Job Name/Location: **Tag No:**

Date:

PO No.:

For: ☐ File ☐ Resubmit ☐ Approval ☐ Other

Architect: **GC:**

Engr: **Mech:**

Rep:
(Company) (Project Manager)

ARUM048GSS5

Multi V™ S with LGRED° Outdoor Unit
4.0 Ton Heat Pump and Heat Recovery

LG Life's Good

Performance:

Cooling Mode:

Rated Capacity (Btu/h)	48,000
Power Input (kW)	3.55

Heating Mode:

Rated Capacity (Btu/h)	54,000
Power Input (kW)	3.75

Rated Capacity is based on the following conditions:

Cooling
Indoor: 80°F DB / 67°F WB
Outdoor: 95°F DB

Heating:
Indoor: 70°F DB
Outdoor: 47°F DB / 43°F WB

Electrical:

Power Supply (V/Hz/Ø)[1]	208-230V, 60, 1
MOP (A)	40.0
MCA (A)	24.0
Rated Amps (A)	
Compressor Amps (A)	18.4
Fan (A) x Qty.	0.5 x 2

Piping / Connections:[2]

Refrigerant Charge (lbs.)	7.7
Piping / Connections for Heat Recovery Operation	
Liquid Line (in., O.D.)	3/8 Braze
Low Pressure Vapor Line (in., O.D.)	3/4 Braze
High Pressure Vapor Line (in., O.D.)	5/8 Braze
Piping / Connections for Heat Pump Operation	
Liquid Line (in., O.D.)	3/8 Braze
Vapor Line (in., O.D.)	5/8 Braze

Compressor:

Type	Hermetically Sealed Scroll
Quantity	1
Oil / Type	PVE / FVC68D

Standard Features:

- Night Quiet Operation
- Fault Detection and Diagnosis
- Smart Load Control
- Smart Oil Management
- Drain Pan Heater Built In

Optional Accessories:

☐ Low Ambient Baffle Kit - ZLABGP04A (2 required)[3]

Operating Range:

Cooling (°F DB)[3]	23 to 122
Heating (°F WB)	-13 to +61
Synchronous	
Cooling Based (°F DB)	14 to 81
Heating Based (°F WB)	14 to 61

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Max. Number of Indoor Units[4]	8
Sound Pressure dB(A)[5]	
Cooling Mode	52
Heating Mode	54
Weight	
Net (lbs.)	263
Shipping (lbs.)	294
Communication Cable (No x AWG)[6]	2 x 18
Heat Exchanger Coating	Black Fin™

Fan:

Type	Axial Flow
Quantity	2
Motor / Drive	Brushless Digitally Controlled/Direct
Air Flow Rate (CFM)	4,238

Notes:

1. Power wiring size must comply with the applicable local and national codes.
2. For main pipe segment size, refer to the LATS Multi V tree diagram.
3. Installation of an optional Low Ambient Wind Baffle Kit will allow operation down to -9.9°F in cooling mode.
4. The combination ratio must be between 50 - 130%.
5. Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745.
6. Communication cable between ODU, IDU(s) / HRU(s) must be a minimum of 2-conductor, 18 AWG, twisted, stranded, and shielded. Ensure the communication cable shield is properly grounded to the ODU chassis only. ⃠ **DO NOT** ground the communication cable at any other point. Wiring must comply with all applicable local and national codes.
7. Nominal data is rated 0 ft above sea level, with 25 ft of refrigerant line per indoor unit and a 0 ft level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95-105%.
8. Power wiring cable size must comply with the applicable local and national codes.
9. The voltage tolerance is ± 10%.

LGRED°

C SP US

Inverter

AHRI CERTIFIED® www.ahridirectory.org
Unitary Small HP
AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

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4.0 Ton Heat Pump and Heat Recovery

