



LG Comfort Solutions

Comfort
Solutions You
Never Thought
Possible



LG COMFORT SYSTEMS BRING COMFORTING INNOVATION



HOW LG DUCTLESS SPLIT SYSTEMS WORK

LG Ductless Split air-conditioning and heating systems consist of three basic components:

An inverter (variable-speed) outdoor unit, a stylish and quiet indoor unit that delivers conditioned air to the room, and refrigerant lines and wiring connecting the units. This design allows for energy conservation by serving only those areas that need cooling or heating, a cost-effective feature when only certain portions of a building are being used.

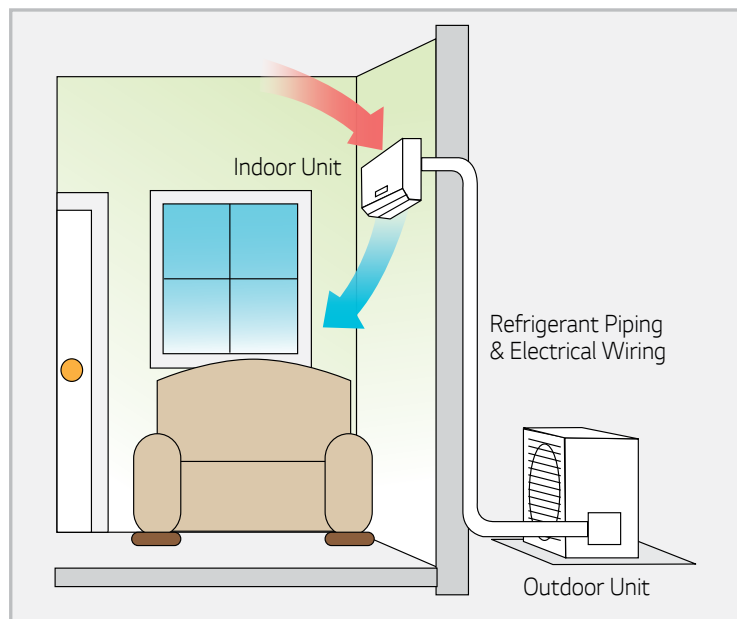


Diagram of a Single-Zone System

IDEAL IN THESE APPLICATIONS

- Older homes
- Sunrooms and additions
- New home construction
- Office buildings
- Restaurants
- Hospitals / Medical facilities
- Schools
- Hotels / Motels
- Houses of worship
- Retail establishments
- Nursing homes

BUILT FOR CANADIAN WINTERS, LG DELIVERS SUPREME INDOOR COMFORT

- Art Cool™ Prestige LA120HYV single zone system produces 70% of rated heating capacity (9,520 BTU) at -25°C.
- Gloss White LS180HSV4 single zone system produces 67% of rated heating capacity (14,740 BTU) at -20°C.
- Flex Multi MAX LMU540HV produces 30,700 BTU at -20°C with 54,000 BTU of non-ducted indoor units connected.

LG COMFORT SYSTEMS BRING COMFORTING INNOVATION



BENEFITS OF DUCTLESS SYSTEMS

- Reduced Energy Costs
- Incredibly Quiet
- Custom Temperature Control
- Beautiful Design
- Enhanced Air Circulation
- High Speed Cooling
- Dependable Heating
- Built to Last
- Convenient Controls



THE ADVANTAGES OF INVERTER TECHNOLOGY

Inverter variable-speed outdoor units are measurably quieter and use less energy than conventional systems. Unlike conventional systems that cycle on and off, an Inverter compressor ramps up or down to match the requirement and maintain your even comfort.

SEER AND HSPF: YOUR GUIDE TO COMFORTABLE SAVINGS

SEER (Seasonal Energy Efficiency Ratio) is the industry-wide rating measurement that conveys energy consumption information to consumers in air conditioning mode.

In heating mode, HSPF (Heating Seasonal Performance Factor) is a similar measurement. The higher the number, the more efficiently a system will maintain your comfort. Your contractor will be happy to explain SEER or HSPF in greater detail and which LG system is best for your unique requirements.

ART COOL™ PRESTIGE



LG SMART AC

Art Cool™ Prestige
9,000 & 12,000 BTU



Superior Air Flow

Larger diameter fan wheel & outlet design for 547 maximum cfm

Whisper-quiet Air Flow

17dB(A) Sleep Mode is quieter than a library

Supreme Heating Performance

LA120HYV:

14,650 BTU/h at -8°C / 17°F
13,720 BTU/h at -15°C / 5°F
9,520 BTU/h at -25°C / -13°F

Beautiful Art Cool Appearance

White pearlized finish and rounded surfaces enhance any room

Optional LG Smart AC Wi-Fi App

Remote system control from your Smart Phone (Also available for Gloss White Single Zone systems)

SINGLE ZONE SYSTEMS INDOOR UNIT STYLES



Horizontal Air Handler
24,000 & 36,000 BTU



Art Cool™ Mirror
9,000 - 24,000 BTU



Gloss White
9,000 - 18,000 BTU



Gloss White
24,000 BTU
(30 & 36,000 BTU
not Energy Star)



Remote Control Air Conditioning

From 'on & off' to 'set up my favourite' you can control your air conditioner by using your smart phone.

