



LG 2021 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.

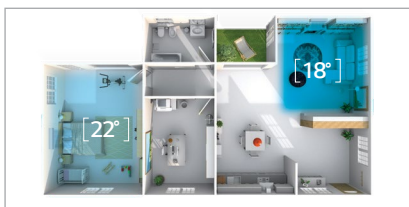


ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) created to promote energy-efficient products and practices. The ENERGY STAR® logo helps homeowners identify which products meet energy efficiency performance levels set by U.S. EPA and U.S. DOE.



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 rusting leaves.



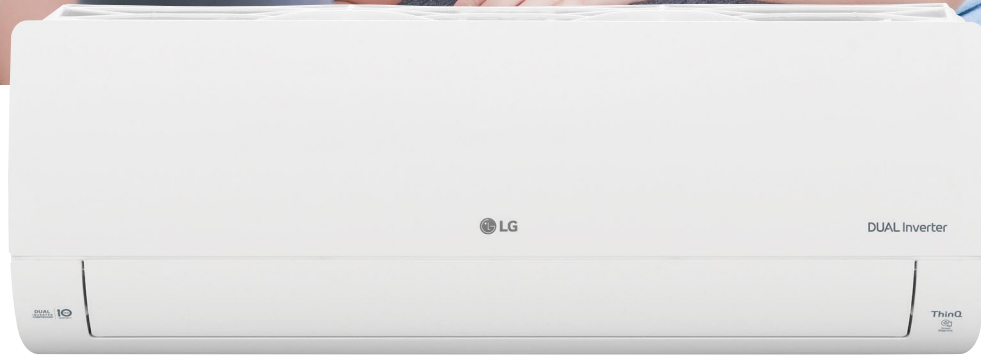
10 Year Warranty

Use LG Artcool and Dualcool with peace of mind. With the warranty, it will allow users to experience LG's air conditioners that cool faster, last longer and run quieter. To enjoy the benefit of 10 year parts and compressor warranty, please register your product at LG.ca



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.

VARIOUS ACCESS POINTS

Don't worry about the AC remote. LG Air Conditioners can be controlled by various ways and means.

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.

MODEL LINE-UP

LG ART COOL®

LG ThinQ works with Hey Google



Specification		Unit	LA090HSV5	LA120HSV5	LA180HSV5
Indoor Unit			LAN090HSV5	LAN120HSV5	LAN180HSV5
Outdoor Unit			LAU090HSV5	LAU120HSV5	LAU180HSV5
Capacity	Cooling	Btu/h	9,000	12,000	18,000
	Heating	Btu/h	10,900	13,600	21,600
Max Heating Capacity	-8.3 C°	Btu/h	11,080	13,810	22,340
	-15 C°	Btu/h	9,570	11,930	19,300
	-20 C°	Btu/h	8,310	10,360	16,760
S.E.E.R. / E.E.R.			23.5 / 14.52	22.7 / 12.5	21.5 / 12.58
H.S.P.F.			11	11	10
Power Input	Cooling	Watts	620	960	1,430
	Heating	Watts	710	1,040	1,730
Power Supply		V/Hz/Ø	208-230/60/1	208-230/60/1	208-230/60/1
Dimensions (WxHxD)		Body	inches 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
Weight	Net	lbs	20.5	20.5	29.8
	Shipping	lbs	25.6	25.6	36.4
Sound Pressure (H/M/L/SL)		dB(A)	39/33/23/19	39/33/23/19	45/40/35/29
Air Flow Rate(Max)		Outdoor	CFM 1,165	1,165	2,119
Standard Warranty			5 Years Parts, 7 Years Compressor		
Limited Registered Warranty			10 Years Parts, 10 Years Compressor		

