



**It's All
Possible.**



Residential & Light Commercial HVAC

2015 LG Canada Engineering and Specifications Guide

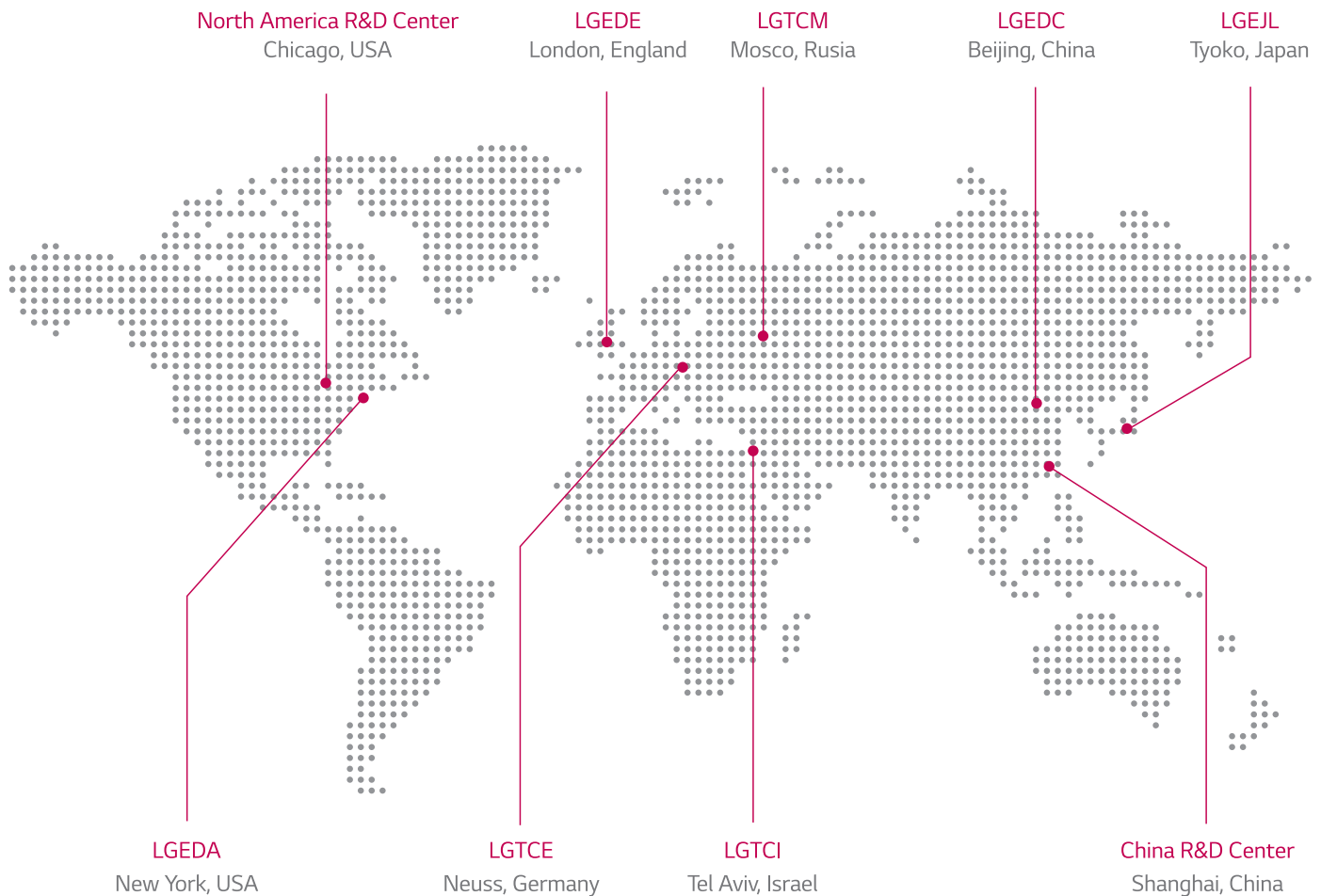


Research & Development

LG Research & Development Center

LG Electronics possess over 30 R&D centers around the globe in countries including Korea, United States, China, Russia, Germany, Israel, Japan, France, India, etc.

Each research center is focused on procuring technology unique to LG, as well as strengthening core competitiveness applicable in all areas of business and developing the engine for future growth.





LG AC Academy

Our Toronto LG AC Academy is an invaluable technical training and technical support resource. Please contact HVAC Technical Support at 866-543-8324 for course information.



Awards

LG air conditioners have been recognized in both outstanding performance and stylish design by diverse world renowned organizations in the form of having received many different prestigious awards.





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Accessories & Control Options

For central controllers, BAS, BACNet, etc. call LG Tech Support at (866) 543-8324.





◀ PREMTB10U Wired Programmable Controller

- Programmable Wired Controller Applicable to all current LG models
- Ships with 33' cable
- Features screw terminals for field-wiring option



◀ LG Smart AC Wi-Fi Module PCRCUDT3 for Android & iOS phones

- Compatible indoor models:
- Art Cool Prestige LAN090HYV & LAN120HYV
- Gloss White LSN090HSV4, LSN120HSV4, LSN180HSV4
(functions with single zone or Multi F outdoor units)
- Gloss White Multi F LMN078HVT
- Gloss White LSN091HSV3, LSN121HSV3, LSN181HSV3, LSN240HSV3
- Gloss White LSN307HV3, LSN360HV3
- App is free. Download at  or 



◀ PRARH0, PRARS0 & PRARS1 Auxiliary Heat Relays

- PRARH0: All ducted air handlers & all ceiling cassettes
- PRARS1: Multi F wall-mounted units (model numbers beginning "LM")
- PRARS0: Single-Zone wall-mounted units (model numbers beginning "LS")
(Auxiliary heat relays require a PREMTB10U wired controller to operate)



◀ PZCWRCG3 Group Control / Extension Wire

- For group control (requires PREMTB10U wired controller)
of up to 8 Multi F or 4 Single-Zone indoor units
- For use as a 33' extension cable when required





Accessories & Control Options

For central controllers, BAS, BACNet, etc. call LG Tech Support at (866) 543-8324.



◀ SIMS (Smartphone Inverter Monitoring System) Diagnostic Module PSWMOZ3

- Compatible with all inverter models past & present
- Operates with Android and iOS phones (not tablets)
- App is free. Download at  or 



◀ 3rd Party Thermostat Kit PDRYCB300

- Compatible with all current models
- Requires 24V AC transformer
- Plugs into indoor circuit board and includes 30" harness



◀ Base Pan Heaters PQSH1201 & PQSH1200

- PQSH1201 applies to LSU180HSV4
- PQSH1200 applies to LMU18CHV, LMU24CHV, LMU30CHV, LMU36CHV, LMU480HV & LMU540HV



ARTRACKPIC Display Stands



Display Stand
(model # ARTRACKPIC)

**Art Cool Mirror
Non-Functional
Display Unit**

(model # ASMW09GBRU2)

**Functional Display
System**

(model # LSU120HSV4
& LAN120HSV4)

**Art Cool Prestige
Non-Functional
Display Unit**

(model # ASMW123MMB9)

**Functional Display
System**

(model # LAU120HYV
& LAN120HYV)



**Display
Stand**

(model # ARTRACKPIC)

**Gloss White
Non-Functional
Display Unit**

(model # ASMW09GB1U2)

**Functional Display
System**

(model # LSU120HSV4
& LSN120HSV4)



**Display
Stand**

(model # ARTRACKPIC)

Disclaimer: Items represented in this catalogue may change without notice. LG is not responsible for information contained in this catalogue that may have changed. Please contact your LG Sales Representative for updated information.



Low Ambient Cooling

All LG systems listed in this catalogue can be easily configured for low ambient cooling. The low ambient kit will not enhance or detract from heating mode performance.

By utilizing the wind guards and control adapters shown below, preparation for low ambient operation is fast and easy. Most units can be set up in under thirty minutes.

Low ambient kit information is now on each model's specification page.

Please visit <http://LGcomfort.ca/en/technical-support-technical-support.aspx> for the low ambient kit installation manual.





The LG Advantage

Take advantage of our smart solutions for residential & commercial air conditioning applications.

LG HVAC systems offer a range of solutions that are cost efficient, quiet and attractive. They 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.

SPLIT SYSTEMS

These innovative systems are “split” into indoor and outdoor units. The interior units are available in several different configurations: Art Cool™, standard wall-mounted, and ceiling cassettes. All interior units have remote controls for easy use. Installation by a qualified HVAC contractor is safe and easy – no duct work or sheet metal is required. Multi zone systems are also available.

PTAC MODELS

LG’s new PTAC units are perfect for lodging and healthcare applications. These units have a low decibel level and outstanding sound prevention rating.

HIGH-STATIC AIR HANDLERS

Introduced in late 2013, LG now offers 2 & 3 ton vertical / horizontal high-static air handlers with auxiliary heaters for the Multi F and Multi F MAX product.

We additionally offer single zone and Multi F 2 & 3 ton high static horizontal-only air handlers.

Feature Advantages:

Look for these key features throughout the LG line.



INVERTER V

Inverter systems have variable-speed compressors rather than the fixed-speed compressors of traditional systems. Rather than running at full capacity then shutting down, an inverter system ramps the compressor speed up or down to match the requirement of the space. Inverter systems have quieter operation, provide greater comfort and use less energy than conventional on/off systems.



Self-Cleaning Indoor Coil

Drives dirt and moisture from coil surface leaving it clean.



Dehumidifying Mode

Running at the lowest airflow and air conditioning capacity, humidity is removed from the space while not over-cooling.



Chaos Wind

Electronically controlled fan speeds create a more natural, random flow of air, reducing temperature stratification.



Jet Cool

Operates at high speed for up to 30 minutes to quickly cool a room down to 64° F.



Swirl Wind

4-Way controlled louvers and fan speeds create a stronger, wider air flow and reduce temperature stratification.



Auto Operation

Provides three levels of comfort from which to choose. Temperature and fan speed will set automatically.



Manual Power Switch

Easily accessed button allows for continued operation if the remote control is misplaced.



Defrost Control

Shuts down the indoor fan to prevent cold air from being blown into the zone. Removes frost from outdoor coil when the outdoor temperature is low.



Sleep Mode

Automatically increases the temperature setting 2° F twice (after 1/2 hour and one hour). The interior unit shuts off when the timer setting is reached.



Auto Restart

Automatically restarts a unit to programmed setting when the electricity comes on after a power failure.



Gold Fin™

All outdoor unit coils have a corrosion resistant GoldFin™ coating standard from the factory. GoldFin™ will promote sustainable efficiency and coil life by helping to prevent corrosion caused by everyday pollutants.

NOTE: All features are not available on all models. See product spec sheet for details.



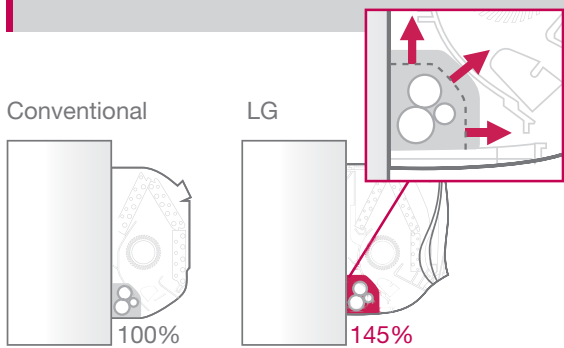
Easy Installation



All LG inverter indoor units feature a removable bottom panel and swing-out wall stand for easy installation. All refrigeration, condensate drain and electrical connections are in plain sight during installation.

Wider Tubing Space

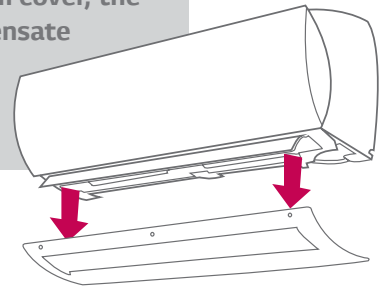
More room for piping and wiring makes for a cleaner, faster installation



- The tubing space is 45% wider than those of the previous air conditioners for easier installations

Detachable Bottom Cover

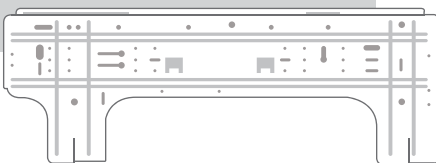
By removing the bottom cover, the refrigeration and condensate connections are all in plain sight for faster, easier installation.



- Disassembly or additional supporting of the unit is unnecessary due to the detachable chassis bottom and supporter
- With LG's patented supporter, installation can be completed by one individual.

Installation Plate Improvement

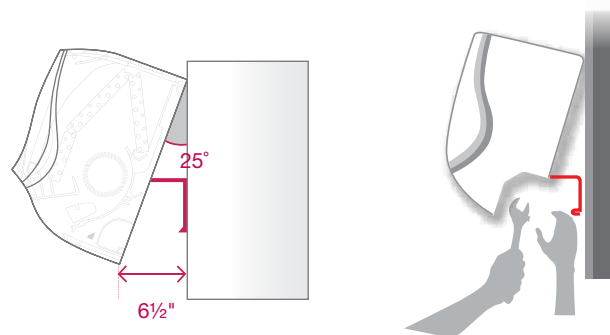
LG's installation plate is wider and modified to reduce installation time.



- The instruction tip engraved in the plate also assists easy installation by not having to go through the install manual


Pipe Clamp / Wall Stand

The pipe clamp swings out as a wall stand to make installation far easier.





