



Benefits of Single-Zone Duct-Free Split Art Cool™ Mirror 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 14°F to 118°F (DB) for cooling; 5°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.™

Art Cool™ Mirror

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.

Art Cool™ Mirror Systems

LG's Art Cool™ Mirror indoor units have a flat panel with a smoked charcoal mirror finish for a modern style. Choose from several operating settings in cooling or heating for customized comfort. The removable, washable and plasma filters are easily accessible from the front of the unit without using tools. Art Cool™ Mirror systems are available in nominal capacities of 3/4, 1, 1-1/2, and 2 tons. These systems 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.

Art Cool™ Mirror Single-Zone Duct-Free Split Systems

LA090HSV2

9,000 Btu/h Cooling
10,800 Btu/h Heating



LA120HSV2

11,200 Btu/h Cooling
13,300 Btu/h Heating

LA180HSV2

18,200 Btu/h Cooling
22,000 Btu/h Heating

LA240HSV2

22,000 Btu/h Cooling
27,600 Btu/h Heating



Features

- Inverter (Variable speed compressor)
- Gold Fin™ anti-corrosion
- Self-cleaning indoor coil
- Cooling / Heating / Fan modes
- Jet Cool / Jet Heat
- Chaos Wind
- 4-Way auto swing
- Dehumidifying mode
- Auto restart / changeover
- Built-in low ambient standard, down to 14°F (Cooling mode)
- 24-Hour on-off timer
- Condensate sensor connection
- Plasma air purifying system
- Includes handheld remote controller

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

System Model Number		LA090HSV2	LA120HSV2	LA180HSV2	LA240HSV2
Indoor Unit Model Number		LAN090HSV2	LAN120HSV2	LAN180HSV2	LAN240HSV2
Outdoor Unit Model Number		LAU090HSV2	LAU120HSV2	LAU180HSV2	LAU240HSV2
Rated Cooling Capacity (Btu/h)		9,000	11,200	18,200	22,000
Rated Heating Capacity (Btu/h)		10,800	13,300	22,000	27,600
EER		13.3	12.5	12.6	10.8
SEER		20.0	20.0	20.5	20.0
HSPF		11.0	11.0	9.7	10.0
Air Circulation	CFM (Max./H/M/L)	423 / 335 / 272 / 212	423 / 353 / 272 / 212	777 / 622 / 509 / 399	777 / 632 / 526 / 399
Fan Speeds		6 / 6 / 6	6 / 6 / 6	6 / 6 / 6	6 / 6 / 6
Dehumidification	pts. / hr.	2.6	3.0	5.5	5.5
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)	38 / 33 / 24	39 / 33 / 24	45 / 40 / 35	45 / 40 / 35
Outdoor Unit Sound Pressure Level	dB(A)	45	45	53	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.	34-13/16 x 11-1/4 x 8-1/16	34-13/16 x 11-1/4 x 8-1/16	40-9/16 x 12-13/16 x 9-11/16	40-9/16 x 12-13/16 x 9-11/16
Net Unit Weight	lbs.	24.3	24.3	37.5	37.5
Outdoor Unit Dimensions					
W x H x D	in.	30-5/16 x 21-1/2 x 11-5/16	30-5/16 x 21-1/2 x 11-5/16	34-1/4 x 31-1/2 x 12-5/8	34-1/4 x 31-1/2 x 12-5/8
Net Unit Weight	lbs.	77.2	77.2	132.3	132.3

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

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