000	8.50	32,302	9.47	1,099	1,923	2,619	5.0	8.7	11.9	15.1	22.2
30	18,000	5.28	30,000	8.79	33,357	9.78	1,143	2,000	2,713	5.2	9.1	12.3	15.0	22.2
31	18,600	5.45	31,000	9.09	34,412	10.09	1,188	2,078	2,809	5.4	9.4	12.7	14.9	22.1
32	19,200	5.63	32,000	9.38	35,467	10.39	1,233	2,157	2,905	5.6	9.8	13.2	14.8	22.1
33	19,800	5.80	33,000	9.67	36,521	10.70	1,278	2,237	3,002	5.8	10.1	13.6	14.8	22.1
34	20,400	5.98	34,000	9.96	37,576	11.01	1,325	2,318	3,099	6.0	10.5	14.0	14.7	22.1
35	21,000	6.15	35,000	10.26	38,631	11.32	1,371	2,400	3,197	6.2	10.9	14.5	14.6	22.0
36	21,600	6.33	36,000	10.55	39,686	11.63	1,419	2,483	3,298	6.4	11.2	14.9	14.5	22.0
37	22,200	6.51	37,000	10.84	40,740	11.94	1,470	2,572	3,405	6.7	11.7	15.4	14.4	21.9
38	22,800	6.68	38,000	11.14	41,795	12.25	1,522	2,664	3,515	6.9	12.1	15.9	14.3	21.8
39	23,400	6.86	39,000	11.43	42,850	12.56	1,575	2,756	3,627	7.1	12.5	16.4	14.2	21.8
40	24,000	7.03	40,000	11.72	43,905	12.87	1,629	2,850	3,740	7.4	12.9	16.9	14.0	21.7
41	24,600	7.21	41,000	12.02	44,960	13.18	1,683	2,946	3,854	7.6	13.3	17.5	13.9	21.6
42	25,200	7.39	42,000	12.31	46,014	13.49	1,739	3,043	3,969	7.9	13.8	18.0	13.8	21.5
43	25,800	7.56	43,000	12.60	47,069	13.80	1,796	3,143	4,080	8.1	14.2	18.5	13.7	21.3
44	26,400	7.74	44,000	12.90	48,124	14.10	1,853	3,243	4,191	8.4	14.7	19.0	13.6	21.2
45	27,000	7.91	45,000	13.19	49,179	14.41	1,912	3,346	4,303	8.7	15.2	19.5	13.5	21.0
46	27,600	8.09	46,000	13.48	50,233	14.72	1,971	3,450	4,415	8.9	15.6	20.0	13.3	20.8
47	28,200	8.26	47,000	13.77	51,288	15.03	2,032	3,556	4,529	9.2	16.1	20.5	13.2	20.7
48	28,800	8.44	48,000	14.07	52,343	15.34	2,094	3,664	4,646	9.5	16.6	21.0	13.1	20.5
49	29,400	8.62	49,000	14.36	53,398	15.65	2,162	3,784	4,741	9.8	17.1	21.5	13.0	20.5
50	30,000	8.79	50,000	14.65	54,452	15.96	2,232	3,906	4,837	10.1	17.7	21.9	12.8	20.5
51	30,600	8.97	51,000	14.95	55,507	16.27	2,304	4,032	4,934	10.4	18.3	22.3	12.7	20.5
52	31,200	9.14	52,000	15.24	56,562	16.58	2,377	4,160	5,031	10.8	18.8	22.8	12.5	20.5
53	31,800	9.32	53,000	15.53	57,617	16.89	2,452	4,291	5,128	11.1	19.4	23.2	12.4	20.5
54	32,400	9.50	54,000	15.83	58,671	17.20	2,529	4,426	5,225	11.5	20.0	23.7	12.2	20.5
55	33,000	9.67	55,000	16.12	59,726	17.50	2,608	4,564	5,322	11.8	20.7	24.1	12.1	20.5
56	33,600	9.85	56,000	16.41	60,781	17.81	2,689	4,665	5,419	12.2	21.1	24.5	12.0	20.5
57	34,200	10.02	56,000	16.41	61,836	18.12	2,772	4,665	5,516	12.6	21.1	25.0	12.0	20.5
58	34,800	10.20	56,000	16.41	62,890	18.43	2,857	4,665	5,614	12.9	21.1	25.4	12.0	20.5
59	35,400	10.38	56,000	16.41	63,945	18.74	2,944	4,665	5,711	13.3	21.1	25.9	12.0	20.5
60	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

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## Rated Cooling Combination Table

Table 39: KUMXB601A with Non-Ducted Indoor Units — Rated Cooling Combination Table, continued.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
61	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
62	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
63	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
64	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
65	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
66	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
67	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
68	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
69	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
70	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
71	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
72	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
73	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
74	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
75	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
76	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
77	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
78	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
79	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
80	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5
81	36,000	10.55	56,000	16.41	65,000	19.05	3,034	4,665	5,810	13.7	21.1	26.3	12.0	20.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

