

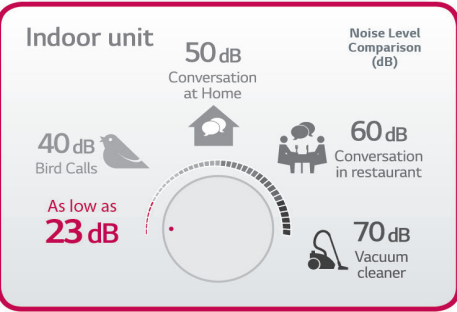
How LG Multi F systems work

LG heat pump systems consist of three basic components: An inverter (variable speed) outdoor heat pump, stylish and quiet indoor units, and a conduit with piping and wiring to connect the outdoor unit to each indoor unit. Multiple indoor units allow precise indoor temperature control throughout your home and provide the ability to adjust the temperature in each area to meet your needs.

HIGH-PERFORMANCE HEATING DOWN TO -4°F



WHISPER-QUIET INDOOR UNITS



BEAUTIFUL PICTURE FRAME AND MIRROR UNITS



LG SMART AC CONVENIENCE



WALL, CEILING AND CENTRAL DUCTED OPTIONS



SIMPLE CONTROL OPTIONS



SEER: Your guide to cool savings

An acronym for Seasonal Energy Efficiency Ratio, SEER is the industry-wide rating measurement that conveys energy consumption information. The higher the number, the more efficiently a product will produce cool air...and operating efficiency is a big step in conserving our natural resources. Your contractor will be happy to explain SEER numbers in greater detail, and help you determine which LG Duct-Free Split system is best for your unique requirements.



ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) created to promote energy-efficient products and practices. The ENERGY STAR® logo helps homeowners identify which products meet energy efficiency performance levels set by U.S. EPA and U.S. DOE.

HSPF: For cost-saving coziness

Heating Seasonal Performance Factor, or HSPF, represents the total heating output when compared to the electricity used. Like SEER, the higher the HSPF rating, the more efficiently a product will produce warm air. If you live in a climate that requires heating in the winter months as well as cooling in the summer, ask your contractor to determine the ideal Duct-Free Split system for you.

MULTI F OUTDOOR UNITS

	Specification	Unit	LMU18CHV	LMU24CHV	LMU30CHV	LMU36CHV
Capacity	Energy Star Matched Systems		Non-Ducted	Non-Ducted Mixed Non-Ducted & Ducted	Non-Ducted Mixed Non-Ducted & Ducted	Non-Ducted Mixed Non-Ducted & Ducted
	Rated Cooling Capacity	Btu/h	17,000	20,000	30,000	32,000
	Cooling Capacity Range	Btu/h	8,400 ~ 19,000	8,400 ~ 25,000	8,400 ~ 36,000	8,400 ~ 38,400
	Rated Heating Capacity	Btu/h	22,000	24,000	32,000	36,000
	Heating Capacity Range	Btu/h	10,248 ~ 24,000	9,240 ~ 28,800	9,240 ~ 38,400	9,240 ~ 41,600
	Max Heating Capacity at 17°F	Btu/h	19,161	21,097	26,739	29,105
	Max Heating Capacity at 5°F	Btu/h	14,807	14,595	20,622	22,057
	Max Heating Capacity at -4°F	Btu/h	9,912	10,385	13,753	15,823
Power	SEER / EER		22.0 / 13.0	21.7 / 13.5	22.0 / 13.0	22.0 / 13.0
	HSPF		9.7	10.6	10.0	10.0
	Voltage	V - Ø - Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	Cooling Power Input	kW	1.31	1.48	2.31	2.46
	Heating Power Input	kW	2.04	1.80	2.49	2.74
	MCA / MOCP	A	13.3 / 20	14.3 / 20	16.6 / 25.0	17.9 / 25
	Power/Communication Wiring ³	No. x AWG	4 x 18	4 x 18	4 x 18	4 x 18
	Dimensions (WxHxD)	in	34 ¹ / ₄ x 25 ²⁵ / ₃₂ x 12 ¹⁹ / ₃₂	34 ¹ / ₄ x 25 ²⁵ / ₃₂ x 12 ¹⁹ / ₃₂	37 ¹³ / ₃₂ x 32 ²⁷ / ₃₂ x 13	37 ¹³ / ₃₂ x 32 ²⁷ / ₃₂ x 13
Dimensions & Weight	Weight (Net/Shipping)	lbs	100/108	100/108	137/148	137/148
	Minimum Connectable Indoor Units	Qty	2	2	2	2
Unit Data	Maximum Connectable Indoor Units	Qty	2	3	4	4
	Max Total Indoor Connected Capacity	Btu/h	24,000	33,000	40,000	48,000
Warranty	Parts / Compressor		5 / 7	5 / 7	5 / 7	5 / 7

