



Ducted Solutions

Multi-Position Air Handling Unit, A-Coil, and Furnace



Why LG

Experience the LG Difference

LG is a global leader in HVAC, delivering high-quality heating and cooling solutions for homes and businesses. Whether it's a single-zone system for a homeowner or a large-scale commercial setup, LG provides reliable, energy-efficient options to keep spaces comfortable year-round.

Performance You Can Count On

From our industry-leading inverter technology to the powerful heating performance of **LGRED®**, our solutions are designed for superior performance, keeping homeowners comfortable in any season.

Flexible Solution

Every home and project is different, which is why LG offers a wide range of product types—including ducted, duct-free, and hybrid options in single and multi zone configurations. Whether it's a new build or a retrofit, there's an LG system that fits.

Energy Efficiency That Pays Off

Many LG units are ENERGY STAR® certified and may qualify for rebates, helping homeowners reduce upfront costs. Plus, with efficient operation, they can help lower energy bills over time.

Smart Connectivity

With Wi-Fi-enabled indoor units and the LG ThinQ® app, homeowners can control their comfort from anywhere. And for even more convenience, LG products work with Amazon Alexa® and Google Assistant™ for voice control.

A Brand Homeowners Trust

From appliances to entertainment, LG is a name people know and trust. That same commitment to innovation and quality extends to our HVAC solutions, delivering comfort and performance backed by a brand with a strong reputation.



LG's Multi-Position Air Handling Unit, A-Coil, and Furnace

LG's family of ducted products — including the Multi-Position Air Handling Unit, A-Coil, and Gas Furnace — provides year-round comfort potential and energy-conscious performance when properly installed and maintained, with flexible options for a wide range of homes and applications. Whether it's new construction or retrofit, these products are compatible with a variety of home configurations to support reliable operation.



Developed with both homeowners and contractors in mind, LG ducted solutions combine compact construction, quiet operation, and low-GWP refrigerants for energy-conscious comfort with straightforward installation and service features that save time on the job.

Efficiency & Performance:

- **Inverter Technology:** Helps optimize energy use for consistent temperature control.
- **Cold Climate Capabilities:** Select outdoor units maintain 100% heating capacity down to 5 °F and reliable operation down to -13 °F.
- **Dual-Fuel Ready:** A-Coils and furnaces pair with LG Inverter Heat Pumps for efficient operation across variable outdoor conditions.
- **Quiet Comfort:** Advanced fan design and constant-airflow motors helps reduce sound levels while keeping airflow steady.

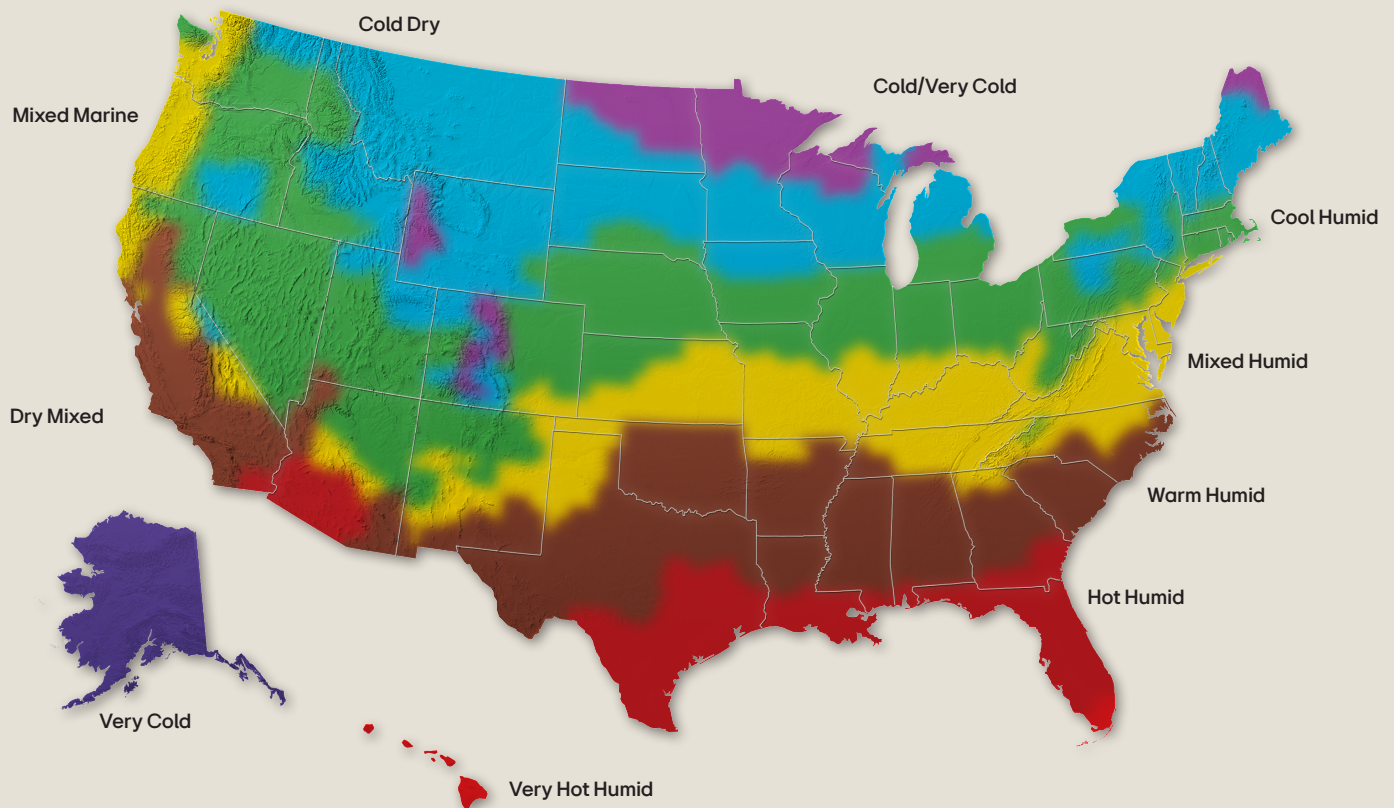
Smart and Flexible Design

- **Multi-Position Installation:** Upflow, downflow, and horizontal configurations adapt to a variety of applications.
- **Compact Options:** Space-saving A-Coil widths and low-profile furnace cabinets make fitting tight spaces easier without sacrificing performance.
- **Connected Control:** Select Air Handler models offer LG ThinQ® app integration and voice control with Alexa® and Google Assistant™.

