

Date: _____

For: ☐ File ☐ Resubmit

PO No.: _____

☐ Approval ☐ Other _____

Architect: _____

GC: _____

Engr: _____

Mech: _____

Rep: _____

(Company)

(Project Manager)

LS243HLV3**Single Zone Extended Pipe**

Outdoor Unit (ODU) - LSU243HLV3 Indoor Unit (IDU) - LSN243HLV3

Performance:**Cooling:**

Capacity (Btu/h)	22,000
Maximum Capacity (Btu/h)	30,000
SEER	21.5
EER	13

SEER - Seasonal Energy Efficiency Ratio EER - Energy Efficiency Ratio

Heating:

Capacity (Btu/h)	26,000
Maximum Capacity (Btu/h)	36,200
HSPF (IV/V)	12/10.4

HSPF - Heating Seasonal Performance Factor

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 ¹ /Hz/Ø)	208-230/60/1
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Outdoor Unit:

MOP	30
MCA (A)	19
Cooling Rated Amps (A)	14.81
Heating Rated Amps (A)	14.81

MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity

Total Power Input:

Cooling Power Input (kW)	1.69
Heating Power Input (kW)	2.08

Piping:

Liquid Line (in, OD)	3/8
Vapor Line (in, OD)	5/8
Additional Refrigerant (oz/ft)	0.38
Max Pipe Length (ft)	164
Piping Length (no add'l refrigerant, ft)	24.6
Max Elevation (ft)	98.4

Controls Features:

- 24-Hour on/off timer
- 4-Way auto swing
- Auto changeover
- Auto restart
- Built-in low ambient standard, down to 14°F (cooling mode)
- Inverter (variable speed compressor)
- Jet cool/Jet heat
- 3M HAF Filter
- Sleep mode

Included Accessories:

- Wireless Handheld Controller - PQWRHQ0FDB

Optional Accessories (sold separately):

- ☐ LG Programmable Thermostat - PREMTB100

- ☐ Low Ambient Kit -40°F Cooling : PQCA0, PAG-HS6 & PAG-HS7 Wind Guards- (Without PQCA0- Cooling to 0°F)

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:****Outdoor Unit:**

Cooling (°F DB)	14-118
Heating (°F WB)	-4-65

Indoor Unit:

Cooling (°F WB)	64-90
Heating (°F DB)	60-86

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Refrigerant Charge (lbs)	4.85
ODU Sound Pressure (±3 dB(A)) ³	56
IDU Sound Pressure (H/M/L) (±3 dB(A)) ³	49/44/40
ODU Net Unit Weight (lbs)	135.4
ODU Shipping Weight (lbs)	147.7
IDU Net Unit Weight (lbs)	36.6
IDU Shipping Weight (lbs)	44.5
Heat Exchanger Coating	GoldFin™

Fan:

ODU Type	Propeller
IDU Type	Cross Flow
Quantity (ODU + IDU)	1 + 1
Motor/Drive	Brushless Digitally Controlled/Direct
ODU Max Air Flow Rate (CFM)	2,119
IDU Air Flow H/M/L (CFM)	919/707/601/495
Dehumidification (pts/hr)	4.65

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 1996.
4. All communication/power cable to be minimum 18 AWG, 4-conductor, stranded, shielded and must comply with applicable local and national code.
5. See Engineering Manual for sensible and latent capacities.
6. Power wiring cable size must comply with the applicable local and national code.
7. The indoor unit comes with a dry helium charge.
8. This data is rated 0 ft above sea level, with 24.6 ft of refrigerant line and a 0 ft level difference between outdoor and indoor units.
9. Must follow installation instructions in the applicable LG installation manual.



Job Name/Location: _____

LS243HLV3

Single Zone Extended Piping Wall Mount

Outdoor Unit (ODU) - LSU243HLV3, Indoor Unit (IDU) - LSN243HLV3



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