



Benefits of Multi F Systems

- Individual zone control
- Long refrigerant piping lengths
- Large refrigerant piping elevation differences
- 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



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.™

Multi F Dual Tri, and Quad Zone

Multi F Outdoor Units

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 Systems

LG's Inverter heat pumps can support two, three, or up to four indoor units that are typically installed in separate rooms. Indoor units include a remote control, and many styles are offered: Art Cool™ Mirror wall-mounted, Art Cool Gallery™ wall-mounted, standard wall-mounted, four-way ceiling cassettes, ceiling-concealed duct (high and low static), and vertical-horizontal air handling models.

Adaptable and Flexible

Multi F outdoor units can be used on a wide range of building applications: schools, hotels, hospitals, offices, condominium, and single-family residences.

Smaller Piping Lengths and Plenums

LG Multi F systems use refrigerant piping to move heat, resulting in smaller space requirements for piping. Flexible and logical placement of system components, reduced back-and-forth pipe lengths, and fewer connections lowers installation and materials costs.

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.



MULTI F

Multi F Multi Zone System Outdoor Units

LMU187HV

15,600 Btu/h Cooling
17,000 Btu/h Heating

LMU369HV

34,000 Btu/h Cooling
41,000 Btu/h Heating



Dual-Zone
LMU187HV



Tri-Zone
LMU247HV



Quad-Zone
LMU369HV



Features

- Defrost / deicing
- Restart delay (three [3] minutes)
- Self diagnosis ; Soft start
- Inverter (Variable speed compressor)
- Auto / auto restart operation
- Low ambient operation to 14°F (Cooling mode)
- Gold Fin™ anti-corrosion

Warranty: Two (2) years parts; five (5) years compressor.

Model Number		LMU187HV	LMU247HV	LMU369HV
Rated Cooling Capacity (Btu/h)		15,600	19,200	34,000
Rated Heating Capacity (Btu/h)		17,000	26,400	41,000
Power Input	Cooling (kW)	1.12	1.43	2.72
	Heating (kW)	1.29	2.21	3.58
Running Current	Cooling (A)	5.2	6.6	11.8
	Heating (A)	6.0	10.2	15.5
Power Supply (Phase / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
Power Wiring / Communication Cable (No. x AWG)		4 x 18	4 x 18	4 x 18
Dimensions (W x H x D) (in.)		34-1/4 x 31-13/16 x 12-19/32	34-1/4 x 31-13/16 x 12-19/32	35-7/16 x 45-7/8 x 14-9/16
Net Unit Weight (lbs.)		124	131	199
Min. / Max. Number Indoor Units / System		2 / 2	2 / 3	2 / 4
Refrigerant	Factory Charge (lbs.)	4.19	4.63	7.72
	Type / Control / Location	R410A / EEV / Outdoor Unit	R410A / EEV / Outdoor Unit	R410A / EEV / Outdoor Unit
Sound Pressure Level Cooling / Heating (dB[A])		51	51	57
Piping Connections	Liquid (in., OD) x Qty.	1/4 x 2	1/4 x 3	1/4 x 4
	Vapor (in., OD) x Qty.	3/8 x 2	3/8 x 3	3/8 x 4
Max. Total Piping (ft.) ⁵		164	246.1	246.1
Max. Outdoor Unit to Indoor Unit Piping (ft.)		82	82	82
Piping Length (No Additional Refrigerant [ft.])		49.2	73.8	98.4
Max. Elevation Difference	Outdoor ~ Indoor (ft.)	49.2	49.2	49.2
	Indoor ~ Indoor (ft.)	24.6	24.6	24.6
Operation Range	Cooling (°F DB)	14 - 118	14 - 118	14 - 118
	Heating (°F WB)	0 - 64	0 - 64	0 - 64

Efficiency Ratings

System	Indoor Unit Combo.	Nominal Cooling (Btu/h)	EER	SEER	Nominal Heating (Btu/h)	COP	HSPF	Low Heating (Btu/h)	COP	Energy Star
LMU187HV	Non-Ducted	15,600	14.0	21.0	17,000	3.9	9.2	10,000	2.9	Yes
	Ducted	14,800	11.9	17.7	16,800	3.8	8.8	9,900	2.8	-
	Ducted & Non-Ducted	15,200	12.95	19.35	16,900	3.9	9.0	9,950	2.8	-
LMU247HV	Non-Ducted	19,200	13.4	21.7	26,400	3.5	9.4	16,200	2.6	Yes
	Ducted	18,000	11.8	16.4	26,200	3.4	8.5	16,400	2.6	-
	Ducted & Non-Ducted	18,600	12.6	19.05	26,300	3.5	8.95	16,300	2.6	-
LMU369HV	Non-Ducted	34,000	12.5	17.5	41,000	3.4	10.5	26,000	2.4	Yes
	Ducted	34,000	12.0	16.5	41,000	3.2	9.5	27,400	2.6	-
	Ducted & Non-Ducted	34,000	12.25	17.0	41,000	3.3	10.0	26,700	2.5	-

Due to our policy of continuous product innovation, some specifications may change without notification.

DFS-PB-AJ-008-US 013M18

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