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

Date: For: ☐ File ☐ Resubmit ☐ Approval ☐ Other

PO No.:

Architect: GC:

Engr: Mech:

Rep:
(Company) (Project Manager)





PQWRHDF0

LC187HV

Ceiling Cassette Single Zone

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

LG Life's Good



Performance:

Cooling:

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

SEER - Seasonal Energy Efficiency Ratio EER - Energy Efficiency Ratio

Heating:

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

HSPF - Heating Seasonal Performance Factor

Electrical:

Power Supply (V[1]/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

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/Cooling/Heating)	4/5/4
Fan Quantity (ODU + IDU)	(1 + 1)
Motor/Drive	Brushless Digitally Controlled/Direct
ODU Air Circulation (CFM)	2,048
IDU Air Circulation (CFM H/M/L)	565/494/424
Dehumidification (pts/hr)	5.1

Features:

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

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.

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
- ☐ Ventilation[3] Kit - PTVK410+PTVK420
- ☐ Auto Elevation Kit - PTEGM0

Intertek

Inverter

ENERGY STAR

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

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Job Name/Location:

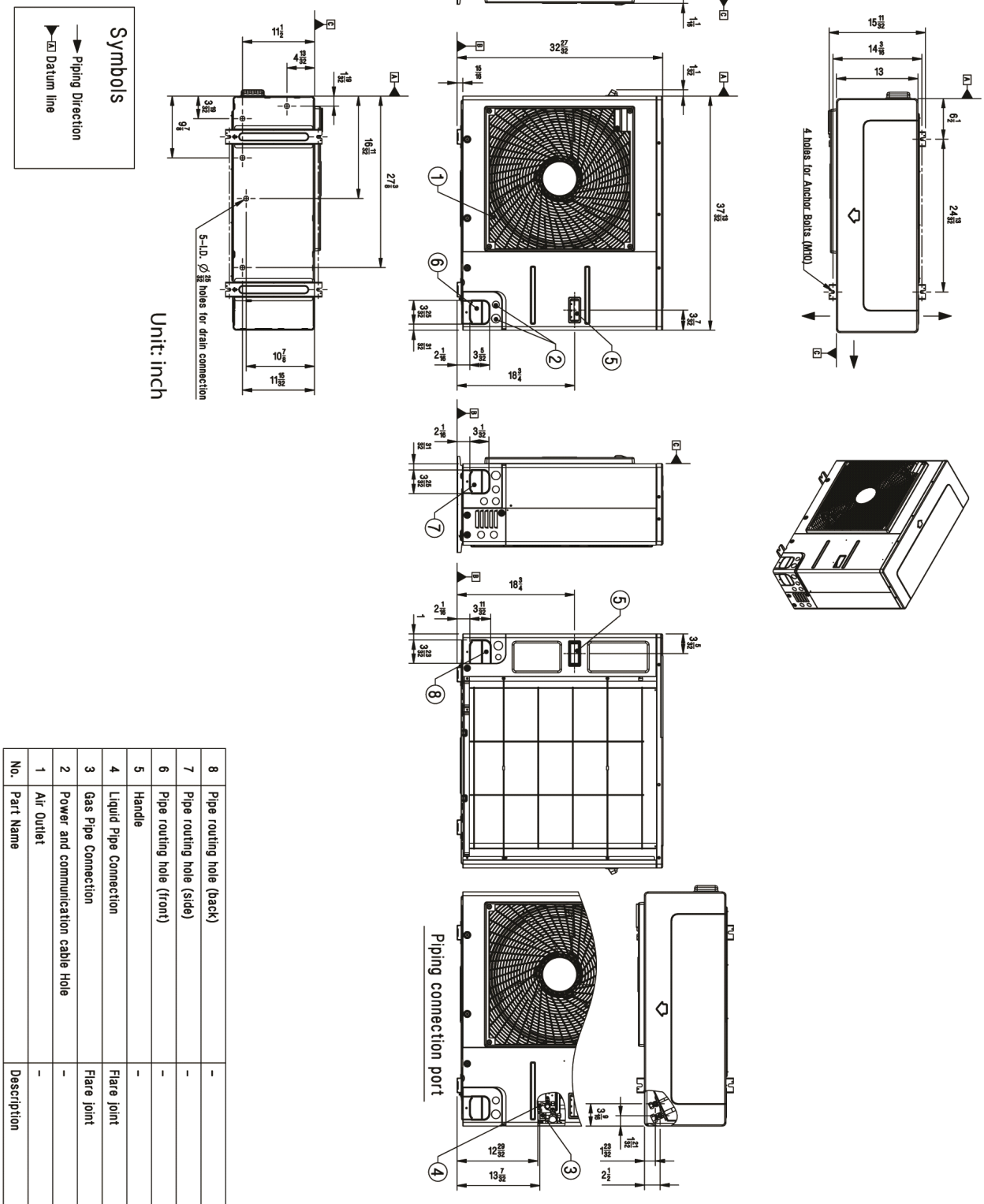
Outdoor Unit (ODU) - LUU187HV

Ceiling Cassette Single Zone

Tag #:

