

Job Name/Location:

Tag No:

Date:

For:	File	Resubmit
	Approval	Other _____

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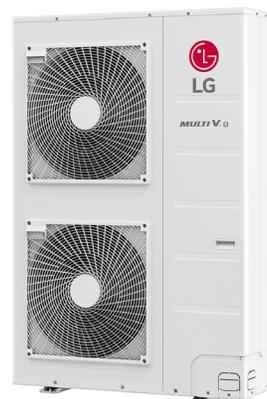
Architect: GC:

Engr: Mech:

Rep: (Company) (Project Manager)

### ARUN096BSS5

Multi V™ S Three-Phase Outdoor Unit  
8.0 Ton Heat Pump



#### Performance:

##### Cooling Mode:

Rated Capacity (Btu/h)	92,000
Power Input (kW)	8.363

##### Heating Mode:

Rated Capacity (Btu/h)	103,000
Power Input (kW)	9.147

Rated Capacity is based on the following conditions:

Cooling	Heating:
Indoor: 80°F DB / 67°F WB	Indoor: 70°F DB
Outdoor: 95°F DB	Outdoor: 47°F DB / 43°F WB

#### Electrical:

Power Supply (V/Hz/Ø) <sup>1</sup>	208-230V, 60, 3
MOP (A)	40
MCA (A)	25.7
Rated Amps (A)	
Compressor Amps (A)	18.6
Fan (A) x Qty.	1.2 x 2

#### Piping / Connections:<sup>2</sup>

Refrigerant Charge (lbs.)	13.2
Piping / Connections	
Liquid Line (in., O.D.)	3/8 Braze
Vapor Line (in., O.D.)	7/8 Braze

#### Compressor:

Type	Hermetically Sealed Scroll
Quantity	1
Oil / Type	PVE / FW68D

#### Standard Features:

- Smart Load Control
- Night Quiet Function
- Fault Detection and Diagnosis
- Defrost
- High Pressure Switch
- Phase Protection
- Soft Start

#### Optional Accessories:

- AC Smart 5 - PACS5A000
- ACP (Advanced Control Platform) 5 - PACP5A000
- MultiSITE Comm. Mgr. - PBACNBTR0A
- Cool / Heat Selector Switch - PRDSBM
- Low Ambient Wind Baffle - ZLABGP04A (2 required)<sup>3</sup>

#### Operating Range:

Cooling (°F DB) <sup>3</sup>	23 to 122
Heating (°F WB)	-13 to +61

#### Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Max. Number of Indoor Units <sup>4</sup>	16
Sound Pressure dB(A) <sup>5</sup>	
Cooling Mode	59
Heating Mode	60
Weight	
Net (lbs.)	348
Shipping (lbs.)	379
Communication Cable (No. x AWG) <sup>6</sup>	2 x 18
Heat Exchanger Coating	Black Fin™

#### Fan:

Type	Axial Flow
Quantity	2
Motor / Drive	Brushless Digitally Controlled/Direct
Air Flow Rate (CFM)	7,416

#### 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 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 the outdoor unit and indoor units must be a minimum of 2-conductor, 18 AWG, twisted, stranded, and shielded. Ensure the communication cable shield is properly grounded to the outdoor unit 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%.



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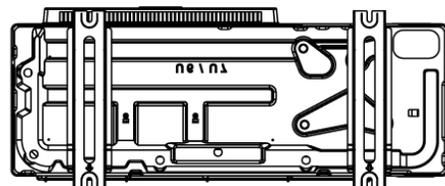
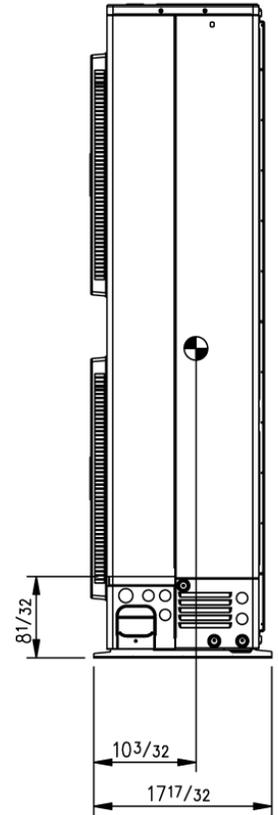
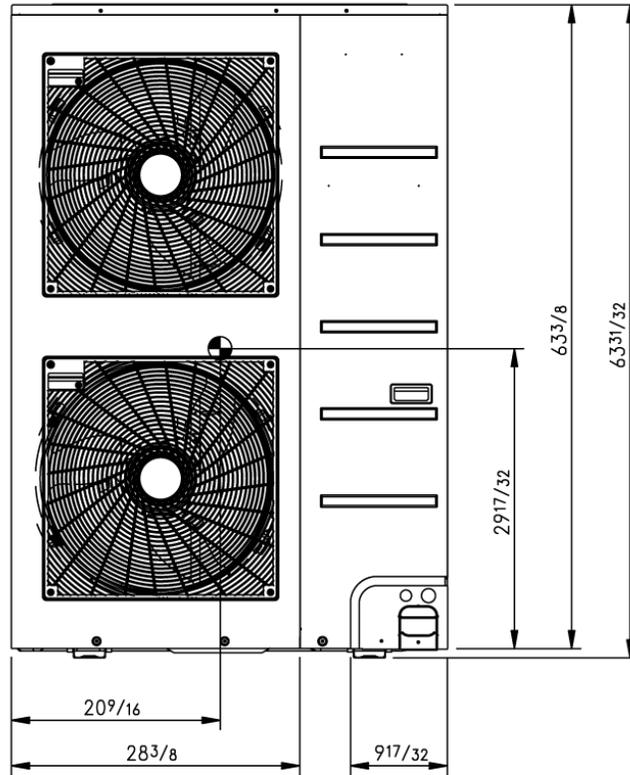
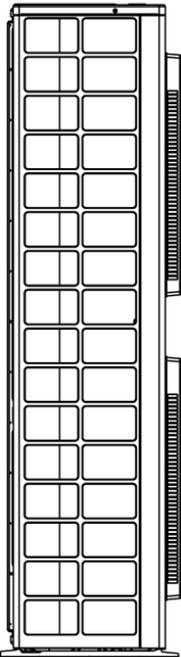
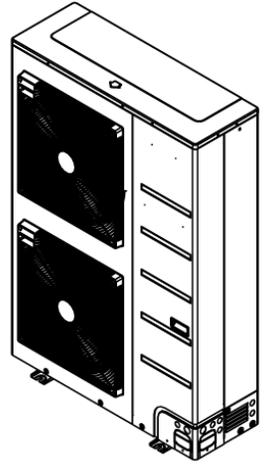
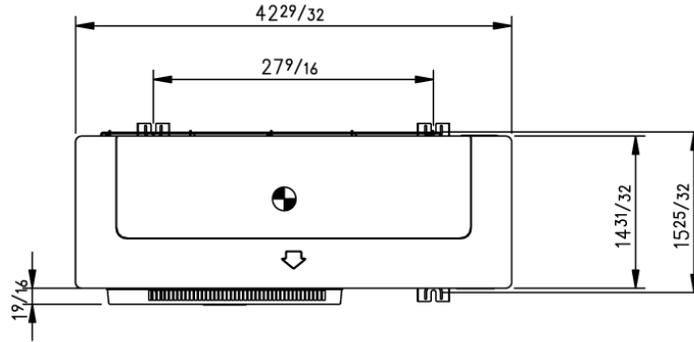
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[Unit: inch]