Job Name/Location: Tag #: For: File Resubmit Date: Approval Other PO No.: GC: Architect: Mech: Engr: 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: | 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 |
|------------------------|--------------|
| 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 Drain Pump •24-Hour on/off timer Inverter
- Auto operation (variable speed fan)
- Auto restart Jet Cool
- Chaos swing Plasma air purifying system
- Control lock function

### **Included Accessories:**

Wireless Handheld Controller - PQWRHDF0

### **Required Accessories:**

Grille Kit (PT-UQC)

### **Optional Accessories:**

- 7-Day Programmable Controller (Black) PQRCVSLO
- 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



### **Operating Range:**

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

### **Unit Data:**

| R410A               |
|---------------------|
| EEV                 |
| 38/37/34            |
| Washable Pre-filter |
| Plasma              |
| 34                  |
| 42                  |
| 7                   |
| 11                  |
| 4 x 18              |
|                     |

### Fan:

| Туре                    | Turbo                                 |
|-------------------------|---------------------------------------|
| Quantity                | 1                                     |
| Motor/Drive             | Brushless Digitally Controlled/Direct |
| Airflow Rate H/M/L (CFI | M) 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.







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