

Job Name/Location:

Tag #:

Date:

For:  File  Resubmit  
 Approval  Other \_\_\_\_\_

PO No.:

Architect:

GC:

Engr:

Mech:

Rep:  
 (Company) \_\_\_\_\_ (Project Manager)

**LH367HV**  
 Single Zone High Static Duct  
 Outdoor Unit (ODU) - LUU367HV Indoor Unit (IDU) - LHN367HV



PQRVCLOQW



**Performance:**

**Cooling:**

Cooling (Min-Rated-Max, Btu/h)	16,000 - 36,000 - 41,400
SEER/EER	17.60/12.1

SEER - Seasonal Energy Efficiency Rating EER - Energy Efficiency Rating

**Heating:**

Heating (Min-Rated-Max, Btu/h)	17,500 - 40,000 - 48,000
HSPF	9.20

HSPF - Heating Seasonal Performance Factor

Cooling Nominal Test Conditions: Heating Nominal Test Conditions:

Indoor: 80°F DB/67°F WB Indoor: 70°F DB/60°F WB  
 Outdoor: 95°F DB/75°F WB Outdoor: 47°F DB/43°F WB

**Electrical:**

Power Supply (V <sup>1</sup> /Hz/Ø)	208-230/60/1
MOP (A)	40
MCA (A)	24.5
Cooling Rated Amps (A)	20.8
Heating Rated Amps (A)	21.4
Compressor (A)	18.6
Fan Motor (A)	1.2
Cooling Power Input (kW)	2.91
Heating Power Input (kW)	3.36

MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity

**Piping:**

Liquid Line (in, OD)	3/8
Vapor 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

**Features:**

- ESP control
- Hot start
- Inverter (variable speed fan)
- Internal condensate pump
- Auto restart
- Control lock
- Group control
- Timer (on/off)
- Sleep moden

**Included Accessories:**

- Simple Controller with Mode (White) - PQRVCLOQW

**Optional Accessories (sold separately)**

- PI-485 - PMNFP14A1
- LG MultiSITE™ CRC1 Controller - PREMTBVCO
- Dry Contact for Thermostat - PDRYCB300
- High Efficiency Filter Box for BR HSD Chassis - ZFBXBR01A
- Dynamic V8 2VL Low Profile Air Cleaner - ZPLMV201A
- Dynamic V8 4VL Low Profile Air Cleaner - ZPLMV402A
- Low Ambient Wind Baffle (cooling operation to 0°F) - ZLABGP04A<sup>11</sup>

**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/Control	R410A/EEV
Refrigerant Charge (lbs)	7.4
ODU Sound Pressure Max (Cool/Heat) ±3 dB(A) <sup>3</sup>	52/54
IDU Sound Pressure (H/M/L) ±3 dB(A) <sup>3</sup>	39/38/37
ODU Net Weight (lbs)	203
ODU Shipping Weight (lbs)	227
IDU Net Weight (lbs)	125
IDU Shipping Weight (lbs)	139

**Fan:**

ODU/IDU Fan Type	Propeller/Sirocco
Fan Speeds (Fan/Cooling/Heating)	3/3/3
Fan Quantity (ODU + IDU)	2 + 1
Motor/Drive	Brushless Digitally Controlled/Direct
ODU Air Circulation (CFM)	1,942 x 2
IDU Air Circulation H/M/L (CFM)	1,130/953/706
Default External Static Pressure (in wg)	0.39
Minimum ESP/Fan Setting Value <sup>4</sup>	0.15/76
Maximum ESP/Fan Setting Value <sup>4</sup>	0.6/129
Dehumidification Rate (pts/hr)	10.6

**Notes:**

1. Acceptable operating voltage: 187V-253V.
2. Piping lengths are equivalent.
3. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 1996.
4. Maximum static pressure may result in reduced airflow (CFM).
5. 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.
6. See Engineering Manual for sensible and latent capacities.
7. Power wiring cable size must comply with the applicable local and national code.
8. The indoor unit comes with a dry helium charge.
9. This 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.
10. Must follow installation instructions in the applicable LG installation manual.
11. If the optional low ambient wind baffle (ZLABGP04A) is used, one wind baffle is required for each ODU fan.



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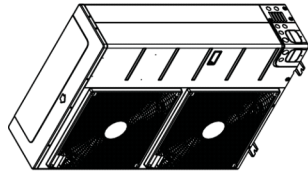
Single Zone High Static Duct



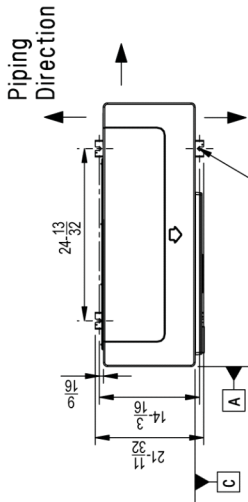
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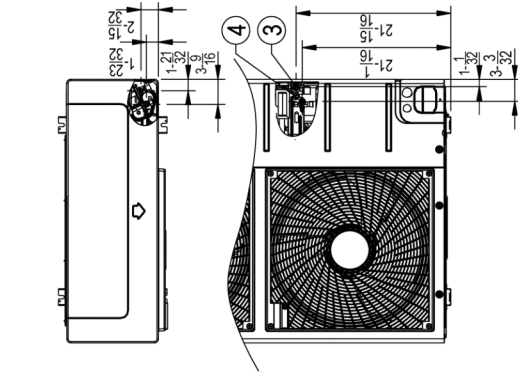
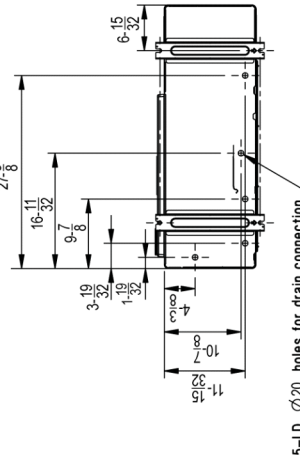
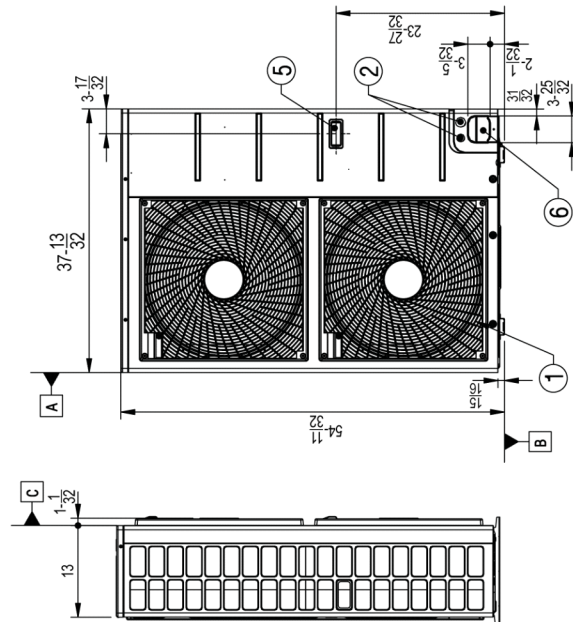
PO No.:



3D View



4 holes for Anchor Bolts (M10)



Piping connection port

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

## Symbols

→ Piping Direction

▲ Datum line

[Unit: inch]

# Indoor Unit (IDU) - LHN367HV

## Single Zone High Static Duct



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