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Table 40: KUMXB601A with Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	10,800	3.17	18,000	5.28	20,700	6.07	695	1,216	1,748	3.1	5.5	7.9	14.8	21.0
19	11,400	3.34	19,000	5.57	21,755	6.38	737	1,290	1,841	3.3	5.8	8.3	14.7	20.9
20	12,000	3.52	20,000	5.86	22,810	6.69	780	1,365	1,933	3.5	6.2	8.8	14.7	20.8
21	12,600	3.69	21,000	6.15	23,864	6.99	823	1,440	2,026	3.7	6.5	9.2	14.6	20.7
22	13,200	3.87	22,000	6.45	24,919	7.30	866	1,516	2,119	3.9	6.9	9.6	14.5	20.6
23	13,800	4.04	23,000	6.74	25,974	7.61	910	1,593	2,212	4.1	7.2	10.0	14.4	20.4
24	14,400	4.22	24,000	7.03	27,029	7.92	955	1,671	2,306	4.3	7.6	10.4	14.4	20.3
25	15,000	4.40	25,000	7.33	28,083	8.23	999	1,749	2,400	4.5	7.9	10.9	14.3	20.2
26	15,600	4.57	26,000	7.62	29,138	8.54	1,045	1,828	2,495	4.7	8.3	11.3	14.2	20.1
27	16,200	4.75	27,000	7.91	30,193	8.85	1,090	1,908	2,589	4.9	8.6	11.7	14.2	20.0
28	16,800	4.92	28,000	8.21	31,248	9.16	1,137	1,989	2,685	5.1	9.0	12.2	14.1	19.9
29	17,400	5.10	29,000	8.50	32,302	9.47	1,183	2,071	2,780	5.4	9.4	12.6	14.0	19.8
30	18,000	5.28	30,000	8.79	33,357	9.78	1,230	2,153	2,876	5.6	9.8	13.0	13.9	19.7
31	18,600	5.45	31,000	9.09	34,412	10.09	1,278	2,236	2,972	5.8	10.1	13.5	13.9	19.6
32	19,200	5.63	32,000	9.38	35,467	10.39	1,326	2,321	3,068	6.0	10.5	13.9	13.8	19.4
33	19,800	5.80	33,000	9.67	36,521	10.70	1,375	2,406	3,165	6.2	10.9	14.3	13.7	19.3
34	20,400	5.98	34,000	9.96	37,576	11.01	1,424	2,492	3,262	6.4	11.3	14.8	13.6	19.2
35	21,000	6.15	35,000	10.26	38,631	11.32	1,474	2,579	3,359	6.7	11.7	15.2	13.6	19.1
36	21,600	6.33	36,000	10.55	39,686	11.63	1,524	2,667	3,458	6.9	12.1	15.7	13.5	19.0
37	22,200	6.51	37,000	10.84	40,740	11.94	1,575	2,756	3,556	7.1	12.5	16.1	13.4	19.0
38	22,800	6.68	38,000	11.14	41,795	12.25	1,627	2,846	3,654	7.4	12.9	16.6	13.4	19.0
39	23,400	6.86	39,000	11.43	42,850	12.56	1,679	2,938	3,754	7.6	13.3	17.0	13.3	19.0
40	24,000	7.03	40,000	11.72	43,905	12.87	1,732	3,030	3,854	7.8	13.7	17.5	13.2	19.0
41	24,600	7.21	41,000	12.02	44,960	13.18	1,785	3,124	3,954	8.1	14.1	17.9	13.1	19.0
42	25,200	7.39	42,000	12.31	46,014	13.49	1,839	3,218	4,053	8.3	14.6	18.4	13.1	19.0
43	25,800	7.56	43,000	12.60	47,069	13.80	1,894	3,314	4,156	8.6	15.0	18.8	13.0	18.9
44	26,400	7.74	44,000	12.90	48,124	14.10	1,949	3,411	4,257	8.8	15.4	19.3	12.9	18.8
45	27,000	7.91	45,000	13.19	49,179	14.41	2,005	3,509	4,360	9.1	15.9	19.7	12.8	18.8
46	27,600	8.09	46,000	13.48	50,233	14.72	2,062	3,608	4,463	9.3	16.3	20.2	12.8	18.7
47	28,200	8.26	47,000	13.77	51,288	15.03	2,119	3,708	4,566	9.6	16.8	20.7	12.7	18.6
48	28,800	8.44	48,000	14.07	52,343	15.34	2,177	3,810	4,668	9.9	17.3	21.1	12.6	18.5
49	29,400	8.62	49,000	14.36	53,398	15.65	2,246	3,930	4,771	10.2	17.8	21.6	12.5	18.5
50	30,000	8.79	50,000	14.65	54,452	15.96	2,317	4,054	4,873	10.5	18.4	22.1	12.3	18.5
51	30,600	8.97	51,000	14.95	55,507	16.27	2,389	4,180	4,975	10.8	18.9	22.5	12.2	18.5
52	31,200	9.14	52,000	15.24	56,562	16.58	2,463	4,309	5,077	11.2	19.5	23.0	12.1	18.5
53	31,800	9.32	53,000	15.53	57,617	16.89	2,538	4,441	5,180	11.5	20.1	23.5	11.9	18.5
54	32,400	9.50	54,000	15.83	58,671	17.20	2,615	4,576	5,283	11.8	20.7	23.9	11.8	18.5
55	33,000	9.67	55,000	16.12	59,726	17.50	2,694	4,714	5,387	12.2	21.4	24.4	11.7	18.5
56	33,600	9.85	56,000	16.41	60,781	17.81	2,775	4,855	5,491	12.6	22.0	24.9	11.7	18.5
57	34,200	10.02	57,000	16.71	61,836	18.12	2,857	5,000	5,595	12.9	22.6	25.3	11.7	18.5
58	34,800	10.20	58,000	17.00	62,890	18.43	2,942	5,148	5,699	13.3	23.3	25.8	11.7	18.5
59	35,400	10.38	59,000	17.29	63,945	18.74	3,028	5,299	5,804	13.7	24.0	26.3	11.7	18.5
60	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