MULTI F MAX OUTDOOR UNITS

	Specification	Unit	LMU480HV	LMU540HV	LMU600HV
Capacity	Energy Star Matched Systems		Non-Ducted		
	Rated Cooling Capacity	Btu/h	48,000	52,500	60,000
	Cooling Capacity Range	Btu/h	14,400 ~ 58,000	14,400 ~ 63,200	15,600 ~ 68,000
	Rated Heating Capacity	Btu/h	54,000	58,000	64,000
	Heating Capacity Range	Btu/h	15,840 ~ 61,000	16,272 ~ 64,000	17,940 ~ 70,000
	Max Heating Capacity at 17°F	Btu/h	49,014	51,832	53,982
	Max Heating Capacity at 5°F	Btu/h	38,900	41,137	43,496
	Max Heating Capacity at -4°F	Btu/h	27,529	29,112	34,613
Power	SEER / EER		19.5 / 12.5	18.4 / 10.3	20.5 / 11.4
	HSPF		10.0	8.7	11.0
	Voltage	V - Ø - Hz	208/230-1-60	208/230-1-60	208/230-1-60
	Cooling Power Input	kW	3.84	5.1	5.26
	Heating Power Input	kW	4.32	5.4	5.33
	MCA / MOCP	A	27.3 / 40	29.4 / 40	32.2 / 45
	Power/Communication Wiring ³	No. x AWG	ODU → BDU: 4 x 16 BDU → IDU: 4 x 18	ODU → BDU: 4 x 16 BDU → IDU: 4 x 18	ODU → BDU: 4 x 16 BDU → IDU: 4 x 18
	Dimensions (WxHxD)	in	37 ¹³ / ₃₂ x 54 ¹¹ / ₃₂ x 13	37 ¹³ / ₃₂ x 54 ¹¹ / ₃₂ x 13	37 ¹³ / ₃₂ x 54 ¹¹ / ₃₂ x 13
Dimensions & Weight	Weight (Net/Shipping)	lbs	214/236	214/236	223/249
	Minimum Connectable Indoor Units	Qty	2	2	2
Unit Data	Maximum Connectable Indoor Units	Qty	8	8	8
	Max Total Indoor Connected Capacity	Btu/h	65,000	73,000	81,000
Warranty	Parts / Compressor		5 / 7	5 / 7	5 / 7

Note:
1. Rated capacity at 0 ft. above sea level with 25 ft. of refrigerant line and a 0 ft. level difference between outdoor and indoor unit.
2. Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).
3. Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).
4. For capacity information, see engineering manual capacity tables. Capacities are based on connection of Non-Ducted indoor units.
5. All power/communication wiring minimum 4-conductor, stranded, shielded, and must comply with applicable local and national codes.
6. Due to our policy of innovation, some specifications may be changed without notification.



Multi Zone Home Comfort Solutions



Innovation for a Better Life

Visit www.lghomecomfort.com

Our site is an excellent resource and where you can find the LG installers in your area.
LG Electronics USA Inc., Air Conditioning Systems
4300 North Point Parkway, Alpharetta, GA 30022

Year-round comfort in all areas of your home

2-3 ZONE COMFORT



A typical 2-3 zone system may include units installed in the living room, basement and one bedroom. Other options may include units in both bedrooms plus the living room.

Indoor unit style options	Art Cool™ Gallery	Art Cool™ Mirror	Standard Wall Mounted	Low Static Horizontal Air Handler	Ceiling Cassette
7,000 Btu/h			✓		✓
9,000 Btu/h	✓	✓	✓	✓	✓
12,000 Btu/h	✓	✓	✓	✓	✓
15,000 Btu/h			✓		