Sustainability & Cost Savings

- **High Efficiency Models:** 80% and 96% AFUE furnace options, plus ENERGY STAR®-qualified systems, help reduce energy use and utility bills, depending on location and program requirements.
- **Rebate Eligibility:** Many LG ducted solutions may qualify for tax credits, utility rebates, and incentives depending on location and program rules.
- **Low-GWP Refrigerants:** Multi-Position Air Handler and A-Coil units use R-32 refrigerant for reduced environmental impact.

U.S. Climate Zones



Based on: Climate Zone Map from IECC 2021

North Options

- **Heat Pump** - **LGRED°** Select models provide 100% heating capacity down to 5 °F and reliable operation down to -13 °F
- **Heat Pump** - **LGRED°** + Electric Heater
- **Dual Fuel** - **LGRED°** + A-Coil added onto a current gas furnace
- **Dual Fuel** - **LGRED°** + A-Coil / Furnace

South Options

- **Heat Pump** - High Efficiency Multi-Position Air Handling Units
- **Dual Fuel** - High Efficiency Heat Pump + A-Coil + existing Furnace
- **Heat Pump** - Contractor Value (CV) Multi-Position Air Handling Unit
- **Dual Fuel** - Contractor Value (CV) A-Coil + existing Furnace
- **Dual Fuel** - Contractor Value (CV) A-Coil + Furnace

Multi-Position Air Handling Unit

The LG Multi-Position Air Handling Unit (MPAHU), an essential component of our advanced inverter heat pump solution, provides a single source for both heating and cooling needs. This versatile unit can replace traditional furnaces and offers flexible installation options, making it ideal for both new and retrofit construction.

Innovative Coil Design: The factory-built indoor unit coils feature aluminum fins mechanically bonded to copper tubing, helping ensure efficient heat transfer. The factory pressure tests at least two coils and installs a condensate pan to provide reliability and performance.

Durable Casing: Constructed from 22-gauge metal with a high-gloss baked enamel finish, the casing is designed to be concealed behind a wall or above a finished ceiling. It includes 1/2-inch polystyrene fiber insulation on cold surfaces and access panels, reinforced foil-faced covering, and gasket seals to minimize air leaks.

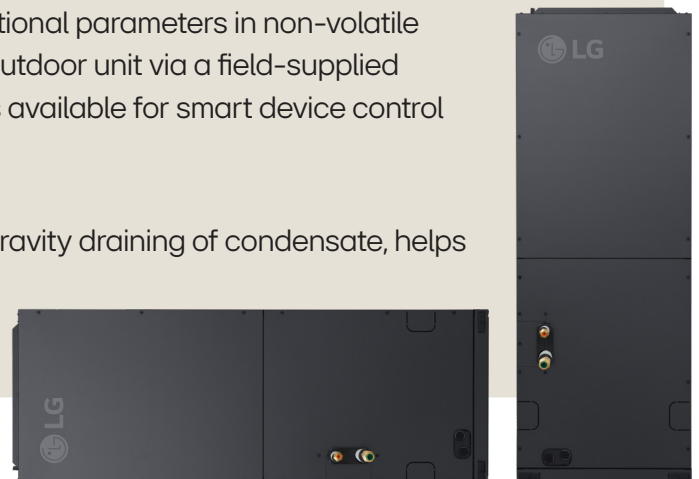
Flexible Airflow Configurations: Capable of operating in vertical upflow, vertical downflow, horizontal left discharge, or horizontal right discharge configurations, this unit meets diverse installation needs. Vertical downflow operation requires an optional conversion kit, and the unit can also accommodate an internal LG electrical strip heater.

Advanced Fan Assembly and Control: The integral fan assembly features galvanized steel housing and a forward curve fan wheel, driven by an BLDC (Brushless Digitally Controlled) fan for constant cubic feet per minute (CFM) delivery regardless of external static pressure. The fan speed is microprocessor-controlled with Low, Med, High, and Auto settings for both cooling and heating modes, ensuring optimal performance.

Efficient Filter Assembly: The unit includes a filter rack designed to hold a standard filter, with a guide for centering filters and front access for easy maintenance.

Microprocessor Control and Connectivity: An integrated control board ensures communication with the outdoor unit, storing all operational parameters in non-volatile memory. The control board can be connected to the outdoor unit via a field-supplied communication cable, and an optional Wi-Fi module is available for smart device control using the LG ThinQ® app.

Effective Condensate Management: Designed for gravity draining of condensate, helps provide efficient moisture management.



Multi-Position Air Handling Unit



LG ThinQ®: Control and monitor from anywhere, anytime*

Connectivity of Third-Party Accessories: Embedded 24V transformer for easy integration

Slide-Out Fan: Easy fan motor replacement for faster maintenance

Embedded EEV: Integrated electronic expansion valve in both indoor and outdoor units

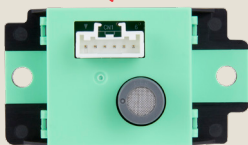
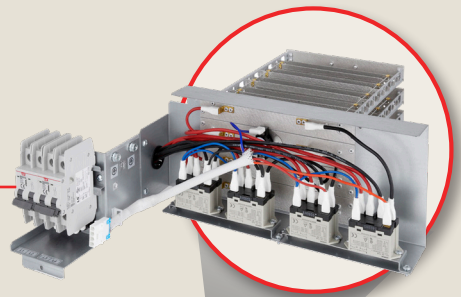
Improved Drain Hole: Compatible with U-trap drain hoses for better drainage

Tool-Free Filter Access: Quick and easy filter replacement, no screws needed

R-32 Refrigerant Leakage Detector Embedded: Built-in refrigerant monitoring

Embedded Circuit Breaker: No extra circuit breaker needed for electric heater

Various Heater Control: Adjusts heating automatically based on weather conditions



Smart, Quiet, and Flexible Comfort

The LG Multi-Position Air Handling Unit is designed to meet modern needs. With ThinQ™ technology, users can easily control and monitor the unit remotely from anywhere at any time*, providing maximum flexibility. Its innovative fan design contributes to quiet operation, making it ideal for quiet spaces. The sleek, stylish appearance adds a contemporary touch, allowing the unit to blend nicely into the home. This air handler prioritizes energy efficiency and reliability, featuring airtight construction that meets California Title 24 air leakage standards. With strong duct performance and a static pressure of 1 in. W.G., it delivers consistent airflow. The additional duct installation space simplifies the setup process. Furthermore, the four-way multi-position flexibility offers a variety of installation options, making this product an excellent choice for nearly any application.



