

Job Name/Location:

Tag #:

Date:

For: ☐ File ☐ Resubmit

PO No.:

☐ Approval ☐ Other _____

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

LDN127HV4

Multi F Ceiling Concealed Duct
12,000 Btu/h Indoor Unit



Performance:

Nominal Cooling Capacity (Btu/h)	12,000
Nominal Heating Capacity (Btu/h)	13,800

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)	0.80

Pipe Connections:

Liquid Line (in, OD)	1/4
Vapor Line (in, OD)	3/8
Drain OD, ID (in)	1-1/4, 1

Features:

- 2 Thermistor control
- Auto operation
- Auto restart
- Control lock function
- Internal Condensate Pump
- Inverter (variable speed fan)
- Group control
- Compatible with Single Zone ODU: LUU127HV4

Included Accessories:

- Simple Controller with Mode - AKB72955816

Optional Accessories (sold separately)

- ☐ LG Programmable Thermostat - PREMTB10U0
- ☐ Simple Controller with Mode (Black) - PQRCVCL0Q
- ☐ Simple Controller with Mode (White) - PQRCVCL0QW
- ☐ Simple Controller without Mode (Black) - PQRCHCA0Q
- ☐ Simple Controller without Mode (White) - PQRCHCA0QW
- ☐ AC Smart IV - PACS4B000
- ☐ ACP IV - PACP4B000
- ☐ LonWorks Gateway - PLNWK100
- ☐ BACnet Gateway - PQNFB17C1
- ☐ AC Ez - PQCSZ250S0
- ☐ Dry Contact Unit (1 contact, 24 VAC external power) - PDRYCB100
- ☐ Dry Contact Unit (2 input, power from indoor unit) - PDRYCB400
- ☐ Dry Contact for Third Party Thermostat - PDRYCB300

For a complete list of available accessories, contact your LG representative.

Operating Range:

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

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure ² H/M/L (±3 dB(A))	31/28/27
Primary Filter	Washable Pre-filter
Net Unit Weight (lbs)	51
Shipping Weight (lbs)	60

Fan:

Type	Sirocco
Quantity	3
Motor/Drive	Brushless Digitally Controlled/Direct
Airflow Rate H/M/L (CFM)	353/300/247
External Static Pressure ^{3 4} (in wg)	0.1
Minimum External Static Pressure ⁵	0.0
Maximum External Static Pressure ⁵	0.2

Notes:

- Acceptable operating voltage: 187V-253V.
- Sound Pressure levels are tested in an anechoic chamber under ISO Standard 1996.
- Adjust fan speed to correct for static pressure increases when using field supplied air filter.
- At factory fan speed setting.
- Air flow rate (CFM) at high speed.
- See Engineering Manual for sensible and latent capacities.
- All power/communication cable to be minimum 18 American wire gage (AWG), 4-conductor, stranded, shielded or unshielded wire and must comply with applicable local and national code. If shielded, the wire must be grounded to the chassis at the outdoor unit only.
- Power wiring cable size must comply with the applicable local and national code.
- This unit comes with a dry helium charge.
- 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%
- Must follow installation instructions in the applicable LG installation manual.



LDN127HV4

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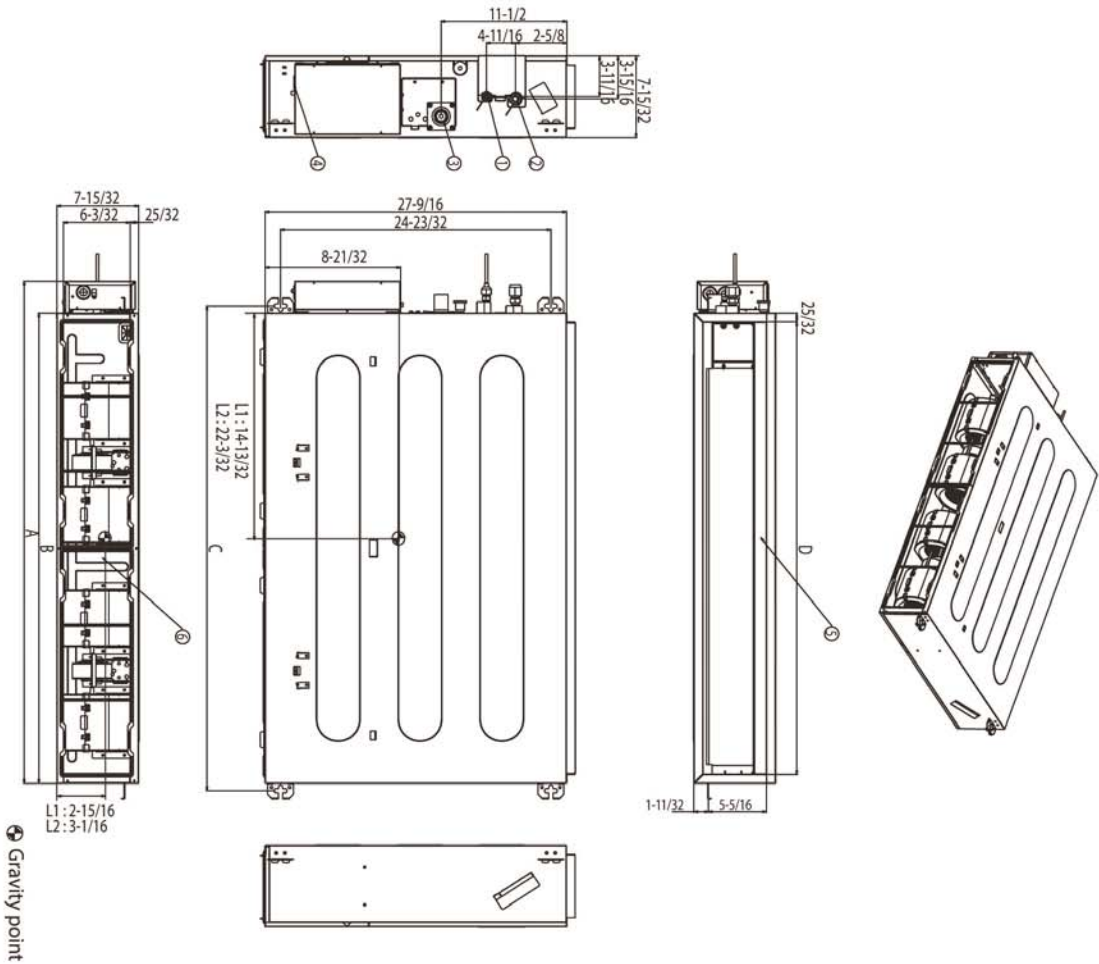
12,000 Btu/h Indoor Unit



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Number	Name	Description
1	Liquid pipe connection	
2	Gas pipe connection	
3	Drain pipe connection	
4	Power supply connection	
5	Air discharge	
6	Air suction	

Model Number	A	B	C	D
LDN097HV4	30-15/32	27-9/16	28-27/32	25-31/32
LDN127HV4	38-11/32	35-7/16	36-23/32	33-27/32
LMDN186HV				

(unit: inch)