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## Rated Cooling Combination Table

Table 41: KUMXB601A with Ducted Indoor Units — Rated Cooling Combination Table, continued.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
61	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
62	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
63	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
64	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
65	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
66	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
67	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
68	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
69	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
70	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
71	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
72	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
73	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
74	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
75	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
76	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
77	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
78	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
79	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
80	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5
81	36,000	10.55	60,000	17.58	64,000	18.76	3,117	5,455	5,818	14.1	24.7	26.4	11.7	18.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

Table 42: KUMXB601A with Mixed Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	10,800	3.17	18,000	5.28	20,700	6.07	669	1,171	1,683	3.0	5.3	7.6	15.4	21.8
19	11,400	3.34	19,000	5.57	21,755	6.38	710	1,242	1,773	3.2	5.6	8.0	15.3	21.7
20	12,000	3.52	20,000	5.86	22,810	6.69	751	1,314	1,863	3.4	6.0	8.4	15.2	21.6
21	12,600	3.69	21,000	6.15	23,864	6.99	792	1,387	1,954	3.6	6.3	8.9	15.1	21.5
22	13,200	3.87	22,000	6.45	24,919	7.30	834	1,460	2,046	3.8	6.6	9.3	15.1	21.5
23	13,800	4.04	23,000	6.74	25,974	7.61	877	1,534	2,138	4.0	6.9	9.7	15.0	21.4
24	14,400	4.22	24,000	7.03	27,029	7.92	920	1,609	2,230	4.2	7.3	10.1	14.9	21.3
25	15,000	4.40	25,000	7.33	28,083	8.23	963	1,685	2,323	4.4	7.6	10.5	14.8	21.3
26	15,600	4.57	26,000	7.62	29,138	8.54	1,007	1,762	2,416	4.6	8.0	10.9	14.8	21.2
27	16,200	4.75	27,000	7.91	30,193	8.85	1,051	1,839	2,510	4.8	8.3	11.4	14.7	21.1
28	16,800	4.92	28,000	8.21	31,248	9.16	1,096	1,918	2,604	5.0	8.7	11.8	14.6	21.1
29	17,400	5.10	29,000	8.50	32,302	9.47	1,141	1,997	2,699	5.2	9.0	12.2	14.5	21.0
30	18,000	5.28	30,000	8.79	33,357	9.78	1,187	2,077	2,795	5.4	9.4	12.7	14.4	20.9
31	18,600	5.45	31,000	9.09	34,412	10.09	1,233	2,157	2,890	5.6	9.8	13.1	14.4	20.8
32	19,200	5.63	32,000	9.38	35,467	10.39	1,279	2,239	2,987	5.8	10.1	13.5	14.3	20.8
33	19,800	5.80	33,000	9.67	36,521	10.70	1,327	2,322	3,083	6.0	10.5	14.0	14.2	20.7
34	20,400	5.98	34,000	9.96	37,576	11.01	1,374	2,405	3,181	6.2	10.9	14.4	14.1	20.6
35	21,000	6.15	35,000	10.26	38,631	11.32	1,423	2,489	3,278	6.4	11.3	14.8	14.1	20.6
36	21,600	6.33	36,000	10.55	39,686	11.63	1,471	2,575	3,378	6.7	11.7	15.3	14.0	20.5
37	22,200	6.51	37,000	10.84	40,740	11.94	1,522	2,664	3,480	6.9	12.1	15.8	13.9	20.5
38	22,800	6.68	38,000	11.14	41,795	12.25	1,574	2,755	3,585	7.1	12.5	16.2	13.8	20.4
39	23,400	6.86	39,000	11.43	42,850	12.56	1,627	2,847	3,690	7.4	12.9	16.7	13.7	20.4
40	24,000	7.03	40,000	11.72	43,905	12.87	1,680	2,940	3,797	7.6	13.3	17.2	13.6	20.3
41	24,600	7.21	41,000	12.02	44,960	13.18	1,734	3,035	3,904	7.9	13.7	17.7	13.5	20.3
42	25,200	7.39	42,000	12.31	46,014	13.49	1,789	3,131	4,011	8.1	14.2	18.2	13.4	20.3
43	25,800	7.56	43,000	12.60	47,069	13.80	1,845	3,228	4,118	8.4	14.6	18.6	13.3	20.1
44	26,400	7.74	44,000	12.90	48,124	14.10	1,901	3,327	4,224	8.6	15.1	19.1	13.2	20.0
45	27,000	7.91	45,000	13.19	49,179	14.41	1,958	3,427	4,331	8.9	15.5	19.6	13.1	19.9
46	27,600	8.09	46,000	13.48	50,233	14.72	2,017	3,529	4,439	9.1	16.0	20.1	13.0	19.8
47	28,200	8.26	47,000	13.77	51,288	15.03	2,075	3,632	4,548	9.4	16.4	20.6	12.9	19.6
48	28,800	8.44	48,000	14.07	52,343	15.34	2,135	3,737	4,657	9.7	16.9	21.1	12.8	19.5
49	29,400	8.62	49,000	14.36	53,398	15.65	2,204	3,857	4,766	10.0	17.5	21.5	12.7	19.5
50	30,000	8.79	50,000	14.65	54,452	15.96	2,274	3,980	4,855	10.3	18.0	22.0	12.6	19.5
51	30,600	8.97	51,000	14.95	55,507	16.27	2,346	4,106	4,954	10.6	18.6	22.4	12.4	19.5
52	31,200	9.14	52,000	15.24	56,562	16.58	2,420	4,235	5,054	11.0	19.2	22.9	12.3	19.5
53	31,800	9.32	53,000	15.53	57,617	16.89	2,495	4,366	5,154	11.3	19.8	23.3	12.1	19.5
54	32,400	9.50	54,000	15.83	58,671	17.20	2,572	4,501	5,254	11.6	20.4	23.8	12.0	19.5
55	33,000	9.67	55,000	16.12	59,726	17.50	2,651	4,639	5,354	12.0	21.0	24.2	11.9	19.5
56	33,600	9.85	56,000	16.41	60,781	17.81	2,732	4,760	5,455	12.4	21.5	24.7	11.8	19.5
57	34,200	10.02	56,500	16.56	61,836	18.12	2,815	4,833	5,555	12.7	21.9	25.2	11.7	19.5
58	34,800	10.20	57,000	16.71	62,890	18.43	2,899	4,906	5,656	13.1	22.2	25.6	11.6	19.5
59	35,400	10.38	57,500	16.85	63,945	18.74	2,986	4,982	5,758	13.5	22.6	26.1	11.5	19.5
60	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