Flexible Setup

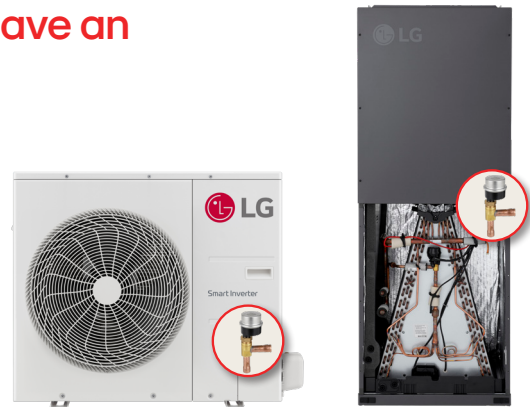
The LG Multi-Position Air Handling Unit features convertible vertical upflow, downflow, or horizontal air distribution, allowing for flexible installation. With this four-way configurable unit, homeowners who prefer traditional ducted infrastructure can still benefit from inverter technology. Contractors can install it in a way that best suits the application. Downflow kit required for downflow installation.

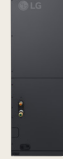


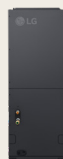
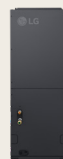
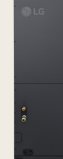
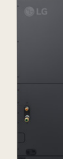
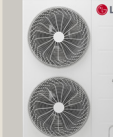
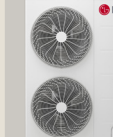
Both the outdoor unit and indoor unit have an Electronic Expansion Valve (EEV)

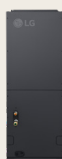
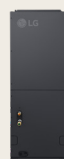
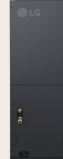
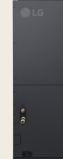
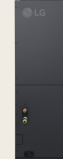
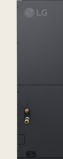
Optimized performance and energy saving

The enhanced Multi-Position Air Handling Unit includes Electronic Expansion Valves (EEV). EEVs in both the outdoor and Air Handling Units improve the system's efficiency and precision in temperature control, leading to optimized performance and potential energy savings.



Capacity	12 kBtu/h	18 kBtu/h	24 kBtu/h	30 kBtu/h	36 kBtu/h	42 kBtu/h	48 kBtu/h
Indoor Unit	KNSLB121A	KNSLA181A	KNSLA241A	KNSLA301A	KNSLA361A	KNSLB421A	KNSLB481A
 							
Outdoor Unit LGRED°	KUSXA121A	KUSXA181A	KUSXA241A	KUSXA301A	KUSXA361A	KUSXA422A	KUSXA482A
							

Capacity	12 kBtu/h	18 kBtu/h	24 kBtu/h	30 kBtu/h	36 kBtu/h	42 kBtu/h	48 kBtu/h	60 kBtu/h
Indoor Unit	KNSLB121A	KNSLB181A	KNSLB241A	KNSLB301A	KNSLB361A	KNSLB421A	KNSLB481A	KNSLB601A
 								
Outdoor Unit High Efficiency	KUSXB121A	KUSXB181A	KUSXB241A	KUSXB301A	KUSXB361A	KUSXB421A	KUSXB481A	KUSXB601A
								

Capacity	18 kBtu/h	24 kBtu/h	30 kBtu/h	36 kBtu/h	42 kBtu/h	48 kBtu/h	60 kBtu/h
Indoor Unit	KNSLE182A	KNSLE242A	KNSLE302A	KNSLE362A	KNSLE422A	KNSLE482A	KNSLE602A
							
Outdoor Unit Contractor Value (CV)	KUSXE181A	KUSXE241A	KUSXE301A	KUSXE361A	KUSXE421A	KUSXE481A	KUSXE601A
							

ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) created to promote energy-efficient products and practices. The ENERGY STAR® logo helps homeowners identify which products meet energy efficiency performance levels set by U.S. EPA and U.S. DOE. Proper sizing and Installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.

Select LG air conditioning systems may make homeowners eligible for equipment-related tax benefits and credits. Visit <https://lghvac.com/homeowners-resources/rebates-incentives/> to see if your LG Air Conditioning System qualifies.

For the most up-to-date list of ENERGY STAR® models, visit the AHRI Directory at ahridirectory.org.

