Job Name/Location:

Date:

PO No.:

Architect:

Engr:

Mech:

For: File Resubmit

Approval Other

Mech:

(Project Manager)



Tag #:



PQRCVCL0QW

## LH247HV

Single Zone High Static Duct

Outdoor Unit (ODU) - LUU247 Indoor Unit (IDU) - LHN247HV





#### Performance:

Cooling:

(Company)

Capacity (Btu/h)	24,000
SEER	17.0
EER	12.0

SEER - Seasonal Energy Efficiency Ratio EER - Energy Efficiency Ratio

**Heating:** 

Capacity (Btu/h)	27,000
HSPF	10.0

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 (V¹/Hz/Ø)	208-230/60/1
MOP (A)	30
MCA (A)	18.1
Cooling Rated Amps (A)	15.1
Heating Rated Amps (A)	15.1
Compressor (A)	13.5
Fan Motor (A)	0.6
Cooling Power Input (kW)	2.00
Heating Power Input (kW)	2.28

MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity

## Piping:

Li	quid Line (in, OD)	3/8
٧	apor Line (in, OD)	5/8
Α	dditional Refrigerant (oz/ft)	0.43
N	lax Pipe Length (ft)²	164
Р	pe Length (no add'l Refrigerant, ft)	25
Ν	lax Elevation (ft)	98

#### Features:

ESP control
 Hot start
 Inverter (variable speed fan)
 Internal condensate pump
 Control lock function
 Group control
 Timer (on/off)
 Sleep mode

Auto restart

### **Included Accessories:**

•Simple Controller with Mode (White) - PQRCVCL0QW

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

LG Programmable Controller - PREMTB10U

Dry Contact Unit Dry Contact Unit (1 contact, 24 VAC external power) - PQDSB1

AC Ez - PQCSZ250S0



**Outdoor Unit:** 

Cooling (°F DB) Heating (°F WB)	5-118 0-64
Indoor Unit:	
Cooling (°F WB) IDU Heating (°F DB)	57-77 59-81

#### **Unit Data:**

Refrigerant Type	R410A
Refrigerant Control	EEV
Refrigerant Charge (lbs)	4.4
ODU Sound Pressure Max (Cool/Heat) ±3 dB(A) <sup>3</sup>	48/52
IDU Sound Pressure (H/M/L) ±3 dB(A) <sup>3</sup>	38/36/35
ODU Net Weight (lbs)	133
ODU Shipping Weight (lbs)	146
IDU Net Weight (lbs)	73
IDU Shipping Weight (lbs)	95

#### Fan:

ODU Type		Propeller
IDU Type		Sirocco
Fan Speeds (Fan/Cooling,	/Heating)	3/3/3
Fan Quantity (ODU + IDU	)	1+1
Motor/Drive	Brushless D	Digitally Controlled/Direct
ODU Air Circulation (CFM	)	2048
IDU Air Circulation H/M/I	(CFM)	688/618/530
Max External Static Press	ure (in wg)	0.39
Dehumidification Rate (p	ts/hr)	7.0

#### 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.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.
- 5. See Engineering Manual for sensible and latent capacities.
- 6.Power wiring cable size must comply with the applicable local and national code.
- 7.The indoor unit comes with a dry helium charge.
- 8. 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.
- 9. Must follow installation instructions in the applicable LG installation manual.







# Outdoor Unit (ODU) - LUU247HV Single Zone High Static Duct

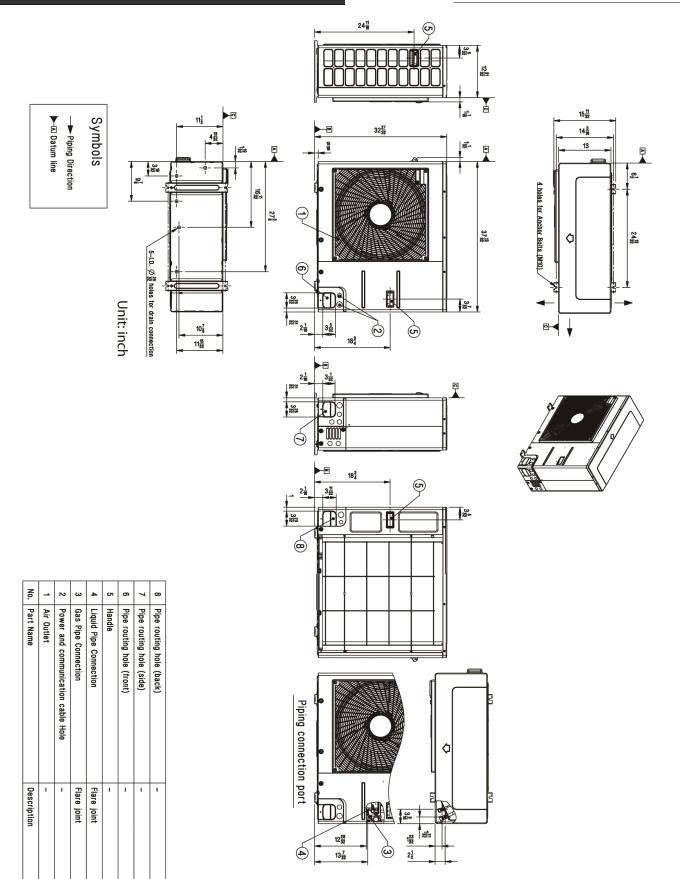


**LG** Life's Good

Tag #:

Date:

PO No.:



## Indoor Unit (IDU) - LHN247HV Single Zone High Static Duct



Tag #:
Date:

PO No.:

View A

7 ½ 13 =

3D VIEW