Model Line-Up

		Art Cool™ Prestige	Art Cool™ Mirror	Gloss White	Gloss White
					
Single Zone	9,000	LAU090HYV1 / LAN090HYV1	LSU090HSV4* / LAN090HSV4	LSU090HSV4* / LSN090HSV4	
	12,000	LAU120HYV / LAN120HYV	LSU120HSV4* / LAN120HSV4	LSU120HSV4* / LSN120HSV4	
	18,000		LSU180HSV4* / LAN180HSV4	LSU180HSV4* / LSN180HSV4	
	24,000		LAU240HSV2 / LAN240HSV2		LSU240HLV / LSN240HLV Long Lineset
	30,000				LSU300HLV / LSN300HLV Long Lineset
	36,000				LSU360HLV / LSN360HLV Long Lineset
	42,000				

Multi F	7,000			LMN078HVT	
	9,000		LAN090HSV4**	LSN090HSV4***	
	12,000		LAN120HSV4**	LSN120HSV4***	
	15,000			LMN158HVT	
	18,000		LAN180HSV4**	LSN180HSV4***	
	24,000			LMN248HVT	
	36,000				
	42,000				

* LSU090HSV4, LSU120HSV4 & LSU180HSV4 are universal outdoor unit for their respective Gloss White and Art Cool Mirror indoor units.

** LAN090HSV4, LAN120HSV4 & LAN180HSV4 are universal indoor units for Single Zone & Multi F

*** LSN090HSV4, LSN120HSV4 & LSN180HSV4 are universal indoor units for Single Zone & Multi F



	Art Cool™ Gallery	High Static Horizontal Air Handler	High Static Vertical /Horizontal Air Handler	Low Static Horizontal Air Handler	Ceiling Cassette
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Single Zone	9,000				
	12,000				
	18,000				LUU187HV / LCN187HV
	24,000		LUU247HV / LHN247HV		LUU247HV / LCN247HV
	30,000				
	36,000		LUU367HV / LHN367HV		LUU367HV / LCN367HV
	42,000				LUU427HV / LCN427HV

Multi F	7,000				LMCN077HV
	9,000	LMAN097HVP		LMDN096HV	LMCN097HV
	12,000	LMAN127HVP		LMDN126HV	LMCN125HV
	15,000				
	18,000			LMDN186HV	LMCN185HV
	24,000		LMHN240HV	LMVN240HV	
	36,000		LMHN360HV	LMVN360HV	
	42,000				



Multi F Whole-House Solutions

Multi F multiple piping models (all linesets connect directly to the outdoor unit) can support two, three or four indoor units. Mix and match indoor unit styles as you need with the combinations shown on [Page 16](#).

Multi F “CHV” models detailed in this book are backwards compatible with all existing inverter Multi F product.

Features

- Published heating capacities down to -20°C on all models
- Continual operation below this temperature
- New 2 1/2 ton model for 2015
- Maximum flexibility - connect 135% of indoor units relative to outdoor unit capacity
- Self diagnosis
- Soft start
- Inverter (Variable speed compressor)
- Out-of-the-box low ambient cooling mode operation to -10°C
- Gold Fin™ anti-corrosion coil
- Outdoor unit includes sufficient refrigerant for charging 2, 3, or 4 indoor units using 25 feet of pipe to each (dependent upon model)

Benefits

- Long refrigerant piping lengths allow for extra design flexibility in indoor unit placement
- Indoor unit and outdoor unit dimensions ensure space saving convenience
- All-season use—heat pump models have both cooling and heating capabilities



LMU18CHV
2-Zone Multi F Heat Pump Inverter System
Mix and match for 9,000-24,000 BTU/h.

LMU24CHV
2-3 Zone Multi F Heat Pump Inverter System
Mix and match for 12,000-33,000 BTU/h.

LMU30CHV & LMU36CHV
2-4 Zone Quad-Zone Multi F Heat Pump Inverter System
Mix and match for 18,000-48,000 BTU/h.



Multi F MAX Outdoor Unit

Multi F MAX distributor box models (all linesets connect to distributor boxes containing electronic expansion valves) can support up to eight indoor units. Mix and match indoor unit styles as you need with the combinations shown on page 16.

LMU540HV & LMU480HV are backwards compatible with all existing inverter Multi F product.

Features

- Published heating capacities down to -20°C on both models
- Continual operation below this temperature
- New 4 ton model for 2015
- Maximum flexibility - connect 135% of indoor units relative to outdoor unit capacity
- Self diagnosis
- Soft start
- Inverter (Variable speed compressor)
- Out-of-the-box low ambient cooling mode operation to -10°C
- Gold Fin™ anti-corrosion coil

Benefits

- Long refrigerant piping lengths - up to 475 total feet - allow for extra design flexibility in indoor unit placement
- Indoor unit and outdoor unit dimensions ensure space saving convenience
- All-season use—heat pump models have both cooling and heating capabilities



LMU480HV & LMU540HV
2-8 Zone Multi F MAX Heat Pump Inverter System
Mix and match for 24,000-73,000 Btu/h.



Multi F Outdoor Unit Combination Chart



		Outdoor Units						
		LMU18CHV	LMU24CHV	LMU30CHV	LMU36CHV	LMU480HV	LMU540HV	
		Maximum number of connectible indoor units / Maximum combined BTU capacity of indoor units						
Model	BTU/h Class	2 / 24,000	3 / 33,000	4 / 40,000	4 / 48,000	8 / 65,000	8 / 73,000	
Gloss White	LMN078HVT	7,000	✓	✓	✓	✓	✓	✓
	LSN090HSV4	9,000	✓	✓	✓	✓	✓	✓
	LSN120HSV4	12,000	✓	✓	✓	✓	✓	✓
	LMN158HVT	15,000	✓	✓	✓	✓	✓	✓
	LSN180HSV4	18,000	✗	✓	✓	✓	✓	✓
	LMN248HVT	24,000	✗	✓	✓	✓	✓	✓
Art Cool™ Mirror	LAN090HSV4	9,000	✓	✓	✓	✓	✓	✓
	LAN120HSV4	12,000	✓	✓	✓	✓	✓	✓
	LAN180HSV4	18,000	✗	✓	✓	✓	✓	✓
Art Cool™ Gallery	LMAN097HVP	9,000	✓	✓	✓	✓	✓	✓
	LMAN127HVP	12,000	✓	✓	✓	✓	✓	✓
Ceiling Cassette	LMCN077HV	7,000	✓	✓	✓	✓	✓	✓
	LMCN097HV	9,000	✓	✓	✓	✓	✓	✓
	LMCN125HV	12,000	✓	✓	✓	✓	✓	✓
	LMCN185HV	18,000	✗	✓	✓	✓	✓	✓
Low-Static Air Handler	LMDN096HV	9,000	✓	✓	✓	✓	✓	✓
	LMDN126HV	12,000	✓	✓	✓	✓	✓	✓
	LMDN186HV	18,000	✗	✓	✓	✓	✓	✓
Horizontal Air Handler	LMHN240HV	24,000	✗	✗	✓	✓	✓	✓
	LMHN360HV	36,000	✗	✗	✗	✗	✓	✓
Vertical Air Handler	LMVN240HV	24,000	✗	✗	✓	✓	✓	✓
	LMVN360HV	36,000	✗	✗	✗	✗	✓	✓
Distributor Box	PMBD3620	up to 24,000	✗	✗	✗	✗	✓	✓
	PMBD3630	up to 24,000	✗	✗	✗	✗	✓	✓
	PMBD3640	up to 24,000	✗	✗	✗	✗	✓	✓
	PMBD3641	up to 36,000	✗	✗	✗	✗	✓	✓



Multi F Outdoor

INVERTER V 18,000 - 24,000 BTU



Multi F
operation
-20°C

Outdoor Model Number	LMU18CHV 18,000 BTU Class 2 Indoor Units	LMU24CHV 24,000 BTU Class 2 - 3 Indoor Units
Energy Star	Non-ducted indoor	Non-ducted indoor Mixed ducted & non-ducted indoor
Connectable Indoor Units	2	2 - 3
Maximum Sum Of Indoor Units	24,000	33,000
Capacities And Efficiencies Shown By Maximum Connectable Indoor Units		
Cooling Capacity, Non-Ducted Indoor ¹ (BTU/hr)	10,200 - 17,000 ~ 19,000	12,000 - 20,000 ~ 25,000
Heating Capacity, Non-Ducted Indoor ¹ (BTU/hr)	13,200 - 22,000 ~ 24,000	14,400 - 24,000 ~ 28,800
E.E.R. ¹	13	13.5
S.E.E.R. ¹	22	21.7
C.O.P. ¹	3.2	3.9
H.S.P.F (Region IV / V)	9.7 / 8.43	10.6 / 9.22
Power Supply (Ø / V / Hz)	1 / 208 - 230 / 60	1 / 208 - 230 / 60
MCA / MOP	13.3 / 20	14.3 / 20
Connecting Wire Outdoor To Indoor ² :	4 x minimum 16# (ground included) stranded, rated at 300V minimum	4 x minimum 16# (ground included) stranded, rated at 300V minimum
Dimension W x H x D (Inch)	34 1/4 x 25 25/32 x 12 19/32	34 1/4 x 25 25/32 x 12 19/32
Net Weight (Lbs)	99.2	99.2
Operation Range	Cooling (DB) -20 ~ 48°C (-4 ~ 118°F) Heating (WB) -20 ~ 18°C (-4 ~ 64°F)	-20 ~ 48°C (-4 ~ 118°F) -20 ~ 18°C (-4 ~ 64°F)
Sound Pressure (dBA) Cooling / Heating	49 / 52	49 / 52
Minimum - Maximum Lineset Length (Ft)	10 ~ 82	10 ~ 82
Maximum Total Lineset Combined Length (Ft)	164	246
Maximum Lineset Elevation Outdoor - Indoor (Ft)	50	50
Maximum Vertical Separation Indoor - Indoor (Ft)	25	25
Liquid Line Connection and Quantity (Inch)	1/4 x 2	1/4 x 3
Gas Line Connection and Quantity (Inch)	3/8 x 2	3/8 x 3
Refrigerant	R410A	R410A
Factory Charge for Combined Lineset Length (Ft)	50 feet	75 feet
Factory Charge (Oz)	63.5	63.5
Charge Adjustment Over Precharge Length (Oz / Ft)	.22	.22
Compressor Number and Type	1 Twin Rotary Inverter	1 Twin Rotary Inverter

Warranty: 5 years parts, 7 years compressor

Optional Accessories:

- PQSH1 200 Base Pan Heater
- Contact LG Technical Support regarding Dry Contact options for external control at 866-543-8324

Kit For Low Ambient Cooling Operation		
Front Wind Guard	PAG-HS0	PAG-HS0
Rear / Side Wind Guard	PAG-HS1	PAG-HS1
Control Adapter	PQCA0	PQCA0

Note: LMU18CHV, LMU24CHV, LMU30CHV & LMU36CHV are never matched with a distributor box. LMU480HV & LMU540HV always require at least one distributor box.

¹Non-ducted ratings and capacities are shown with maximum indoor units connected. For Ducted or Mixed Ducted and Non-Ducted combinations, refer to Engineering Manuals containing capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

Rated capacities are based on the following conditions:

- Cooling: - Indoor Temperature 26.7°C (80°F) DB / 19.4°C (67°F) WB
- Outdoor Temperature 35°C (95°F) DB / 23.9°C (75°F) WB
- Heating: - Indoor Temperature 21.1°C (70°F) DB / 15.6°C (60°F) WB

²All electrical wiring must comply with applicable local, provincial and national codes.



Multi F Outdoor

INVERTER V 30,000 - 36,000 BTU



Multi F
operation
-20°C

Outdoor Model Number	LMU30CHV 30,000 BTU Class 2 - 4 Indoor Units	LMU36CHV 36,000 BTU Class 2 - 4 Indoor Units
Energy Star	Non-ducted indoor Mixed ducted & non-ducted indoor	Non-ducted indoor Mixed ducted & non-ducted indoor
Maximum Sum Of Indoor Units	40,000	48,000
Capacities And Efficiencies Shown By Maximum Connectable Indoor Units		
Cooling Capacity, Non-Ducted Indoor ¹ (BTU/hr)	18,000 ~ 30,000 ~ 36,000	19,200 ~ 32,000 ~ 38,400
Heating Capacity, Non-Ducted Indoor ¹ (BTU/hr)	19,200 ~ 32,000 ~ 38,400	21,600 ~ 36,000 ~ 41,600
E.E.R. ¹	13	12.4
S.E.E.R. ¹	22	21
C.O.P. ¹	3.6	3.9
H.S.P.F. (Region IV / V)	9.7 / 8.43	10.6 / 9.22
Power Supply (Ø / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60
MCA / MOP	16.6 / 25	17.9 / 25
Connecting Wire Outdoor To Indoor ² :	4 x minimum 16# (ground included) stranded, rated at 300V minimum	4 x minimum 16# (ground included) stranded, rated at 300V minimum
Dimension W x H x D (Inch)	37-13/32 x 32-27/32 x 13	37-13/32 x 32-27/32 x 13
Net Weight (Lbs)	99.2	99.2
Operation Range	Cooling (DB) -20 ~ 48°C (-4 ~ 118°F) Heating (WB) -20 ~ 18°C (-4 ~ 64°F)	-20 ~ 48°C (-4 ~ 118°F) -20 ~ 18°C (-4 ~ 64°F)
Sound Pressure (dBA) Cooling / Heating	52 / 55	52 / 55
Minimum ~ Maximum Lineset Length (Ft)	10 ~ 82	10 ~ 82
Maximum Total Lineset Combined Length (Ft)	164	246
Maximum Lineset Elevation Outdoor - Indoor (Ft)	50	50
Maximum Vertical Separation Indoor - Indoor (Ft)	25	25
Liquid Line Connection and Quantity (Inch)	1/4 x 4	1/4 x 4
Gas Line Connection and Quantity (Inch)	3/8 x 4	3/8 x 4
Refrigerant	R410A	R410A
Factory Charge for Combined Lineset Length (Ft)	50 feet	75 feet
Factory Charge (Oz)	98.8	98.8
Charge Adjustment Over Precharge Length (Oz / Ft)	.22	.22
Compressor Number and Type	1 Twin Rotary Inverter	1 Twin Rotary Inverter

Warranty: 5 years parts, 7 years compressor

Optional Accessories:

- PQSH1200 Base Pan Heater
- Contact LG Technical Support regarding Dry Contact options for external control at 866-543-8324

Kit For Low Ambient Cooling Operation		
Front Wind Guard	PAG-HS6	PAG-HS6
Rear / Side Wind Guard	pending	pending
Control Adapter	PQCA0	PQCA0

Note: LMU18CHV, LMU24CHV, LMU30CHV & LMU36CHV are never matched with a distributor box. LMU480HV & LMU540HV always require at least one distributor box.