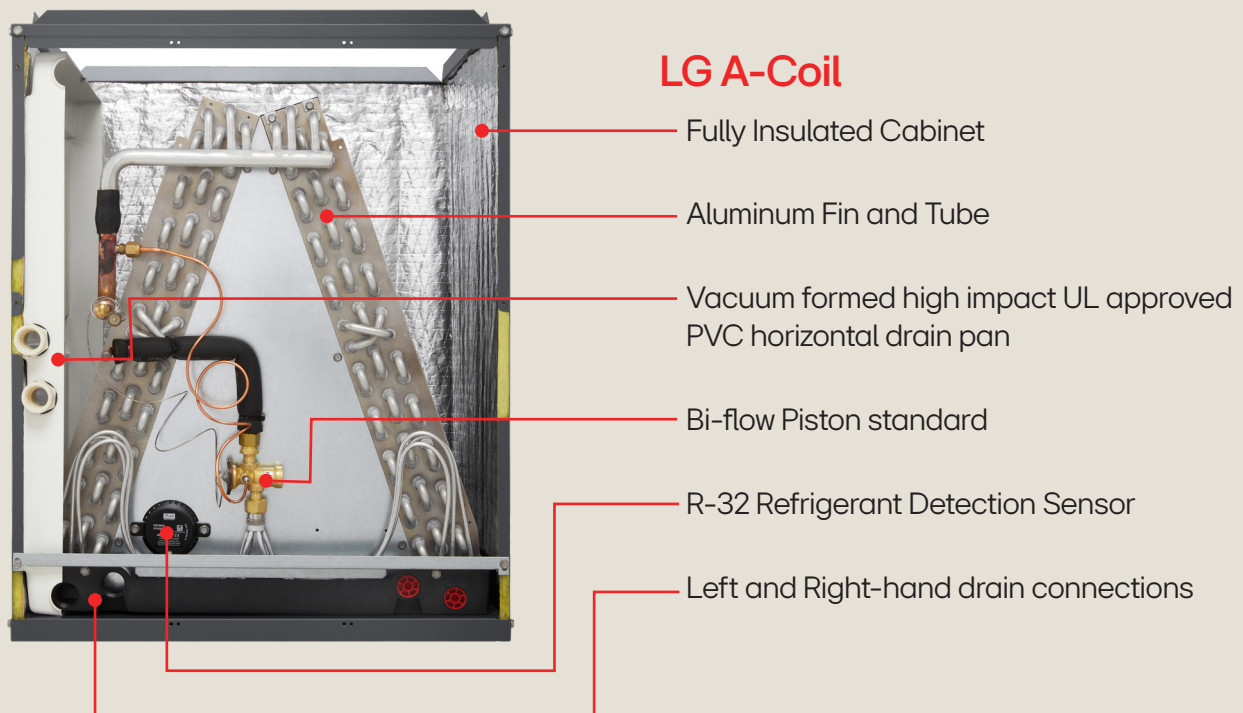


LG A-Coil

Upgrade your home's heating and cooling system with the LG A-Coil. Designed for efficient performance, easy installation, and long-term reliability, the LG A-Coil is compatible with existing gas furnaces and optimizes comfort in any climate. With multi-position installation and AHRI-rated efficiency, the LG A-Coil delivers year-round comfort while supporting a dual-fuel system for reduced fossil fuel use and lower emissions. Its built-in Thermal Expansion Valve (TXV) and R-32 refrigerant detection sensor enhance performance.

The LG A-Coil features a compact, low-height design, making it a space-saving option for various installations. It works with both standard and **LGRED°** outdoor units, giving homeowners flexible options based on their climate needs. For those in colder regions, **LGRED°** outdoor units deliver high-performance heating even in extreme cold temperatures, providing reliable comfort in sub-zero conditions.

With AHRI certification and compatibility with high Annual Fuel Utilization Efficiency (AFUE) rated gas furnaces, the LG A-Coil helps homeowners achieve optimal heating performance and potential energy savings.

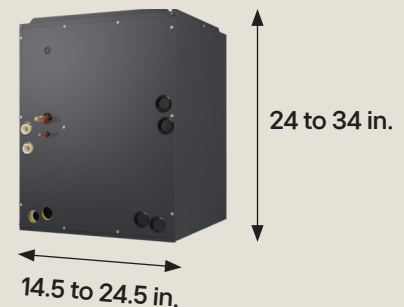


Key Features:

- **Compact, Space-Saving Design:** Low height for easier installation in tight spaces.
- **Flexible Installation:** Supports upflow, downflow, and horizontal configurations.
- **Energy Efficient:** AHRI-rated for compatibility with heat pump systems.
- **LGRED° Compatibility:** Works with LGRED° outdoor units for reliable cold-climate heating.
- **Cost Savings:** Works with existing gas furnaces, reducing upgrade costs.
- **Reliable Performance:** Features a durable aluminum coil for long-lasting operation.
- **Smart Design:** Includes a built-in Thermal Expansion Valve (TXV) and plenum flange.
- **Sustainable Comfort:** Supports dual-fuel systems for lower gas usage and reduced emissions.
- **AHRI Certified and AFUE Compatible:** Works with high-AFUE rated gas furnaces to maximize heating efficiency.
- **Potential ENERGY STAR® Qualification:** Select models may qualify for ENERGY STAR® or ENERGY STAR® Cold Climate, depending on specifications.

Size and Positioning:

LG's high efficiency Multi-Position A-Coil and cabinet is designed to be installed with any gas furnace. The LG A-Coil's compact design makes installation easier, especially in tight spaces. With a height range of 24 to 34 inches, it provides more flexibility for a variety of applications without sacrificing performance.



Flexible Installation:

Designed for versatility, our unit can be installed in either a vertical or horizontal configuration to fit your space. The A-Coil supports vertical up-flow, down-flow, or horizontal air distribution, ensuring seamless integration into any home layout.



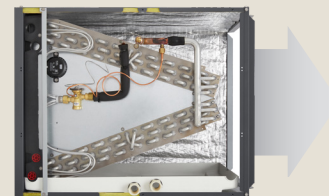
Vertical
Upflow



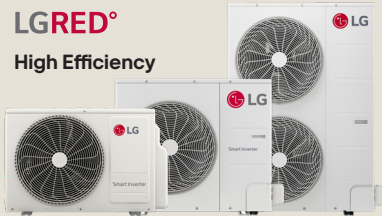
Vertical
Downflow



Horizontal
Left



Horizontal
Right



Capacity (kBtu/h)		18		24		30	36		42	48		60		
Size		14.5"	17.5"	17.5"	17.5"	17.5"	17.5"	21"	21"	21"		24.5"	21"	24.5"
LGRED®	Indoor Unit	LKMMMA18A1	LKMMMA18B1	LKMMMA24B1	LKMMMA24B1	LKMMMA30B1	LKMMMA36B1	LKMMMA36C1	LKMMMA42C1	LKMMMA48C1		LKMMMA48D1	-	-
	Outdoor Unit	KUSXA181A	KUSXA181A	KUSXA241A	KUSXA301A	KUSXA301A	KUSXA361A	KUSXA361A	KUSXA422A	KUSXA482A		KUSXA482A	-	-
	ENERGY STAR® North	✓✓	✓✓	-	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓		✓✓	-	-
	ENERGY STAR® South	✓	✓	-	✓	✓	✓	✓	✓	✓		✓	-	-
High Efficiency	Indoor Unit	LKMMMA18A1	LKMMMA18B1	LKMMMA24B1		LKMMMA30B1	LKMMMA36B1	LKMMMA36C1	LKMMMA42C1	LKMMMA48C1	LKMMMA48C1	LKMMMA48D1	LKMMMA60C1	LKMMMA60D1
	Outdoor Unit	KUSXB181A	KUSXB181A	KUSXB241A		KUSXB301A	KUSXB361A	KUSXB361A	KUSXB421A	KUSXB481A	KUSXB601A	KUSXB481A	KUSXB601A	KUSXB601A
	ENERGY STAR® North	-	-	✓✓		-	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	-
	ENERGY STAR® South	-	✓	✓		-	✓	✓	✓	-	✓	-	-	-
CV	Indoor Unit	LKMMMA18A1	-	LKMMMA24B1		-	LKMMMA36B1	LKMMMA36C1	LKMMMA42C1	LKMMMA48C1		LKMMMA48D1	LKMMMA60C1	LKMMMA60D1
	Outdoor Unit	KUSXE241A	-	KUSXE241A		-	KUSXE361A	KUSXE361A	KUSXE481A	KUSXE481A		KUSXE481A	KUSXE601A	KUSXE601A
	ENERGY STAR® North	-	-	-		-	-	-	-	-	-	-	-	-
	ENERGY STAR® South	-	-	-		-	-	-	-	-	-	-	-	-



