Job Name/Location: **Tag #:**

Date:

For: ☐ File ☐ Resubmit ☐ Approval ☐ Other_____

PO No.:

Architect: GC:

Engr: Mech:

Rep:

(Company) (Project Manager)

LMDN187HV4

Multi F Ceiling-Concealed Low-Static Duct

18,000 Btu/h

LG Life's Good

Performance:

Nominal Cooling Capacity (Btu/h)	18,000
Nominal Heating Capacity (Btu/h)	20,800

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

Piping:

Installed Liquid Pipe (in., O.D.)	ø1/4
Installed Vapor Pipe (in., O.D.)	ø1/2
Liquid Connection (in., O.D.)	ø1/4
Vapor Connection (in., O.D.)	ø1/2
Drain (in., O.D. / I.D.)	1-1/4, 1
Temperature Sensor	Thermistor

Controls Features:

- Two thermistor control
- Auto operation
- Auto restart
- Control lock function
- Drain pump
- Group control
- Inverter (variable speed fan)
- Compatible with accessory Wi-Fi module

Optional Accessories:

☐ MultiSITE™ CRC2 Controller - PREMTBVC2
☐ MultiSITE™ CRC2+ Controller - PREMTBVC3
☐ MultiSITE™ CRC2+Z Controller - PREMTBVC4
☐ Simple Remote Controller - PREMTC00U
☐ Standard III Remote Controller (White Housing) – PREMTB100
☐ Standard III Remote Controller (Black Housing) – PREMTBB10
☐ Remote Temperature Button Sensor - ZRTBS01
☐ Simple Dry Contact (1 contact, 24 VAC external power) - PDRYCB100
☐ Dry Contact for Third Party Thermostat - PDRYCB320
☐ Dry Contact for Economizer - PDRYCB400
☐ Auxiliary Heater Kit - PRARH1
☐ Wi-Fi Module - PWFMDD200

Entering Mixed Air:

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

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure (H/M/L) dB(A)[2]	36 / 34 / 31
Primary Filter	Washable Pre-filter
Net Weight (lbs.)	48.5
Shipping Weight (lbs.)	57.3

Fan:

Type	Turbo
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Air Flow H/M/L (CFM)	530 / 441 / 353
External Static Pressure[3,4] (in wg)	0.10
Minimum External Static Pressure[5]	0.00
Maximum External Static Pressure[6]	0.20

Notes:

1. Acceptable operating voltage: 187V-253V.
2. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
3. Adjust fan speed to correct for static pressure increases when using field-supplied air filter.
4. At factory fan speed setting.
5. Air flow rate (CFM) at high speed.
6. See Engineering Manual for sensible and latent capacities.
7. 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.
8. Power wiring cable size must comply with the applicable local and national code.
9. The indoor unit comes with a dry helium charge.
10. 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%.
11. Must follow installation instructions in the applicable LG installation manual.

ENERGY STAR

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AHRI CERTIFIED® www.ahridirectory.org
Unitary Small HP
AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

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.

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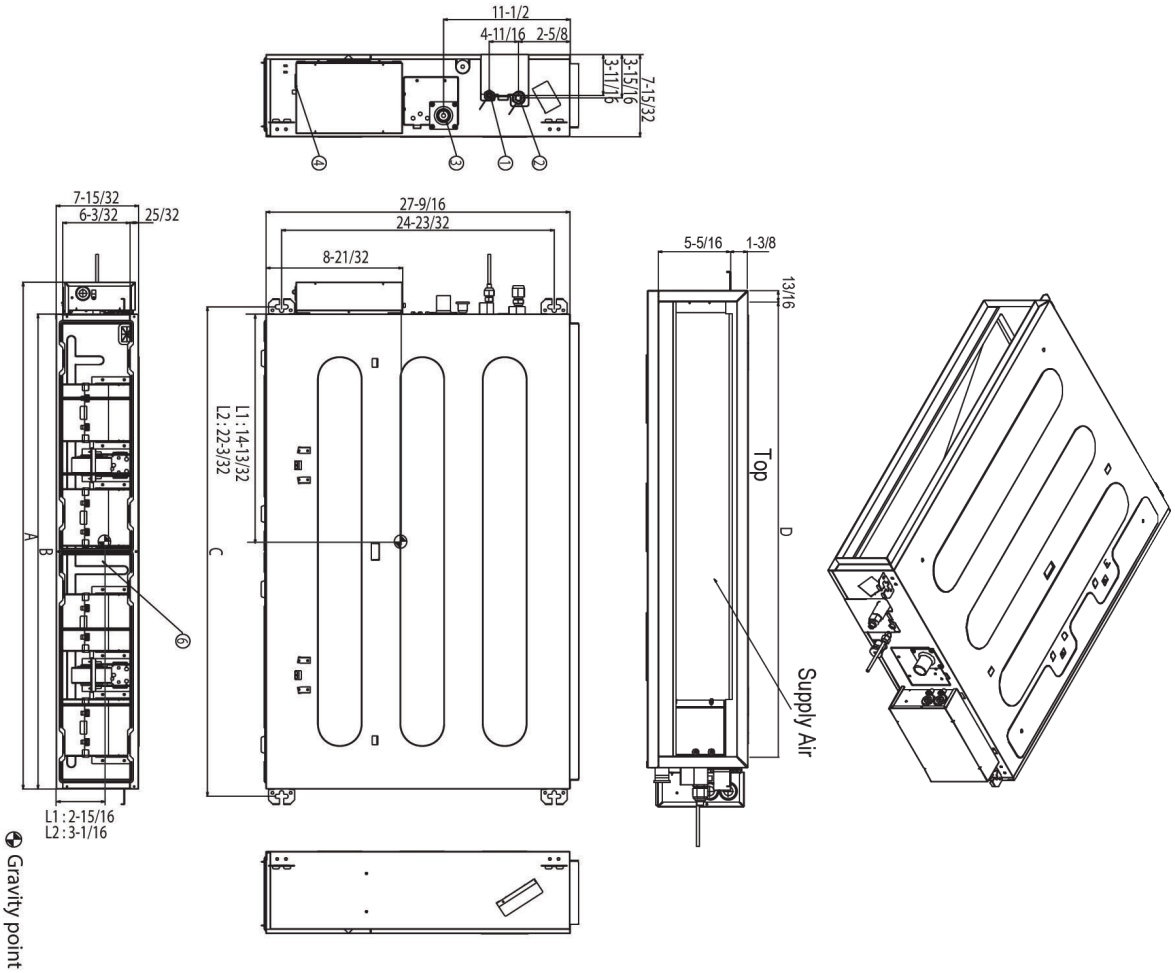

Model Number	A	B	C	D
LDN097HV4	30-15/32	27-9/16	28-27/32	25-31/32
LDN127HV4 LDN187HV4	38-11/32	35-7/16	36-23/32	33-27/32

(unit: inch)

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	

(unit : inch)

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