

MODEL LINE-UP

LG ARTCOOL® MIRROR

Specification	Unit	LA090HSV5	LA120HSV5	LA180HSV5	LA181HSV5
Indoor Unit		LAN090HSV5	LAN120HSV5	LAN180HSV5	LAN181HSV5
Outdoor Unit		LSU090HSV5	LSU120HSV5	LSU180HSV5	LSU181HSV5
Rated Cooling Capacity	Btu/h	9,000	12,000	18,000	18,000
Cooling Capacity Range	Btu/h	1,023 - 12,625	1,023 - 13,785	3,070 - 29,515	3,070 - 29,515
Rated Heating Capacity	Btu/h	10,900	13,600	21,600	21,600
Heating Capacity Range	Btu/h	1,023 - 17,061	1,023 - 22,178	3,070 - 38,898	3,070 - 38,898
Max Heating Capacity at -8.3°C / COP	Btu/h	11,080 / 3.18	13,810 / 2.71	22,340 / 2.59	22,340 / 2.59
Max Heating Capacity at -15°C / COP ¹	Btu/h	9,570 / 2.8	11,930 / 2.38	19,300 / 2.28	19,300 / 2.28
Max Heating Capacity at -20°C / COP	Btu/h	8,310 / 2.62	10,360 / 2.23	16,760 / 2.13	16,760 / 2.13
SEER / EER		23.5 / 14.5	22.7 / 12.5	21.5 / 12.6	21.5 / 12.6
HSPF		11.3	11.4	10.2	10.2
SEER2 / EER2		23.2 / 14.5	22 / 12.5	22 / 12.55	22 / 12.55
HSPF2 (IV / V)		10.2 / 7.6	10 / 7.5	9.5 / 7.8	9.5 / 7.8
Power	V-Ø - Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Dimensions	IDU Dimensions (WxHxD)	32-15/16 x 12-1/8 x 7-9/16	32-15/16 x 12-1/8 x 7-9/16	39-9/32 x 13-19/32 x 8-11/32	39-9/32 x 13-19/32 x 8-11/32
	ODU Dimensions (WxHxD)	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 12-19/32	37-13/32 x 32-3/4 x 13
Weight	IDU Weight (Net/Shipping)	20.5 / 25.6	20.5 / 25.6	29.8 / 36.4	29.8 / 36.4
	ODU Weight (Net/Shipping)	74.1 / 78.9	74.1 / 78.9	116.8 / 126.5	127.9 / 145.5
Standard Warranty		5 Years Parts, 10 Years Compressor (Parts only, labour not included)			
Limited Registered Warranty ⁴		10 Years Parts, 10 Years Compressor (Parts only, labour not included)			

LG DUALCOOL®

DUALCOOL® Extended Piping models also available - Ask for details.

Specification	Unit	LS090HSV5	LS120HSV5	LS180HSV5	LS181HSV5
Indoor Unit		LSN090HSV5	LSN120HSV5	LSN180HSV5	LSN181HSV5
Outdoor Unit		LSU090HSV5	LSU120HSV5	LSU180HSV5	LSU181HSV5
Rated Cooling Capacity	Btu/h	9,000	12,000	18,000	18,000
Cooling Capacity Range	Btu/h	1,023 - 12,625	1,023 - 13,785	3,070 - 29,515	3,070 - 29,515
Rated Heating Capacity	Btu/h	10,900	13,600	21,600	21,600
Heating Capacity Range	Btu/h	1,023 - 17,061	1,023 - 22,178	3,070 - 38,898	3,070 - 38,898
Max Heating Capacity at -8.3°C / COP	Btu/h	11,080 / 3.46	13,810 / 2.93	22,340 / 2.81	22,340 / 2.81
Max Heating Capacity at -15°C / COP ¹	Btu/h	9,570 / 3.05	11,930 / 2.58	19,300 / 2.48	19,300 / 2.48
Max Heating Capacity at -20°C / COP	Btu/h	8,310 / 2.84	10,360 / 2.42	16,760 / 2.31	16,760 / 2.31
SEER / EER		23.5 / 14.5	22.7 / 12.5	21.5 / 12.6	21.5 / 12.6
HSPF		11.3	11.4	10.2	10.2
SEER2 / EER2		23.2 / 14.5	22 / 12.5	22 / 12.55	22 / 12.55
HSPF2 (IV / V)		10.2 / 7.6	10 / 7.5	9.5 / 7.8	9.5 / 7.8
Power	V-Ø - Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Dimensions	IDU Dimensions (WxHxD)	32-15/16 x 12-1/8 x 7-7/16	32-15/16 x 12-1/8 x 7-7/16	39-9/32 x 13-19/32 x 8-9/32	39-9/32 x 13-19/32 x 8-9/32
	ODU Dimensions (WxHxD)	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 12-19/32	37-13/32 x 32-3/7 x 13
Weight	IDU Weight (Net/Shipping)	18.3 / 23.4	18.3 / 23.4	25.6 / 32.2	25.6 / 32.2
	ODU Weight (Net/Shipping)	74.1 / 78.9	74.1 / 78.9	116.8 / 126.5	127.9 / 145.5
Standard Warranty		5 Years Parts, 10 Years Compressor (Parts only, labour not included)			
Limited Registered Warranty ⁴		10 Years Parts, 10 Years Compressor (Parts only, labour not included)			