WLAN Module

FLEX MULTI & WHOLE-HOUSE SOLUTIONS



FLEX MULTI OFFERS 2 - 8 SEPARATE INDOOR COMFORT ZONES AND INCLUDES 22 DIFFERENT INDOOR UNITS IN 7 STYLES.



Vertical Air Handler
Whole-house solutions



Gloss White

Models Available

- 7,000 BTU
- 9,000 BTU
- 12,000 BTU
- 15,000 BTU
- 18,000 BTU
- 24,000 BTU



Art Cool™ Gallery



Art Cool™ Mirror



Ceiling Cassette



Low-Static Air Handler



Horizontal Air Handler

FLEX MULTI SYSTEMS OUTDOOR UNITS



MULTIPLE ROOMS ADD UP TO MULTIPLE BENEFITS

- With simplified installation, one outdoor unit can operate 2 - 8 indoor units
- LMU30CHV & LMU36CHV are compatible with 24,000 BTU central system
- LMU480HV & LMU540HV are compatible with all central system options
- Each indoor unit includes its own remote control
- Full range of capacities indoor & out
- Easy installation with wall-mounted indoor units
- All-season heat pump operation with high-performance heating capacity



2-Zone
Outdoor



LMU18CHV LMU24CHV
18,000 BTU 24,000 BTU



2~4 Zone
Outdoor



LMU30CHV LMU36CHV
30,000 BTU 36,000 BTU



2-8 Zone
Outdoor



*Energy Star only for LMU480HV



LMU480HV LMU540HV
48,000 BTU 54,000 BTU

Rated Capacity
BTU: Cool / Heat

SEER / HSPF

Indoor Unit Dimensions
W x H x D (Inches)

Outdoor Unit Dimensions
W x H x D (Inches)



Maximum BTU Heating
Output 8°C / -15°C / -20°C

SINGLE ZONE SYSTEMS

ART COOL™ PRESTIGE

LAU090HYV1 / LAN090HYV1	9,000 / 11,000	27.5 / 12	34 7/16 x 11 5/8 x 9 1/4	30 5/16 x 21 1/2 x 11 5/16	✓	11,990 at -8°C / 11,220 at -15°C 7,920 at -25°C
LAU120HYV / LAN120HYV	12,000 / 13,600	25.5 / 11.5	34 7/16 x 11 5/8 x 9 1/4	30 5/16 x 21 1/2 x 11 5/16	✓	14,650 at -8°C / 13,720 at -15°C 9,520 at -25°C

ART COOL™ MIRROR with UNIVERSAL OUTDOOR UNIT

LSU090HSV4 / LAN090HSV4	9,000 / 10,800	21.5 / 10.8	34 13/16 x 11 1/4 x 8 1/16	30 5/16 x 21 1/2 x 11 5/16	✓	8,856 / 7,452 / 7,236
LSU120HSV4 / LAN120HSV4	11,200 / 13,300	21.5 / 11	34 13/16 x 11 1/4 x 8 1/16	30 5/16 x 21 1/2 x 11 5/16	✓	10,906 / 9,177 / 8,911
LSU180HSV4 / LAN180HSV4	18,200 / 22,000	20.5 / 9.7	40 9/16 x 12 13/16 x 9 11/16	34 1/4 x 31 1/2 x 12 19/32	✓	18,040 / 15,180 / 14,740
LAU240HSV2 / LAN240HSV2	22,000 / 27,600	20 / 10	40 9/16 x 12 13/16 x 9 11/16	34 1/4 x 31 1/2 x 12 19/32		22,800 at 0°C / 16,380 at -15°C

GLOSS WHITE with UNIVERSAL OUTDOOR UNIT

LSU090HSV4 / LSN090HSV4	9,000 / 10,800	21.5 / 10.8	34 13/16 x 11 1/4 x 8 1/16	30 5/16 x 21 1/2 x 11 5/16	✓	8,856 / 7,452 / 7,236
LSU120HSV4 / LSN120HSV4	11,200 / 13,300	21.5 / 11	34 13/16 x 11 1/4 x 8 1/16	30 5/16 x 21 1/2 x 11 5/16	✓	10,906 / 9,177 / 8,911
LSU180HSV4 / LSN180HSV4	18,200 / 22,000	20.5 / 9.7	40 9/16 x 12 13/16 x 9 11/16	34 1/4 x 31 1/2 x 12 19/32	✓	18,040 / 15,180 / 14,740
LSU240HSV3 / LSN240HSV3	22,000 / 27,600	20 / 10.2	47 19/32 x 13 5/8 x 8 1/16	34 1/4 x 31 1/2 x 12 19/32	✓	22,498 / 19,097 / 18,424
LSU307HV3 / LSN307HV3	30,000 / 32,000	18 / 9.5	47 19/32 x 13 5/8 x 8 1/16	34 1/4 x 31 1/2 x 12 19/32		26,420 / 22,080 / 21,440
LSU360HV3 / LSN360HV3	33,000 / 35,200	16.1 / 9.9	47 19/32 x 13 5/8 x 8 1/16	34 1/4 x 31 1/2 x 12 19/32		28,864 / 24,288 / 23,584