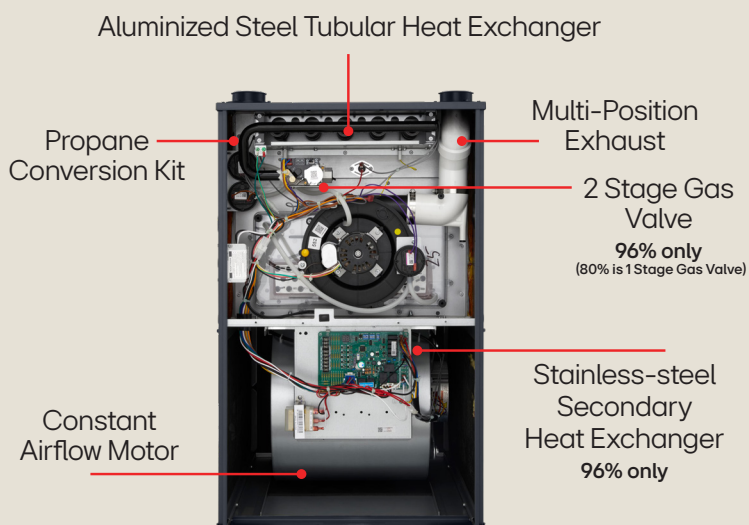
ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) created to promote energy-efficient products and practices. The ENERGY STAR® logo helps homeowners identify which products meet energy efficiency performance levels set by U.S. EPA and U.S. DOE. Proper sizing and Installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.

Select LG air conditioning systems may make homeowners eligible for equipment-related tax benefits and credits. Visit <https://lghvac.com/homeowners-resources/rebates-incentives/> to see if your LG Air Conditioning System qualifies.

For the most up-to-date list of ENERGY STAR® models, visit the AHRI Directory at ahridirectory.org.

LG Furnace

The LG furnace delivers rated heating performance with efficiency levels of 80% and 96% AFUE as certified under DOE test procedures. Its durable and compact cabinet construction and dual-fuel compatibility make it a smart choice for homeowners, while straightforward installation and service features are intended to help contractors work efficiently.



Efficient Performance

- 80% and 96% AFUE efficiency options as rated per DOE standards
- Advanced ECM constant-airflow motors for consistent air delivery and energy-efficient operation
- Even airflow helps reduce temperature fluctuations throughout the home when properly installed

Reliable Operation

- Hot-surface ignition for consistent startup
- Durable aluminized steel primary heat exchanger
- Stainless-steel secondary heat exchanger on 96% model for long-lasting performance under normal operating conditions

Dual-Fuel Advantage

- Pairs with LG Inverter Heat Pumps and low-GWP A-Coils
- Automatically switches between furnace and heat pump based on system controls and settings
- Provides comfort in both mild and extreme weather conditions

Compact Design

- Low-profile cabinet: 28-½" deep x 33-¾" high
- Multi-position installation: upflow, horizontal, and downflow (80% only)
- Consistent cabinet dimensions simplify planning and installation

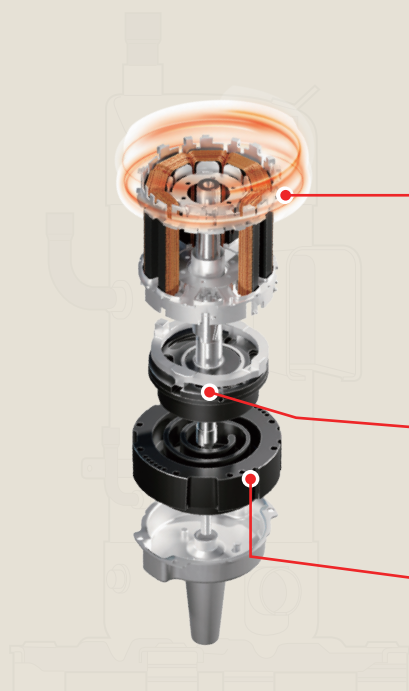
Simplified Service

- Factory-supplied natural gas to propane conversion kit
- Built-in pressure port doubles as diagnostic tool
- Collector box and secondary exchanger manage gases and condensate efficiently



LG's Advanced Outdoor Unit Technology

R1 Compressor™ technology, in select models, offers advanced efficiency, reliability, and operational range due in part to the enhanced tilting motion of the scroll.



Extended operation range (max. 135Hz)

Note: Hz varies by model



Centrifugal oil return and oil separating guide for oil discharge reduction



Shaft-through structure and support both ends of shaft

- Solid compressor operation assuring higher durability



Bottom compression and simple structure

- Lower noise & vibration
- Less weight
- Superior reliability

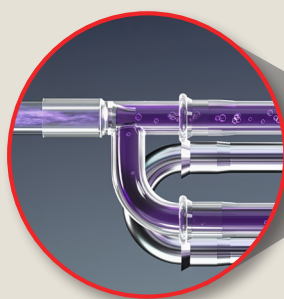
Highly Efficient Heating and Cooling

The LG Inverter Heat Pump delivers high-efficiency heating and cooling, using inverter compressors to optimize refrigerant flow and reduce energy consumption, even in extreme temperatures. With a wide operating range and a low-sound design, it enhances comfort while maintaining a smaller footprint than traditional unitary outdoor units.