Tag No.: _____
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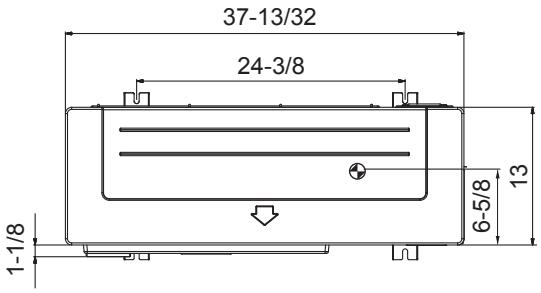
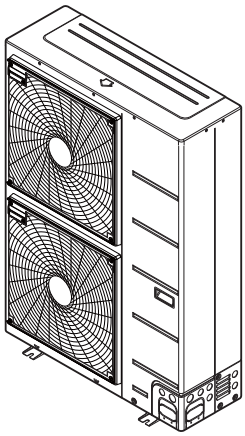
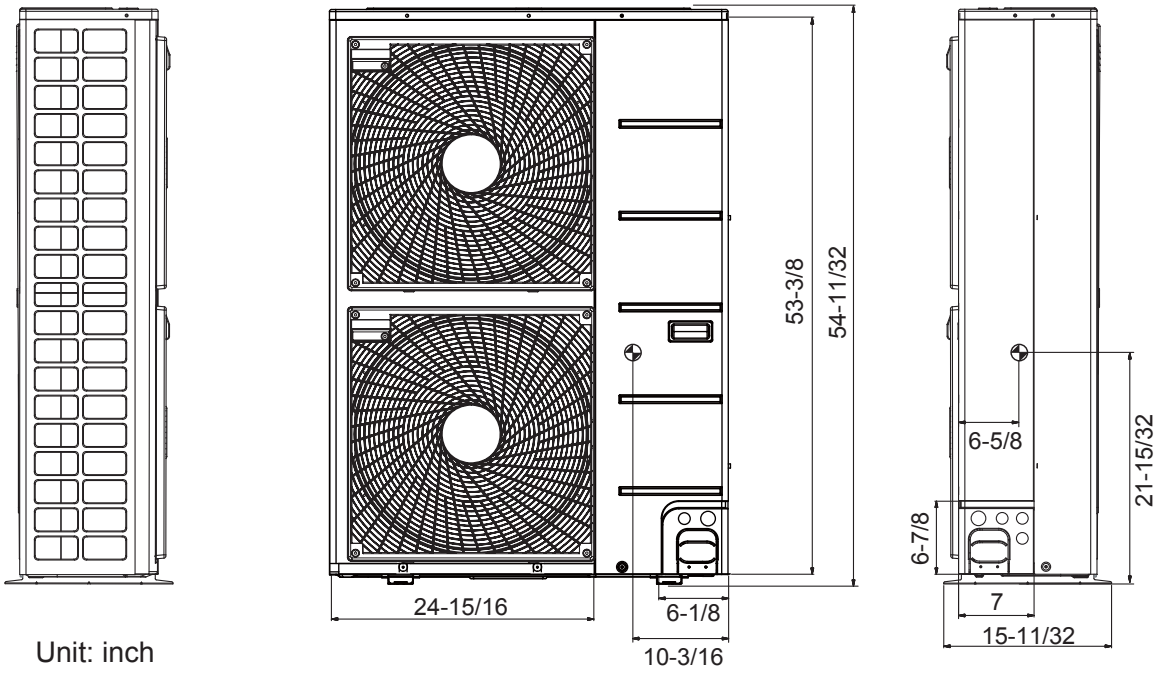
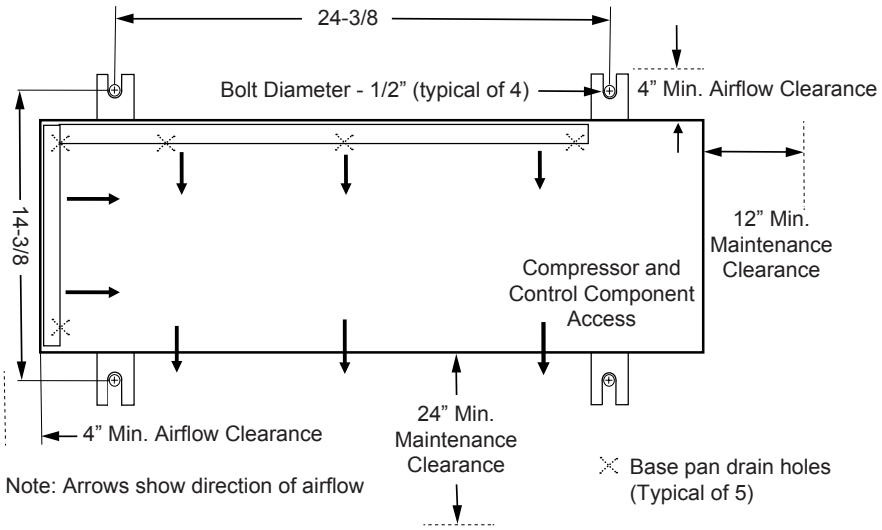






Unit: inch

Center of Gravity



Note: Arrows show direction of airflow

Job Name/Location: _____

ARUM048GSS5

Multi V™ S with LGRED° Outdoor Unit
4.0 Ton Heat Pump and Heat Recovery

Tag No.: _____

Date: _____

PO No.: _____

AHRI Data:

Indoor Unit Type	Cooling Capacity (95°F)	EER2 (95°F)	SEER2	High Heating Capacity (47°F)	Low Heating Capacity (17°F)	HSPF2	Low Heating Capacity (5°F)	Heating COP at 5°F
Non-Ducted Indoor Units	48,000	13.50	23.30	61,000	38,500	10.30	48000	1.83
Ducted Indoor Units	48,000	12.20	17.00	56,000	36,400	10.00	48000	1.83