¹Non-ducted ratings and capacities are shown with maximum indoor units connected. For Ducted or Mixed Ducted and Non-Ducted combinations, refer to Engineering Manuals containing capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

Rated capacities are based on the following conditions:

Cooling: - Indoor Temperature 26.7°C (80°F) DB / 19.4°C (67°F) WB

- Outdoor Temperature 35°C (95°F) DB / 23.9°C (75°F) WB

Heating: - Indoor Temperature 21.1°C (70°F) DB / 15.6°C (60°F) WB

²All electrical wiring must comply with applicable local, provincial and national codes.



Multi F MAX Outdoor

INVERTER V

48,000 - 54,000 BTU

Accessory Distributor Box(es) Required



Outdoor Model Number	LMU480HV 48,000 BTU Class 2 - 8 Indoor Units	LMU540HV 54,000 BTU Class 2 - 8 Indoor Units
Energy Star (non-ducted indoor units)		

LG Technical Support will calculate LMU480HV & LMU540HV refrigerant charge for contractors
Call 866-543-8324 for Heating & Air Conditioning Technical Support

Capacity (BTU/hr)	Rated	48,000	54,000
Capacity ¹ (BTU/hr)	Cooling (Min - Rated - Max)	14,400-48,000-58,000	14,000 - 52,500 - 63,200
	Heating (Min - Rated - Max)	17,280 - 54,000 - 61,000	15,467 - 58,000 - 64,000
Connectable Indoor Units		2 - 8	2 - 8
Minimum - Maximum Sum Of Indoor Units ³		24,000 - 65,000	24,000 - 73,000
EER (Indoor Non-Ducted)		12.5	10.3
SEER (Indoor Non-Ducted / Ducted / Mixed)		19.5 / 17.5 / 18.5	18.5 / 15.8 / 17.1
COP (Indoor Non-Ducted)		3.7	3.1
HSPF Region IV (Indoor Non-Ducted / Ducted / Mixed)		10 / 9.7 / 9.9	8.7 / 8.3 / 8.3
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
Distributor Box(es) Required		Yes	Yes
Distributor Box Model Numbers	2 Port	PMBD3620	PMBD3620
	3 Port	PMBD3630	PMBD3630
	4 Port	PMBD3640	PMBD3640
	4 Port Required for 3 Ton Air Handler	PMBD3641	PMBD3641
Accessory Branch Tee When Using Two Distributor Boxes		PMBL5620	PMBL5620
Connecting Wire Outdoor Unit To Distributor Box ² :		4 x minimum 16# (ground included) stranded, rated at 300V minimum	4 x minimum 16# (ground included) stranded, rated at 300V minimum
Connecting Wire Distributor Box To Indoor Unit ² :		4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum
Operation Range	Cooling (DB)	-20 ~ 48°C (-4 ~ 118°F)	-20 ~ 48°C (-4 ~ 118°F)
	Heating (WB)	-20 ~ 18°C (-4 ~ 64°F)	-20 ~ 18°C (-4 ~ 64°F)
Maximum Total Combined Piping (Ft)		475	475
Minimum / Maximum Lineset Length Outdoor Unit - Distributor Box(es) (Ft)		10 - 180	10 - 180
Minimum / Maximum Lineset Length Distributor Box - Indoor Unit (Ft)		10 - 50	10 - 50
Maximum Lineset Elevation Distributor Box - Indoor Unit (Ft)		50	50
Maximum Lineset Elevation Any Indoor Unit - Any Indoor Unit (Ft)		50	50
Maximum Lineset Vertical Separation Indoor - Indoor On Same Box (Ft)		33	33
Maximum Lineset Vertical Separation Outdoor - Any Indoor (Ft)		100	100
Liquid Line Connection (Inch)		3/8	3/8
Gas Line Connection (Inch)		3/4	3/4
Refrigerant		R410A	R410A
Factory Charge (Lbs)		9.7	9.7
Factory Charge for Lineset Length(Ft)	Outdoor - Distributor Box	16	16
	Distributor Box - Indoor	130	130
Charge Adjustment Over Precharge Length		Call 866-543-8324	Call 866-543-8324
Compressor Type		1 Twin Rotary Inverter	1 Twin Rotary Inverter
Dimension W x H x D (inch)		37 13/32 x 54 11/32 x 13	37 13/32 x 54 11/32 x 13
Net Weight (Lbs)		213.8	213.8
Sound Pressure (dBA)	Cooling	54	54
	Heating	56	56

Warranty: 5 years parts, 7 years compressor

Optional Accessories:

- PMBL5620 branch tee required when using two distributor boxes
- PQSH1200 Base Pan Heater
- Contact LG Technical Support regarding Dry Contact options for external control at 866-543-8324

Kit For Low Ambient Cooling Operation	
Front Wind Guard	PAG-HS5
Rear / Side Wind Guard	PAG-HS4
Control Adapter	PQCA0

Note: LMU18CHV, LMU24CHV, LMU30CHV & LMU36CHV are never matched with a distributor box. LMU480HV & LMU540HV always require at least one distributor box.

¹Non-ducted ratings and capacities are shown.

For Ducted or Mixed Ducted and Non-Ducted combinations, refer to page 31 Engineering Manuals available at <http://LGcomfort.ca/en/engineering-resources.aspx>

²All electrical wiring must comply with applicable local, provincial and national codes.

³High-static air handlers must be calculated at 1.3 times their rating when calculating indoor unit capacity.

Contact LG Technical Support for assistance in calculating indoor capacities with air handlers and LMU540HV systems at 866-543-8324



Multi F Vertical Air Handler LMVN

INVERTER V

24,000 & 36,000 BTU

Vertical / Horizontal Left Convertibility & Auxiliary Heat



Indoor Model Number		LMVN240HV	LMVN360HV
Capacity ¹ (BTU/hr)		24,000	36,000
Compatible Outdoor Units (No Exceptions)		LMU30CHV, LMU36CHV, LMU369HV, LMU480HV, LMU540HV	LMU480HV, LMU540HV
Distributor Box Compatibility	PMBD3620	Yes	No
	PMBD3630	Yes	No
	PMBD3640	Yes	No
	PMBD3641	No	Yes
Controller Included ³		Yes, Non-Programmable	Yes, Non-Programmable
WLAN Smart Phone Control		No	No
Air Filter Included ⁴		No	No
Dimension W x H x D (Inch)		18 x 48 21/32 x 21 1/4	18 x 48 21/32 x 21 1/4
Supply Air Opening W x D (Inch)		17 x 12 1/4	17 x 12 1/4
Return Air Opening W x D (Inch)		14 3/8 x 18 1/2	14 3/8 x 18 1/2
Auxiliary Heater Compatibility	ANEH053B1 5kW	Yes	Yes
	ANEH103B2 10kW	Yes	Yes
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
Connecting Wire Outdoor To Indoor ² : (LMU30CHV, LMU36CHV, LMU369HV)		4 x minimum 16# (ground included) stranded, rated at 300V minimum	N/A
Connecting Wire Distributor Box To Indoor ² : (LMU480HV, LMU540HV + PMBD36xx)		4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum
Air Flow Rate cfm at 0.5" ESP Hi - Med - Low		710 - 640 - 480	990 - 880 - 800
Condensate Drain Connection (Inch)		3/4 NPT	3/4 NPT
Liquid Line Connection (Inch)		1/4	3/8
Gas Line Connection (Inch)		1/2	5/8
Net Weight (Lbs)		117	121
Sound Pressure (dBA) Hi - Med - Low		43 - 42 - 41	45 - 44 - 43

Warranty: 5 years parts

16x20x1 air filter not included, required separately

Required Accessories For Auxiliary Heat (not included):

- PREMTB10U wired controller
- ANEH053B1 5kW electric auxiliary heater or ANEH103B2 10kW electric auxiliary heater

¹Engineering Manuals are available at <http://LGcomfort.ca/en/engineering-resources.aspx>

²All electrical wiring must comply with applicable local, provincial and national codes.

High-static air handlers must be calculated at 1.3 times their rating when calculating indoor unit capacity.

Eg. LMVN240HV calculated as 24,000 x 1.3 = 31,200 BTU indoor unit capacity.

LMVN360HV calculated as 36,000 x 1.3 = 48,000 BTU indoor unit capacity.

Contact LG Technical Support for assistance in calculating indoor capacities with air handler systems at 866-543-8324



Multi F Horizontal Air Handler LMHN

INVERTER *V*

24,000 & 36,000 BTU



Indoor Model		LMHN240HV	LMHN360HV
Capacity ¹ (BTU/hr)		24,000	36,000
Compatible Outdoor Units (No Exceptions)		LMU30CHV, LMU36CHV, LMU369HV, LMU480HV, LMU540HV	LMU480HV, LMU540HV
Distributor Box Compatibility	PMBD3620	Yes	No
	PMBD3630	Yes	No
	PMBD3640	Yes	No
	PMBD3641	No	Yes
Controller Included ²		Yes, Non-Programmable	Yes, Non-Programmable
Controller Operating Range	Cooling	18 ~ 30°C (64 ~ 86°F)	18 ~ 30°C (64 ~ 86°F)
	Heating	16 ~ 30°C (61 ~ 86°F)	16 ~ 30°C (61 ~ 86°F)
WLAN Smart Phone Control		No	No
Air Filter Type Included		Washable	Washable
Dimension W x H x D (Inch)		53 x 11 23/32 x 18 5/32	53 x 11 23/32 x 18 5/32
Supply Air Opening W x D (Inch)		33 x 7 1/2	33 x 7 1/2
Return Air Opening W x D (Inch)		42 1/4 x 8 1/2	42 1/4 x 8 1/2
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
Connecting Wire Outdoor To Indoor ² : (LMU30CHV, LMU36CHV, LMU369HV)		4 x minimum 16# (ground included) stranded, rated at 300V minimum	N/A
Connecting Wire Distributor Box To Indoor ² : (LMU480HV, LMU540HV + PMBD36xx)		4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum
Air Flow Rate (cfm at 0.5" ESP) Hi ~ Med ~ Low		688 ~ 618 ~ 530	1130 ~ 953 ~ 706
Condensate Connection OD (Inch)		1 1/4	1 1/4
Liquid Line Connection (Inch)		1/4	3/8
Gas Line Connection (Inch)		1/2	5/8
Net Weight (Lbs)		79.4	90.4
Sound Pressure (dBA) Hi ~ Med ~ Low		37 ~ 36 ~ 35	44 ~ 42 ~ 40

Warranty: 5 years parts

Optional Accessories:

- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PDRYCB300 Third Party Thermostat Adapter Kit
- PRARH0 Auxiliary Heat Relay (requires PREMTB10U wired controller)

¹Engineering Manuals are available at <http://LGcomfort.ca/en/engineering-resources.aspx>

²All electrical wiring must comply with applicable local, provincial and national codes.

³Non-programmable thermostat included. For auxiliary heat applications, PREMTB10U programmable controller & auxiliary heat relay PRARH0 required

High-static air handlers must be calculated at 1.3 times their rating when calculating indoor unit capacity.

Eg. LMHN240HV calculated as 24,000 x 1.3 = 31,200 BTU indoor unit capacity.

LMHN360HV calculated as 36,000 x 1.3 = 48,000 BTU indoor unit capacity.

Contact LG Technical Support for assistance in calculating indoor capacities with air handler systems at 866-543-8324



Multi F Gloss White LSN Universal Indoor / LMN



INVERTER V

7,000 - 12,000 BTU (LSN090HSV4 & LSN120HSV4 Universal Indoor Units)

System		LMN078HVT	LSN090HSV4	LSN120HSV4
Capacity ¹ (BTU/hr)		7,000 BTU Class	9,000 BTU Class	12,000 BTU Class
Controller		Wireless LCD Remote	Wireless LCD Remote	Wireless LCD Remote
Controller operating range	Cooling	18 ~ 30°C (64 ~ 86°F)	18 ~ 30°C (64 ~ 86°F)	18 ~ 30°C (64 ~ 86°F)
	Heating	16 ~ 30°C (61 ~ 86°F)	16 ~ 30°C (61 ~ 86°F)	16 ~ 30°C (61 ~ 86°F)
WLAN Smart Phone Control (PCRCUDT3 required separately) (WLAN not available for LMN077HVT model, only LMN078HVT)		Yes	Yes	Yes
Dimension W x H x D (Inch)		35 1/4 x 11 3/8 x 8 9/32	35 1/4 x 11 3/8 x 8 9/32	35 1/4 x 11 3/8 x 8 9/32
Net Weight (Lbs)		22.1	22.1	32
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
Running Current		.2A	.2A	.3A
Connecting Wire Outdoor To Indoor ² : (LMU18CHV, LMU24CHV, LMU30CHV, LMU36CHV, LMU187HV, LMU247HV, LMU369HV)		4 x minimum 16# (ground included) stranded, rated at 300V minimum	4 x minimum 16# (ground included) stranded, rated at 300V minimum	4 x minimum 16# (ground included) stranded, rated at 300V minimum
Connecting Wire Distributor Box To Indoor ² : (LMU480HV & LMU540HV + PMBD36xx)		4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum
Air Flow Rate (cfm) Max ~ Hi ~ Med ~ Low		n/a ~ 198 ~ 177 ~ 162	423 ~ 353 ~ 272 ~ 191	423 ~ 353 ~ 272 ~ 191
Sound Pressure (dBA) Hi ~ Med ~ Low ~ Sleep		n/a ~ 33 ~ 30 ~ 26	38 ~ 33 ~ 23 ~ 19	38 ~ 33 ~ 23 ~ 19
Condensate Switch Connection		Yes	Yes	Yes
Condensate hose connection OD (Inch)		5/8	5/8	5/8
Liquid Line Connection (Inch)		1/4	1/4	1/4
Gas Line Connection (Inch)		3/8	3/8	3/8
Charge Adjustment Over Precharge Length (Oz / Ft)		.22	.22	.22

Warranty: 5 years parts

Optional Accessories

- PCRCUDT3 Wi-Fi Adapter for LG Smart AC
- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PDRYCB300 Third Party Thermostat Adapter Kit
- PRARS0 Auxiliary Heat Relay (requires PREMTB10U wired controller)

¹Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

²All electrical wiring must comply with applicable local, provincial and national codes.