# MULTI F MAX KUMXB601A

MULTI F  
MULTI F MAX

## Rated Cooling Combination Table

Table 43: KUMXB601A with Mixed Indoor Units — Rated Cooling Combination Table, continued.

Total Indoor Unit Capacity (kBtu/h)	Total Cooling Capacity						Input (W)			Running Current (W)			EER2	SEER2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
61	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
62	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
63	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
64	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
65	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
66	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
67	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
68	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
69	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
70	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
71	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
72	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
73	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
74	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
75	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
76	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
77	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
78	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
79	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
80	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5
81	36,000	10.55	58,000	17.00	64,500	18.90	3,076	5,060	5,814	13.9	22.9	26.3	11.5	19.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

Table 44: KUMXB601A with Non-Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Heating Capacity						Input (W)			Running Current (W)			COP	HSPF2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	12,420	3.64	20,700	6.07	23,800	6.98	714	1,261	1,813	3.2	5.7	8.2	4.8	10.9
19	13,230	3.88	22,050	6.46	25,256	7.40	768	1,356	1,935	3.5	6.1	8.8	4.8	10.9
20	14,040	4.11	23,400	6.86	26,711	7.83	822	1,453	2,060	3.7	6.6	9.3	4.7	10.9
21	14,850	4.35	24,750	7.25	28,167	8.26	878	1,552	2,187	4.0	7.0	9.9	4.7	10.8
22	15,660	4.59	26,100	7.65	29,622	8.68	935	1,652	2,315	4.2	7.5	10.5	4.6	10.8
23	16,470	4.83	27,450	8.05	31,078	9.11	993	1,755	2,445	4.5	7.9	11.1	4.6	10.8
24	17,280	5.06	28,800	8.44	32,533	9.53	1,052	1,859	2,577	4.8	8.4	11.7	4.5	10.8
25	18,090	5.30	30,150	8.84	33,989	9.96	1,113	1,966	2,711	5.0	8.9	12.3	4.5	10.7
26	18,900	5.54	31,500	9.23	35,444	10.39	1,174	2,075	2,846	5.3	9.4	12.9	4.5	10.7
27	19,710	5.78	32,850	9.63	36,900	10.81	1,237	2,186	2,983	5.6	9.9	13.5	4.4	10.7
28	20,520	6.01	34,200	10.02	38,356	11.24	1,301	2,299	3,123	5.9	10.4	14.1	4.4	10.7
29	21,330	6.25	35,550	10.42	39,811	11.67	1,367	2,415	3,264	6.2	10.9	14.8	4.3	10.6
