## Job Name/Location:

LMU363HV

Performance:

EER2

COP

SEER2

HSPF2

**Electrical:** 

MOP (A)

MCA (A)

Piping:

Cooling Nominal Test Conditions:

Power Supply (V/Hz/Ø)<sup>1</sup>

Cooling Rated Amps (A)

Heating Rated Amps (A) Compressor (A)

Locked Rotor Amps (A)

MOP - Maximum Overcurrent Protection

Refrigerant Charge (lbs.)

Liquid Line Connection (in., O.D.)

Vapor Line Connection (in., O.D.)

Min. / Max. ODU to IDU Piping (ft.)

Piping Length (no add'l refrigerant, ft.)

Maximum Elevation between ODU and IDU (ft.)

Maximum Total Piping<sup>2</sup> (ft.)

Fan Motor (A)

Recommended Fuse Size (A)

Indoor: 80°F DB / 67°F WB

Outdoor: 95°F DB / 75°F WB

Multi F Inverter Heat Pump Outdoor Unit

Cooling Capacity (Min.-Rated-Max., Btu/h) Heating Capacity (Min.-Rated-Max., Btu/h)

Max. Heating Capacity at 5°F (Btu/h)

Max. Heating Capacity at 0°F (Btu/h) Max. Heating Capacity at -4°F (Btu/h)

Engr: Rep:

(Company)

Tag	No:

Date:	F	or:	File	Resubmit	_
PO No.:			Approval	Other	
Architect:	GC:				

Heating Nominal Test Conditions:

MCA - Minimum Circuit Ampacity

Indoor: 70°F DB / 60°F WB

Outdoor: 47°F DB / 43°F WB

Mech:

(Project Manager)

8,400~32,800~38,400

10,080~36,000~41,600

25.200

22.750

20,800

12.5

21.5

3.9

9.0

25

25 15.03

18.4

15.03

13.5

0.73

19.0

6.17

1/4 x 4

3/8 x 4

9.8 / 82.0

246.1

98.4

49.2

24.6

208-230V, 60, 1







## **Operating Range:**

Cooling (°F DB)	14 to 118
Heating (°F WB)	-4 to +64

#### Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure (Cool / Heat) ±1 dB(A) <sup>3</sup>	51 / 54
Net / Shipping Weight (lbs.)	138.9 / 154.3
Heat Exchanger Coating	Gold Fin™
Minimum No. of Indoor Units	2
Maximum No. of Indoor Units	4

#### **Compressor:**

Туре	Twin Rotary
Quantity	1
Oil / Type	FVC68D

#### Fan

ran.	
Туре	Propeller
Quantity	1
Motor / Drive	Brushless Digitally Controlled/Direct
Max. Airflow Rate (CFM)	2.119

#### 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 14 AWG, 4-conductor, stranded, shielded or unshielded wire, and must comply with applicable local and national codes. If shielded, the wire must be grounded to the chassis at the outdoor unit only.

5. Power wiring size must comply with the applicable local and national codes. 6. This data is rated 0 ft. above sea level, with 0 ft. level difference between outdoor

- and indoor units, and the following refrigerant pipe lengths:
- LMU183HV: 16.4 ft. x 2 = 32.8 ft.
- LMU243HV: 16.4 ft. x 3 = 49.2 ft.
- LMU303HV: 16.4 ft. x 4 = 65.6 ft. LMU363HV: 16.4 ft. x 4 = 65.6 ft.
- 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 Combintion Data Manual for combination capacity tables.
- 9. See the Performance Data Manual for sensible and latent capacities.

- Auto restart Inverter (variable speed compressor)
- Defrost / Deicing

Auto operation

ODU = Outdoor Unit

Features:

## **Optional Accessories:**

□ PI-485 - PMNFP14A1 □ MultiSITE Comm. Mgr. -**PBACNBTROA** AC Smart 5 - PACS5A000  $\square$  ACP 5 - PACP5A000 □ Power Distribution Indicator (PDI) Premium - PONUD1S41

- Restart delay (three [3] minutes)
- Self diagnosis
- Soft start
- Low ambient cooling down to 14°F

□ Mobile LGMV - PLGMVW100 Drain Pan Heater - PQSH1200 Low Ambient Baffle Kit (Cooling operation to -4°F) - ZLABGP04A







For a complete list of available accessories, contact your LG representative For continual product development, LG reserves the right to change specifications without notice.

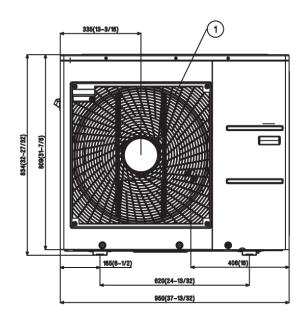
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Maximum Elevation between IDU and IDU (ft.) IDU = Indoor Unit

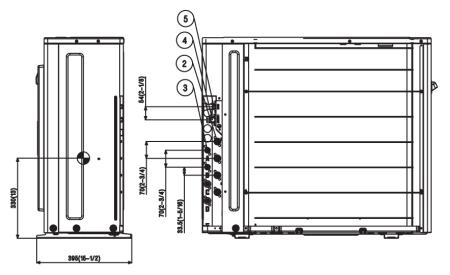
# LMU363HV Multi F Inverter Heat Pump Outdoor Unit



 [Unit : mm(inch)] Gravity point



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



# Notes:

- 1. Unit must be installed in compliance with the installation manual.
- 2. Unit must be grounded in accordance with the local or state regulations and applicable national codes.
- 3. All field-supplied electrical components and materials must comply with local, state, and national codes.
- 4. Electrical characteristics must be considered for electrical work and design. The capacity of power cable and circuit breaker for the outdoor unit must follow local, state, national, and manufacturer requirements.