Multi F Gloss White LSN Universal Indoor / LMN



INVERTER V

15,000 - 24,000 BTU (LSN180HSV4 Universal Indoor Unit)

System	LMN158HVT	LSN180HSV4	LMN248HVT
Capacity ¹ (BTU/hr)	15,000 BTU Class	18,000 BTU Class	24,000 BTU Class
Controller	Wireless LCD Remote	Wireless LCD Remote	Wireless LCD Remote
Controller operating range			
	Cooling	18 ~ 30°C (64 ~ 86°F)	18 ~ 30°C (64 ~ 86°F)
	Heating	16 ~ 30°C (61 ~ 86°F)	16 ~ 30°C (61 ~ 86°F)
WLAN Smart Phone Control (PCRCUDT3 required separately)	No	Yes	No
Dimension W x H x D (Inch)	35 1/4 x 11 3/8 x 8 9/32	40 9/16 x 12 25/32 x 9 27/32	40 9/16 x 12 25/32 x 9 27/32
Net Weight (Lbs)	22.1	30.9	32
Power Supply (Ø / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
Running Current	.2A	.2A	.3A
Connecting Wire Outdoor To Indoor ² : (LMU18CHV, LMU24CHV, LMU30CHV, LMU36CHV, LMU187HV, LMU247HV, LMU369HV)	4 x minimum 16* (ground included) stranded, rated at 300V minimum	4 x minimum 16* (ground included) stranded, rated at 300V minimum	4 x minimum 16* (ground included) stranded, rated at 300V minimum
Connecting Wire Distributor Box To Indoor ² : (LMU480HV & LMU540HV + PMBD36xx)	4 x minimum 18* (ground included) stranded, rated at 300V minimum	4 x minimum 18* (ground included) stranded, rated at 300V minimum	4 x minimum 18* (ground included) stranded, rated at 300V minimum
Air Flow Rate (cfm) Max ~ Hi ~ Med ~ Low	n/a ~ 371 ~ 318 ~ 247	735 ~ 622 ~ 509 ~ 399	n/a ~ 720 ~ 600 ~ 466
Sound Pressure (dBA) Hi ~ Med ~ Low ~ Sleep	n/a ~ 33 ~ 30 ~ 26	45 ~ 40 ~ 35 ~ 29	n/a ~ 42 ~ 39 ~ 36
Condensate Switch Connection	Yes	Yes	Yes
Condensate hose connection OD (Inch)	5/8	5/8	5/8
Liquid Line Connection (Inch)	1/4	1/4	1/4
Gas Line Connection (Inch)	3/8	1/2	1/2
Charge Adjustment Over Precharge Length (Oz / Ft)	.22	.22	.22

Warranty: 5 years parts

LSN180HSV4 will use a 1/4 & 1/2 lineset with any Multi F outdoor unit.

LSN180HSV4 will use a 3/8 & 5/8 lineset with LSU180HSV4.

Optional Accessories:

- PCRCUDT3 Wi-Fi Adapter for LG Smart AC (LSN180HSV4 only)
- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PDRYCB300 Third Party Thermostat Adapter Kit
- PRARSO Auxiliary Heat Relay (requires PREMTB10U wired controller)

¹Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

²All electrical wiring must comply with applicable local, provincial and national codes.



Multi F Art Cool™ Mirror LMAN



INVERTER V

9,000 - 18,000 BTU (LAN090HSV4, LAN120HSV4 & LAN180HSV4 Universal Indoor Units)

Indoor Model Number		LAN090HSV4	LAN120HSV4	LAN180HSV4
Capacity ¹ (BTU/hr)		9,000 BTU Class	12,000 BTU Class	18,000 BTU Class
Controller		Wireless LCD Remote	Wireless LCD Remote	Wireless LCD Remote
Controller operating range	Cooling	18 - 30°C (64 - 86°F)	18 - 30°C (64 - 86°F)	18 - 30°C (64 - 86°F)
	Heating	16 - 30°C (61 - 86°F)	16 - 30°C (61 - 86°F)	16 - 30°C (61 - 86°F)
WLAN Smart Phone Control		No	No	No
Dimension W x H x D (Inch)		35 1/4 x 11 3/8 x 8 1/16	35 1/4 x 11 3/8 x 8 1/16	40 9/16 x 12 25/32 x 9 21/32
Net Weight (Lbs)		23.1	23.1	32
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
Running Current		.2A	.2A	.3A
Connecting Wire Outdoor To Indoor ² : (LMU18CHV, LMU24CHV, LMU30CHV, MU36CHV, LMU187HV, LMU247HV, LMU369HV)		4 x minimum 16# (ground included) stranded, rated at 300V minimum	4 x minimum 16# (ground included) stranded, rated at 300V minimum	4 x minimum 16# (ground included) stranded, rated at 300V minimum
Connecting Wire Distributor Box To Indoor ² : (LMU480HV & LMU540HV + PMBD36xx)		4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum
Air Flow Rate (cfm) Max - Hi - Med - Low		423 - 353 - 272 - 191	423 - 353 - 272 - 191	735 - 622 - 509 - 399
Sound Pressure (dBA) Hi - Med - Low - Sleep		8 - 33 - 23 - 19	8 - 33 - 23 - 19	45 - 40 - 35 - 29
Condensate Switch Connection		Yes	Yes	Yes
Condensate hose connection OD (Inch)		5/8	5/8	5/8
Liquid Line Connection (Inch)		1/4	1/4	1/4
Gas Line Connection (Inch)		3/8	3/8	1/2
Charge Adjustment Over Precharge Length (Oz / Ft)		.22	.22	.22

Warranty: 5 years parts

LAN180HSV4 will use a 1/4 & 1/2 lineset with any Multi F outdoor unit.
LAN180HSV4 will use a 3/8 & 5/8 lineset with LSU180HSV4.

Optional Accessories:

- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PDRYCB300 Third Party Thermostat Adapter Kit
- PRARS0 Auxiliary Heat Relay (requires PREMTB10U wired controller)

¹Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

²All electrical wiring must comply with applicable local, provincial and national codes.



Multi F Art Cool™ Gallery LMAN

INVERTER V

9,000 & 12,000 BTU, Accepts Any 20" X 20" Print



	LMAN097HVP	LMAN127HVP
Indoor Model Number	LMAN097HVP	LMAN127HVP
Capacity ¹ (BTU/hr)	9,000 BTU Class	12,000 BTU Class
Controller	Wireless LCD Remote	Wireless LCD Remote
Controller operating range	Cooling	18 ~ 30°C (64 ~ 86°F)
	Heating	16 ~ 30°C (61 ~ 86°F)
WLAN Smart Phone Control	No	No
Dimension W x H x D (Inch)	23 5/8 x 23 5/8 x 5 25/32	23 5/8 x 23 5/8 x 5 25/32
Net Weight (Lbs)	32	32
Power Supply (Ø / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60
Running Current	.2A	.2A
Connecting Wire Outdoor To Indoor: (LMU18CHV, LMU24CHV, LMU30CHV, LMU36CHV, LMU187HV, LMU247HV, LMU369HV)	4 x minimum 16# (ground included) stranded, rated at 300V minimum	4 x minimum 16# (ground included) stranded, rated at 300V minimum
Connecting Wire Distributor Box To Indoor ² : (LMU480HV & LMU540HV + PMBD36xx)	4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum
Air Flow Rate (cfm) Hi ~ Med ~ Low	272 ~ 208 ~ 155	314 ~ 258 ~ 198
Sound Pressure (dBA) Hi ~ Med ~ Low	39 ~ 35 ~ 31	42 ~ 38 ~ 34
Condensate Switch Connection	Yes	Yes
Condensate hose connection OD (Inch)	5/8	5/8
Liquid Line Connection (Inch)	1/4	1/4
Gas Line Connection (Inch)	3/8	3/8
Charge Adjustment Over Precharge Length (Oz / Ft)	.22	.22

Warranty: 5 years parts

Optional Accessories:

- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PDRYCB300 Third Party Thermostat Adapter Kit
- PRARS0 Auxiliary Heat Relay (requires PREMTB10U wired controller)

¹Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

²All electrical wiring must comply with applicable local, provincial and national codes.



Multi F Ceiling Cassette LMCN



PT-UQC Grille Required as Accessory

INVERTER V 7,000 & 9,000 BTU

Indoor Model Number	LMCN077HV	LMCN097HV
Capacity ¹ (BTU/hr)	7,000 BTU Class	9,000 BTU Class
Controller	Wireless LCD Remote	Wireless LCD Remote
Controller operating range	Cooling	18 ~ 30°C (64 ~ 86°F)
	Heating	16 ~ 30°C (61 ~ 86°F)
WLAN Smart Phone Control	No	No
Unit Dimension W x H x D (Inch)	22 7/16 x 8 7/16 x 22 7/16	22 7/16 x 8 7/16 x 22 7/16
Net Weight Unit (Lbs)	30.9	33.1
PT-UQC Grille Required As Separate Accessory, Not Included With Indoor Unit		
Grille Dimension W x H x D (Inch)	27 9/16 x 7/8 x 27 9/16	27 9/16 x 7/8 x 27 9/16
Net Weight Grille (Lbs)	6.6	6.6
Power Supply (Ø / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60
Running Current	.25A	.25A
Connecting Wire Outdoor To Indoor ² : (LMU18CHV, LMU24CHV, LMU30CHV, LMU36CHV, LMU187HV, LMU247HV, LMU369HV)	4 x minimum 16# (ground included) stranded, rated at 300V minimum	4 x minimum 16# (ground included) stranded, rated at 300V minimum
Connecting Wire Distributor Box To Indoor ² : (LMU480HV & LMU540HV + PMBD36xx)	4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum
Air Flow Rate (cfm) Hi ~ Med ~ Low	265 ~ 212 ~ 177	300 ~ 265 ~ 230
Sound Pressure (dBA) Hi ~ Med ~ Low	31 ~ 27 ~ 24	36 ~ 33 ~ 30
Condensate Connection OD (Inch)	1 1/4	1 1/4
Liquid Line Connection (Inch)	1/4	1/4
Gas Line Connection (Inch)	3/8	3/8
Charge Adjustment Over Precharge Length (Oz / Ft)	.22	.22

Warranty: 5 years parts

INVERTER V 12,000 - 18,000 BTU

Indoor Model Number	LMCN125HV	LMCN185HV
Capacity ¹ (BTU/hr)	12,000 BTU Class	18,000 BTU Class
Controller	Wireless LCD Remote	Wireless LCD Remote
Controller operating range	Cooling	18 ~ 30°C (64 ~ 86°F)
	Heating	16 ~ 30°C (61 ~ 86°F)
WLAN Smart Phone Control	No	No
Unit Dimension W x H x D (Inch)	22 7/16 x 8 7/16 x 22 7/16	22 7/16 x 8 7/16 x 22 7/16
Net Weight Unit (Lbs)	30.9	33.1
PT-UQC Grille Required As Separate Accessory, Not Included With Indoor Unit		
Grille Dimension W x H x D (Inch)	27 9/16 x 7/8 x 27 9/16	27 9/16 x 7/8 x 27 9/16
Net Weight Grille (Lbs)	6.6	6.6
Power Supply (Ø / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60
Running Current	.25A	.25A
Connecting Wire Outdoor To Indoor ² : (LMU18CHV, LMU24CHV, LMU30CHV, LMU36CHV, LMU187HV, LMU247HV, LMU369HV)	4 x minimum 16# (ground included) stranded, rated at 300V minimum	4 x minimum 16# (ground included) stranded, rated at 300V minimum
Connecting Wire Distributor Box To Indoor ² : (LMU480HV & LMU540HV + PMBD36xx)	4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum
Air Flow Rate (cfm) Hi ~ Med ~ Low	335 ~ 283 ~ 247	459 ~ 424 ~ 388
Sound Pressure (dBA) Hi ~ Med ~ Low	38 ~ 35 ~ 32	36 ~ 33 ~ 30
Condensate Connection OD (Inch)	1 1/4	1 1/4
Liquid Line Connection (Inch)	1/4	1/4
Gas Line Connection (Inch)	3/8	1/2
Charge Adjustment Over Precharge Length (Oz / Ft)	.22	.22

Warranty: 5 years parts

Optional Accessories:

- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PDRYCB300 Third Party Thermostat Adapter Kit
- PRARH0 Auxiliary Heat Relay (requires PREMTB10U wired controller)

¹Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

²All electrical wiring must comply with applicable local, provincial and national codes.