30	22,140	6.49	36,900	10.81	41,267	12.09	1,434	2,533	3,407	6.5	11.5	15.4	4.3	10.6
31	22,950	6.73	38,250	11.21	42,722	12.52	1,502	2,653	3,552	6.8	12.0	16.1	4.2	10.6
32	23,760	6.96	39,600	11.61	44,178	12.95	1,572	2,777	3,699	7.1	12.6	16.8	4.2	10.6
33	24,570	7.20	40,950	12.00	45,633	13.37	1,643	2,902	3,849	7.4	13.1	17.4	4.1	10.5
34	25,380	7.44	42,300	12.40	47,089	13.80	1,716	3,031	4,000	7.8	13.7	18.1	4.1	10.5
35	26,190	7.68	43,650	12.79	48,544	14.23	1,790	3,163	4,154	8.1	14.3	18.8	4.0	10.5
36	27,000	7.91	45,000	13.19	50,000	14.65	1,866	3,297	4,310	8.5	14.9	19.5	4.0	10.5
37	27,300	8.00	45,500	13.34	50,750	14.87	1,878	3,362	4,375	8.5	15.2	19.8	4.0	10.5
38	27,600	8.09	46,000	13.48	51,500	15.09	1,891	3,428	4,439	8.6	15.5	20.1	3.9	10.5
39	27,900	8.18	46,500	13.63	52,250	15.31	1,929	3,494	4,504	8.7	15.8	20.4	3.9	10.5
40	28,200	8.26	47,000	13.77	53,000	15.53	1,966	3,562	4,569	8.9	16.1	20.7	3.9	10.5
41	28,500	8.35	47,500	13.92	53,750	15.75	2,005	3,632	4,633	9.1	16.4	21.0	3.8	10.5
42	28,800	8.44	48,000	14.07	54,500	15.97	2,096	3,702	4,698	9.5	16.8	21.3	3.8	10.5
43	29,250	8.57	48,750	14.29	55,250	16.19	2,145	3,790	4,763	9.7	17.2	21.6	3.8	10.4
44	29,700	8.70	49,500	14.51	56,000	16.41	2,196	3,879	4,827	9.9	17.6	21.9	3.7	10.3
45	30,150	8.84	50,250	14.73	56,750	16.63	2,247	3,970	4,892	10.2	18.0	22.2	3.7	10.2
46	30,600	8.97	51,000	14.95	57,500	16.85	2,299	4,062	4,957	10.4	18.4	22.4	3.7	10.2
47	31,050	9.10	51,750	15.17	58,250	17.07	2,352	4,155	5,021	10.7	18.8	22.7	3.7	10.1
48	31,500	9.23	52,500	15.39	59,000	17.29	2,406	4,251	5,086	10.9	19.3	23.0	3.6	10.0
49	31,950	9.36	53,250	15.61	59,750	17.51	2,450	4,328	5,151	11.1	19.6	23.3	3.6	10.0
50	32,400	9.50	54,000	15.83	60,500	17.73	2,494	4,406	5,215	11.3	20.0	23.6	3.6	10.0
51	33,000	9.67	55,000	16.12	61,250	17.95	2,550	4,506	5,280	11.6	20.4	23.9	3.6	10.0
52	33,600	9.85	56,000	16.41	62,000	18.17	2,607	4,606	5,344	11.8	20.9	24.2	3.6	10.0
53	34,200	10.02	57,000	16.71	62,750	18.39	2,664	4,707	5,409	12.1	21.3	24.5	3.5	10.0
54	34,800	10.20	58,000	17.00	63,500	18.61	2,722	4,809	5,474	12.3	21.8	24.8	3.5	10.0
55	35,400	10.38	59,000	17.29	64,250	18.83	2,780	4,911	5,538	12.6	22.2	25.1	3.5	10.0
56	36,000	10.55	60,000	17.58	65,000	19.05	2,839	5,015	5,603	12.9	22.7	25.4	3.5	10.0
57	36,600	10.73	61,000	17.88	65,750	19.27	2,898	5,119	5,668	13.1	23.2	25.7	3.5	10.0
58	37,200	10.90	62,000	18.17	66,500	19.49	2,957	5,224	5,732	13.4	23.7	26.0	3.5	10.0
59	37,800	11.08	63,000	18.46	67,250	19.71	3,017	5,330	5,797	13.7	24.1	26.3	3.5	10.0
60	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

# MULTI F MAX KUMXB601A

MULTI F  
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## Rated Heating Combination Table

Table 45: KUMXB601A with Non-Ducted Indoor Units — Rated Heating Combination Table, continued.

