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

(Project Manager)







## LC367HV

Ceiling Cassette Single Zone

Outdoor Unit (ODU) - LUU367HV Indoor Unit (IDU) - LCN367HV





#### Performance:

Cooling:

(Company)

Cooling (Min-Rated-Max, Btu/h)	14,000 - 36,000 - 42,000
SEER	19
EER	13.5

Heating (Min-Rated-Max, Btu/h)	14,500 - 40,000 - 45,000
HSPF	9.50

HSPF - Heating Seasonal Performance Factor

#### **Electrical:**

Power Supply (V¹/Hz/Ø)	208-230/60/1
MOP (A)	40
MCA (A)	24.5
Cooling Rated Amps (A)	20.2
Heating Rated Amps (A)	20.8
Compressor (A)	18.6
Fan (A)	1.2
Cooling Power Input (kW)	2.97
Heating Power Input (kW)	3.20

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) <sup>2</sup>	246
Pipe Length (no add'l Refrigerant, ft)	25
Max Elevation (ft)	98

- •Inverter (Variable speed compressor) •Auto restart
- •Internal condensate pump
- •Swirl Wind
- Jet Cool
- •Independent vane control Evaporator frost control
- Auto changeover
- •Ultra-quiet turbo fan
- •Built-in low ambient standard,

down to 5°F (cooling mode)

Night quiet operation

#### Required Accessories (sold separately):

Cassette Grille [PT-UMC1 or PT-UMC1B (Black)]

#### **Optional Accessories (sold separately):**

- LG Programmable Thermostat PREMTB10U
- PI-485 PMNFP14A1
- Ventilation³ Kit PTVK410+PTVK420
- Auto Elevation Kit PTEGM0
- Low Ambient Wind Baffle (Cooling operation to 0°F) ZLABGP04A



#### **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)	7.49
IDU Sound Pressure (H/M/L) ±3 dB(A)⁴	46/44/43
ODU Sound Pressure Max (Cool/Heat) ±3 dB(A) <sup>4</sup>	52/54
ODU Net Unit Weight (lbs)	203
ODU Shipping Weight (lbs)	227
IDU Net Unit Weight (lbs)	55
IDU Shipping Weight (lbs)	65
Grille Weight (lbs)	11
Grille Shipping Weight (lbs)	20

#### Fan:

ODU Type		Propeller
IDU Fan Type		Turbo
Fan Speeds (Fan/Cooling	g/Heating)	4/5/4
Fan Quantity (ODU + ID	U)	(2 + 1)
Motor/Drive	Brushless Dig	gitally Controlled/Direct
ODU Air Circulation (CFI	M)	1,942 x 2
IDU Air Circulation (CFM	1 H/M/L)	1,060/989/918
Dehumidification (pts/h	r)	7.7

### 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), 4-
- conductor, 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.







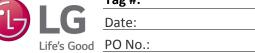


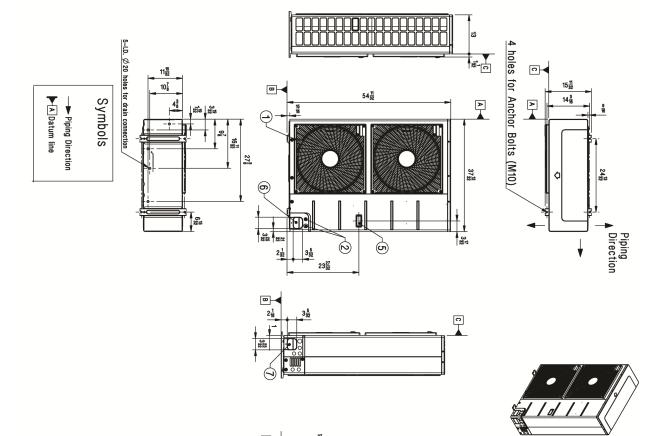
# Outdoor Unit (ODU) - LUU367HV

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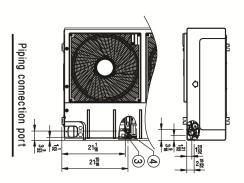
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Dark Name	Air Outlet	Power and o	Gas Pipe Co	Liquid Pipe (	Handle	Pipe routing	Pipe routing	Pipe routing							 [2	A

No.	_	2	ъ	4	5	6	7	8
Part Name	Air Outlet	Power and communication cable Hole	Gas Pipe Connection	Liquid Pipe Connection	Handle	Pipe routing hole (front)	Pipe routing hole (side)	Pipe routing hole (back)
Description	ı	1	Flare joint	Flare joint	I	ı	-	_



# Indoor Unit (IDU) - LCN367HV Ceiling Cassette Single Zone



Tag #:

Date:

