Job Name/Location: For: File Resubmit Date: Approval Other PO No.: GC: Architect: Mech: Engr: Rep: (Company) (Project Manager)





LMCN077HV Multi F Ceiling Cassette

7,000 Btu/h Indoor Unit

Performance:

Nominal Cooling Capacity (Btu/h)	7,000
Nominal Heating Capacity (Btu/h)	8,100

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)	3/8
Drain OD, ID (in)	1-1/4, 1
Temperature Sensor	Thermistor

Features:

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

Included Accessories:

Wireless Handheld Controller - AKB73757604

Required Accessories:

Grille Kit (PT-UQC or PT-QCHW0)

Optional Accessories:

- LG Programmable Thermostat PREMTB10U
- 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 Premium PQCSW421E0A
- ACP Premium PQCPC22A1
- ACP Standard PQCPC22N1
- LonWorks Gateway PQNFB16A1
- BACnet Gateway PQNFB17C1
- Plasma Kit PTPKQ0
- Ventilation Kit PTVK430
- Dry Contact Unit (1 contact, 24 VAC external power) PQDSB1
- Dry Contact Unit (2 input, power from indoor unit) PQDSBC
- Dry Contact for Third Party Thermostat PQDSBNGCM1

For a complete list of available accessories, contact your LG representative.

Operating Range:

Tag #:

Cooling (°F WB)	57-77
Heating (°F DB)	59-81

Unit Data:

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	Refrigerant Type	R410A
	Refrigerant Control	EEV
	Sound Pressure H/M/L (±3 dB(A))	31/27/24
	Primary Filter	Washable Pre-filter
	Net Weight (lbs)	31
	Shipping Weight (lbs)	34
	Grille Weight (lbs)	7
	Grille Shipping Weight (lbs)	11
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Fan:

Туре	Turbo
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Airflow Rate H/M/L (CFN	M) 265/212/177

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 power/communication cable to be minimum 18 AWG, 4-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.Corresponding refrigerant piping length is in accordance with standard length of each outdoor unit and the level difference is 0 ft. 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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