

Job Name/Location:

Tag #:

Date:

For: File Resubmit
Approval Other

PO No.:

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)



LSN180HSV5

Multi F Wall Mounted High Efficiency Indoor Unit

18,000 Btu/h



Performance:

Nominal Cooling Capacity (Btu/h)	18,000
Nominal Heating Capacity (Btu/h)	21,600

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)	208-230/60/1
Rated Amps (A)	0.4

Piping:

Installed Liquid Pipe (in., O.D.)	Ø1/4
Installed Vapor Pipe (in., O.D.)	Ø1/2
Liquid Connection (in., O.D.)	Ø3/8
Vapor Connection (in., O.D.)	Ø5/8
Drain (in., O.D. / I.D.)	27/32, 5/8
Temperature Sensor	Thermistor

Controls Features:

- 4-Way auto swing
- 24-Hour on/off timer
- Auto operation
- Auto restart
- Chaos wind
- Inverter (variable speed fan)
- Compatible with Single Zone HSV5 Outdoor Units
- Jet cool/Jet heat
- 3M Micro Dust Filter
- Self-cleaning indoor coil
- Sleep mode
- Condensate sensor connection
- Built-in Wi-Fi via Smart ThinQ app

Included Accessories:

- Wireless Remote Controller — AKB74955602

Optional Accessories:

- ☐ MultiSITE™ CRC1 - PREMTBVC0
- ☐ MultiSITE CRC1+ - PREMTBVC1
- ☐ Dry Contact - PDRYCB300

Entering Mixed Air:

Cooling (°F DB)	57 ~ 77
Heating (°F WB)	59 ~ 81

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure (H/M/L) (±3 dB[A]) ²	44 / 38 / 34
Primary Filter	Washable Pre-filter
Secondary Filter	3M Micro Dust
Net Weight (lbs.)	25.6
Shipping Weight (lbs.)	32.2

Fan:

Type	Cross Flow
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Air Flow H/M/L (CFM)	558 / 438 / 353

Notes:

1. Acceptable operating voltage: 187V-253V.
2. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
3. See Engineering Manual for sensible and latent capacities.
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, 18 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. Power wiring cable size must comply with the applicable local and national code.
6. The indoor unit comes with a dry helium charge.
7. Corresponding refrigerant piping length is in accordance with standard length of each outdoor unit and the level difference is 0 ft. All capacities are net with a combination ratio between 95 - 105%.
8. Must follow installation instructions in the applicable LG installation manual.
9. Multi compatible 18k IDUs include socket adapters for refrigerant pipe connections with Multi F systems.



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PO No.: _____

Unit : Inch (mm)

Front View Dimensions:

- Top: 14 (6) x 18 (3)
- Right: 18 (3) x 14 (6)
- Bottom: 5/8 (15.3) 1-9/32 (32.7) 2-13/32 (61)
- Left: 1-1/4 (31) 2-7/16 (61.5)
- Right: 1-7/16 (43.5)

Side View Dimensions:

- Top: 5-31/32 (152)
- Right: 1-3/32 (60.2) 1-1/16 (26.2)
- Bottom: 1-7/16 (43.5)

Top View Dimensions:

- Left: 2-3/8 (60) 2-3/8 (60)
- Right: 2-3/8 (60)
- Bottom: 12-28/32 (74) Air Outlet Hole

Rear View Dimensions:

- Top: 6-11/16 (170) Air Intake Hole
- Right: 36-5/32 (918) Air Intake Hole
- Bottom: 39-9/32 (998)

Installation Details:

- Display & Remote Controller Signal Receiver:** 13-19/32 (345)
- Air Outlet Hole:** 34-11/32 (872)
- Air Intake:** 8-9/32 (210)
- Air Outlet:** 7/16 (11) 2-3/8 (60)
- Refrigerant, Drain Pipe and Cable Routing Knock Out Hole:** 7/16 (11) 2-3/8 (60)
- Terminal Block for Power Supply and Communication:** 2-7/32 (56) 2-1/4 (57) 3-7/32 (80)
- Decorative Cover:** 2-7/32 (56) 2-1/4 (57) 3-7/32 (80)
- Refrigerant, Drain Pipe and Cable Routing Knock Out Hole:** 2-15/32 (63) 1-15/32 (37)
- Connecting Gas/Liquid Pipe:** 6-15/32 (164)
- Unit Outline:** 13-19/32 (345)
- Installation Plate:** 11-13/16 (300) 2-3/32 (63) 17/32 (115) 14-11/16 (373) 2-23/32 (69) 5-13/32 (137) 5-29/32 (150) 11-1/16 (27) 7-13/32 (188) 5-29/32 (150) 13-19/32 (345)
- Fixing the Installation Plate, Drilling Hole:** 5-9/32 (133) 5-9/32 (133) 5-29/32 (150)

Notes:

- * If airflow direction control is available, Up & Down, Left & Right, Cooling, Heating, 15°, 20°, 45°, 85°.
- Approx. 6-7/16 (240) to gas pipe
- Approx. 6-5/16 (160) to liquid pipe
- Drain Hose Connection