Date:

PO No.:



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

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Job Name/Location:

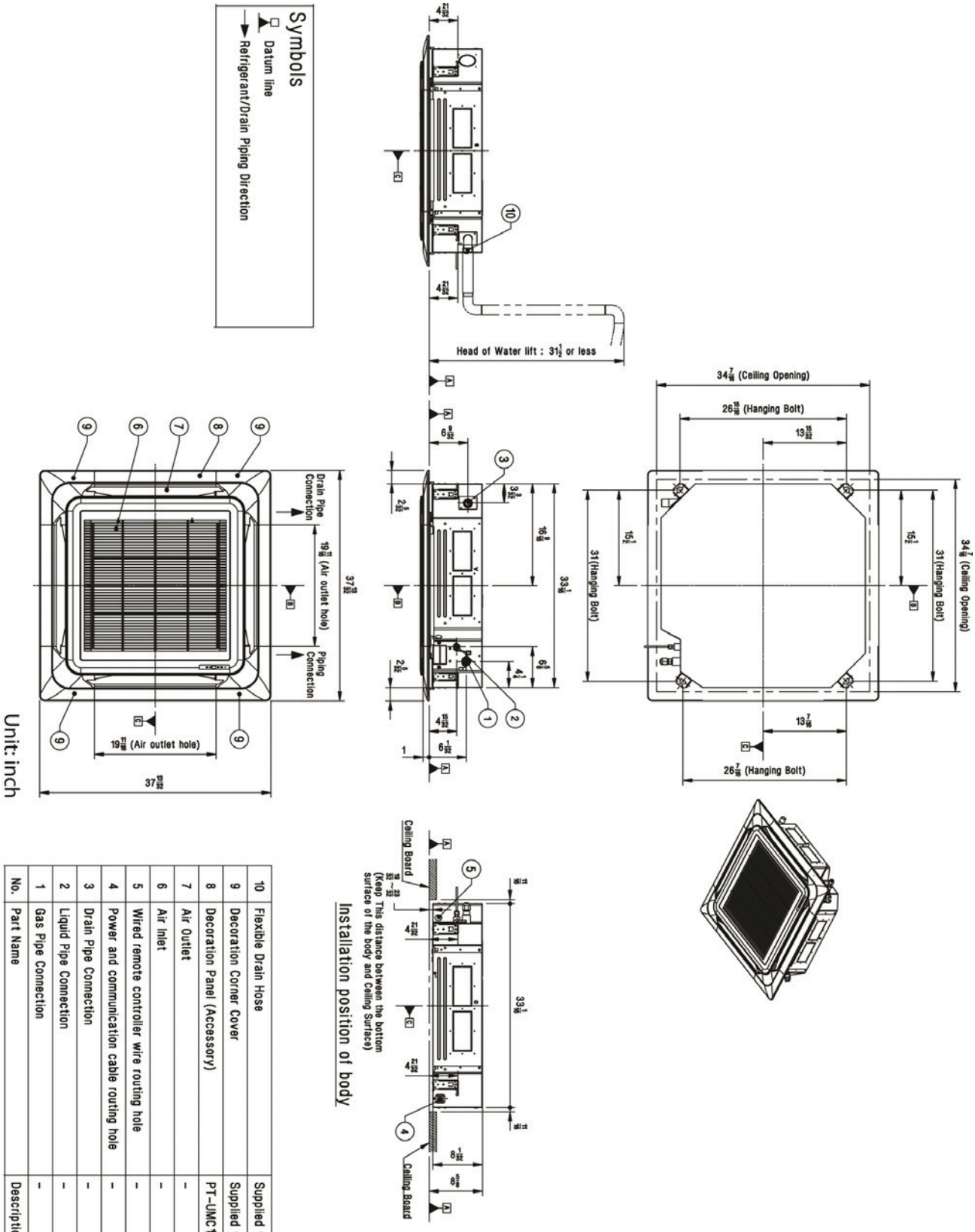
Indoor Unit (IDU) - LCN187HV

Ceiling Cassette Single Zone

Tag #:

Date:

PO No.:



No.	Part Name	Description
10	Flexible Drain Hose	Supplied with product
9	Decoration Corner Cover	Supplied with panel
8	Decoration Panel (Accessory)	PT-UMC1
7	Air Outlet	-
6	Air Inlet	-
5	Wired remote controller wire routing hole	-
4	Power and communication cable routing hole	-
3	Drain Pipe Connection	-
2	Liquid Pipe Connection	-
1	Gas Pipe Connection	-

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