DUALCOOL WITH DUAL Inverter

LG ThinQ



Specification		Unit	LS090HSV5	LS120HSV5	LS180HSV5	LS243HLV3	LS303HLV3	LS363HLV3
Indoor Unit			LSN090HSV5	LSN120HSV5	LSN180HSV5	LSN243HLV3	LSN303HLV3	LSN363HLV3
Outdoor Unit			LSU090HSV5	LSU120HSV5	LSU180HSV5	LSU243HLV3	LSU303HLV3	LSU363HLV3
Capacity	Cooling	Btu/h	9,000	12,000	18,000	22,000	30,000	33,000
	Heating	Btu/h	10,900	13,600	21,600	26,000	32,400	35,200
Max Heating Capacity	-8.3 C°	Btu/h	11,080	13,810	22,340	27,360	32,500	35,740
	-15 C°	Btu/h	9,570	11,930	19,300	23,700	28,080	30,890
	-20 C°	Btu/h	8,310	10,360	16,760	21,170	24,390	26,820
S.E.E.R. / E.E.R.			23.5 / 14.52	22.7 / 12.5	21.5 / 12.58	21.50 / 13.00	20.00 / 11.30	18.50 / 10.00
H.S.P.F.			11.3	11.4	10.2	12.0	11.5	11.0
Power Input	Cooling	Watts	620	960	1430	1692	2655	3300
	Heating	Watts	7,100	1,040	1,730	2,080	2,754	3,115
Power Supply		V/Hz/Ø	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Dimensions (WxHxD)		Body	inches 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	41-23/32 x 14-3/16 x 10-7/16	47-1/4 x 14-3/16 x 10-7/16	47-1/4 x 14-3/16 x 10-7/16
Weight	Net	lbs	18.3	18.3	25.6	36.6	40.8	40.8
	Shipping	lbs	23.4	23.4	32.2	44.5	48.9	48.9
Sound Pressure (H/M/L/SL)		dB(A)	39/33/23/19	39/33/23/19	45/40/35/29	49/44/40/30	51/47/43/33	51/47/43/33
Air Flow Rate(Max)		Outdoor	CFM 1,165	1,165	2,119	2,119	2,295	2,295
Piping	Liquid Pipe	in	1/4	1/4	3/8	3/8	3/8	3/8
	Vapor Pipe	in	3/8	3/8	5/8	5/8	5/8	5/8
	Pipe Length (Min/Max)	ft	9.8 / 82	9.8 / 82	9.8 / 114.8	9.84/164	9.84/164	9.84/164
	Max Pipe Elevation	ft	49.2	49.2	49.2	98.4	98.4	98.4
	Precharge Pipe Length	ft	41	41	24.6	24.6	24.6	24.6
	Additional Refrigerant	oz/ft	0.22	0.22	0.38	0.38	0.38	0.38
Standard Warranty			5 Years Parts, 7 Years Compressor					
Limited Registered Warranty			10 Years Parts, 10 Years Compressor					

LG CONSOLE

LG ThinQ works with Hey Google



Specification		Unit	LQ090HV4	LQ120HV4
Indoor Unit			LQN090HV4	LQN120HV4
Outdoor Unit			LUU097HV	LUU127HV
Capacity	Cooling	Btu/h	9,000	10,200
	Heating	Btu/h	10,100	13,000
Max Heating Capacity	-8.3 C°	Btu/h	10,640	12,080
	-15 C°	Btu/h	10,000	11,000
	-20 C°	Btu/h	9,380	9,950
S.E.E.R. / E.E.R.			21 / 12.6	20.8 / 12.6
H.S.P.F.			10.4	10.2
Power Input	Cooling	Watts	714	809
	Heating	Watts	850	1,225
Power Supply		V/Hz/Ø	208/230-1-60	208/230-1-60
Dimensions (WxHxD)		Body	inches 27-9/16 x 23-5/8 x 8-9/32	27-9/16 x 23-5/8 x 8-9/32
Weight	Net	lbs	35.9	35.9
	Shipping	lbs	42.5	42.5
Sound Pressure (H/M/L/SL)		dB(A)	38/32/27	38/32/27
Air Flow Rate(Max)		Outdoor	CFM 318	353
Standard Warranty			5 Years Parts, 7 Years Compressor	
Limited Registered Warranty			10 Years Parts, 10 Years Compressor	

For Limited Registered Warranty, the product needs to be registered within 60 days of startup at www.lg.ca

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®
Artcool™ 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.



Gloss White
● 9,000–18,000 Btu/h
● 7,000 - 24,000Btu/h



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 superior 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



Low Static
● 9,000–18,000 Btu/h
● 9,000–18,000 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
● 36,000–42,000 Btu/h

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