The LG R1 Compressor stands out as a breakthrough in HVAC technology, merging the benefits of both scroll and rotary compressors for enhanced efficiency, durability, and performance. Its shaft-through structure minimizes internal pressure loss, while its hybrid scroll design optimizes energy use and reduces noise. The variable-speed operation ensures precise performance adjustments, leading to potential energy savings. Additionally, the bottom compression design improves oil circulation, enhancing long-term reliability.

LG's Smart Injection is a proprietary technology that optimizes refrigerant phase management for superior heating performance. Unlike traditional Vapor Injection, which injects refrigerant vapor mid-cycle to boost output in extreme cold, Smart Injection separates gaseous refrigerants from the heat exchanger, so that only denser liquid-phase refrigerant enters the compressor. This increases refrigerant flow density without adding extra workload to the compressor, leading to higher heating capacity and better efficiency.

When paired with some **LGRED°** models, Heat Technology delivers 100% heating capacity at 5 °F and reliable operation down to -13 °F. LG's outdoor HVAC units set a new standard for cold-climate performance. **LGRED°** ensures that heating remains powerful and efficient even in extreme temperatures, making it ideal for homeowners in harsh winter conditions. By integrating the R1 Compressor, Smart Injection, Vapor Injection, and **LGRED°** Heat Technology, LG's outdoor HVAC units ensure heating in extreme cold, potential energy savings without sacrificing power, and quieter operation compared to traditional systems. The result is an HVAC solution that delivers efficiency, reliability, and comfort, making LG a top choice for homeowners seeking cutting-edge in heating and cooling technology.



LG's Smart Injection



LG's R1 Compressor

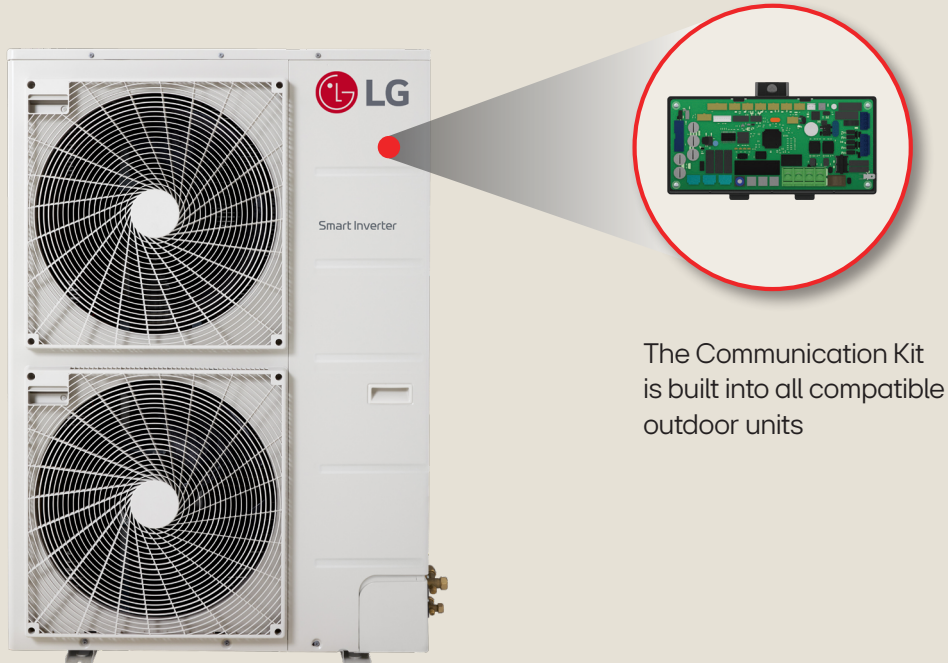
Note: Not all models include Smart Injection, Vapor Injection or the R1 Compressor.



Embedded Communication Kit

The A-Coil Embedded Communication Kit enables coordination between the A-Coil, gas furnace, and heat pump, creating a true dual-fuel system. Built into all compatible outdoor units, the kit continuously monitors environmental conditions via the outdoor unit and system performance to determine whether the gas furnace or heat pump is the most efficient heating source at any given time. This intelligent operation brings energy efficiency, enhances comfort, and ensures seamless performance.

- **Embedded:** The Communication Kit is built into all compatible outdoor units.
- **Compatibility:** Connects easily to your existing gas furnace.
- **Cost Savings:** No need to purchase extra accessories.
- **Convenience:** Saves installation space with an embedded design.





LG ThinQ®

Whenever, wherever, and no matter how many HVAC units you have, LG ThinQ® lets you easily access and control your heating and cooling solution from your compatible smart device*.

Using Wi-Fi, LG ThinQ® links smart products together so that they can work in unison to make your home smarter and more connected. The LG ThinQ® app allows you to control the comfort of each individual area of the home without sacrificing efficiency. Its Smart Diagnosis™ function allows you to troubleshoot problems. Additionally, you can receive maintenance alerts to wash each indoor unit filter based on an established schedule. You can also connect to both Amazon Alexa® and Google Assistant™ for voice-activated convenience.

New levels of control and convenience simplify everyday life and free up time so that you can stay focused on what matters.



*Requires Internet, Wi-Fi, or cellular access.

