

Date:

For: ☐ File ☐ Resubmit

PO No.:

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Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

LMU180HHV

Multi F with LGRED° Heat Pump Outdoor Unit

**Performance:**

Cooling Capacity (Min.-Rated-Max., Btu/h)	8,400~18,000~19,980
Heating Capacity (Min.-Rated-Max., Btu/h)	10,248~22,000~24,000
Max. Heating Capacity at 17°F (Btu/h)	23,600
Max. Heating Capacity at 5°F (Btu/h)*	22,000
Max. Heating Capacity at -4°F (Btu/h)	21,050
Max. Heating Capacity at -13°F (Btu/h)	19,270
SEER 2 (Ducted / Non-Ducted)	17.5 / 21.0
EER 2 (Ducted / Non-Ducted)	12.0 / 13.5
HSPF 2 (Non-Ducted)	9.2 / 7.8
HSPF 2 (Ducted)	8.6 / 7.4

HSPF - Heating Season Performance Factor

*The capacities at 5°F does not refer to H42 testing conditions.

Indoor: 80°F DB/67°F WB

Indoor: 70°F DB/60°F WB

Outdoor: 95°F DB/75°F WB

Outdoor: 47°F DB/43°F WB

Electrical:

Power Supply (V ¹ /Hz/Ø)	208-230/60/1
MOP (A)	30
MCA (A)	18.6
Recommended Fuse Size (A)	25
Cooling Rated Amps (A)	15.33
Heating Rated Amps (A)	15.33
Compressor (A)	13
Fan Motor (A)	0.73

MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity

Piping:

Refrigerant Charge (lbs.)	6.18
Liquid Line (in, OD)	Ø1/4 x 2
Vapor Line (in, OD)	Ø3/8 x 2
Max Total Piping ² (ft)	164
Max ODU to IDU Piping (ft)	82
Piping Length (no add'l refrigerant, ft)	49.2
Max Elevation between ODU and IDU (ft)	49.2
Max Elevation between IDU and IDU (ft)	24.6

ODU - Outdoor Unit IDU - Indoor Unit

Controls Features:

- Auto operation
- Auto restart
- Defrost/Deicing
- Inverter (variable speed compressor)
- Low ambient operation to 14F (cooling mode)
- Restart delay (3-minutes)
- Self diagnosis
- Soft start
- Factory installed Drain Pan Heater

Optional Accessories:

- ☐ PI-485 Integration Board - PMNFP14A1
- ☐ AC Smart V - PACS5A000
- ☐ ACP V - PACP5A000
- ☐ Low Ambient Wind Baffle (Cooling operation to -4°F) - PAG-HS6 / PAG-HS7

For a complete list of available accessories, contact your LG representative.

For continual product development, LG reserves the right to change specifications without notice.

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Operating Range:

Cooling (°F DB)	14 to 118
Heating (°F WB)	-13 to +75

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure ³ (Cool/Heat) ±3 dB(A)	50 / 54
Net/Shipping Weight (lbs)	147.7 / 163.1
Heat Exchanger Coating	GoldFin™
Min Number of Indoor Units	2
Max Number of Indoor Units	2

Compressor:

Quantity	1
Type	Twin Rotary
Oil/Type	FVC68D

Fan:

Type	Propeller
Quantity	1
Fan Motor/Drive	Brushless Digitally Controlled/Direct
Airflow Rate (CFM)	2,295

Notes:

1. Acceptable operating voltage: 187V - 253V.
2. Piping lengths are equivalent.
3. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
4. All power/communication cable to be minimum 18 American wire gage (AWG), 4-conductor, stranded, shielded or unshielded wire and must comply with applicable local and national code. If shielded, the wire must be grounded to the chassis at the outdoor unit only.
5. Power wiring cable size must comply with the applicable local and national code.
6. This data is rated 0 ft above sea level, with 25 ft of refrigerant line and a 0 ft level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 - 105%.
7. Must follow installation instructions in the applicable LG installation manual.
8. Refer to the Combination Data Manual for combination capacity tables.
9. See Performance Data Manual for sensible and latent capacities.