Total Indoor Unit Capacity (kBtu/h)	Total Heating Capacity						Input (W)			Running Current (W)			COP	HSPF2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
61	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
62	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
63	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
64	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
65	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
66	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
67	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
68	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
69	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
70	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
71	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
72	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
73	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
74	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
75	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
76	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
77	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
78	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
79	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
80	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0
81	38,400	11.25	64,000	18.76	68,000	19.93	3,077	5,437	5,865	13.9	24.6	26.6	3.5	10.0

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

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Table 46: KUMXB601A with Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Heating Capacity						Input (W)			Running Current (W)			COP	HSPF2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	12,420	3.64	20,700	6.07	23,800	6.98	793	1,401	1,896	3.6	6.3	8.6	4.3	10.4
19	13,230	3.88	22,050	6.46	25,256	7.40	853	1,507	2,021	3.9	6.8	9.2	4.3	10.4
20	14,040	4.11	23,400	6.86	26,711	7.83	914	1,615	2,148	4.1	7.3	9.7	4.2	10.3
21	14,850	4.35	24,750	7.25	28,167	8.26	977	1,726	2,276	4.4	7.8	10.3	4.2	10.3
22	15,660	4.59	26,100	7.65	29,622	8.68	1,041	1,838	2,406	4.7	8.3	10.9	4.2	10.2
23	16,470	4.83	27,450	8.05	31,078	9.11	1,106	1,953	2,536	5.0	8.8	11.5	4.1	10.2
24	17,280	5.06	28,800	8.44	32,533	9.53	1,172	2,071	2,668	5.3	9.4	12.1	4.1	10.1
25	18,090	5.30	30,150	8.84	33,989	9.96	1,240	2,190	2,802	5.6	9.9	12.7	4.0	10.1
26	18,900	5.54	31,500	9.23	35,444	10.39	1,309	2,313	2,936	5.9	10.5	13.3	4.0	10.0
27	19,710	5.78	32,850	9.63	36,900	10.81	1,380	2,437	3,072	6.2	11.0	13.9	4.0	10.0
28	20,520	6.01	34,200	10.02	38,356	11.24	1,452	2,565	3,210	6.6	11.6	14.5	3.9	9.9
29	21,330	6.25	35,550	10.42	39,811	11.67	1,526	2,695	3,349	6.9	12.2	15.2	3.9	9.9
30	22,140	6.49	36,900	10.81	41,267	12.09	1,601	2,829	3,489	7.3	12.8	15.8	3.8	9.8
31	22,950	6.73	38,250	11.21	42,722	12.52	1,678	2,965	3,630	7.6	13.4	16.4	3.8	9.8
32	23,760	6.96	39,600	11.61	44,178	12.95	1,757	3,104	3,774	8.0	14.1	17.1	3.7	9.7
33	24,570	7.20	40,950	12.00	45,633	13.37	1,838	3,247	3,918	8.3	14.7	17.7	3.7	9.7
34	25,380	7.44	42,300	12.40	47,089	13.80	1,920	3,392	4,064	8.7	15.4	18.4	3.7	9.6
35	26,190	7.68	43,650	12.79	48,544	14.23	2,005	3,542	4,212	9.1	16.0	19.1	3.6	9.6
36	27,000	7.91	45,000	13.19	50,000	14.65	2,091	3,694	4,367	9.5	16.7	19.8	3.6	9.5
37	27,300	8.00	45,500	13.34	50,750	14.87	2,119	3,744	4,430	9.6	17.0	20.1	3.6	9.5
38	27,600	8.09	46,000	13.48	51,500	15.09	2,148	3,794	4,499	9.7	17.2	20.4	3.6	9.5
39	27,900	8.18	46,500	13.63	52,250	15.31	2,176	3,844	4,568	9.9	17.4	20.7	3.5	9.5
40	28,200	8.26	47,000	13.77	53,000	15.53	2,205	3,895	4,637	10.0	17.6	21.0	3.5	9.5
41	28,500	8.35	47,500	13.92	53,750	15.75	2,233	3,946	4,706	10.1	17.9	21.3	3.5	9.5
42	28,800	8.44	48,000	14.07	54,500	15.97	2,262	3,997	4,775	10.2	18.1	21.6	3.5	9.5
43	29,250	8.57	48,750	14.29	55,250	16.19	2,305	4,073	4,845	10.4	18.4	21.9	3.5	9.5
44	29,700	8.70	49,500	14.51	56,000	16.41	2,348	4,149	4,914	10.6	18.8	22.3	3.5	9.5
45	30,150	8.84	50,250	14.73	56,750	16.63	2,392	4,226	4,984	10.8	19.1	22.6	3.5	9.5
46	30,600	8.97	51,000	14.95	57,500	16.85	2,436	4,303	5,053	11.0	19.5	22.9	3.5	9.5
47	31,050	9.10	51,750	15.17	58,250	17.07	2,480	4,381	5,123	11.2	19.8	23.2	3.5	9.5
48	31,500	9.23	52,500	15.39	59,000	17.29	2,525	4,460	5,193	11.4	20.2	23.5	3.5	9.5
49	31,950	9.36	53,250	15.61	59,750	17.51	2,568	4,537	5,263	11.6	20.5	23.8	3.4	9.5
50	32,400	9.50	54,000	15.83	60,500	17.73	2,612	4,614	5,333	11.8	20.9	24.2	3.4	9.5
51	33,000	9.67	55,000	16.12	61,250	17.95	2,668	4,713	5,403	12.1	21.3	24.5	3.4	9.5
52	33,600	9.85	56,000	16.41	62,000	18.17	2,724	4,813	5,473	12.3	21.8	24.8	3.4	9.5
53	34,200	10.02	57,000	16.71	62,750	18.39	2,781	4,913	5,544	12.6	22.3	25.1	3.4	9.5
54	34,800	10.20	58,000	17.00	63,500	18.61	2,838	5,014	5,614	12.9	22.7	25.4	3.4	9.5
55	35,400	10.38	59,000	17.29	64,250	18.83	2,896	5,116	5,685	13.1	23.2	25.7	3.4	9.5
56	36,000	10.55	60,000	17.58	65,000	19.05	2,954	5,218	5,755	13.4	23.6	26.1	3.4	9.5
57	36,600	10.73	61,000	17.88	65,750	19.27	3,012	5,321	5,826	13.6	24.1	26.4	3.4	9.5
58	37,200	10.90	62,000	18.17	66,500	19.49	3,070	5,424	5,897	13.9	24.6	26.7	3.4	9.5
59	37,800	11.08	63,000	18.46	67,250	19.71	3,129	5,528	5,968	14.2	25.0	27.0	3.3	9.5
60	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.  
<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.  
<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.  
<sup>5</sup>At least two indoor units must be connected.

