



# Four-Way Ceiling Cassette

## Benefits of Multi F Systems

- Individual zone control
- Maximum flexibility
- Operating ranges of 14°F to 118°F in cooling and 0°F to 64°F in heating
- Quiet and comfortable environment
- Safer and easier installation with reduced ductwork
- Cost efficient
- Lightweight and compact system components



## Multi-Zone System Indoor Unit

Multi F multi-zone comfort solutions are air-conditioning systems that “split” into indoor and outdoor units, providing a smart alternative to both central HVAC and window-mounted air conditioners. These Inverter heat pump systems are available in a variety of configurations to suit different cooling and heating situations.

### Multi F Four-Way Ceiling Cassette Indoor Units

The unit case is recessed into the ceiling, while the off-white architectural grille (required; sold separately) is flush mounted against the ceiling. The case is manufactured of galvanized steel plate; the grill is plastic with a tapered trim edge. Each indoor unit includes its own wireless handheld remote controller; an LG-supplied wired controller is available separately. An included removable and washable filter is accessible from the bottom; a plasma filter is available as an optional accessory.



**MULTI F**

### Four-Way Comfort

The supply air outlet has four-directional diffusers, each equipped with an independent motorized guide vane. The guide vanes can discharge airflow in a counterclockwise pattern, or can be locked to fixed positions. Also, the vanes can be individually adjusted, customizing the airflow pattern for the room. A setting in the cooling and heating modes can cycle the vanes up and down for uniform / random air distribution.

Choose from Low, Med, High, Power Cool and Auto settings for Cooling mode; and Low, Med, High, and Auto settings for Heating mode. The Auto setting adjusts the fan speed based on the difference between the controller setting and the room temperature. And Four-Way Ceiling Cassette indoor units operate at sound levels no higher than 38 dB(A), contributing very little noise to the room.

### Quality Commitment

LG is committed to the success of air-conditioning projects. We provide technical support during installation, and offer a variety of classes designed for installers and service providers. Classes are conducted at LG's training centers and in field locations at various times throughout the year and upon special request.

### About LG Electronics, Inc.

LG Electronics, Inc. is a global leader and technology innovator in consumer electronics, mobile communications, and home appliances, employing more than 213,000 people in more than 60 countries worldwide. LG's commercial air conditioning business unit was established in 1968, and offers VRF, Multi F, duct-free split systems, packaged terminal air conditioners (PTACs), and room air conditioners.

***With LG, it's all possible.™***

# Four-Way Ceiling Cassette Multi F System Indoor Unit

## LMCN125HV

12,000 Btu/h Nominal Cooling Capacity  
13,800 Btu/h Nominal Heating Capacity

## LMCN185HV

18,000 Btu/h Nominal Cooling Capacity  
20,800 Btu/h Nominal Heating Capacity



LMCN125-185HV

### Features

- Inverter (Variable speed fan)
- Drain pump
- Control lock function
- Jet Cool
- Two thermistor control
- Auto / auto restart operation
- 24-hour on / off timer
- Required accessory grille (PT-UQC) sold separately
- Includes wireless remote controller; wired controller available as an option

Warranty: Visit [www.lg-dfs.com](http://www.lg-dfs.com) to view warranty information.

Model Number	LMCN125HV	LMCN185HV
Nominal Cooling Capacity (Btu/h)	12,000	18,000
Nominal Heating Capacity (Btu/h)	13,800	20,800
Fan		
Type	Turbo	Turbo
Motor Output (W) x Qty.	43 x 1	43 x 1
Motor/Drive	Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct
Airflow Rate (H/M/L) (CFM)	335 / 283 / 247	459 / 424 / 388
Unit Data		
Refrigerant Type / Control	R410A / EEV	R410A / EEV
Power Supply (Phase / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60
Rated Amps (A)	0.25	0.25
Sound Pressure Level $\pm 3$ dB(A) (H/M/L)	38 / 35 / 32	38 / 37 / 34
Body Dimensions (W x H x D, in.)	22-7/16 x 8-7/16 x 22-7/16	22-7/16 x 10-3/32 x 22-7/16
Grille (PT-UQC, sold separately) Dimensions (W x H x D, in.)	27-9/16 x 7/8 x 27-9/16	27-9/16 x 7/8 x 27-9/16
Body Net Weight (lbs.)	31	34
Grille (PT-UQC, sold separately) Net Weight (lbs.)	7	7
Body Shipping Weight (lbs.)	40	42
Grille (PT-UQC, sold separately) Shipping Weight (lbs.)	11	11
Power Wiring / Communications Cable (No. x AWG)	4 x 18	4 x 18
Heat Exchanger (Row x Column x Fin / inch) x Number	(2 x 8 x 18) x 1	(2 x 10 x 18) x 1
Piping		
Liquid (in.)	1/4	1/4
Vapor (in.)	3/8	1/2
Drain O.D. / I.D. (in.)	1-1/4 / 1	1-1/4 / 1