



Benefits of Multi F Systems

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



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.™

Low Static Ducted

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 Ceiling-Concealed Duct (Low Static) Indoor Units

LG's Multi F Ceiling-Concealed Duct (Low Static) indoor units are designed for low-static pressure applications up to 0.16"WG.

With a maximum height of 7-1/2 inches, these units can be mounted fully concealed above a finished ceiling with as little as 8 inches of vertical space. Casing is manufactured of galvanized steel plate, and includes hanger brackets for installation. The removable and washable filter is accessible from the rear of the unit. Each indoor unit includes its own LG-supplied wired controller.



MULTI F

Subtle Comfort

Choose from Low, Med, High, and Auto settings for Cooling mode; and Low, Med, High, and Auto settings for Heating mode. Each setting can be field-adjusted from the factory setting. The Auto setting adjusts the fan speed based on the difference between the controller setting and the room temperature. And Duct (Low Static) indoor units operate at sound levels no higher than 34 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.

Ceiling-Concealed (Low Static) Multi F System Indoor Unit

LMDN095HV

9,000 Btu/h Nominal Cooling Capacity
10,400 Btu/h Nominal Heating Capacity

LMDN185HV

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



LMDN125HV

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

LMDN095-125-185HV

Inverter



Features

- Inverter (Variable speed fan)
- Drain pump
- Control lock function
- Dehumidification function
- Two thermistor control
- External static pressure control
- Auto operation / auto restart
- Self-diagnostics function
- Includes wired controller

Warranty: Visit www.lg-dfs.com to view warranty information.

Model Number	LMDN095HV	LMDN125HV	LMDN185HV
Nominal Cooling Capacity (Btu/h)	9,000	12,000	18,000
Nominal Heating Capacity (Btu/h)	10,400	13,800	20,800
Fan			
Type	Sirocco	Sirocco	Sirocco
Motor Output (W) x Qty.	5 x 1, 19 x 1	5 x 1, 19 x 1	19 x 2
Motor/Drive	Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct
Airflow Rate (H/M/L) (CFM)	300 / 265 / 229	335 / 300 / 265	530 / 477 / 406
Max. External Static Pressure (in. wg)	0.16	0.16	0.16
Unit Data			
Refrigerant Type / Control	R410A / EEV	R410A / EEV	R410A / EEV
Power Supply (Phase / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
Rated Amps (A)	0.25	0.25	0.25
Sound Pressure Level ± 3 dB(A) (H/M/L)	32 / 26 / 25	33 / 31 / 26	34 / 31 / 29
Dimensions (W x H x D, in.)	32-9/32 x 7-1/2 x 22-5/8	32-9/32 x 7-1/2 x 22-5/8	43-5/16 x 7-1/2 x 22-5/8
Net Unit Weight (lbs.)	46	46	59
Shipping Weight (lbs.)	50	50	63
Power Wiring / Communications Cable (No. x AWG)	4 x 18	4 x 18	4 x 18
Heat Exchanger (Row x Column x Fin / inch) x Number	(2 x 12 x 21) x 1	(2 x 12 x 21) x 1	(2 x 11 x 21) x 1
Piping			
Liquid (in.)	1/4	1/4	1/4
Vapor (in.)	3/8	3/8	1/2
Drain O.D. / I.D. (in.)	1-1/4 / 1	1-1/4 / 1	1-1/4 / 1