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

Date: **For:** ☐ File ☐ Resubmit ☐ Approval ☐ Other

PO No.:

Architect: **GC:**

Engr: **Mech:**

Rep:
(Company) (Project Manager)

ARUM192BTE5

Multi V™ 5 with LGRED° 208-230V ODU

16 Ton Single Frame Heat Pump and Heat Recovery

LG Life's Good

Performance:

Cooling Mode:

Nominal Capacity (Btu/h)	192,000
Power Input (kW)	13.61

Heating Mode:

Nominal Capacity (Btu/h)	216,000
Power Input (kW)	15.46

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Electrical:

Frame	ARUM192BTE5
Power Supply (V/Hz/Ø)[1]	208-230/60/3
MOP (A)	80
MCA (A)	57.9
Rated Amps (A)	52.1
Compressor A (A)	23.3
Compressor B (B)	20.8
Fan (A)	8.0

Piping:[2]

Frame	ARUM192BTE5
Refrigerant Charge (lbs.)	30.9
Liquid (in., O.D.)	5/8 Braze
High Pressure Vapor (Heat Recov only; in, O.D.)	1-1/8 Braze
Low Pressure Vapor (in., O.D.)	1-1/8 Braze

Standard Features:

- Advanced Smart Load Control
- Intelligent Heating
- HiPOR (High Pressure Oil Return)
- Smart Oil Control
- Night Quiet Operation
- Fault Detection and Diagnosis
- Active Refrigerant Control
- Variable Heat Path Exchanger
- Subcooling and Vapor Injection Control
- Liquid Cooled Inverter Controller
- Advanced Comfort Cooling

Optional Accessories:

☐ Air Guide - ZAGDKA52A
☐ Hail Guard Kit - ZHGDKA52A
☐ Low Ambient Baffle Kit - ZLABKA52A, Control Kit - PRVC2 (1 per system)
☐ Base Pan Heater - ZPLT1A52A

Operating Range:

Cooling (°F DB)**	5 - 122
Heating (°F WB)	-22 - 61
Synchronous	
Cooling Based (°F DB)	14 - 81
Heating Based (°F WB)	14 - 61

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Max. Number of Indoor Units[3]	32
Sound Pressure[4] dB(A)	62.0
Weight	
Frame	ARUM192BTE5
Net (lbs.)	659
Shipping (lbs.)	688
Communication Cable (No x AWG)[5]	2 x 18
Heat Exchanger Coating	Black Coated Fin™

Compressor:

Type	HSS DC Scroll
Quantity	2
Oil / Type	PVE / FVC68D

Fan:

Type	Propeller
Quantity	2
Motor Drive	Brushless Digitally Controlled Direct
Air Flow Rate (CFM)	11,300

Notes:

1. Power wiring cable size must comply with the applicable local and national codes. Cables terminate at each frame.
2. For main pipe segment size, refer to the LATS Multi V tree diagram.
3. The combination ratio must be between 50-130%.
4. Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745 for the combination of outdoor units.
5. Communication cable between ODU and IDUs must be 2-conductor, 18 AWG, twisted, stranded, and shielded. Ensure the communication cable shield is properly grounded to the Main ODU chassis only. Do not ground the communication cable at any other point. Wiring must comply with all applicable local and national codes.
6. Acceptable operating voltage: 187V - 253V

****Cooling operating range can be extended to -13˚F if the optional low ambient baffle kit and low ambient control kit are installed. This is the range in which the unit can operate as continuous operation.**

LGRED° Powerful Heat Technology

C SP US Inverter

AHRI CERTIFIED™ www.ahridirectory.org
Variable Refrigerant Flow (VRF) Multi-Split AC and HP
AHRI Standard 1230

Job Name/Location: _____

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16 Ton Single Frame Heat Pump and Heat Recovery