Multi F Low-Static Air Handler LMDN

INVERTER V

9,000 & 18,000 BTU



LMDN096HV



LMDN126HV & LMDN186HV

Indoor Model Number	LMDN096HV	LMDN126HV	LMDN186HV
Capacity ¹ (BTU/hr)	9,000 BTU Class	12,000 BTU Class	18,000 BTU Class
Controller	Wired Non-Programmable	Wired Non-Programmable	Wired Non-Programmable
Controller operating range	Cooling 18 ~ 30°C (64 ~ 86°F) Heating 16 ~ 30°C (61 ~ 86°F)	18 ~ 30°C (64 ~ 86°F) 16 ~ 30°C (61 ~ 86°F)	18 ~ 30°C (64 ~ 86°F) 16 ~ 30°C (61 ~ 86°F)
WLAN Smart Phone Control	No	No	No
Unit Dimension W x H x D (Inch)	27 9/16 x 7 15/32 x 27 9/16	35 7/16 x 7 15/32 x 27 9/16	35 7/16 x 7 15/32 x 27 9/16
Net Weight Unit (Lbs)	38.6	50.7	50.7
Air Filter Type Included	Washable	Washable	Washable
Power Supply (Ø / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
Running Current	.25A	.25A	.25A
Connecting Wire Outdoor To Indoor ² : (LMU18CHV, LMU24CHV, LMU30CHV, LMU36CHV, LMU187HV, LMU247HV, LMU369HV)	4 x minimum 16# (ground included) stranded, rated at 300V minimum	4 x minimum 16# (ground included) stranded, rated at 300V minimum	4 x minimum 16# (ground included) stranded, rated at 300V minimum
Connecting Wire Distributor Box To Indoor ² : (LMU480HV & LMU540HV + PMBD36xx)	4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum
Air Flow Rate (cfm 0.2" ESP) Hi ~ Med ~ Low	318 ~ 247 ~ 194	353 ~ 300 ~ 247	530 ~ 441 ~ 353
Sound Pressure (dBA)	30 ~ 26 ~ 23	31 ~ 28 ~ 27	36 ~ 34 ~ 31
Condensate Connection OD (Inch)	1 1/4	1 1/4	1 1/4
Liquid Line Connection (Inch)	1/4	1/4	1/4
Gas Line Connection (Inch)	3/8	3/8	1/2
Charge Adjustment Over Precharge Length (Oz / Ft)	.22	.22	.22

Warranty: 5 years parts

Optional Accessories:

- PREMTB10U programmable wired controller
- Contact LG Technical Support regarding Dry Contact options for external control at 866-543-8324

¹Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

²All electrical wiring must comply with applicable local, provincial and national codes.



Multi F & Multi F MAX Efficiency / Capacity Table

System	Combined With	Rated Cooling Capacity (BTU/h)	EER (95°F)	SEER	Rated Heating Capacity (BTU/h)	COP (47°F)	HSPF	Low Heating Capacity (BTU/h)	COP (17°F)	Energy Star
LMU18CHV	Non-Ducted Indoor Units	17,000	13.0	22.0	22,000	3.2	9.7	13,500	2.4	
	Ducted Units	14,000	10.7	17.2	19,800	2.9	9.7	13,000	2.4	
	Mixed Non-Ducted and Ducted Indoor Units	15,500	11.8	19.6	20,900	3.0	9.7	13,250	2.4	
LMU24CHV	Non-Ducted Indoor Units	20,000	13.5	21.7	24,000	3.9	10.6	14,500	2.7	
	Ducted Units	17,800	11.5	17.5	22,500	3.4	9.8	14,000	2.5	
	Mixed Non-Ducted and Ducted Indoor Units	18,900	12.5	19.6	23,250	3.7	10.2	14,250	2.6	
LMU30CHV	Non-Ducted Indoor Units	30,000	13.0	22.0	32,000	TBD	10	19,600	TBD	
	Ducted Units	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	
	Mixed Non-Ducted and Ducted Indoor Units	28,700	12.0	20.1	32,500	TBD	9.85	19,300	TBD	
LMU36CHV	Non-Ducted Indoor Units	32,000	13.0	22.0	36,000	3.9	10.0	20,000	2.6	
	Ducted Units	28,000	11.0	18.2	34,000	3.5	9.7	19,500	2.4	
	Mixed Non-Ducted and Ducted Indoor Units	30,000	12.0	20.1	35,000	3.7	9.9	19,750	2.5	
LMU480HV	Non-Ducted Indoor Units	48,000	12.5	19.5	54,000	TBD	10	35,000	TBD	
	Ducted Units	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	
	Mixed Non-Ducted and Ducted Indoor Units	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	
LMU540HV	Non-Ducted Indoor Units	52,500	10.3	18.4	58,000	3.1	8.7	36,600	2.6	
	Ducted Units	51,000	10.0	15.8	58,000	3.0	8.3	38,500	2.6	
	Mixed Non-Ducted and Ducted Indoor Units	51,750	10.15	17.1	58,000	3.1	8.5	37,550	2.6	

LMU18CHV, LMU24CHV, LMU30CHV, LMU36CHV:

Rated capacity is rated 0 ft. above sea level with 25 ft. of refrigerant line per indoor unit and a 0 ft. level difference between outdoor and indoor units.

All capacities are net with a combination ratio between 95 – 105%.

Rated cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Rated heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

LMU480HV & LMU540HV:

Rated capacity is rated 0 ft. above sea level with Piping Length as Main pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft., and a 0 ft. level difference between outdoor and indoor units.

All capacities are net with a combination ratio between 95 – 105%.

Rated cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Rated heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

All Models:

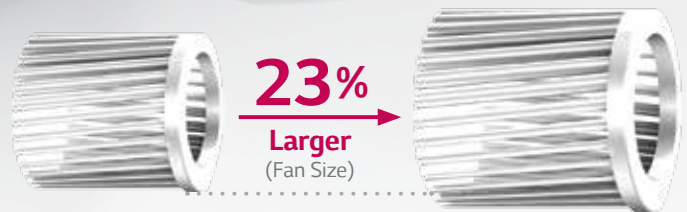
Rated capacity is certified under AHRI Standard 210 / 240. EER, IEER, COP, and HSPF are subject to change. See www.ahrinet.org for the latest values.



Art Cool™ Prestige

Superior Air Flow

Larger diameter fan wheel & outlet design for 547 maximum cfm

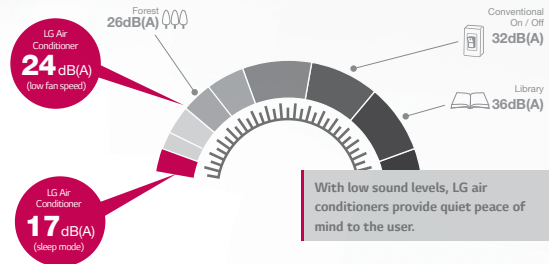


Previous: 3-1/4in

New: 4in

Whisper-quiet Air Flow

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



Beautiful Art Cool Appearance

White pearlized finish and rounded surfaces enhance any room



Heating Operation Down to -25°C / -13°F

Supreme performance for our Canadian winter

High Efficiency in Heating and Cooling Modes

Up to 27.5 SEER / 16.01 EER / 11.8 HSPF / 4.6 COP



Art Cool™ Prestige

ART COOL™ PRESTIGE
operation
-25°C



INVERTER V 9,000 & 12,000 BTU

System	LA090HYV1 9,000 BTU	LA120HYV 12,000 BTU
Energy Star		
Indoor Model	LAN090HYV1	LAN120HYV
Outdoor Model	LAU090HYV1	LAU120HYV
Capacity ¹ (BTU/hr) Rated Cooling / Heating	9,000 / 11,000	12,000 / 13,600
Maximum Heating Output	At -8°C 11,990 (109%) At -15°C 11,220 (102%) At -25°C 7,920 (72%)	14,650 (108%) 13,720 (101%) 9,520 (70%)
E.E.R.	15.65	14.12
S.E.E.R.	27.5	25.5
H.S.P.F. (Region IV / V)	12 / 10.4	11.5 / 10.0
COP	4.6	4.63
Indoor		
Dimension W x H x D (Inch)	34 7/16 x 11 5/8 x 9 1/4	34 7/16 x 11 5/8 x 9 1/4
Net Weight (Lbs)	24.25	24.25
Power Supply From Outdoor Unit (Ø / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60
Connecting Wire Outdoor To Indoor ² :	4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum ²
Controller	Wireless LCD Remote	Wireless LCD Remote
Controller Operating Range	Cooling 18 ~ 30°C (64 ~ 86°F) Heating 16 ~ 30°C (61 ~ 86°F)	18 ~ 30°C (64 ~ 86°F) 16 ~ 30°C (61 ~ 86°F)
Air Flow Rate (cfm) Max-Hi-Med-Low	547-494-417-283	547-494-417-283
Sound Pressure (dBA) Hi-Med-Low-Sleep	38 (39 heating)-33-25-17	38 (39 heating)-33-25-17
Condensate connection OD (Inch)	5/8 male	5/8 male
Condensate Sensor Connection	Yes	Yes
Cooling-only Option	Yes	Yes
WLAN Smart Phone Control (PCRCUDT3 required separately)	Yes	Yes
Outdoor		
Operation Range	Cooling (DB) -10 ~ 48°C (14 ~ 118°F) Heating (WB) -25 ~ 24°C (-13 ~ 75°F)	-10 ~ 48°C (14 ~ 118°F) -25 ~ 24°C (-13 ~ 75°F)
Power Supply (Ø / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60
MOP	15	15
MCA	11.2	11.2
Minimum ~ Maximum Lineset Length (Ft)	10 - 66	10 - 66
Maximum Lineset Elevation (Ft)	33	33
Liquid Line Connection (Inch)	1/4	1/4
Gas Line Connection (Inch)	3/8	3/8
Refrigerant	R410A	R410A
Factory Charge (Oz) - Sufficient for 41' lineset	40.6	40.6
Charge Adjustment Over Precharge Length (Oz / Ft)	.22	.22
Compressor Number and Type	1 Twin Rotary Inverter	1 Twin Rotary Inverter
Net Weight (Lbs)	72.75	72.75
Dimension W x H x D (Inch)	30 5/16 x 21 1/2 x 11 5/16	31 5/16 x 21 1/2 x 11 5/16
Sound Pressure (dBA)	45	45

Warranty: 5 years parts, 7 years compressor

Optional Accessories

- PCRCUDT3 Wi-Fi Adapter for LG Smart AC
- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PDRYCB300 Third Party Thermostat Adapter Kit
- PRARS1 Auxiliary Heat Relay (requires PREMTB10U wired controller)

Kit For Low Ambient Cooling Operation

Front Wind Guard	PAG-HS0	PAG-HS0
Rear / Side Wind Guard	PAG-HS3	PAG-HS3
Control Adapter	PQCA0	PQCA0

¹Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

²All electrical wiring must comply with applicable local, provincial and national codes.



Art Cool™ Mirror Universal Indoor / Outdoor Unit

INVERTER V 9,000 & 12,000 BTU



ART COOL™ MIRROR
-20°C operation

System		LA090HSV4 9,000 BTU	LA120HSV4 12,000 BTU
Energy Star			
Indoor Model		LAN090HSV4 Match with LSU090HSV4 & all Multi F	LAN120HSV4 Match with LSU120HSV4 & all Multi F
Outdoor Model		LSU090HSV4	LSU120HSV4
Capacity ¹ (BTU/hr) Rated Cooling / Heating		9,000 / 10,800	11,200 / 13,300
Maximum Heating Output	At -8°C	8,856 (82%)	10,906 (82%)
	At -15°C	7,452 (69%)	9,177 (69%)
	At -25°C	7,236 (67%)	8,911 (67%)
E.E.R.		13.29	12.5
S.E.E.R.		21.5	21.5
H.S.P.F. (Region V / IV)		10.8 / 9.4	11.0 / 9.6
C.O.P.		4.51	3.90
Indoor			
Dimension W x H x D (Inch)		34 13/16 x 11 1/4 x 8 1/16	34 13/16 x 11 1/4 x 8 1/16
Net Weight (Lbs)		24.3	24.3
Power Supply From Outdoor Unit (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
Connecting Wire Outdoor To Indoor ² :		4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum
Controller		Wireless LCD Remote	Wireless LCD Remote
Controller Operating Range	Cooling	18 ~ 30°C (64 ~ 86°F)	18 ~ 30°C (64 ~ 86°F)
	Heating	16 ~ 30°C (61 ~ 86°F)	16 ~ 30°C (61 ~ 86°F)
Air Flow Rate (cfm) Max-Hi-Med-Low		423-353-272-191	423-353-272-191
Sound Pressure (dBA) Hi-Med-Lo-Sleep		38 (39 heating)-33-23-19	38 (39 heating)-33-23-19
Condensate Connection OD (Inch)		5/8 male	5/8 male
Condensate Sensor Connection		Yes	Yes
Cooling-only Switch		No	No
WLAN Smart Phone Control		No	No
Outdoor			
Operation Range	Cooling (DB)	-10 ~ 48°C (14 ~ 118°F)	-10 ~ 48°C (14 ~ 118°F)
	Heating (WB)	-20 ~ 24°C (-13 ~ 75°F)	-20 ~ 24°C (-13 ~ 75°F)
Power Supply (Ø / V / Hz)		1 / 208-240 / 60	1 / 208-240 / 60
MOP		15	15
MCA		10	10
Minimum - Maximum Lineset Length (Ft)		10 ~ 66	10 ~ 66
Maximum Lineset Elevation (Ft)		33	33
Liquid Line Connection (Inch)		1/4	1/4
Gas Line Connection (Inch)		3/8	3/8
Refrigerant		R410A	R410A
Factory Charge (Oz) - Sufficient for 41' lineset		35.3 ounces	35.3 ounces
Charge Adjustment: Over Precharge Length (Oz / Ft)		.22	.22
Compressor Number & Type		1 Rotary Inverter	1 Rotary Inverter
Net Weight (Lbs)		81.6	81.6
Dimension W x H x D (Inch)		30 5/16 x 21 1/2 x 11 5/16	30 5/16 x 21 1/2 x 11 5/16
Sound Pressure dBA		45	45

Warranty: 5 years Parts, 7 years compressor

Optional Accessories:

- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PDRYCB300 Third Party Thermostat Adapter Kit
- PRARS1 Auxiliary Heat Relay (requires PREMTB10U wired controller)

Kit For Low Ambient Cooling Operation

Front Wind Guard	PAG-HS0	PAG-HS0
Rear / Side Wind Guard	PAG-HS3	PAG-HS3
Control Adapter	PQCA0	PQCA0

¹ Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

² All electrical wiring must comply with applicable local, provincial and national codes.