Specification Tables

Multi-Position Air Handling Unit



Specification			12 kBtu/h	18 kBtu/h	24 kBtu/h	30 kBtu/h
System			KSSLB121A	KNSLB181A	KNSLB241A	KSSLB301A
Indoor Unit			KNSLB121A	KNSLB181A	KNSLB241A	KNSLB301A
Outdoor Unit			KUSXB121A	KUSXB181A	KUSXB241A	KUSXB301A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	4,200~12,000~15,000	7,200~18,000~24,000	9,600~23,200~30,000	12,000~27,000~32,500
	Heating Capacity (Min~Rated~Max)	Btu/h	6,000~15,000~18,000	8,000~20,000~24,000	10,800~27,000~30,000	13,600~34,000~36,600
	Max Heating Capacity at 17 °F	Btu/h	13,100	23,000	25,000	31,500
	Max Heating Capacity at 5 °F	Btu/h	10,500	22,000	22,000	30,000
	Max Heating Capacity at -4 °F	Btu/h	10,000	20,000	21,000	26,000
	SEER2		16.20	17.50	17.50	17.00
	EER2		12.20	13.50	12.00	11.70
	HSPF2		9.50	10.00	9.70	9.60
COP at 47°F			3.82	3.86	3.60	3.70
Power	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	0.45~0.99~1.50	0.45~1.33~3.25	0.58~1.93~3.26	0.72~2.31~2.58
	Heating Power Input (Min~Rated~Max)	kW	0.40~1.15~1.93	0.50~1.52~2.37	0.65~2.20~3.11	0.80~2.69~3.50
	MCA / MOP (ODU)	A	13.4 / 30	16.0 / 30	16.0 / 30	19.1 / 35
	Power Supply Wiring (ODU)	No. x AWG	3 x 12	3 x 12	3 x 12	3 x 10
	Power / Com Wiring (ODU to IDU)	No. x AWG	3 x 14 / 2 x 18	3 x 14 / 2 x 18	3 x 14 / 2 x 18	3 x 14 / 2 x 18
	Rated Amps	A	2.8	2.8	2.8	3.4
Operation Range	ODU Operation Range Cooling	°F WB	5 to 118	5 to 118	5 to 118	5 to 118
	ODU Operation Range Heating	°F DB	-4 to 64	-4 to 64	-4 to 64	-4 to 64
Dimensions	IDU Dimensions (W x H x D)	in	18 x 48 ^{-21/32} x 21 ^{-3/8}	18 x 48 ^{-21/32} x 21 ^{-3/8}	18 x 48 ^{-21/32} x 21 ^{-3/8}	21 x 55 ^{-3/8} x 21 ^{-3/8}
	ODU Dimensions (W x H x D)	in	30 ^{-5/8} x 21 ^{-5/32} x 11 ^{-11/32}	37 ^{-13/32} x 32 ^{-21/32} x 13	37 ^{-13/32} x 32 ^{-21/32} x 13	37 ^{-13/32} x 32 ^{-21/32} x 13
Weight	IDU Weight (Net / Shipping)	lbs	116 / 129	116 / 129	116 / 129	139 / 154
	ODU Weight (Net / Shipping)	lbs	75.0 / 79.4	136 / 154.3	136 / 154.3	141.1 / 159.4
Unit Data	Airflow Rate Cooling (H / M / L)	CFM	500 / 460 / 420	600 / 510 / 440	800 / 700 / 580	875 / 750 / 630
	Airflow Rate Heating (H / M / L)	CFM	500 / 460 / 420	600 / 510 / 440	800 / 700 / 580	875 / 750 / 630
	Dehumidification	pts/hr	1.27	2.75	4.23	5.6
	Compressor Type		Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1	R1 Scroll x 1
	Refrigerant Type		R-32	R-32	R-32	R-32
Sound Pressure	Outdoor Max (Cool / Heat)	dB(A)	49 / 52	48 / 52	48 / 52	52 / 54
Piping	Liquid Pipe (Connection / Pipe Size)	in	1/4 Flare / 1/4 Flare	3/8 Flare / 3/8 Flare	3/8 Flare / 3/8 Flare	3/8 Flare / 3/8 Flare
	Vapor Pipe (Connection / Pipe Size)	in	3/8 Flare / 3/8 Flare	5/8 Flare / 5/8 Flare	5/8 Flare / 5/8 Flare	5/8 Flare / 5/8 Flare
	Pipe Length (Min / Max)	ft	16.4 / 65.6	16.4 / 65.6	16.4 / 65.6	16.4 / 164
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6	24.6
	Max Pipe Elevation	ft	49.2	98.4	98.4	98.4
	Pre Charge	Oz	38.8	67	67	67
	Additional Refrigerant	oz/ft	0.22	0.38	0.38	0.38
Condensation Line (OD, ID)			in	1-1/4 / 1	1-1/4 / 1	1-1/4 / 1
ENERGY STAR® / Cold Climate			Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

Multi-Position Air Handling Unit

Specification			36 kBtu/h	42 kBtu/h	48 kBtu/h	60 kBtu/h
System			KSSLB361A	KSSLB421A	KSSLB481A	KSSLB601A
Indoor Unit			KNSLB361A	KNSLB421A	KNSLB481A	KNSLB601A
Outdoor Unit			KUSXB361A	KUSXB421A	KUSXA481A	KUSXB601A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	14,400~33,000~39,000	17,000~42,000~48,000	18,000~45,500~53,000	20,500~52,500~60,500
	Heating Capacity (Min~Rated~Max)	Btu/h	16,000~40,000~43,000	18,000~46,000~51,800	19,000~50,000~54,000	21,500~56,500~61,000
	Max Heating Capacity at 17 °F	Btu/h	37,000	42,000	43,000	53,000
	Max Heating Capacity at 5 °F	Btu/h	33,000	38,500	38,500	45,000
	Max Heating Capacity at -4 °F	Btu/h	27,000	34,000	36,000	41,000
	SEER2		17.50	18.00	18.00	17.50
	EER2		11.80	11.70	11.70	12.00
	HSPF2		9.50	9.50	9.40	9.40
COP at 47°F			3.55	3.66	3.66	3.78
Power	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	1.00~2.80~3.60	1.35~3.59~5.30	1.40~3.89~6.0	1.60~4.38~6.85
	Heating Power Input (Min~Rated~Max)	kW	1.02~3.30~4.48	1.45~4.01~5.17	1.50~4.00~5.39	1.84~4.38~6.62
	MCA / MOP (ODU)	A	32.0 / 35	32.0 / 40	32.0 / 40	32.0 / 40
	Power Supply Wiring (ODU)	No. x AWG	3 x 10	3 x 10	3 x 10	3 x 10
	Power / Com Wiring (ODU to IDU)	No. x AWG	3 x 14 / 2 x 18	3 x 14 / 2 x 18	3 x 14 / 2 x 18	3 x 14 / 2 x 18
	Rated Amps	A	3.4	3.4	3.4	6.3
Operation Range	ODU Operation Range Cooling	°F WB	5 to 118	5 to 118	5 to 118	5 to 118
	ODU Operation Range Heating	°F DB	-4 to 64	-4 to 64	-4 to 64	-4 to 64
Dimensions	IDU Dimensions (W x H x D)	in	21 x 55~ ³ / ₁₆ x 21~ ³ / ₈	21 x 55~ ³ / ₁₆ x 21-3	21 x 55~ ³ / ₁₆ x 21-3	25 x 55~ ³ / ₁₆ x 21~ ³ / ₈
	ODU Dimensions (W x H x D)	in	37~ ¹ / ₃₂ x 32~ ² / ₃₂ x 13	37~ ¹ / ₃₂ x 32~ ² / ₃₂ x 13	37~ ¹ / ₃₂ x 54~ ¹ / ₃₂ x 13	37~ ¹ / ₃₂ x 54~ ¹ / ₃₂ x 13
Weight	IDU Weight (Net / Shipping)	lbs	139 / 154	146 / 160	146 / 160	153 / 169
	ODU Weight (Net / Shipping)	lbs	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3
Unit Data	Airflow Rate Cooling (H / M / L)	CFM	1,050 / 980 / 900	1,225 / 1,100 / 1,000	1,400 / 1,200 / 1,070	1,750 / 1,575 / 1,400
	Airflow Rate Heating (H / M / L)	CFM	1,050 / 980 / 900	1,225 / 1,100 / 1,000	1,400 / 1,200 / 1,070	1,750 / 1,575 / 1,400
	Dehumidification	pts/hr	717	79	8.06	910
	Compressor Type		R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1
	Refrigerant Type		R-32	R-32	R-32	R-32
Sound Pressure	Outdoor Max (Cool / Heat)	dB(A)	52 / 54	54 / 56	54 / 56	54 / 56
Piping	Liquid Pipe (Connection / Pipe Size)	in	³ / ₈ Flare / ³ / ₈ Flare	³ / ₈ Flare / ³ / ₈ Flare	³ / ₈ Flare / ³ / ₈ Flare	³ / ₈ Flare / ³ / ₈ Flare
	Vapor Pipe (Connection / Pipe Size)	in	⁵ / ₈ Flare / ⁵ / ₈ Flare	⁵ / ₈ Flare / ⁵ / ₈ Flare	⁵ / ₈ Flare / ⁵ / ₈ Flare	³ / ₄ Flare / ³ / ₄ Flare
	Pipe Length (Min / Max)	ft	16.4 / 246	16.4 / 246	16.4 / 246	16.4 / 246
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6	24.6
	Max Pipe Elevation	ft	98.4	98.4	98.4	98.4
	Pre Charge	Oz	106	106	106	120
	Additional Refrigerant	oz/ft	0.43	0.43	0.43	0.43
	Condensation Line (OD, ID)	in	1~ ¹ / ₄ / 1	1~ ¹ / ₄ / 1	1~ ¹ / ₄ / 1	1~ ¹ / ₄ / 1
ENERGY STAR® / Cold Climate			Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes

