

Job Name/Location:

Tag #:

Date:

For:  File  Resubmit

PO No.:

Approval  Other \_\_\_\_\_

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)



PQWRHDF0

**LMCN185HV**  
Flex Multi Ceiling Cassette  
18,000 Btu/h Indoor Unit



**Performance:**

Nominal Capacity (Btu/h)	18,000
--------------------------	--------

Cooling Nominal Test Conditions:

Indoor: 80°F DB/67°F WB  
Outdoor: 95°F DB/75°F WB

Heating Nominal Test Conditions:

Indoor: 70°F DB/60°F WB  
Outdoor: 47°F DB/43°F WB

**Electrical:**

Power Supply (V <sup>1</sup> /Hz/Ø)	208-230/60/1
Rated Amps (A)	0.25

**Piping:**

Liquid Line (in, OD)	1/4
Vapor Line (in, OD)	1/2
Drain OD, ID (in)	1-1/4, 1
Temperature Sensor	Thermistor
Max Length Each Pipe (ft)	82
Max Elevation between ODU and IDU (ft)	49.2
Max Elevation between IDU and IDU (ft)	24.6

**Features:**

- 2 Thermistor control
- 24-Hour on/off timer
- Auto operation
- Auto restart
- Chaos swing
- Control lock function
- Drain Pump
- Inverter (variable speed fan)
- Jet Cool
- Plasma air purifying system

**Included Accessories:**

- Wireless Handheld Controller - PQWRHDF0

**Required Accessories:**

- Grille Kit (PT-UQC)

**Optional Accessories:**

- 7-Day Programmable Controller (Black) - PQRCVSL0
- 7-Day Programmable Controller (White) - PQRCVSL0QW
- Simple Controller with Mode (Black) - PQRCVCL0Q
- Simple Controller with Mode (White) - PQRCVCL0QW
- Simple Controller without Mode (Black) - PQRCHCA0Q
- Simple Controller without Mode (White) - PQRCHCA0QW
- AC Smart II - PQCSW320A1E
- ACP without Digital I/O - PQCPA11A03
- ACP with Digital I/O - PQCPB11A0E
- LonWorks Gateway - PQNFB16A1
- BACnet Gateway - PQNFB17B0
- Plasma Kit - PTPKQ0
- Ventilation Kit - PTVK430
- Dry Contact Unit Dry Contact Unit (1 contact, 24 VAC external power) - PQDSB1
- Dry Contact Unit Dry Contact Unit (2 input, power from indoor unit) - PQDSBC
- Dry Contact for third party thermostat - PQDSBNGCM1

For continual product development, LG reserves the right to change specifications without notice.

LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. /www.lghvac.com

**Operating Range:**

Cooling Max (°F WB)	76
Heating Min (°F DB)	59

**Unit Data:**

Refrigerant Type	R410A
Refrigerant Control:	EEV
Sound Pressure H/M/L (±3 dB(A))	38/37/34
Primary Filter	Washable Pre-filter
Secondary Filter	Plasma
Net Weight (lbs)	34
Shipping Weight (lbs)	42
Grille Weight (lbs)	7
Grille Shipping Weight (lbs)	11
Communication Cable (No x AWG)	4 x 18

**Fan:**

Type	Turbo
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Airflow Rate H/M/L (CFM)	459/424/388
Dehumidification Rate (pts/h)	4.2

**Standard Features:**

- Limited Warranty with LG Certified Installation
- Limited Two Year Functional Parts Warranty

**Notes:**

1. Acceptable operating voltage: 187V-253V.
2. See Engineering Manual for sensible and latent capacities.
3. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 1996.
4. All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
5. Power wiring cable size must comply with the applicable local and national codes.
6. This unit comes with a dry helium charge.
7. This data is rated 0 ft above sea level, with 24.6 ft of refrigerant line per indoor unit and a 0 ft level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.
8. Must follow installation instructions in the applicable LG installation manual.



Job Name/Location:

**LMCN185HV**  
 Flex Multi Ceiling Cassette  
 18,000 Btu/h Indoor Unit

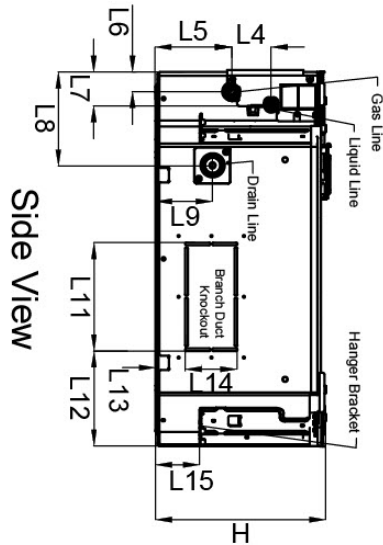
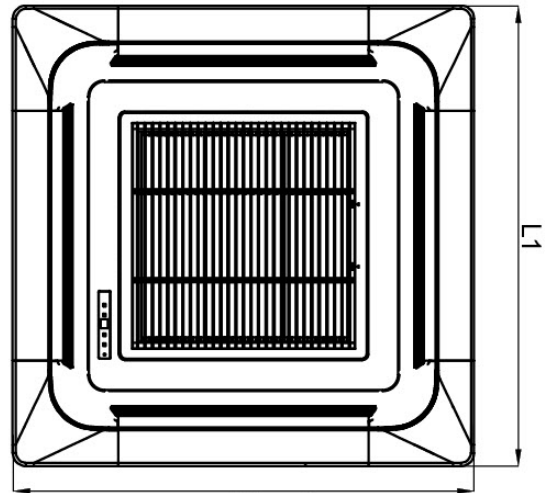
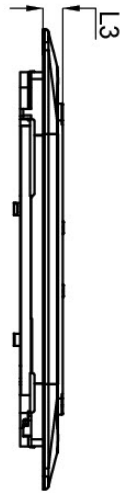


Tag #:

Date:

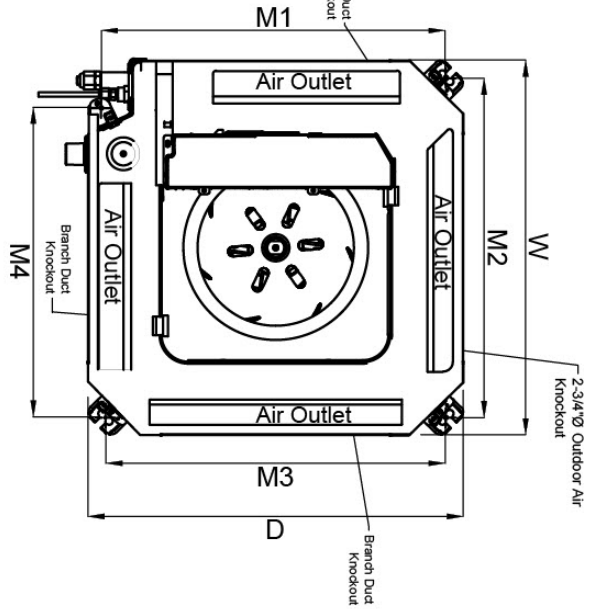
PO No.:

Grille



Side View

Bottom View



W	22-7/16"
H	10-3/32"
D	22-7/16"
L1	27-9/16"
L2	27-9/16"
L3	7/8"
L4	2-11/32"
L5	4-29/32"
L6	1-3/16"
L7	1-15/16"
L8	5-5/8"
L9	3-3/4"
L10	3"
L11	6-1/2"
L12	5-13/16"
L13	1-7/8"
L14	3-1/8"
L15	3"
M1	20-19/32"
M2	20-11/32"
M3	20-11/32"
M4	18-5/32"