Art Cool™ Mirror Universal Indoor / Outdoor Unit

INVERTER V

18,000 & 24,000 BTU



ART COOL™ MIRROR
-20°C operation

System		LA180HSV4 18,000 BTU	LA240HSV2 24,000 BTU
Energy Star			
Indoor Model		LAN180HSV4 Match with LSU180HSV4 & all Multi F except LMU18CHV / LMU187HV	LAN240HSV2
Outdoor Model		LSU180HSV4	LAU240HSV2
Capacity ¹ (BTU/hr) Rated Cooling / Heating		18,200 / 22,000	22,000 / 27,600
Maximum Heating Output	At -8°C	18,040 (82%)	22,800 at 0°C
	At -15°C	15,180 (69%)	16,380 at -15°C
	At -25°C	14,740 (67%)	
E.E.R.		12.58	10.8
S.E.E.R.		20.5	20
H.S.P.F. (Region V / IV)		9.7 / 8.4	10 (Region IV)
C.O.P.		3.66	3.03
Indoor			
Dimension W x H x D (Inch)		40 9/16 x 12 13/16 x 9 11/16	40 9/16 x 12 13/16 x 9 11/16
Net Weight (Lbs)		37.5	37.5
Power Supply From Outdoor Unit (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
Connecting Wire Outdoor To Indoor ² :		4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum
Controller		Wireless LCD Remote	Wireless LCD Remote
Controller Operating Range	Cooling	18 ~ 30°C (64 ~ 86°F)	18 ~ 30°C (64 ~ 86°F)
	Heating	16 ~ 30°C (61 ~ 86°F)	16 ~ 30°C (61 ~ 86°F)
Air Flow Rate (cfm) Max-Hi-Med-Low		735-622-509-399	777-632-526-399
Sound Pressure (dBA) Hi-Med-Lo-Sleep		45-40-35-29	45-40-35-29
Condensate Connection OD (Inch)		5/8 male	5/8 male
Condensate Sensor Connection		Yes	Yes
Cooling only Switch		No	No
WLAN Smart Phone Control		No	No
Outdoor			
Operation Range	Cooling (DB)	-10 ~ 48°C (14 ~ 118°F)	-10 ~ 48°C (14 ~ 118°F)
	Heating (WB)	-20 ~ 24°C (-13 ~ 75°F)	-20 ~ 24°C (-13 ~ 75°F)
Power Supply (Ø / V / Hz)		1 / 208-240 / 60	1 / 208-240 / 60
MOP		30	30
MCA		19	19
Minimum ~ Maximum Lineset Length (Ft)		10 ~ 98	10 ~ 98
Maximum Lineset Elevation (Ft)		50	50
Liquid Line Connection (Inch)		3/8	3/8
Gas Line Connection (Inch)		5/8	5/8
Refrigerant		R410A	R410A
Factory Charge (Oz) - Sufficient for 25' lineset		63.5 ounces	63.5 ounces
Charge Adjustment Over Precharge Length (Oz / Ft)		.38	.38
Compressor Number & Type		1 Rotary Inverter	1 Rotary Inverter
Net Weight (Lbs)		132.3	132.3
Dimension W x H x D (Inch)		34 1/4 x 31 1/2 x 12 19/32	34 1/4 x 31 1/2 x 12 19/32
Sound Pressure (dBA)		53	53
Cooling-only Switch		No	No
Condensate Sensor Connection		Yes	Yes
WLAN Smart Phone App Control		No	No
Warranty: 5 years Parts, 7 years compressor			
Optional Accessories:			
• PREMTB10U programmable wired controller			
• PZCWRG3 Group Control / Extension Wire			
• PDRYCB300 Third Party Thermostat Adapter Kit			
• PRARS1 Auxiliary Heat Relay (requires PREMTB10U wired controller)			
Kit For Low Ambient Cooling Operation			
Front Wind Guard		PAG-HS0	PAG-HS0
Rear / Side Wind Guard		PAG-HS2	PAG-HS2
Control Adapter		PQCA0	PQCA0

LAN180HSV4 will use a 1/4 & 1/2 lineset with any Multi F outdoor unit.
LAN180HSV4 will use a 3/8 & 5/8 lineset with LSU180HSV4.

¹Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

²All electrical wiring must comply with applicable local, provincial and national codes.



Gloss White Universal Indoor / Outdoor Unit

INVERTER V 9,000 & 12,000 BTU



System		LSO90HSV4 9,000 BTU	LS120HSV4 12,000 BTU
Energy Star			
Indoor Model		LSN090HSV4 Match with LSU090HSV4 & all Multi F	LSN120HSV4 Match with LSU120HSV4 & all Multi F
Outdoor Model		LSU090HSV4 Match with LSN090HSV4 & LAN090HSV4	LSU120HSV4 Match with LSN120HSV4 & LAN120HSV4
Capacity ¹ (BTU/hr) Rated Cooling / Heating		9,000 / 10,800	11,200 / 13,300
Maximum Heating Output	At -8°C	8,856 (82%)	10,906 (82%)
	At -15°C	7,452 (69%)	9,177 (69%)
	At -20°C	7,236 (67%)	8,911 (67%)
E.E.R.		13.3	12.5
S.E.E.R.		21.5	21.5
H.S.P.F. (Region IV / V)		10.8 / 9.4	11 / 9.6
C.O.P.		4.51	3.90
Indoor			
Dimension Inches W x H x D		34 13/16 x 11 1/4 x 8 1/4	34 13/16 x 11 1/4 x 8 1/4
Net Weight (Lbs)		19.4	19.4
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
Connecting Wire Outdoor To Indoor ²² :		4 x minimum 18* (ground included) stranded, rated at 300V minimum	4 x minimum 18* (ground included) stranded, rated at 300V minimum
Controller		Wireless LCD Remote	Wireless LCD Remote
Controller Operating Range	Cooling	18 ~ 30°C (64 ~ 86°F)	18 ~ 30°C (64 ~ 86°F)
	Heating	16 ~ 30°C (61 ~ 86°F)	16 ~ 30°C (61 ~ 86°F)
Air Flow Rate (cfm) Max-Hi-Med-Low		423-353-272-191	423-353-272-191
Sound Pressure (dBA) Hi-Med-Low-Sleep		38-33-23-19	38-33-23-19
Condensate Connection OD (Inch)		5/8 male	5/8 male
Condensate Sensor Connection		Yes	Yes
Cooling-only Option		Yes	Yes
WLAN Smart Phone Control (PCRCUPT3 required separately)		Yes	Yes
Outdoor			
Operation Range	Cooling (DB)	-10 ~ 48°C (14 ~ 118°F)	-10 ~ 48°C (14 ~ 118°F)
	Heating (WB)	-20 ~ 24°C (-4 ~ 75°F)	-20 ~ 24°C (-4 ~ 75°F)
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
MOP		15	15
MCA		10	10
Minimum ~ Maximum Lineset Length (Ft)		10 ~ 66	10 ~ 66
Maximum Lineset Elevation (Ft)		33	33
Liquid Line Connection (Inch)		1/4	1/4
Gas Line Connection (Inch)		3/8	3/8
Refrigerant		R410A	R410A
Factory Charge (Oz) - Sufficient for 41' lineset		35.3	35.3
Charge Adjustment Over Precharge Length (Oz / Ft)		.22	.22
Compressor Number and Type		1 Rotary Inverter	1 Rotary Inverter
Net Weight (Lbs)		75	75
Dimension W x H x D (Inch)		30 5/16 x 21 1/2 x 11 5/16	31 5/16 x 21 1/2 x 11 5/16
Sound Pressure (dBA)		45	45

Warranty: 5 years parts, 7 years compressor

Optional Accessories:

- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PDRYCB300 Third Party Thermostat Adapter Kit
- PRARS1 Auxiliary Heat Relay (requires PREMTB10U wired controller)

Kit For Low Ambient Cooling Operation

Front Wind Guard	PAG-HS0	PAG-HS0
Rear / Side Wind Guard	PAG-HS3	PAG-HS3
Control Adapter	PQCA0	PQCA0

¹ Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

² All electrical wiring must comply with applicable local, provincial and national codes.



Gloss White Universal Indoor / Outdoor Unit

INVERTER V 18,000 & 24,000 BTU



SINGLE ZONE
operation
-20°C

System		LS180HSV4 18,000 BTU	LS240HSV3 24,000 BTU
Energy Star			
Indoor Model		LSN180HSV4 Match with LSU180HSV4 & all Multi F except LMU18CHV / LMU187HV	LSN240HSV3 Match with LSU240HSV3 only
Outdoor Model		LSU180HSV4 Match with LSN180HSV4 & LAN180HSV4	LSU120HSV4 Match with LSN240HSV3 only
Capacity ¹ (BTU/hr) Rated Cooling / Heating		18,200 / 22,000	22,000 / 27,600
Maximum Heating Output	At -8°C	18,040 (82%)	22,498 (82%)
	At -15°C	15,180 (69%)	19,097 (69%)
	At -20°C	14,740 (67%)	18,424 (67%)
E.E.R.		12.6	12.5
S.E.E.R.		20.5	20
H.S.P.F. (Region IV / V)		9.7 / 8.4	10.2 / 8.9
C.O.P.		3.66	3.4
Indoor			
Dimension Inches W x H x D (Inch)		40 9/16 x 12 13/16 x 9 11/16	47 19/32 x 13 5/8 x 8 1/16
Net Weight (Lbs)		30.9	35.5
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
Connecting Wire Outdoor To Indoor ² :		4 x minimum 18* (ground included) stranded, rated at 300V minimum	4 x minimum 18* (ground included) stranded, rated at 300V minimum
Controller		Wireless LCD Remote	Wireless LCD Remote
Controller Operating Range	Cooling	18 ~ 30°C (64 ~ 86°F)	18 ~ 30°C (64 ~ 86°F)
	Heating	16 ~ 30°C (61 ~ 86°F)	16 ~ 30°C (61 ~ 86°F)
Air Flow Rate (cfm) Max-Hi-Med-Low		735-622-509-399	883-742-629-424
Sound Pressure (dBA) Hi-Med-Low-Sleep		45-40-35-29	46-43-39-37
Condensate Connection OD (Inch)		5/8 male	5/8 male
Condensate Sensor Connection		Yes	Yes
Cooling-only Option		Yes	Yes
WLAN Smart Phone Control (PCRCUDT3 required separately)		Yes	Yes
Outdoor			
Operation Range	Cooling (DB)	-10 ~ 48°C (14 ~ 118°F)	-10 ~ 48°C (14 ~ 118°F)
	Heating (WB)	-20 ~ 24°C (-4 ~ 75°F)	-20 ~ 24°C (-4 ~ 75°F)
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
MOP		25	25
MCA		19	19
Minimum ~ Maximum Lineset Length (Ft)		10 ~ 98	10 ~ 98
Maximum Lineset Elevation (Ft)		50	50
Liquid Line Connection (Inch)		3/8	3/8
Gas Line Connection (Inch)		5/8	5/8
Refrigerant		R410A	R410A
Factory Charge (Oz) - Sufficient for 25' lineset		63.5	70.5
Charge Adjustment Over Precharge Length (Oz / Ft)		.38	.38
Compressor Number and Type		1 Rotary Inverter	1 Rotary Inverter
Net Weight (Lbs)		122.4	127.8
Dimension W x H x D (Inch)		34 1/4 x 31 1/2 x 12 19/32	34 1/4 x 31 1/2 x 12 19/32
Sound Pressure (dBA)		45	55

Warranty: 5 years parts, 7 years compressor

Optional Accessories:

- PQSH1 201 Base Pan Heater (LSU180HSV4 only)
- PCRCUDT3 Wi-Fi Adapter for LG Smart AC
- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PDRYCB300 Third Party Thermostat Adapter Kit
- PRARS1 Auxiliary Heat Relay (requires PREMTB10U wired controller)

LSN180HSV4 will use a 1/4 & 1/2 lineset with any Multi F outdoor unit.
LSN180HSV4 will use a 3/8 & 5/8 lineset with LSU180HSV4.

Kit For Low Ambient Cooling Operation

Front Wind Guard	PAG-HS0	PAG-HS0
Rear / Side Wind Guard	PAG-HS2	PAG-HS2
Control Adapter	PQCA0	PQCA0

¹ Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

² All electrical wiring must comply with applicable local, provincial and national codes.