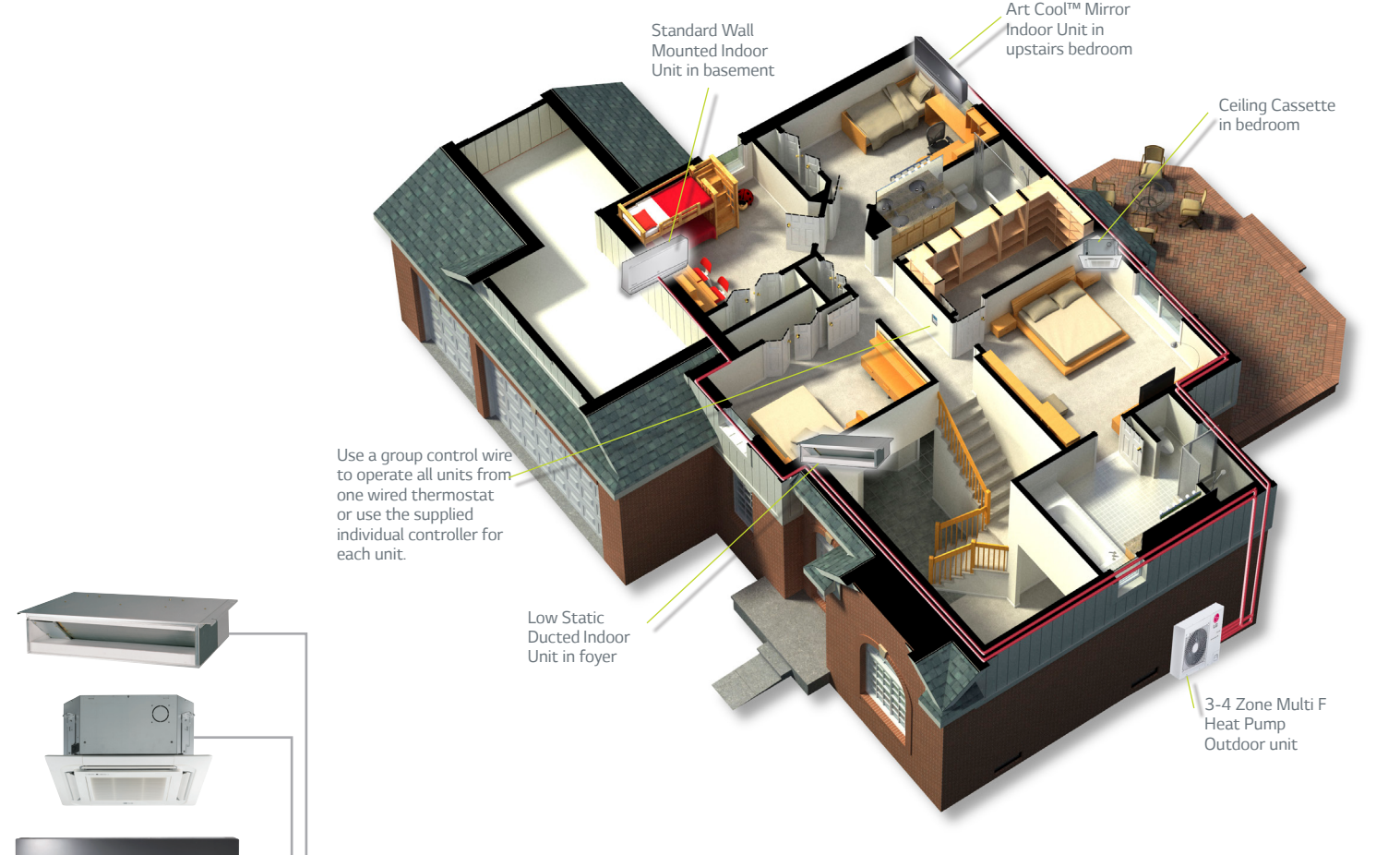
LMU18CHV - 2 indoor units
Comfort from up to 24,000 Btu/h of combined indoor units

LMU24CHV - 2 to 3 indoor units
Comfort from up to 33,000 Btu/h of combined indoor units

Benefits of LG Multi F systems:

LG Multi F whole-home comfort systems provide powerful, efficient heating and cooling with up to eight indoor units operating off a single outdoor unit. In fact, most combinations are ENERGY STAR® Certified. Individual room temperature control with low operating cost are at your fingertips with LG Multi F.

3-4 ZONE COMFORT



With a larger outdoor unit, the cooling and heating capacity is increased with the 3-4 zone option. This may include additional indoor units in bedrooms, the den, sunroom, or any other area not covered by a 2-3 zone option. Additionally, the LMU30CHV and LMU36CHV are compatible with our 24,000 Btu/h vertical air handler and high static ducted indoor units.

