



Benefits of Single-Zone Duct-Free Split Mega Wall-Mounted Systems

- Inverter technology
- Available in 9,000, 12,000, 18,000, 24,000 Btu/h capacities
- All-season use—heat pump models for both cooling and heating capabilities
- Operating ranges for outdoor units of 64°F to 118°F (DB) for cooling; 23°F to 75°F (WB) for heating
- Operating ranges for indoor units of 64°F to 90°F (WB) for cooling; 60°F to 86°F (DB) for heating
- Quiet operation inside and out



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.™

Mega Wall-Mounted

Single-Zone Duct-Free System

Duct-Free Split systems are comprised of two major components—indoor units and outdoor units—that are connected through refrigerant piping and power wiring / communications cable. These Inverter heat pump systems provide a smart alternative to both central HVAC and window-mounted air conditioners, and are available in a variety of configurations to suit different cooling and heating situations. Installation by a qualified HVAC contractor is safe and easy—little to no duct work or sheet metal is required.

Mega Systems

Mega Wall-Mount Split systems apply duct-free technology in a streamlined, low-profile design. Featuring an easier installation procedure and Inverter compressor technology, these systems are designed to save you time and money. Choosing a Mega Wall-Mount split system provides a designer an edge with individual advanced control and design flexibility. Mega Wall-Mount systems are available in nominal capacities of 3/4, 1, 1-1/2 and 2 tons. These are best suited for applications with zones that require heating or cooling, such as residential and small business office buildings.



Inverter Technology

Inverter variable-speed split systems are measurably quieter and consume less energy than conventional air conditioners. The Inverter compressor ramps up or down to match the required room capacity and maintain the comfort level. When the selected temperature is reached, the Inverter compressor operates at low speed to maintain that comfort level, thereby using less energy.

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.

Mega Wall-Mounted Single-Zone Duct-Free Split Systems

LS090HEV

8,500 Btu/h Cooling
9,000 Btu/h Heating



LS180HEV

17,000 Btu/h Cooling
19,000 Btu/h Heating



LS120HEV

12,000 Btu/h Cooling
12,000 Btu/h Heating



LS240HEV

22,000 Btu/h Cooling
22,000 Btu/h Heating



Features

- Inverter (Variable speed compressor)
- Gold Fin™ anti-corrosion
- Temperature display on indoor unit
- Cooling/Heating/Fan modes
- Jet Cool / Chaos Wind
- Four (4) fan speeds
- Dehumidifying mode
- Auto operation / restart
- Condensate sensor connection
- Includes handheld remote controller

Warranty: Five (5) years parts; seven (7) years compressor.

System Model Number		LS090HEV	LS120HEV	LS180HEV	LS240HEV
Indoor Unit Model Number		LSN090HEV	LSN120HEV	LSN180HEV	LSN240HEV
Outdoor Unit Model Number		LSU090HEV	LSU120HEV	LSU180HEV	LSU240HEV
Rated Cooling Capacity (Btu/h)		8,500	12,000	17,000	22,000
Rated Heating Capacity (Btu/h)		9,000	12,000	19,000	22,000
EER		10.9	10.26	10.95	10.75
SEER		16.3	16.3	17.0	17.0
HSPF		8.3	8.5	8.7	8.5
Air Circulation	CFM (Max/H/M/L)	318 / 276 / 226 / 177	424 / 353 / 272 / 212	629 / 512 / 441 / 353	689 / 600 / 494 / 388
Fan Speeds		4 / 4 / 4	4 / 4 / 4	4 / 4 / 4	4 / 4 / 4
Dehumidification	pts. / hr.	2.12	2.76	3.39	4.88
Thermostat Range	Cooling (°F WB)	64 - 90	64 - 90	64 - 90	64 - 90
	Heating (°F DB)	60 - 86	60 - 86	60 - 86	60 - 86
Indoor Unit Sound Pressure Levels	dB(A) (H / M / L)	39 / 33 / 25	39 / 33 / 25	42 / 40 / 35	45 / 40 / 35
Outdoor Unit Sound Pressure Level	dB(A)	47	47	51	53
Power Supply (Outdoor and Indoor; Phase / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
Indoor Unit Dimensions					
W x H x D	in.	29-3/4 x 10-7/16 x 7-1/4	34-13/16 x 11-1/4 x 8-1/4	40-9/16 x 12-13/16 x 9-13/16	40-9/16 x 12-13/16 x 9-13/16
Net Unit Weight	lbs.	15.9	19.8	27.3	27.8
Outdoor Unit Dimensions					
W x H x D	in.	28-1/4 x 19-1/32 x 9-1/16	28-1/4 x 19-1/32 x 9-1/16	30-5/16 x 21-1/2 x 11-5/16	34-1/4 x 25-13/16 x 12-9/32
Net Unit Weight	lbs.	51.1	48.5	71.4	91.9

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

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