Tag No.: _____

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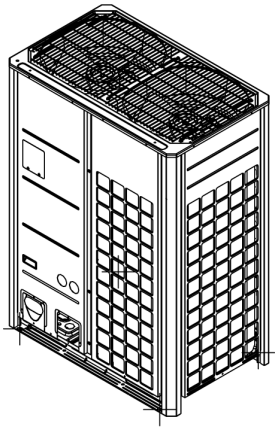
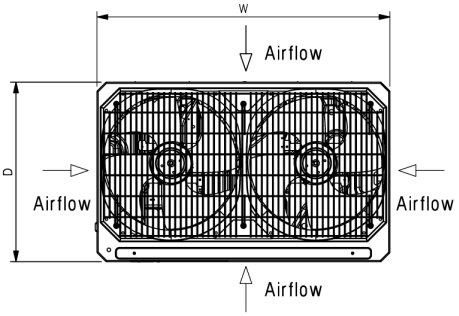
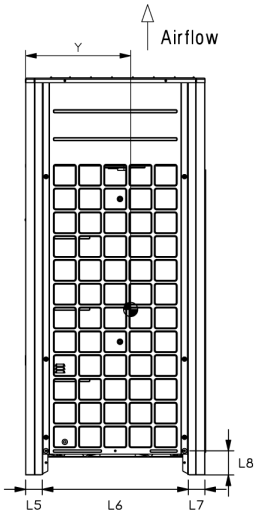
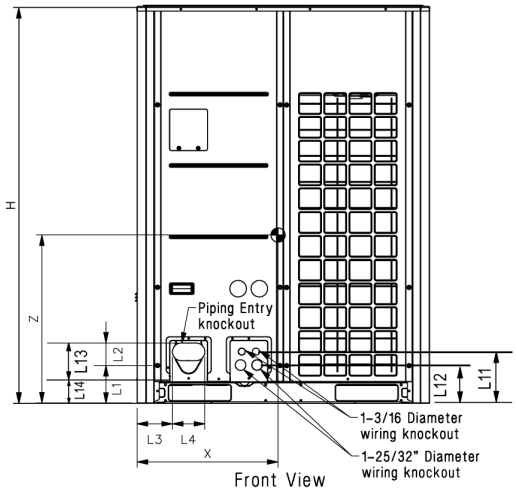




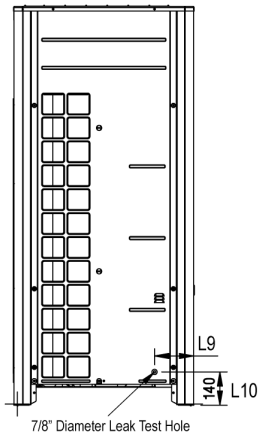
Top View



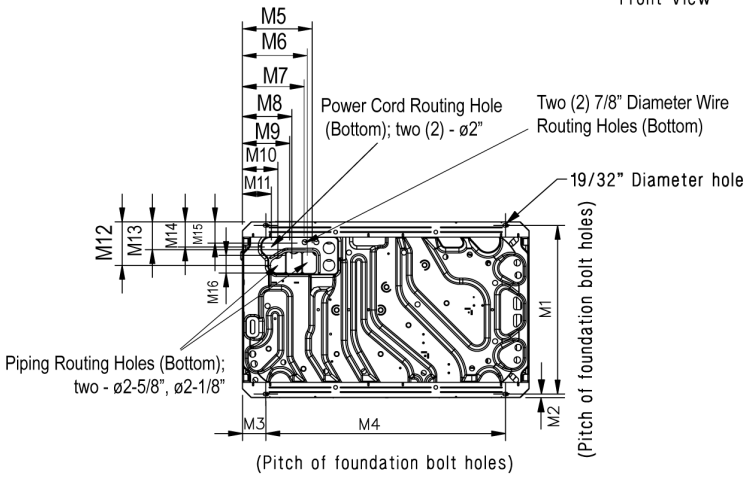
Right Side View



Front View



Left Side View



Bottom Mounting Holes

M1	28-25/32"
M2	5/8"
M3	3-15/16"
M4	40-15/16"
M5	11 – 15/16"
M6	11 – 1/16"
M7	10 – 1/2"
M8	8 – 7/16"
M9	8 – 1/8"
M10	6 – 1/16"
M11	4 – 15/16"
M12	7 – 1/2"
M13	4 – 13/16"
M14	4 – 5/16"
M15	3 – 5/8"
M16	3"

W	48-13/16"
H	66-17/32"
D	29-29/32"
L1	6-5/16"
L2	3-3/4"
L3	5-29/32"
L4	5-13/32"
L5	2-25/32"
L6	24-9/32"
L7	2-25/32"
L8	4-1/32"
L9	6 – 1/2"
L10	5 – 9/16"
L11	8 – 5/8"
L12	6 – 7/16"
L13	9 – 15/16"
L14	3 – 5/8"

Center of Gravity

X	23-7/32"
Y	15-5/8"
Z	25-9/16"

All dimensions have a tolerance of ±0.25 in.

[Unit: inch]

= Center of Gravity

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AHRI Data:

Reference Number	Indoor Type	Cooling Capacity (95°F)	EER (95°F)	IEER	SCHE	High Heating Capacity (47°F)	High COP (47°F)	Low Heating Capacity (17°F)	Low COP (17°F)
205281447	Ducted Indoor Units	184,000	11.00	23.00	25.30	206,000	3.30	134,000	2.41
202516762	Non-Ducted Indoor Units	184,000	12.40	25.90	26.60	206,000	3.75	134,000	2.64