Job Nan	ne/Location:
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Architect:

Engr:

Rep:

(Company)

LS243HLV3

Single Zone Extended Piping Wall Mount Outdoor Unit (ODU) - LSU243HLV3, Indoor Unit (IDU) - LSN243HLV3

Performance:

Cooling:	
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Cooling:	
Cooling Capacity	
(Min~Rated~Max) (Btu/h)	3,070~22,000~30,000
SEER2	22
EER2	13
EER - Seasonal Energy Efficiency Ratio	EER - Energy Efficiency Ratio
leating:	
Heating Capacity	
(Min~Rated~Max) (Btu/h)	3,070~26,000~36,200
HSPF2	9.5
Max. Heating @ Indoor 70°F DB	27.240 (105%)
Outdoor 19°F DB / 17°F WB	27,360 (105%)
Outdoor 6°F DB / 5°F WB	23,700 (91%)
Outdoor -3°F DB / -4°F WB	21,170 (81%)
HSPF - Heating Seasonal Performance Factor Cooling Nominal Test Conditions:	Heating Nominal Test Conditions:
ndoor: 80°F DB / 67°F WB Dutdoor: 95°F DB / 75°F WB	Indoor: 70°F DB / 60°F WB Outdoor: 47°F DB / 43°F WB
Outdoor Unit:	
MOP (A)	20
()	30
MCA (A)	19
Cooling / Heating Rated Amps (A)	14.81
Compressor (A)	14.41
Fan Motor (A)	MCA - Minimum Circuit Ampacity
Total Power Input:	
Cooling Power Input (kW)	1.69
Heating Power Input (kW)	2.08
Piping:	
Liquid Line (in., O.D.)	ø3/8 Flare
Vapor Line (in., O.D.)	ø5/8 Flare
Additional Refrigerant (oz./ft.)	0.38
Min. / Max. Pipe Length (ft.) ²	9.8 / 164
Piping Length (no add'l refrig., ft.)	24.6
Max. Elevation (ft.)	98.4
Features: • 24-Hour on/off timer • 4-Way auto swing • Auto changeover • Auto restart • Jet cool/Jet heat • Built-in low ambient standard, down to 14°F (cooling mode)	 Condensate Sensor Connection Inverter (variable speed compressor) Smart Diagnosis Washable Filter Self-cleaning indoor coil Built-in base pan heater Built-in Wi-Fi via Smart ThinQ app
Optional Accessories: □ Low Ambient Wind Baffle (Cooling operation to 0°F) - ZLABGP04A □ Simple Remote Controller - PREMTC00 □ Std III Remote Controller (White / Black)-PREMTB100 / PREMTBB10 □ MultiSITE™ CRC* - PREMTBVC2/C3/C4	 ☐ MultiSITE Comm. Mgr PBACNBTRC ☐ PI-485 - PMNFP14A1 ∪ ☐ Dry Contact - PDRYCB100/320/400 ☐ AC Smart 5 - PACS5A000 ☐ ACP 5 BACnet Gateway-PACP5A000

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov. (ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.)



Resubmit

Other_

For:

GC:

Mech:

(Project Manager)

File

Approval



Tag No.:



Operating Range:

Outdoor Unit:	
Cooling (°F DB)	14 ~ 118
Heating (°F WB)	-4 ~ +65
Indoor Unit:	
Cooling (°F WB)	53 ~ 75
Heating (°F DB)	64 ~ 86
Electrical:	
Power Supply (V ¹ /Hz/Ø)	208-230/60/1
System Data:	
Refrigerant Type	R410A
Refrigerant Control	EEV
Refrigerant Charge (lbs.)	4.85
ODU Sound Pressure	
(Cooling / Heating) (±1 dB[A]) ³	55 / 56
IDU Sound Pressure	
Cooling $(H/M/L/Sleep) (\pm 1 dB[A])^3$	49 / 44 / 40 / 30
Heating (H/M/L) (±1 dB[A]) ³	49 / 44 / 40
ODU Net / Shipping Weight (lbs.)	135.4 / 147.7
IDU Net / Shipping Weight (lbs.) Heat Exchanger Coating	36.6 / 44.5 GoldFin™
	Goldrin
Fan:	
ODU Type	Propeller
IDU Type	Cross Flow
Fan Speeds (Fan/Cool/Heat)	6/6/6
Quantity (ODU + IDU)	1+1
Motor/Drive	Brushless Digitally Controlled/Direct
ODU Max. Air Flow Rate (CFM)	2,119
IDU Air Flow	813 / 601 / 495 / 389
Cooling, Max/H/M/L (CFM) Heating, Max/H/M/L (CFM)	919 / 707 / 601 / 495
Dehumidification (pts./hr.)	4.65
	4.00

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 communication / connection (power) cable from the outdoor unit to the indoor unit is field supplied and must be a minimum of four-conductor, 14 AWG, stranded, shielded or unshielded (if shielded, it must be grounded to the chassis of the outdoor unit only, and must comply with applicable local and national codes.
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.

outdoor and indoor units. 9. Must follow installation instructions in the applicable LG installation manual.