SINGLE ZONE
operation
-20°C

Gloss White

INVERTER V 30,000 & 36,000 BTU



System		LS307HV3 30,000 BTU	LS360HV3 36,000 BTU
Indoor Model		LSN307HV3	LSN360HV3
Outdoor Model		LSU307HV3	LSU360HV3
Capacity ¹ (BTU/hr) Rated Cooling / Heating		30,000 / 32,000	33,000 / 35,200
Maximum Heating Output	At -8°C	26,420 (82%)	28,864 (82%)
	At -15°C	22,080 (69%)	24,288 (69%)
	At -20°C	21,440 (67%)	23,584 (67%)
E.E.R.		10	8.2
S.E.E.R.		18	16.1
H.S.PF		95	99
C.O.P.		3.02	2.68
Indoor			
Dimension W x H x D (Inch)		47 19/32 x 13 5/8 x 8 1/16	47 19/32 x 13 5/8 x 8 1/16
Net Weight (Lbs)		35.5	35.5
Power Supply From Outdoor Unit (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
Connecting Wire Outdoor To Indoor ² :		4 x minimum 18* (ground included) stranded, rated at 300V minimum	4 x minimum 18* (ground included) stranded, rated at 300V minimum
Controller		Wireless LCD Remote	Wireless LCD Remote
Controller Operating Range	Cooling	18 ~ 30°C (64 ~ 86°F)	18 ~ 30°C (64 ~ 86°F)
	Heating	16 ~ 30°C (61 ~ 86°F)	16 ~ 30°C (61 ~ 86°F)
Air Flow Rate (cfm) Max-Hi-Med-Low		883-742-629-424	883-742-629-424
Sound Pressure (dBA) Hi-Med-Low-Sleep		49-44-39-37	49-44-39-37
Condensate Connection OD (Inch)		5/8	5/8
Condensate Sensor Connection		Yes	Yes
Cooling-only Option		Yes	Yes
WLAN Smart Phone Control (PCRCUDT3 required separately)		Yes	Yes
Outdoor			
Operation Range	Cooling (DB)	-10 ~ 48°C (14 ~ 118°F)	-10 ~ 48°C (14 ~ 118°F)
	Heating (WB)	-20 ~ 24°C (-4 ~ 75°F)	-20 ~ 24°C (-4 ~ 75°F)
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
MOP		30	30
MCA		19	19
Minimum ~ Maximum Lineset Length (Ft)		10 ~ 98	10 ~ 98
Maximum Lineset Elevation (Ft)		50	50
Liquid Line Connection (Inch)		3/8	3/8
Gas Line Connection (Inch)		5/8	5/8
Refrigerant		R410A	R410A
Factory Charge (Oz) - Sufficient for 25' lineset		70.5 ounces	70.5 ounces
Charge Adjustment Over Precharge Length (Oz / Ft)		.38	.38
Compressor Number and Type		1 Rotary Inverter	1 Rotary Inverter
Net Weight (Lbs)		127.8	127.8
Dimension W x H x D (Inch)		34 1/4 x 31 1/2 x 12 19/32	34 1/4 x 31 1/2 x 12 19/32
Sound Pressure (dBA)		55	55

Warranty: 5 years parts, 7 years compressor

Optional Accessories:

- PCRCUDT3 Wi-Fi Adapter for LG Smart AC
- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PDRYCB300 Third Party Thermostat Adapter Kit
- PRARS1 Auxiliary Heat Relay (requires PREMTB10U wired controller)

Kit For Low Ambient Cooling Operation

Front Wind Guard	PAG-HS0	PAG-HS0
Rear / Side Wind Guard	PAG-HS2	PAG-HS2
Control Adapter	PQCA0	PQCA0

¹ Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

² All electrical wiring must comply with applicable local, provincial and national codes.



Gloss White Long Lineset Commercial Unit

INVERTER V
24,000 - 36,000 BTU



SINGLE ZONE
-20°C operation

System	LS240HLV 24,000 BTU	LS300HLV 30,000 BTU	LS360HLV 36,000 BTU	
Energy Star				
Indoor Model	LSN240HLV	LSN300HLV	LSN360HLV	
Outdoor Model	LSU240HLV	LSU300HLV	LSU360HLV	
Capacity ¹ (BTU/hr) Rated Cooling / Heating	22,000 / 27,000	30,000 / 32,000	33,000 / 35,200	
Maximum Heating Output	At -8°C At -15°C At -20°C	22,410 (83%) 18,900 (70%) 17,820 (66%)	26,560 (83%) 22,400 (70%) 21,120 (66%)	29,216 (83%) 24,640 (70%) 23,232 (66%)
E.E.R.	12.5	10	8.18	
S.E.E.R.	21.5	19	17.5	
H.S.P.F. (Region V / IV)	11.0/9.6	10/8.7	10/8.7	
C.O.P.	3.32	3.03	2.69	
Indoor				
Dimension W x H x D (Inch)	46 7/8 x 13 5/8 x 10 7/16	46 7/8 x 13 5/8 x 10 7/16	46 7/8 x 13 5/8 x 10 7/16	
Net Weight (Lbs)	39.7	39.7	39.7	
Power Supply From Outdoor Unit (Ø / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60	
Connecting Wire Outdoor To Indoor ² :	4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum	
Controller	Wireless LCD Remote	Wireless LCD Remote	Wireless LCD Remote	
Controller Operating Range	Cooling Heating	18 ~ 30°C (64 ~ 86°F) 16 ~ 30°C (61 ~ 86°F)	18 ~ 30°C (64 ~ 86°F) 16 ~ 30°C (61 ~ 86°F)	18 ~ 30°C (64 ~ 86°F) 16 ~ 30°C (61 ~ 86°F)
Air Flow Rate (cfm) Max-Hi-Med-Low	953-848-706-530	953-848-706-530	953-848-706-530	
Sound Pressure (dBA) Hi-Med-Low-Sleep	49-44-40-37	49-44-40-37	49-44-40-37	
Condensate Connection OD (Inch)	5/8	5/8	5/8	
Condensate Sensor Connection	Yes	Yes	Yes	
Cooling-only Option	Yes	Yes	Yes	
Sound Pressure (dBA)	55	55	55	
WLAN Smart Phone Control	No	No	No	
Outdoor				
Operation Range	Cooling (DB) Heating (WB)	-10 ~ 48°C (14 ~ 118°F) -20 ~ 24°C (-4 ~ 75°F)	-10 ~ 48°C (14 ~ 118°F) -20 ~ 24°C (-4 ~ 75°F)	-10 ~ 48°C (14 ~ 118°F) -20 ~ 24°C (-4 ~ 75°F)
Power Supply (Ø / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60	
MOP	23	23	23	
MCA	35	35	35	
Minimum ~ Maximum Lineset Length (Ft)	10 ~ 164	10 ~ 164	10 ~ 164	
Maximum Lineset Elevation (Ft)	98	98	98	
Liquid Line Connection (Inch)	3/8	3/8	3/8	
Gas Line Connection (Inch)	5/8	5/8	5/8	
Refrigerant	R410A	R410A	R410A	
Factory Charge (Oz) - Sufficient for 25' lineset	77.6 ounces	77.6 ounces	77.6 ounces	
Charge Adjustment Over Precharge Length (Oz / Ft)	.38	.38	.38	
Compressor Number and Type	1 Twin Rotary Inverter	1 Twin Rotary Inverter	1 Twin Rotary Inverter	
Net Weight (Lbs)	124.6	124.6	124.6	
Dimension W x H x D (Inch)	34 1/4 x 31 1/2 x 12 5/8	34 1/4 x 31 1/2 x 12 5/8	34 1/4 x 31 1/2 x 12 5/8	

Warranty: 5 years parts, 7 years compressor

Optional Accessories:

- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PDRYCB300 Third Party Thermostat Adapter Kit
- PRARS1 Auxiliary Heat Relay (requires PREMTB10U wired controller)

Kit For Low Ambient Cooling Operation			
Front Wind Guard	PAG-HS0	PAG-HS0	PAG-HS0
Rear / Side Wind Guard	PAG-HS2	PAG-HS2	PAG-HS2
Control Adapter	PQCA0	PQCA0	PQCA0

¹ Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

² All electrical wiring must comply with applicable local, provincial and national codes.



Ceiling Cassette

INVERTER V

18,000 - 24,000 BTU



PT-UMC1 Grille Required as Accessory

System	LC187HV 18,000 BTU	LC247HV 24,000 BTU
Energy Star		
Indoor Model	LCN187HV	LCN247HV
Outdoor Model ³	LUU187HV	LUU247HV
Capacity ¹ (BTU/hr) Rated Cooling / Heating	18,000 / 20,000	24,000 / 27,000
	At 0°C	23,280
	At -18°C	14,590
E.E.R.	15	12.6
S.E.E.R.	20	17
H.S.P.F.	10.1	9.7
Accessory Grille PT-UMC1 required, not included with indoor unit		
Grille Dimensions W x H x D (Inch) (Not Included)	37 13/32 x 1 x 37 13/32	37 13/32 x 1 x 37 13/32
Grille Net Weight (Lbs)	11	11
Indoor		
Unit Dimension W x H x D (Inch)	33 1/16 x 8 1/32 x 33 1/16	33 1/16 x 8 1/32 x 33 1/16
Unit Net Weight (Lbs)	452	452
Power Supply (Ø / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60
Connecting Wire Outdoor To Indoor ^{2,2} :	4 x minimum 18* (ground included) stranded, rated at 300V minimum ²	4 x minimum 18* (ground included) stranded, rated at 300V minimum ²
Controller	Wireless LCD Remote	Wireless LCD Remote
Controller Operating Range	Cooling 18 ~ 30°C (64 - 86°F) Heating 16 ~ 30°C (61 - 86°F)	18 ~ 30°C (64 - 86°F) 16 ~ 30°C (61 - 86°F)
WLAN Smart Phone Control	No	No
Air Flow Rate (cfm) Hi-Med-Low	565-494-424	600-530-459
Sound Pressure, Cooling (dBA) Hi-Med-Low	38-36-34	38-36-34
Condensate connection OD (Inch)	1 1/4	1 1/4
Built-in Condensate Pump	Yes	Yes
Condensate Pump Lift (inch)	31 1/2 from unit bottom	31 1/2 from unit bottom
Outdoor		
Operation Range	Cooling (DB) -15-48°C (5-118°F) Heating (WB) -18-18°C (0-64°F)	-15-48°C (5-118°F) -18-18°C (0-64°F)
Power Supply (Ø / V / Hz)	1 / 208-230 / 60	1 / 208-230 / 60
MOP	31.6	31.6
MCA	18.1	18.1
Minimum ~ Maximum Lineset Length (Ft)	10 ~ 164	10 ~ 164
Maximum Lineset Elevation (Ft)	100	100
Liquid Line Connection (Inch)	3/8	3/8
Gas Line Connection (Inch)	5/8	5/8
Refrigerant	R410A	R410A
Factory Charge (Oz) - Sufficient for 25' lineset	70.5 ounces	70.5 ounces
Charge Adjustment Over Precharge Length (Oz / Ft)	.43	.43
Compressor Number and Type	1 Twin Rotary Inverter	1 Twin Rotary Inverter
Net Weight (Lbs)	132.3	132.3
Dimension W x H x D (Inch)	37 13/32 x 32 27/32 x 13	37 13/32 x 32 27/32 x 13
Sound Pressure (dBA)	Cooling 48 Heating 52	48 52

Warranty: 5 years parts, 7 years compressor

Optional Accessories:

- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PRARHO Auxiliary Heat Relay (requires PREMTB10U wired controller)
- 3rd Party Thermostat Kit PDRYCB300

Kit For Low Ambient Cooling Operation		
Front Wind Guard	PAG-HS6	PAG-HS6
Rear / Side Wind Guard	pending	pending
Control Adapter	PQCA0	PQCA0

¹ Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

² All electrical wiring must comply with applicable local, provincial and national codes.

³ LUUxxxHV universal outdoor units are matched with both LHNxxxHV high-static horizontal air handler and LCNxxxHV ceiling cassette indoor units



Ceiling Cassette

INVERTER V 36,000 - 42,000 BTU



PT-UMC1 Grille Required as Accessory



System		LC367HV 36,000 BTU	LC427HV 42,000 BTU
Energy Star			
Indoor Model		LCN367HV	LCN427HV
Outdoor Model ³		LUU367HV	LUU427HV
Capacity ¹ (BTU/hr) Rated Cooling / Heating		36,000 / 40,000	42,000 / 47,000
	At 0°C	34,490	40,530
	At -18°C	18,370	20,170
E.E.R.		13.5	10.3
S.E.E.R.		19	17
H.S.P.F.		9.5	8.6
Accessory Grille PT-UMC1 required, not included with indoor unit			
Grille Dimensions W x H x D (Inch) (Not Included)		37 13/32 x 1 x 37 13/32	37 13/32 x 1 x 37 13/32
Grille Net Weight (Lbs)		11	11
Indoor			
Unit Dimension W x H x D (Inch)		33 1/16 x 11 11/32 x 33 1/16	33 1/16 x 11 11/32 x 33 1/16
Unit Net Weight (Lbs)		54.2	54.2
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
Connecting Wire Outdoor To Indoor ²² :		4 x minimum 18* (ground included) stranded, rated at 300V minimum ²	4 x minimum 18* (ground included) stranded, rated at 300V minimum ²
Controller			
Controller Operating Range		Wireless LCD Remote	Wireless LCD Remote
	Cooling	18 ~ 30°C (64 ~ 86°F)	18 ~ 30°C (64 ~ 86°F)
	Heating	16 ~ 30°C (61 ~ 86°F)	16 ~ 30°C (61 ~ 86°F)
WLAN Smart Phone Control		No	No
Air Flow Rate (cfm) Hi-Med-Low		1,060-989-918	1,060-989-918
Sound Pressure, Cooling (dBA) Hi-Med-Low		46-44-43	46-44-43
Condensate connection OD (Inch)		1 1/4	1 1/4
Built-in Condensate Pump		Yes	Yes
Condensate Pump Lift (inch)		31 1/2 from unit bottom	31 1/2 from unit bottom
Outdoor			
Operation Range		Cooling (DB) -15-48°C (5-118°F) Heating (WB) -18-18°C (0-64°F)	-15-48°C (5-118°F) -18-18°C (0-64°F)
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
MOP		43.1	41.6
MCA		24.7	24.1
Minimum ~ Maximum Lineset Length (Ft)		10 ~ 246	10 ~ 246
Maximum Lineset Elevation (Ft)		100	100
Liquid Line Connection (Inch)		3/8	3/8
Gas Line Connection (Inch)		5/8	5/8
Refrigerant		R410A	R410A
Factory Charge (Oz) - Sufficient for 25' lineset		119.9 ounces	119.9 ounces
Charge Adjustment Over Precharge Length (Oz / Ft)		.43	.43
Compressor Number and Type		1 Twin Rotary Inverter	1 Twin Rotary Inverter
Net Weight (Lbs)		202.8	202.8
Dimension W x H x D (Inch)		37 13/32 x 54 11/32 x 13	37 13/32 x 54 11/32 x 13
Sound Pressure (dBA)		Cooling 52 Heating 54	52 54

Warranty: 5 years parts, 7 years compressor

Optional Accessories:

- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PRARH0 Auxiliary Heat Relay (requires PREMTB10U wired controller)
- 3rd Party Thermostat Kit PDRYCB300

Kit For Low Ambient Cooling Operation		
Front Wind Guard	PAG-HS5	PAG-HS5
Rear / Side Wind Guard	PAG-HS4	PAG-HS4
Control Adapter	PQCA0	PQCA0

¹ Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

² All electrical wiring must comply with applicable local, provincial and national codes.

