Job Name/Location:		Tag No:

Date:		**For:**	File	Resubmit
PO No.:			Approval	Other

Architect:	GC:
Engr:	Mech:

Rep:

(Company)   (Project Manager)

LMU243HV
Multi F Inverter Heat Pump Outdoor Unit

LG Life's Good

Performance:

Cooling Capacity (Min.-Rated-Max., Btu/h)	8,400~24,000~25,000
Heating Capacity (Min.-Rated-Max., Btu/h)	10,080~24,600~29,000
Max. Heating Capacity at 17°F (Btu/h)	21,400
Max. Heating Capacity at 5°F (Btu/h)*	18,400
Max. Heating Capacity at -4°F (Btu/h)	15,400
Cooling COP @95°F (Rated)	3.7
Heating COP @47°F (Rated)	4.2
SEER 2 (Ducted / Non-Ducted)	18.5 / 22.5
EER 2 (Ducted / Non-Ducted)	12.5 / 12.5
HSPF 2 (Non-Ducted)	9.4 / 7.2
HSPF 2 (Ducted)	8.0 / 7.2

HSPF - Heating SeasonPerformace Factor
*The capacities at 5°F does not refer to H42 testing conditions.
Cooling Nominal Test Conditions: Heating Nominal Test 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/Hz/Ø)[1]	208-230V, 60, 1
MOP (A)	20
MCA (A)	16.0
Recommended Fuse Size (A)	20
Cooling Rated Amps (A)	13.0
Heating Rated Amps (A)	13.0
Compressor (A)	12.0
Fan Motor (A)	0.40
Locked Rotor Amps (A)	16.0

MOP - Maximum Overcurrent Protection   MCA - Minimum Circuit Ampacity

Piping:

Refrigerant Charge (lbs.)	3.97
Liquid Line Connection (in., O.D.)	1/4 x 3
Vapor Line Connection (in., O.D.)	3/8 x 3
Maximum Total Piping[2] (ft.)	230.0
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

Optional Accessories:

- ☐ PI-485 - PMNFP14A1
- ☐ AC Smart 5 - PACS5A000
- ☐ Low Ambient Kit -40°F cooling PQCA0, PAG-HS0 / PAG-HS1 Wind Baffle.
- ☐ Without PQCA0 cooling to 0°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]	50 / 54
Net / Shipping Weight (lbs.)	101.4 / 110.2
Heat Exchanger Coating	Gold Fin™
Minimum No. of Indoor Units	2
Maximum No. of Indoor Units	3

Compressor:

Type	Twin Rotary
Quantity	1
Oil / Type	FVC68D

Fan:

Type	Propeller
Quantity	1
Motor / Drive	Brushless Digitally Controlled/Direct
Max. Airflow Rate (CFM)	1.766

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.
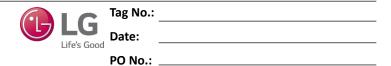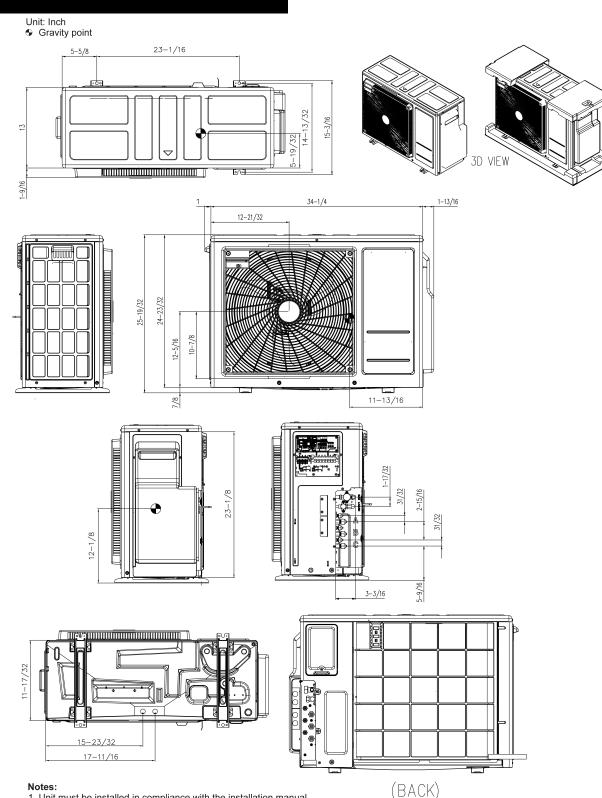9. See the Performance Data Manual for sensible and latent capacities.

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ENERGY STAR

Inverter

LG Life's Good

Tag No.:

Date:

PO No.:

LMU243HV
Multi F Inverter Heat Pump Outdoor Unit

Unit: Inch
⊕ Gravity point

3D VIEW

(BACK)

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 the 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.
5. For LMU183HV Unit, ports A and B are available.
6. For LMU243HV Unit, ports A, B, and C are available.

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