

BUILDER SERIES



Ductless Inverter Heat Pumps



Multiple & Single Systems

12,000 - 24,000 BTU/hr
Heating & Cooling

FEATURES - INVERTER

- Inverter (variable speed compressor)
- Energy saving
- R-410A refrigerant
- Gold Fin™ anti-corrosion
- Self-cleaning indoor coil
- Cooling/heating/fan mode
- Chaos swing
- 4-Way auto swing
- Ultra quiet operation
- Sleep mode
- Dehumidifying mode
- Auto restart
- Built-in low ambient standard, down to 14°F (cooling mode)
- 24-Hour on/off timer
- Energy Star models



Quiet • Efficient • Comfortable • Affordable • Simple to Install

The LG Advantage

Easy Installation

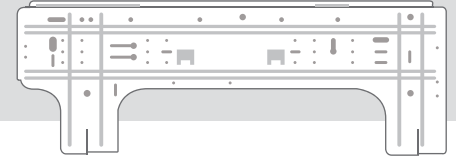


LG air conditioners are designed to be easier and more efficient to install.

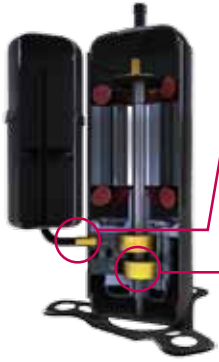


Installation Plate Improvement

LG's installation plate is wider and modified to reduce installation time.



High Efficiency Twin Rotary Compressor



Rotary Compressor

The number of suction ports have been reduced to one to increase the efficiency of refrigerant compression at low compressor low speeds.

Motor Efficiency

High efficiency digitally controlled motor.

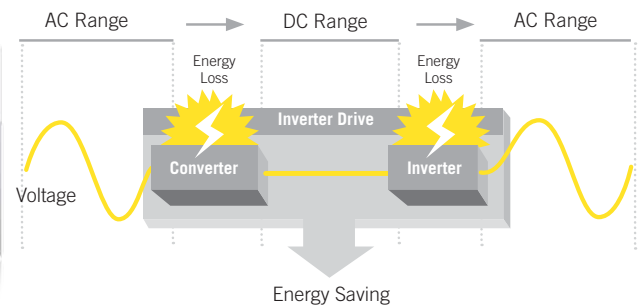
Improved Inverter Drive Efficiency

The advanced inverter drive minimizes energy loss and keeps the efficiency level high at 95%.



How It Works

While energy loss is incurred in the process of switching voltage between AC & DC, inverter drive keeps this loss minimal for improved energy efficiency.



System Specifications

System Model #	Indoor Model #	Outdoor Model #	Cool/Heat	BTU/h (cooling)	BTU/h (heating)	SEER	HSPF	Indoor DBA H/M/L	Indoor Unit WxHxD (Inches)	Outdoor DBA	Outdoor Unit WxHxD (Inches)
Single Mini-Split Inverter Heat Pump Heat Pumps											
LG121HSV	LGN121HSV	LGU121HSV	C/H	3,070~11,200~14,660	3,070~13,300~20,470	20	11	39 / 33 / 24	34 ¹³ / ₁₆ X 11 ¹ / ₄ X 8 ¹ / ₄	45	30 ⁵ / ₁₆ X 21 ⁷ / ₁₆ X 11 ⁵ / ₁₆
LG181HSV	LGN181HSV	LGU181HSV	C/H	3,070~18,200~29,515	3,070~22,000~38,898	20.5	9.7	45 / 40 / 35	40 ¹ / ₂ X 12 ³ / ₄ X 9 ⁷ / ₈	53	34 ¹ / ₄ X 25 ¹³ / ₁₆ X 12 ⁵ / ₈
LG241HSV	LGN241HSV	LGU241HSV	C/H	3,070~22,000~30,030	3,070~27,600~38,898	20	10	45 / 40 / 35	40 ¹ / ₂ X 12 ³ / ₄ X 9 ⁷ / ₈	53	34 ¹ / ₄ X 31 ¹ / ₂ X 12 ⁵ / ₈
Dual Zone Flex Multi-Split System Heat Pump Inverter											
	LGM1090HV		C/H	9,000			7.7	33/30/27	35 ¹ / ₄ x 11 ⁷ / ₃₂ x 8 ⁹ / ₃₂		
	LGM120HV			12,000			8.6	34/36/31	35 ¹ / ₄ x 11 ⁷ / ₃₂ x 8 ⁹ / ₃₂		
		LGM0240HV	C/H	24,000		19.1				50	40 ⁵ / ₃₂ X 34 ³ / ₁₆ X 17 ⁵ / ₁₆

Electrical Specifications

System Model #	Indoor Model #	Outdoor Model #	Line Set Suction Liquid	Max Length	Max Vertical	Outdoor Voltage	Rated AMPs	Min Cir. Ampacity	Max Over Current	Indoor
Single Mini-Split Inverter Heat Pump Heat Pumps										
LG121HSV	LGN121HSV	LGU121HSV	3/8 - 1/4	65	32	208/230	6.3/7.4	15	15	18-3 300V
LG181HSV	LGN181HSV	LGU181HSV	5/8 - 3/8	98	49	208/230	16/17.8	20	25	18-3 300V
LG241HSV	LGN241HSV	LGU241HSV	5/8 - 3/8	98	49	208/230	16/17.8	20	25	18-3 300V
Dual Zone Flex Multi-Split System Heat Pump Inverter										
		LGM0240HV				208/230	3.0~11.9~14.1	20	30	18-3 300V
	LGM120HV		3/8 - 1/4	75	49					
	LGM109HV		3/8 - 1/4	75	49					



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Specifications subject to change without notice

YOUR LOCAL DEALER,