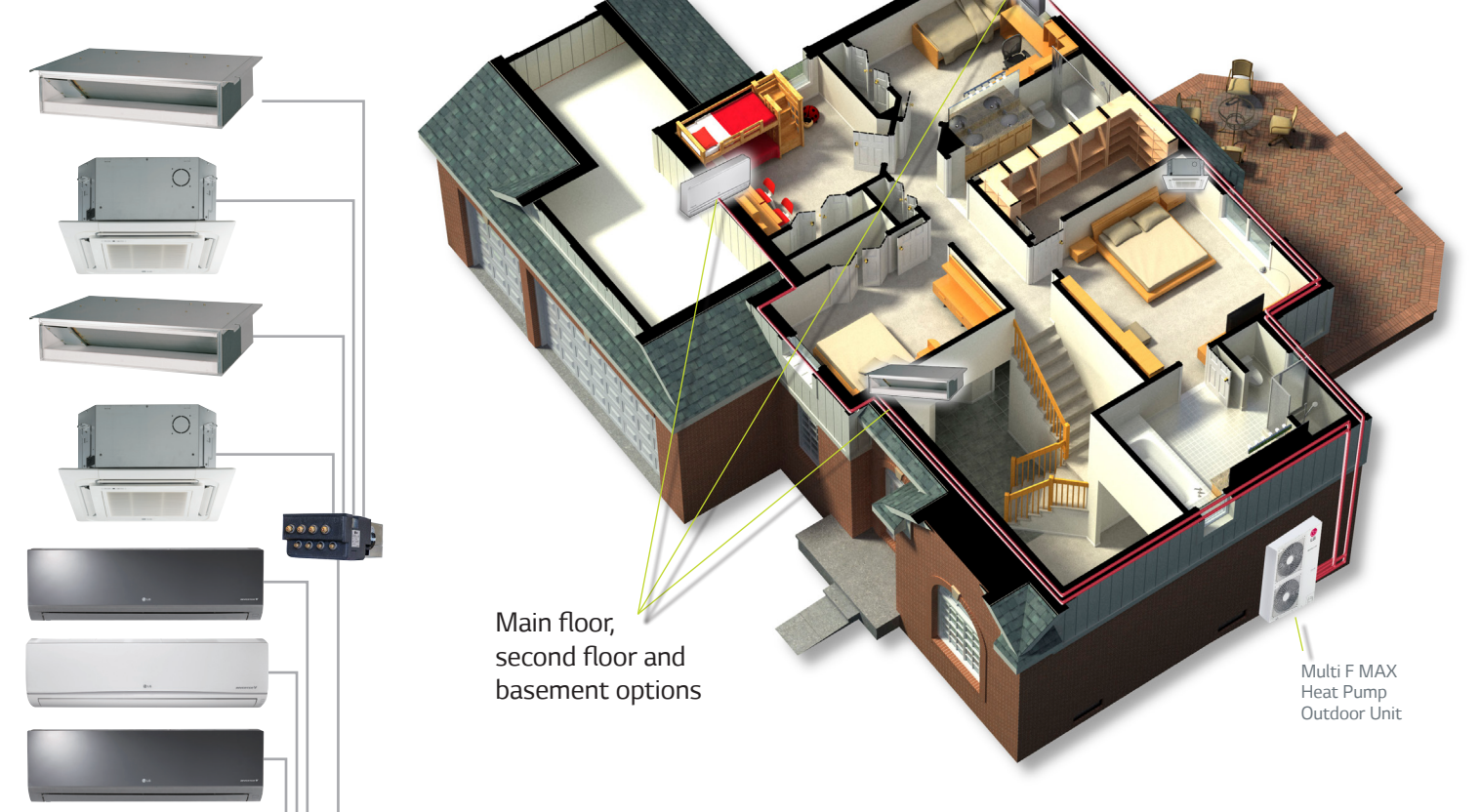
Indoor unit style options	Art Cool™ Gallery	Art Cool™ Mirror	Standard Wall Mounted	Low Static Ducted	Ceiling Cassette	High Static Ducted	Vertical / Horizontal Air Handler
All Capacities ≤ 24,000	✓	✓	✓	✓	✓	✓	✓

LMU30CHV - 2 to 4 indoor units
Comfort from up to 40,000 Btu/h of combined indoor units

LMU36CHV - 2 to 4 indoor units
Comfort from up to 48,000 Btu/h of combined indoor units

Installation is easy and does not require major renovations – the pipes connecting your outdoor unit to the indoor units are small and easy to run throughout your house. Your contractor can usually install a whole-home system in just a few days start-to-finish and adding an additional indoor unit down the road is simple and cost-effective. Using three or more indoor units is more cost-effective and uses less space than installing three individual single-zone systems.

MULTI F MAX UP TO 8 ZONE COMFORT



Multi F MAX offers the total whole-home solution with 4, 4 1/2 & 5 ton options and up to 8 indoor units. It is compatible with all indoor units styles and capacities. All can easily be controlled from one wired thermostat using the group control cable or independently control each unit with the provided individual controller.

Indoor unit style options	Art Cool™ Gallery	Art Cool™ Mirror	Standard Wall Mounted	Low Static Ducted	Ceiling Cassette	High Static Ducted	Vertical / Horizontal Air Handler
All Capacities	✓	✓	✓	✓	✓	✓	✓

LMU480HV & LMU540HV & LMU600HV
2 to 8 Zone Multi F MAX Heat Pump Inverter System
Mix and match for 24,000-81,000 Btu/h.