LG CONSOLE

Specification	Unit	LQ090HV4	LQ120HV4
Indoor Unit		LQN090HV4	LQN120HV4
Outdoor Unit		LUU097HV	LUU127HV
Rated Cooling Capacity	Btu/h	9,000	10,200
Cooling Capacity Range	Btu/h	4,270 - 11,500	4,500 - 13,460
Rated Heating Capacity	Btu/h	10,100	13,000
Heating Capacity Range	Btu/h	4,600 - 13,000	5,970 - 15,000
Max Heating Capacity at -8.3°C / COP	Btu/h	10,640 / 1.99	12,080 / 2.09
Max Heating Capacity at -15°C / COP ¹	Btu/h	10,000 / 1.87	11,000 / 1.88
Max Heating Capacity at -20°C / COP	Btu/h	9,380 / 1.91	9,950 / 1.85
SEER		21 / 12.6	20.8 / 12.6
HSPF		10.4	10.2
SEER2		21 / 12.6	21 / 12.6
HSPF2 (IV / V)		10.4 / 8.7	10.2 / 8.8
Power	V, Ø, Hz	208/230-1-60	208/230-1-60
Dimensions	IDU Dimensions (WxHxD)	27-9/16 x 23-5/8 x 8-9/32	27-9/16 x 23-5/8 x 8-9/32
	ODU Dimensions (WxHxD)	30-5/16x21-15/32x11-11/32	30-5/16x21-15/32x11-11/32
Weight	IDU Weight (Net/Shipping)	35.9/42.5	35.9/42.5
	ODU Weight (Net/Shipping)	74.5/80	74.5/80
Standard Warranty		5 Years Parts, 10 Years Compressor (Parts only, labour not included)	
Limited Registered Warranty ⁴		10 Years Parts, 10 Years Compressor (Parts only, labour not included)	

MANY STYLES, MANY CHOICES

Don't compromise style for efficiency. The many styles and types of LG units offer effective heating and cooling in the right capacity for any space while also complementing your decor. Choose a single zone system for a problem zone in your home or a multi zone system for a whole-home solution.

- SINGLE ZONE
- MULTI ZONE

Exclusively LG: The ARTCOOL® Series

With standout style and performance, select LG ARTCOOL® Series models also include powerful LGRED®.



LGRED®
DUALCOOL® Prestige
● 9,000-24,000 Btu/h



ARTCOOL® Mirror
● 9,000 - 18,000 Btu/h
● 9,000 - 18,000 Btu/h

LG Wall-Mounted Units

Available in capacities from 9,000 to 36,000 Btu/h, LG's standard wall-mounted units are highly efficient while offering options like extended piping runs that increase flexibility for outdoor unit placement.



DUALCOOL®
● 9,000-18,000 Btu/h
● 7,000 - 24,000 Btu/h



DUALCOOL®
Extended Piping
● 24,000-36,000 Btu/h



Low Wall Console
● 9,000-12,000 Btu/h
● 9,000-15,000 Btu/h

LG Ceiling Mounted and Ducted Units

When a ceiling or ducted unit is preferred, LG ceiling-mounted 4-way cassettes offer incredible multidirectional air circulation. All LG ducted indoor units deliver exceptional LG performance while utilizing your existing ductwork.



Ceiling Cassette
● 9,000 - 48,000 Btu/h
● 7,000-18,000 Btu/h



High Static
● 24,000 - 48,000 Btu/h
● 24,000-36,000 Btu/h



Vertical AHU
● 18,000-48,000 Btu/h
● 18,000-36,000 Btu/h

LG Multi-Zone Systems

LG multi-zone systems offer a whole-home, all-season solution for up to eight rooms. Providing powerful heat even when temperatures dip to -25°C, LG multi-zone systems with LGRED® technology are a dependable choice.



