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

Date:

PO No.:

For: ☐ File ☐ Resubmit ☐ Approval ☐ Other _____

Architect: **GC:**

Engr: **Mech:**

Rep:
(Company) (Project Manager)

ARUN072BSS5

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

LG Life's Good

Performance:

Cooling Mode:

Rated Capacity (Btu/h)	69,000
Power Input (kW)	5.798

Heating Mode:

Rated Capacity (Btu/h)	77,000
Power Input (kW)	5.938

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, 3
MOP (A)	40
MCA (A)	24.4
Rated Amps (A)	
Compressor Amps (A)	17.6
Fan (A) x Qty.	1.2 x 2

Piping / Connections:[2]

Refrigerant Charge (lbs.)	13.2
Piping / Connections	
Liquid Line (in., O.D.)	3/8 Braze
Vapor Line (in., O.D.)	3/4 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
☐ ACP (Advanced Control Platform)
☐ MultiSITE Comm. Mgr.
☐ Cool / Heat Selector Switch
☐ Low Ambient Wind Baffle - ZLABGP04A (2 required)[3]

For detailed information about available controls and accessories, contact an LG representative.

Operating Range:

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

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Max. Number of Indoor Units[4]	13
Sound Pressure dB(A)[5]	
Cooling Mode	55
Heating Mode	57
Weight	
Net (lbs.)	348
Shipping (lbs.)	379
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)	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%.

C US Inverter

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

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Job Name/Location:_____

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Tag No.: _____
Date: _____
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[Unit: inch]

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Job Name/Location:_____

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

Tag No.: _____

Date: _____

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AHRI Data:

Reference Number	Indoor Unit Type	Cooling Capacity (95°F)	EER (95°F)	IEER	High Heating Capacity (47°F)	High COP (47°F)	Low Heating Capacity (17°F)	Low COP (17°F)
213916332	Non-Ducted Indoor Units	69,000	10.30	21.80	77,000	4.04	54,000	2.50
213916331	Ducted Indoor Units	69,000	10.50	21.80	77,000	3.62	54,000	2.40
213916335	Mixed Ducted and Non-Ducted Indoor Units	69,000	10.40	21.80	77,000	3.83	54,000	2.45

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