



## Benefits of Single-Zone Duct-Free Split Art Cool™ Premier Systems

- Inverter technology
- Available in 9,000 and 12,000 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; -13°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™ Premier

## Single-Zone Duct-Free System

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™ Premier Systems

The Art Cool™ Premier Wall-Mount Split System is among the industry's best air-conditioning units. Choosing this product provides a system designer an edge with individual advanced control and design flexibility.

Art Cool™ Premier systems are available in nominal capacities of 3/4 and 1 ton. 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.

# Art Cool™ Premier Single-Zone Duct-Free Split Systems

## LA090HYV

9,000 Btu/h Cooling  
11,000 Btu/h Heating

## LA120HYV

12,000 Btu/h Cooling  
13,600 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
- Four-way auto swing
- Dehumidifying mode
- Auto restart
- Auto changeover
- Built-in low ambient standard, down to 14°F (Cooling mode)
- 24-Hour on-off timer
- Condensate sensor connection
- Includes handheld remote controller

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

System Model Number		LA090HYV	LA120HYV
Indoor Unit Model Number		LAN090HYV	LAN120HYV
Outdoor Unit Model Number		LAU090HYV	LAU120HYV
Rated Cooling Capacity (Btu/h)		9,000	12,000
Rated Heating Capacity (Btu/h) (47°F [DB] / 43°F [WB])		11,000	13,600
Rated Heating Capacity (Btu/h) (19°F [DB] / 17°F [WB])		7,100	8,400
Maximum Heating Capacity (19°F [DB] / 17°F [WB])		11,935	14,650
Maximum Heating Capacity (6°F [DB] / 5°F [WB])		11,220	13,720
Maximum Heating Capacity (-12°F [DB] / -13°F [WB])		7,920	9,520
EER (at Rated Cooling Capacity)		16.0	14.1
SEER (at Rated Cooling Capacity)		27.5	25.5
HSPF (at Rated Heating Capacity 47°F [DB] / 43°F [WB])		11.8	11.5
Air Circulation	CFM (Max. / H / M / L)	547 / 494 / 417 / 283	547 / 494 / 417 / 283
Fan Speeds		6 / 6 / 6	6 / 6 / 6
Dehumidification	pts. / hr.	3.3	3.7
Thermostat Range	Cooling (°F WB)	64 - 90	64 - 90
	Heating (°F DB)	60 - 86	60 - 86
Indoor Unit Sound Pressure Levels	dB(A) (H / M / L)	42 / 36 / 25	42 / 36 / 25
Outdoor Unit Sound Pressure Level	dB(A)	45	45
Power Supply (Outdoor and Indoor, Phase / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
Indoor Unit Dimensions			
W x H x D	in.	34-7/16 x 11-5/8 x 9-1/4	34-7/16 x 11-5/8 x 9-1/4
Net Unit Weight	lbs.	24.3	24.3
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
Net Unit Weight	lbs.	72.8	72.8