# MULTI F MAX KUMXB601A

MULTI F  
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## Rated Heating Combination Table

Table 47: KUMXB601A with Ducted Indoor Units — Rated Heating Combination Table, continued.

Total Indoor Unit Capacity (kBtu/h)	Total Heating Capacity						Input (W)			Running Current (W)			COP	HSPF2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
61	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
62	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
63	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
64	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
65	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
66	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
67	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
68	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
69	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
70	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
71	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
72	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
73	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
74	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
75	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
76	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
77	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
78	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
79	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
80	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5
81	38,400	11.25	64,000	18.76	68,000	19.93	3,188	5,633	5,985	14.4	25.5	27.1	3.3	9.5

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

<sup>5</sup>At least two indoor units must be connected.

Table 48: KUMXB601A with Mixed Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Total Heating Capacity						Input (W)			Running Current (W)			COP	HSPF2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
18	12,420	3.64	20,700	6.07	23,800	6.98	754	1,331	1,854	3.4	6.0	8.4	4.6	10.7
19	13,230	3.88	22,050	6.46	25,256	7.40	810	1,432	1,978	3.7	6.5	9.0	4.5	10.7
20	14,040	4.11	23,400	6.86	26,711	7.83	868	1,534	2,104	3.9	6.9	9.5	4.5	10.6
21	14,850	4.35	24,750	7.25	28,167	8.26	928	1,639	2,232	4.2	7.4	10.1	4.4	10.6
22	15,660	4.59	26,100	7.65	29,622	8.68	988	1,745	2,360	4.5	7.9	10.7	4.4	10.5
23	16,470	4.83	27,450	8.05	31,078	9.11	1,049	1,854	2,491	4.8	8.4	11.3	4.3	10.5
24	17,280	5.06	28,800	8.44	32,533	9.53	1,112	1,965	2,623	5.0	8.9	11.9	4.3	10.5
25	18,090	5.30	30,150	8.84	33,989	9.96	1,176	2,078	2,756	5.3	9.4	12.5	4.3	10.4
26	18,900	5.54	31,500	9.23	35,444	10.39	1,242	2,194	2,891	5.6	9.9	13.1	4.2	10.4
27	19,710	5.78	32,850	9.63	36,900	10.81	1,308	2,312	3,028	5.9	10.5	13.7	4.2	10.4
28	20,520	6.01	34,200	10.02	38,356	11.24	1,377	2,432	3,166	6.2	11.0	14.3	4.1	10.3
29	21,330	6.25	35,550	10.42	39,811	11.67	1,446	2,555	3,306	6.5	11.6	15.0	4.1	10.3
30	22,140	6.49	36,900	10.81	41,267	12.09	1,517	2,681	3,448	6.9	12.1	15.6	4.0	10.2
31	22,950	6.73	38,250	11.21	42,722	12.52	1,590	2,809	3,591	7.2	12.7	16.3	4.0	10.2
32	23,760	6.96	39,600	11.61	44,178	12.95	1,664	2,940	3,736	7.5	13.3	16.9	3.9	10.2
33	24,570	7.20	40,950	12.00	45,633	13.37	1,740	3,075	3,884	7.9	13.9	17.6	3.9	10.1
34	25,380	7.44	42,300	12.40	47,089	13.80	1,818	3,212	4,032	8.2	14.5	18.3	3.9	10.1
35	26,190	7.68	43,650	12.79	48,544	14.23	1,897	3,352	4,183	8.6	15.2	18.9	3.8	10.1
36	27,000	7.91	45,000	13.19	50,000	14.65	1,979	3,496	4,338	9.0	15.8	19.6	3.8	10.0
37	27,300	8.00	45,500	13.34	50,750	14.87	1,999	3,553	4,402	9.1	16.1	19.9	3.8	10.0
38	27,600	8.09	46,000	13.48	51,500	15.09	2,020	3,611	4,469	9.1	16.4	20.2	3.7	10.0
39	27,900	8.18	46,500	13.63	52,250	15.31	2,052	3,669	4,536	9.3	16.6	20.5	3.7	10.0
40	28,200	8.26	47,000	13.77	53,000	15.53	2,085	3,729	4,603	9.4	16.9	20.8	3.7	10.0
41	28,500	8.35	47,500	13.92	53,750	15.75	2,119	3,789	4,670	9.6	17.2	21.1	3.7	10.0
42	28,800	8.44	48,000	14.07	54,500	15.97	2,179	3,849	4,737	9.9	17.4	21.5	3.7	10.0
43	29,250	8.57	48,750	14.29	55,250	16.19	2,225	3,931	4,804	10.1	17.8	21.8	3.6	10.0