HORIZONTAL AIR HANDLER

LUU247HV / LHN247HV	24,000 / 27,000	17 / 10	46 17/32 x 11 23/32 x 17 23/32	37 13/32 x 32 27/32 x 13	✓	19,400 at -20°C
LUU367HV / LHN367HV	24,000 / 27,000	17.6 / 9.2	48 7/16 x 14 31/32 x 23 7/32	37 13/32 x 54 11/32 x 13	✓	28,740 at -20°C

FLEX MULTI SYSTEMS (Energy Star, efficiency & maximum heating capacity all shown with non-ducted indoor units)

(Maximum heating capacity shown with non-ducted indoor unit capacities matching outdoor unit. Eg. LMU18CHV + 18,000 BTU indoor, LMU24CHV + 25,000 BTU indoor, etc.)

LMU18CHV (serves 2 indoor units)	17,000 / 22,000	22 / 9.7	-	34 1/4 x 25 25/32 x 12 19/32	✓	19,100 / 13,800 / 10,800
LMU24CHV (serves 2 - 3 indoor units)	20,000 / 24,000	21.7 / 10.6	-	34 1/4 x 25 25/32 x 12 19/32	✓	21,100 / 14,600 / 11,400
LMU30CHV (serves 2 - 4 indoor units)	30,000 / 32,000	22 / 9.7	-	37 13/32 x 32 27/32 x 13	✓	25,900 / 16,700 / 13,600
LMU36CHV (serves 2 - 4 indoor units)	32,000 / 36,000	21 / 10.6	-	37 13/32 x 32 27/32 x 13	✓	28,000 / 17,700 / 13,900
LMU48OHV (serves 2 - 8 indoor units)	48,800 / 54,000	19.5 / 10	-	37 13/32 x 54 11/32 x 13	✓	49,000 / 38,900 / 29,100
LMU54OHV (serves 2 - 8 indoor units)	52,500 / 58,000	18.5 / 8.7	-	37 13/32 x 54 11/32 x 13		51,800 / 41,100 / 30,700

GLOSS WHITE

LMN078HVT	7,000	-	35 1/4 x 11 3/8 x 8 9/32	-		
LSN090HSV4	9,000	-	35 1/4 x 11 3/8 x 8 9/32	-		
LSN120HSV4	12,000	-	35 1/4 x 11 3/8 x 8 9/32	-		
LMN158HVT	15,000	-	35 1/4 x 11 3/8 x 8 9/32	-		
LSN180HSV4	18,000	-	40 9/16 x 12 25/32 x 9 27/32	-		
LMN247HVT	24,000	-	40 9/16 x 12 25/32 x 9 27/32	-		

ART COOL GALLERY

LMAN097HVP	9,000		23 5/8 x 23 5/8 x 5 25/32			
LMAN127HVP	12,000		23 5/8 x 23 5/8 x 5 25/32			

ART COOL MIRROR

LAN090HSV4	9,000	-	35 1/4 x 11 3/8 x 8 1/16	-		
LAN120HSV4	12,000	-	35 1/4 x 11 3/8 x 8 1/16	-		
LAN180HSV4	18,000	-	40 9/16 x 12 25/32 x 9 27/32	-		

HIGH STATIC VERTICAL AIR HANDLER WITH AUXILIARY HEAT

LMVN240HV	24,000		18 x 48 21/32 x 21 1/4			
LMVN360HV	36,000		18 x 48 21/32 x 21 1/4			

Notes: For auxiliary heat, LMVN240HV & LMVN360HV require ANEH103B2 10kW heater & PREMTB10U wired 7-day programmable controller. LMVN240HV & LMVN360HV require a 16 x 20 x 1 air filter

HIGH STATIC HORIZONTAL AIR HANDLER

LMHN240HV			53 x 11 23/32 x 18 5/32			
LMHN360HV			53 x 11 23/32 x 18 5/32			

CEILING CASSETTE

LMCN077HV	7,000	-	22 7/16 x 8 7/16 x 22 7/16	-		
LMCN097HV	9,000	-	22 7/16 x 8 7/16 x 22 7/16	-		
LMCN125HV	12,000	-	22 7/16 x 8 7/16 x 22 7/16	-		
LMCN185HV	18,000	-	22 7/16 x 8 7/16 x 22 7/16	-		
PT-UQC Decorative Grille (required)			27 9/16 x 7/8 x 27 9/16			

LOW STATIC HORIZONTAL AIR HANDLER

LMDN096HV	9,000		27 9/16 x 7 15/32 x 27 9/16			
LMDN126HV	12,000		35 7/16 x 7 15/32 x 27 9/16			
LMDN186HV	18,000		35 7/16 x 7 15/32 x 27 9/16			



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Our site is an excellent resource and where you can find the LG Installers in your area.

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Design, features and specifications subject to change without notice.

