Job Name/Location: Tag #: For: File Resubmit Date: PO No.: Approval Other GC: Architect: Mech: Engr:

(Project Manager)





LC187HV

Ceiling Cassette Single Zone

Outdoor Unit (ODU) - LUU187HV Indoor Unit (IDU) - LCN187HV





Performance:

Cooling:

Rep:

(Company)

Cooling Capacity (Btu/h)	18,000
SEER	20
EER	15.0

Heating:

Heating Capacity (Btu/h)	20,000
HSPF	10.1

HSPF - Heating Seasonal Performance Factor

Electrical:

Power Supply (V¹/Hz/Ø)	208-230/60/1
MOP (A)	30
MCA (A)	18.1
Cooling Rated Amps (A)	14.7
Heating Rated Amps (A)	14.7
Compressor (A)	13.5
Fan (A)	0.6
Cooling Power Input (kW)	1.26
Heating Power Input (kW)	1.50

MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity

Piping:

Liquid Line (in, OD)	3/8
Suction Line (in, OD)	5/8
Additional Refrigerant (oz/ft)	0.43
Max Pipe Length (ft) ²	164
Pipe Length (no add'l Refrigerant, ft)	25
Max Elevation (ft)	98

Features:

- •Inverter (Variable speed compressor) •Auto restart
- Internal condensate pump
- Swirl Wind
- Jet Cool
- Evaporator frost control
- •Independent vane control
- Auto changeover
- •Ultra-quiet turbo fan
- •Built-in low ambient standard,
- down to 5°F (cooling mode)
- Night quiet operation

Included Accessories:

•Wireless Handheld Remote Controller - PQWRHDF0

Required Accessories (sold separately):

Cassette Grille (PT-UMC1)

Optional Accessories (sold separately):

- LG Programmable Thermostat PREMTB10U
- Plasma Kit PTPKM0
- Ventilation³ Kit PTVK410+PTVK420
- Auto Elevation Kit PTEGM0



Operating Range:

Outdoor Unit:

Cooling (°F DB)	5-118
Heating (°F WB)	0-64

Indoor Unit:

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

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Refrigerant Charge (lbs)	4.41
IDU Sound Pressure (H/M/L) ±3 dB(A) ⁴	38/36/34
ODU Sound Pressure Max (Cool/Heat) ±3 dB(A) ⁴	48/52
ODU Net Unit Weight (lbs)	133
ODU Shipping Weight (lbs)	148
IDU Net Unit Weight (lbs)	46
IDU Shipping Weight (lbs)	55
Grille Weight (lbs)	11
Grille Shipping Weight (lbs)	20

Fan:

ODU Type		Propeller
IDU Fan Type		Turbo
Fan Speeds (Fan/Coolin	g/Heating)	4/5/4
Fan Quantity (ODU + ID	U)	(1 + 1)
Motor/Drive	Brushless Digital	lly Controlled/Direct
ODU Air Circulation (CF	M)	2,048
IDU Air Circulation (CFM	1 H/M/L)	565/494/424
Dehumidification (pts/h	ır)	5.1

Notes:

- 1.Acceptable operating voltage: 187V 253V.
- 2. Piping lengths are equivalent.
- 3. Must comply with applicable codes for fire isolation dampers.
- 4. Sound pressure levels are tested in an anechoic chamber under ISO Standard 1996.
- 5.All communication/power cable to be minimum 18 American wire gauge (AWG), 4conductor, stranded, shielded and must comply with applicable local and national code. 6. This unit comes with a dry helium charge.
- 7.Nominal data is rated 0 ft above sea level, with 25 ft of refrigerant line and a 0 ft level difference between outdoor and indoor units.
- 8. Power wiring cable size must comply with the applicable local and national code.
- 9. Must follow installation instructions in the applicable LG installation manual.





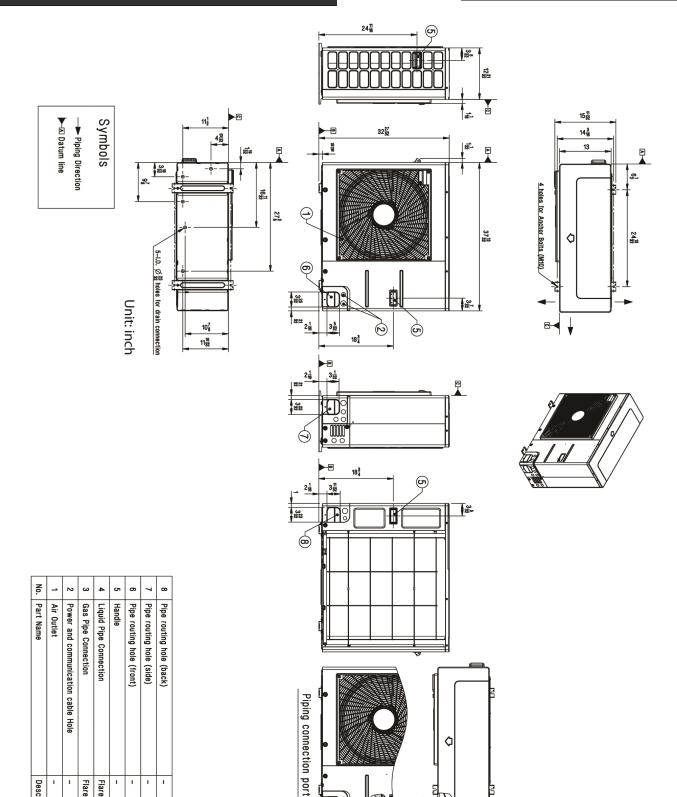


Outdoor Unit (ODU) - LUU187HV

Ceiling Cassette Single Zone



Tag #: Date:



21/2

 $13\frac{7}{32}$

Flare joint Flare joint

Indoor Unit (IDU) - LCN187HV Ceiling Cassette Single Zone



LG Life/o Coord Tag #:

Date:

Life's Good PO No.:

