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

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

PO No.:

Architect: **GC:**

Engr: **Mech:**

Rep:
(Company) (Project Manager)

LMU303HV

Multi F Inverter Heat Pump Outdoor Unit

Performance:

Cooling Capacity (Min.-Rated-Max., Btu/h)	8,400~30,000~36,000
Heating Capacity (Min.-Rated-Max., Btu/h)	10,080~32,000~38,400
Max. Heating Capacity at 17°F (Btu/h)	27,200
Max. Heating Capacity at 5°F (Btu/h)*	24,000
Max. Heating Capacity at -4°F (Btu/h)	20,400
SEER 2 (Ducted / Non-Ducted)	18.5 / 22.0
EER 2 (Ducted / Non-Ducted)	12.0 / 13.0
HSPF 2 (Non-Ducted)	9.2 / 7.1
HSPF 2 (Ducted)	8.8 / 7.0

HSPF - Heating SeasonPerformace Factor
*The capacities at 5°F does not refer to H42 testing conditions.

Cooling Nominal Test Conditions:
Indoor: 80°F DB / 67°F WB
Outdoor: 95°F DB / 75°F WB

Heating Nominal Test Conditions:
Indoor: 70°F DB / 60°F WB
Outdoor: 47°F DB / 43°F WB

Electrical:

Power Supply (V/Hz/Ø)[1]	208-230V, 60, 1
MOP (A)	25
MCA (A)	18.4
Recommended Fuse Size (A)	25
Cooling Rated Amps (A)	15.03
Heating Rated Amps (A)	15.03
Compressor (A)	13.5
Fan Motor (A)	0.73
Locked Rotor Amps (A)	19.0

MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity

Piping:

Refrigerant Charge (lbs.)	6.17
Liquid Line Connection (in., O.D.)	1/4 x 4
Vapor Line Connection (in., O.D.)	3/8 x 4
Maximum Total Piping[2] (ft.)	246.1
Min. / Max. ODU to IDU Piping (ft.)	9.8 / 82.0
Piping Length (no add'l refrigerant, ft.)	98.4
Maximum Elevation between ODU and IDU (ft.)	49.2
Maximum Elevation between IDU and IDU (ft.)	24.6

ODU = Outdoor Unit IDU = Indoor Unit

Features:

- Auto operation
- Auto restart
- Inverter (variable speed compressor)
- Defrost / Deicing
- Restart delay (three [3] minutes)
- Self diagnosis
- Soft start
- Low ambient cooling down to 14°F

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)[3]	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:

Type	Twin Rotary
Quantity	1
Oil / Type	FVC68D

Fan:

Type	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.

Optional Accessories:

☐ PI-485 - PMNFP14A1
☐ AC Smart 5 - PACS5A000
☐ Low Ambient Kit -40°F cooling PQCA0, PAG-HS6 / PAG-HS7 Wind Baffle.
☐ Without PQCA0 cooling to 0°F

ENERGY STAR 162279 US Inverter

AHRI CERTIFIED® www.ahridirectory.org
Unitary Small HP
AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

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

Job Name/Location: _____

LMU303HV

Multi F Inverter Heat Pump Outdoor Unit

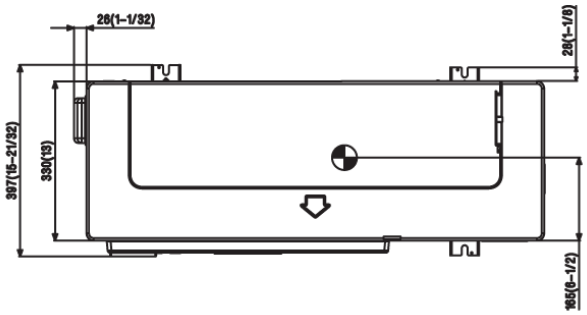
Tag No.: _____

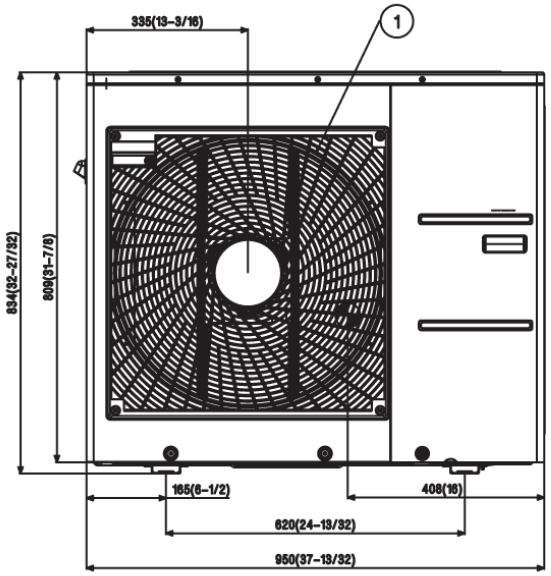
Date: _____

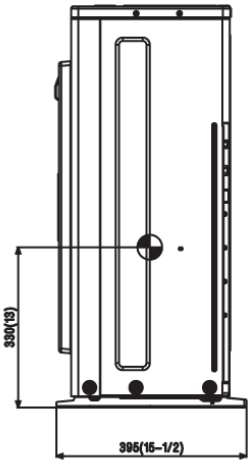
PO No.: _____

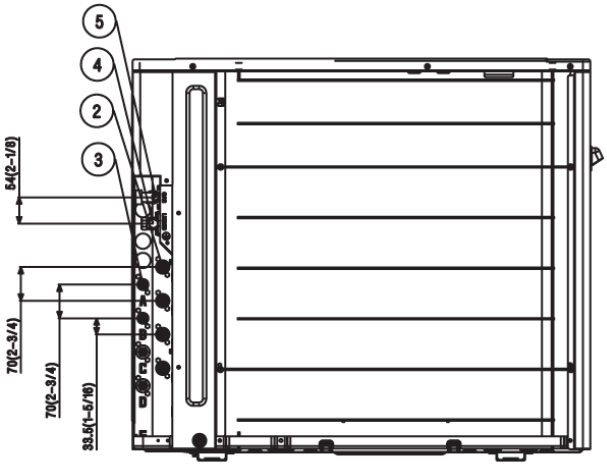
[Unit : mm(inch)]

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.