Multi F
● 18,000-36,000 Btu/h



Multi F Max
● 48,000-60,000 Btu/h



LGRED®
Multi F
● 18,000-30,000 Btu/h



LGRED®
Multi F Max
● 36,000-48,000 Btu/h

Note:

- 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.
 - Rated cooling capacity obtained with air entering the indoor unit at 26.7°C dry bulb (DB) and 19.4°C wet bulb (WB) and outdoor ambient conditions of 35°C dry bulb (DB) and 23.8°C wet bulb (WB). For capacity information, see engineering manual capacity tables.
 - The Capacities at -15°C does not refer to H42 testing conditions.
 - For details please visit www.lg.ca
- Due to our commitment to continued innovation, some specifications may be changed without notification.
* Quebec customers are not required to register their products

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LG 2023 Canada Residential Single-Zone HVAC Solutions

ARTCOOL® & DUALCOOL®



INNOVATIVE COMFORT

Home Comfort Solutions by LG allow you to cool or heat your entire home or a single room without the need for invasive ductwork, which means no tearing down of walls or altering the appearance of your home. With LG, you can heat or cool any room to your favourite temperature!



How It Works

LG air conditioning systems for residential and light commercial applications consist of three basic components: an energy efficient inverter-driven outdoor unit, a stylish and quiet indoor unit that delivers conditioned air to the room, and compact conduit for refrigerant lines and wiring that connects the units. This design allows for energy conservation by targeting only those areas that need cooling or heating, a cost-effective feature when only certain portions of a building or home are being used.

The Advantages of Inverter Technology

Inverter variable speed outdoor units are measurably quieter and use less energy than conventional air conditioners, which continuously cycle on/off. Instead, an inverter compressor ramps up or down as needed to efficiently maintain comfort levels.



SEER: Your Guide to Cool Savings

An acronym for Seasonal Energy Efficiency Ratio, SEER is the industry-wide rating for energy consumption. The higher the number, the more efficiently a product will produce cool air, while conserving our natural resources. Your contractor will be happy to explain SEER numbers in greater detail, and help determine which LG duct-free split system is right for you.

HSPF: For Cost-Saving Coziness

Heating Seasonal Performance Factor, or HSPF, represents total heating output relative to electricity used. Like SEER, the higher the HSPF rating, the more efficiently a product will warm air. In climates where heating is necessary in winter months as well as cooling in the summer, ask your contractor to suggest the ideal LG duct-free split system.



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. Natural Resources Canada (NRCAN) administers and promotes use of the ENERGY STAR name and symbol in Canada under an agreement with the U.S. Environmental Protection Agency (EPA).

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CONNECT for more CONVENIENCE with LG ThinQ®

LG provides built-in Wi-Fi connectivity, which means you don't have to pay extra money for the dongle to get smart functionality. Control systems from anywhere using the LG ThinQ® app including voice-control through Amazon, Alexa, and Google Home.



Flexible Room-by-Room Control

With a controller for each indoor unit, LG systems offer precise temperature settings in each zone or room while maximizing energy savings by heating or cooling only the zones in use. Available in a full range of capacities and indoor unit styles, including several types of ducted units.



Energy EFFICIENT

LG's inverter technology intelligently senses the air conditioning demand and proportionally ramps the inverter compressor up or down, unlike traditional systems that have limited ability to calculate proportional energy use relative to the demand.



QUIET Operation

LG duct-free systems operate at low sound levels, thanks to LG's unique low-vibration compressor, skew fan and brushless direct current (BLDC) motor technology that eliminates unnecessary noise and allows for smooth operation. LG indoor units are among the quietest in the industry, operating at decibel levels similar to the sound of rustling leaves.



10 Year Warranty

Use LG ARTCOOL® and DUALCOOL® with peace of mind. To enjoy the benefit of 10-year* parts and compressor warranty, please register your product at <https://www.lg.ca>

*Visit www.lg.ca for details.



Stylish Design

LG ARTCOOL® and DUALCOOL® air conditioners are designed to be harmonized with the interior of your home with minimal and basic style. The mirror glass on the front of the product reflects the surrounding environment to emphasize the interior and the integrity, and it delivers timeless beauty through the solidity of the glass material.



The Smarter Life with **LG ThinQ®**



LG ThinQ® smart platform is a future ready app which allows much more than basic AC control.

Easily monitor and control your Air Conditioner at anytime and from anywhere with LG's exclusive home appliances control app on your smartphone.

VOICE CONTROL
LG DUALCOOL® ThinQ® models are compatible to your smartphones and AI speakers, such as Google Assistant or Amazon Alexa. From now on, you don't have to press a button, just say instead. LG will do the rest.

SMART CONVENIENCE
Switch on and adjust an LG AC even before entering home.

SMART SAVINGS & MONITORING
Remotely control and monitor an LG AC from anywhere, anytime.