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For a complete list of available accessories, contact your LG representative. Continual product development, LG reserves the right to change specifications without notice. SB_SZ_WM_ © LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. /www.lghvac.com

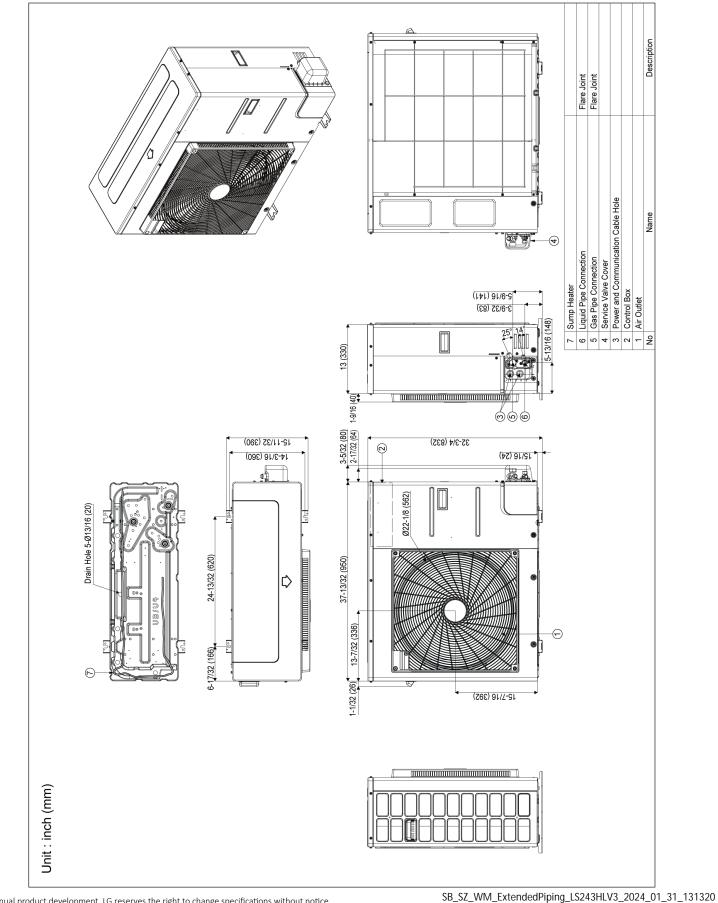
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LS243HLV3

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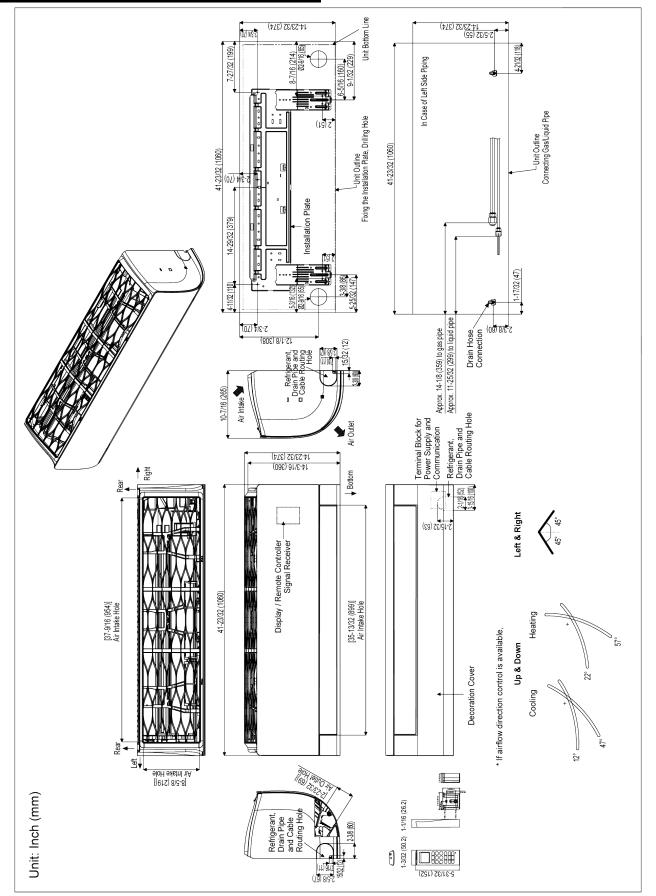


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