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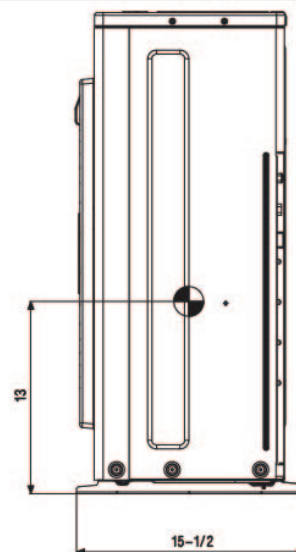
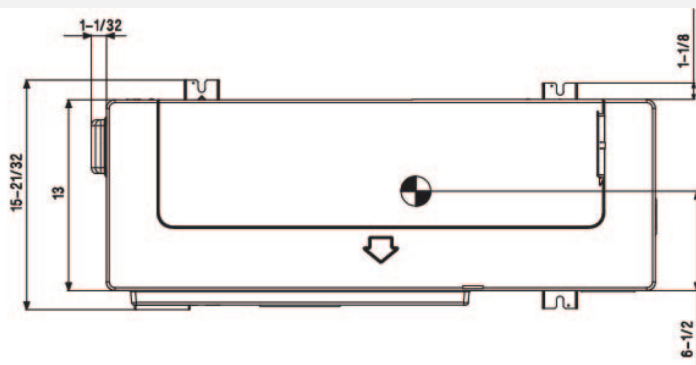
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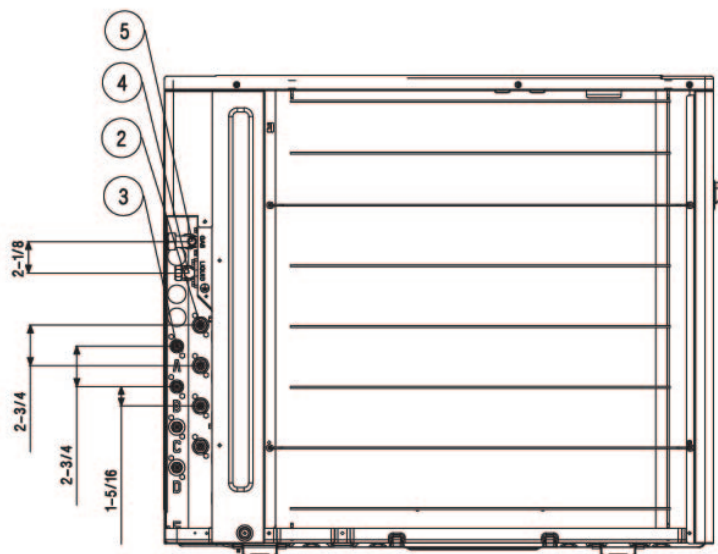
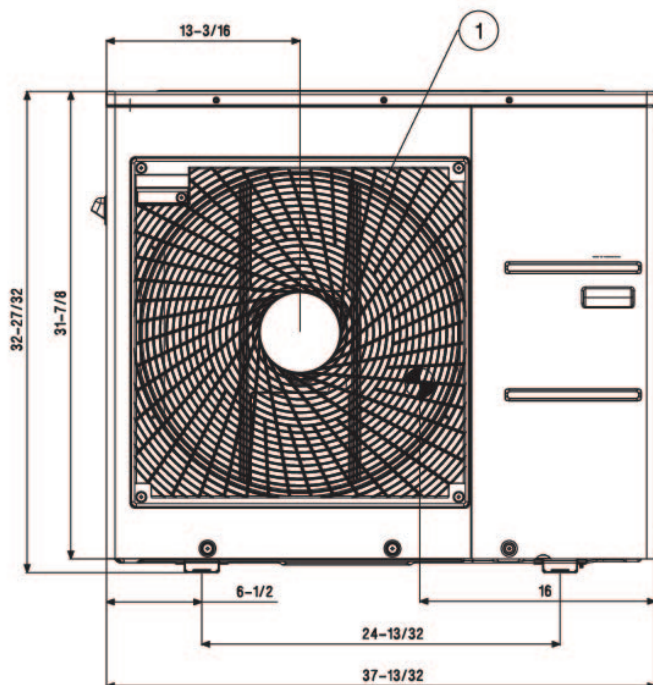
Date:

PO No.:



Unit: Inch

Gravity point



No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Main service valve (Liquid)
5	Main service valve (Gas)