44	29,700	8.70	49,500	14.51	56,000	16.41	2,272	4,014	4,871	10.3	18.2	22.1	3.6	9.9
45	30,150	8.84	50,250	14.73	56,750	16.63	2,320	4,098	4,938	10.5	18.6	22.4	3.6	9.9
46	30,600	8.97	51,000	14.95	57,500	16.85	2,368	4,183	5,005	10.7	18.9	22.7	3.6	9.9
47	31,050	9.10	51,750	15.17	58,250	17.07	2,416	4,268	5,072	10.9	19.3	23.0	3.6	9.8
48	31,500	9.23	52,500	15.39	59,000	17.29	2,465	4,355	5,139	11.2	19.7	23.3	3.5	9.8
49	31,950	9.36	53,250	15.61	59,750	17.51	2,509	4,433	5,207	11.4	20.1	23.6	3.5	9.8
50	32,400	9.50	54,000	15.83	60,500	17.73	2,553	4,510	5,274	11.6	20.4	23.9	3.5	9.8
51	33,000	9.67	55,000	16.12	61,250	17.95	2,609	4,610	5,341	11.8	20.9	24.2	3.5	9.8
52	33,600	9.85	56,000	16.41	62,000	18.17	2,666	4,710	5,409	12.1	21.3	24.5	3.5	9.8
53	34,200	10.02	57,000	16.71	62,750	18.39	2,723	4,810	5,476	12.3	21.8	24.8	3.5	9.8
54	34,800	10.20	58,000	17.00	63,500	18.61	2,780	4,912	5,544	12.6	22.2	25.1	3.5	9.8
55	35,400	10.38	59,000	17.29	64,250	18.83	2,838	5,014	5,612	12.9	22.7	25.4	3.4	9.8
56	36,000	10.55	60,000	17.58	65,000	19.05	2,896	5,116	5,679	13.1	23.2	25.7	3.4	9.8
57	36,600	10.73	61,000	17.88	65,750	19.27	2,955	5,220	5,747	13.4	23.6	26.0	3.4	9.8
58	37,200	10.90	62,000	18.17	66,500	19.49	3,014	5,324	5,815	13.6	24.1	26.3	3.4	9.8
59	37,800	11.08	63,000	18.46	67,250	19.71	3,073	5,429	5,883	13.9	24.6	26.6	3.4	9.8
60	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:  
KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.  
<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.  
<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.  
<sup>5</sup>At least two indoor units must be connected.

# MULTI F MAX KUMXB601A

MULTI F  
MULTI F MAX

## Rated Heating Combination Table

Table 49: KUMXB601A with Mixed Indoor Units — Rated Heating Combination Table, continued.

Total Indoor Unit Capacity (kBtu/h)	Total Heating Capacity						Input (W)			Running Current (W)			COP	HSPF2
	Minimum		Rated		Maximum		Min.	Rated	Max.	Min.	Rated	Max.		
	Btu/h	kW	Btu/h	kW	Btu/h	kW								
61	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
62	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
63	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
64	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
65	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
66	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
67	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
68	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
69	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
70	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
71	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
72	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
73	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
74	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
75	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
76	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
77	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
78	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
79	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
80	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8
81	38,400	11.25	64,000	18.76	68,000	19.93	3,133	5,535	5,925	14.2	25.1	26.8	3.4	9.8

<sup>1</sup>Capacity is rated 0 ft. above sea level, with a 0 ft. level difference between ODU and IDUs, and the following refrigerant pipe lengths:

KUMXB481 / 541 / 601A: 16.4 ft. Main + (16.4 ft. Branch x 8) = 147.6 ft.

<sup>2</sup>Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

<sup>3</sup>Wiring cable size must comply with the applicable local and national codes.

<sup>4</sup>The specification may be subject to change without prior notice for purpose of improvement.

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R32 Multi F and Multi F MAX Outdoor Unit Combination Dta Manual

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LG Electronics, U.S.A., Inc.  
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4300 North Point Parkway  
Alpharetta, Georgia 30022  
www.lghvac.com

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