³ LUUxxxHV universal outdoor units are matched with both LHNxxxHV high-static horizontal air handler and LCNxxxHV ceiling cassette indoor units



High-Static Horizontal Air Handler

INVERTER V 24,000 & 36,000 BTU



LUU247HV

LUU367HV

System		LH247HV 24,000 BTU	LH367HV 36,000 BTU
Energy Star			
Indoor Model		LHN247HV	LHN367HV
Outdoor Model ³		LUU247HV	LUU367HV
Capacity ¹ (BTU/hr) Rated Cooling / Heating		24,000 / 27,000	36,000 / 40,000
	At 0°C	24,650	36,520
	At -18°C	19,400	28,740
E.E.R.		12	12.1
S.E.E.R.		17	17.6
H.S.P.F.		10	9.2
Indoor			
Dimension W x H x D (Inch)		46 17/32 x 11 23/32 x 17 23/32	48 7/16 x 14 31/32 x 23 7/32
Net Weight (Lbs)		72.8	124.6
Power Supply From Outdoor Unit (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
Connecting Wire Outdoor To Indoor ²² :		4 x minimum 18# (ground included) stranded, rated at 300V minimum	4 x minimum 18# (ground included) stranded, rated at 300V minimum
Controller		Wired Non-Programmable	Wired Non-Programmable
Controller Operating Range	Cooling	18 ~ 30°C (64 ~ 86°F)	18 ~ 30°C (64 ~ 86°F)
WLAN Smart Phone Control		No	No
	Heating	16 ~ 30°C (61 ~ 86°F)	16 ~ 30°C (61 ~ 86°F)
Air Flow Rate (cfm)	High (Factory Setting)	688	1130
	Medium	618	953
	Low	530	706
Static Pressure (Inches Water)		.39	.39
Sound Pressure, Cooling (dBA)	High	38	39
	Medium	36	38
	Low	35	37
Condensate Connection OD (Inch)		1 1/4	1 1/4
Built-in Condensate Pump		Yes	Yes
Built-in Condensate Sensor		Yes	Yes
Condensate Pump Lift (inch)		27 9/16 from unit bottom	27 9/16 from unit bottom
Outdoor			
Operation Range	Cooling (DB)	-15 ~ 48°C (5 ~ 118°F)	-15 ~ 48°C (5 ~ 118°F)
	Heating (WB)	-18 ~ 18°C (0 ~ 64°F)	-18 ~ 18°C (0 ~ 64°F)
Power Supply (Ø / V / Hz)		1 / 208-230 / 60	1 / 208-230 / 60
MOP		31.6	43.1
MCA		18.1	24.7
Minimum ~ Maximum Lineset Length (Ft)		10 ~ 164	10 ~ 246
Maximum Lineset Elevation (Ft)		100	100
Liquid Line Connection (Inch)		3/8	3/8
Gas Line Connection (Inch)		5/8	5/8
Refrigerant		R410A	R410A
Factory Charge (Oz) - Sufficient for 25' lineset		70.5 ounces	119.9 ounces
Charge Adjustment Over Precharge Length (Oz / Ft)		.43	.43
Compressor Number and Type		1 Twin Rotary Inverter	1 Twin Rotary Inverter
Net Weight (Lbs)		132.3	202.8
Dimension W x H x D (Inch)		37 13/32 x 32 27/32 x 13	37 13/32 x 54 11/32 x 13
Sound Pressure (dBA)	Cooling	48	52
	Heating	52	54

Warranty: 5 years parts, 7 years compressor

Optional Accessories:

- PREMTB10U programmable wired controller
- PZCWRG3 Group Control / Extension Wire
- PRARH0 Auxiliary Heat Relay (requires PREMTB10U wired controller)
- 3rd Party Thermostat Kit PDRYCB300

Kit For Low Ambient Cooling Operation

Front Wind Guard	PAG-HS6	PAG-HS5
Rear / Side Wind Guard	pending	PAG-HS4
Control Adapter	PQCA0	PQCA0

¹ Refer to the Engineering Manual for capacity charts at <http://LGcomfort.ca/en/engineering-resources.aspx>

² All electrical wiring must comply with applicable local, provincial and national codes.

³ LUUxxxHV universal outdoor units are matched with both LHNxxxHV high-static horizontal air handler and LCNxxxHV ceiling cassette indoor units



Packaged Terminal Air Conditioners

7,000-15,000 BTU/h

Ultra-quiet operation is the hallmark of LG's line of PTAC products. Low decibel levels and an outstanding sound-prevention rating make this your best choice for a quiet environment. And with efficiency ratings up to 13 EER and 3.6 COP, these units are also your energy efficient choice.

Other features include standard connections for remote thermostat and front desk controls. Gold Fin™ coil coating protects the coil from the corrosive effects of outside air and extends the operating life of PTAC models. And the industry standard 42" size makes installation easy and economical.



Available in cooling +
electric heat and heat pump +
electric heat models in
7, 9, 12 and 15,000 BTU sizes.



Digital Control Panel



Packaged Terminal Air Conditioners

PTAC Features & Benefits

Ventilation Filter

Polymeric mesh filter allows filtered outside air into the living space. Suitable for Hospitality, Health Care and Assisted Living applications.

Separate Indoor & Outdoor BLDC Motors*

Individual indoor & outdoor BLDC (Brushless Digitally-Controlled) motors allows the lowest sound rating in the industry while also promoting the proper airflow and the highest level of energy efficiency.

LG HIGH-EER PTAC:

- High-efficiency BLDC (Brushless Digitally-Controlled) indoor & outdoor fan motors.
- Larger, higher-efficiency indoor & outdoor coils.
- Reengineered compressor for higher efficiency



Digital Control Display Includes:

- **Temperature Display on Unit**
Precise and easy to use.
ADA compliant.
- **Cooling, Heating and Fan Modes**
One unit for all seasons.
- **Auto Restart**
Automatically restarts to programmed setting when the electricity comes on after a power failure.



Emergency Heat

(Heat pump models only) Bypasses compressor operation and activates the ceramic or coil heater during periods of extreme cold. Promotes high level of guest comfort.

Room Freeze Protection

Electronic temperature controls constantly monitor and maintain indoor temperature to prevent freezing while unoccupied and turned off.

1-year full system limited warranty, parts and labor. Limited warranty on unit for years 2-5: parts only, exclusive of the refrigeration system. Limited warranty on sealed refrigeration system: 5 years, parts and labor.



Defrost Control

(Heat pump models only)

Shuts down the indoor fan to prevent cold air from being blown into the room. Also removes frost from outdoor coil when the outdoor temperature is low.

Sensors

4 Sensors provide highly efficient operation and maximize guest comfort.

Pressure Control

Protects guests by shutting down the compressor on abnormal high pressure condition.

High-Efficiency Rotary Compressor

Re-engineered for 2013, it provides energy efficiency and maintenance-free operation.



Gold Fin™ Anti-Corrosion

Protects the unit from the corrosive effects of outside air and extends the operating life of PTAC models. LG's patented process is standard on ALL LG PTAC models.



Ceramic Heater

Uniform, stable and safe heating platform.

Power Cord

Included in 15A configuration for 7,000BTU models and 20A configuration for 9, 12 and 15,000BTU models (up to 3.5kW heater only)

Dip Switches

Increase flexibility and energy savings for operators with min-max temperature options and internal/remote thermostat.





Packaged Terminal Air Conditioners

7,000-15,000 BTU/h Digital Control (230/208V)



- C H**
LP073CD2B (H/C Model)
- LP093CD3B (H/C Model)
- LP123CD3B (H/C Model)
- LP153CD3B (H/C Model)

- C H**
LP073HD2B (Heat Pump Model)
- LP093HD3B (Heat Pump Model)
- LP123HD3B (Heat Pump Model)
- LP153HD3B (Heat Pump Model)

FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan mode
- Auto restart
- Digital temperature control
- Front desk control connection
- Dip switch settings
- Evaporator frost control
- Temperature display on unit
- Freeze room protection
- Pressure control
- Ceramic heater

System Includes:

- Wall unit
- Installation manual
- UL #: SA13362

* Specification can be changed without notification

System Model #	LP073CD2B	LP093CD3B	LP123CD3B	LP153CD3B	LP073HD2B	LP093HD3B	LP123HD3B	LP153HD3B
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance								
Capacity (BTU/h)	C 7,100/7,300	9,300/9,500	12,000/12,200	14,900/15,100	7,100/7,300	9,300/9,500	12,000/12,200	14,700/14,500
208 / 230V	H 8,200 / 8,600	10,500 / 11,900	10,500 / 11,900	10,500 / 11,900	8,200/8,600	10,500 / 11,900	10,500 / 11,900	12,100/11,900
Refrigerant	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
EER	13.3	12.7	11.9	11.2	13.3	12.9	11.9	9.4
Max. Air Circulation (CFM)	225/270	225/270	353/420	353/420	225/270	225/270	353/420	353/420
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	1.7	2.6	3.0	4.3	1.7	2.6	3.0	4.3
Indoor dB(A)*	45/43	46/44	50/48	51/49	45/43	46/44	50/48	51 / 49
Outdoor dB(A)*	61	61	63	64	61	61	63	64
STC	30	30	30	30	30	30	30	30
Electrical								
Rated Voltage	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1
Electric Heater (kW)	2.5	3.5	3.5	3.5	2.5	3.5	3.5	3.5
Circuit Breaker (A)	15	20	20	20	15	20	20	20
Dimension								
W x H x D (inches)	42x16x19 7/8	42x16x19 7/8	42x16x19 7/8	42x16x19 7/8	42x16x19 7/8	42x16x19 7/8	42x16x19 7/8	42x16x19 7/8
Weight (lbs.)	95	95	99	115	95	106	106	115
Thermostat Range								
Cooling/Heating (°F)**	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86

*LG verified sound rating

**Adjustable by temperature limiting with DIP switches on the unit.

1-year full system limited warranty, parts and labor. Limited warranty on unit for years 2-5: parts only, exclusive of the refrigeration system. Limited warranty on sealed refrigeration system: 5 years, parts and labor.



Packaged Terminal Air Conditioners

Parts & Accessories

Description	Model #	Description	Model #	Description	Model #
42" Wall Sleeve	AYSVB01A	Sub Base 30A 230/208V	AYSB2101A	Control Panel Key Lock	AYCP101
Architecture Grille - Aluminum	AYAGALA01A	Condensate Drain Kit	AYDR101	Built-in Control Cover Kit - 10 Pack	AYRE110
Sub Base 20A 230/208V	AYSB1101A	Leveling Legs	AYLL101	Replacement Filter - 10 Pack	AYFT110



42" Wall Sleeve
AYSVB01A



EMS/Front Desk Control Connection Kit
AYFD101



Architecture Grille - Aluminum
AYAGALA01A



Wireless PYRCUCC1HB
24V PTAC Thermostat



Hardwire Kit
AYHW101



Condensate Drain Kit
AYDR101



24V Wired PYRCUCA0B
PTAC Wired Thermostat

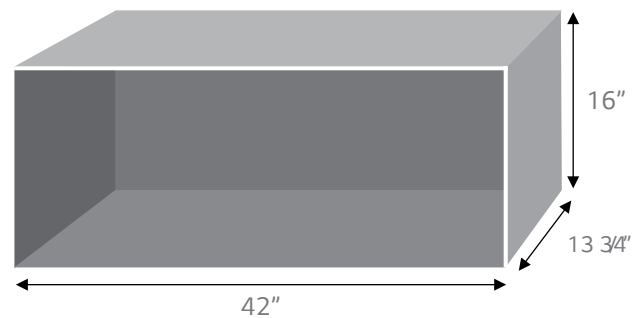
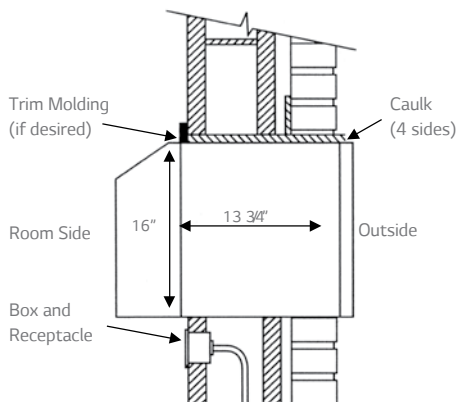


Leveling Legs
AYLL101



Replacement Filter 10-Pack
AYFT110

Installation • Quick Reference





NOTES

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For technical support on LG HVAC product call 866-543-8324

For general information, please contact your HVAC wholesale distributor.

www.LGcomfort.ca **www.LGptac.com**

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