Multi-Position Air Handling Unit with LGRED°



Specification			12 kBtu/h	18 kBtu/h	24 kBtu/h	30 kBtu/h
System Indoor Unit Outdoor Unit LGRED°			KSSLA121A	KSSLA181A	KSSLA241A	KSSLA301A
			KNSLB121A	KNSLA181A	KNSLA241A	KNSLA301A
			KUSXA121A	KUSXA181A	KUSXA241A	KUSXA301A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	5,000~12,500~17,500	7,200~18,000~24,800	9,600~24,000~30,000	12,000~30,000~36,000
	Heating Capacity (Min~Rated~Max)	Btu/h	6,000~15,000~19,500	8,000~20,000~27,000	10,800~27,000~36,000	13,600~34,000~40,800
	Max Heating Capacity at 17 °F	Btu/h	16,300	26,000	28,000	36,000
	Max Heating Capacity at 5 °F	Btu/h	15,000	25,000	25,000	33,000
	Max Heating Capacity at -4 °F	Btu/h	13,000	21,000	22,000	29,500
	Max Heating Capacity at -13 °F	Btu/h	11,000	17,000	19,000	26,000
	SEER2		17.00	17.50	17.50	18.20
	EER2		13.30	13.50	12.50	13.50
	HSPF2		9.80	10.00	10.00	9.80
COP at 47°F			3.96	3.81	3.79	4.01
Power	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	0.31~0.94~1.95	0.45~1.33~2.76	0.55~1.92~3.00	0.71~2.22~4.18
	Heating Power Input (Min~Rated~Max)	kW	0.36~1.11~2.38	0.50~1.54~3.30	0.65~2.08~4.40	0.78~2.49~3.90
	MCA / MOP (ODU)	A	191 / 30	191 / 30	191 / 30	320 / 35
	Power Supply Wiring (ODU)	No. x AWG	3 x 12	3 x 12	3 x 12	3 x 10
	Power / Com Wiring (ODU to IDU)	No. x AWG	3 x 14 / 2 x 18	3 x 14 / 2 x 18	3 x 14 / 2 x 18	3 x 14 / 2 x 18
	Rated Amps	A	2.8	2.8	2.8	3.4
Operation Range	ODU Operation Range Cooling	°F WB	5 to 118	5 to 118	5 to 118	5 to 118
	ODU Operation Range Heating	°F DB	-13 to 64	-13 to 64	-13 to 64	-13 to 64
Dimensions	IDU Dimensions (W x H x D)	in	18 x 48- ²⁷ / ₃₂ x 21- ³ / ₈	18 x 48- ²⁷ / ₃₂ x 21- ³ / ₈	18 x 48- ²⁷ / ₃₂ x 21- ³ / ₈	21 x 55- ³ / ₈ x 21- ³ / ₈
	ODU Dimensions (W x H x D)	in	37- ¹³ / ₃₂ x 32- ²⁷ / ₃₂ x 13	37- ¹³ / ₃₂ x 32- ²⁷ / ₃₂ x 13	37- ¹³ / ₃₂ x 32- ²⁷ / ₃₂ x 13	37- ¹³ / ₃₂ x 54- ⁷ / ₃₂ x 13
Weight	IDU Weight (Net / Shipping)	lbs	116 / 129	122 / 134	122 / 134	146 / 160
	ODU Weight (Net / Shipping)	lbs	141.8 / 160.1	141.8 / 160.1	141.8 / 160.1	190.2 / 214.3
Unit Data	Airflow Rate Cooling (H / M / L)	CFM	500 / 460 / 420	600 / 510 / 440	800 / 700 / 580	875 / 750 / 630
	Airflow Rate Heating (H / M / L)	CFM	500 / 460 / 420	600 / 510 / 440	800 / 700 / 580	875 / 750 / 630
	Dehumidification	pts/hr	1.83	2.75	4.23	5.6
	Compressor Type		R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1
	Refrigerant Type		R-32	R-32	R-32	R-32
Sound Pressure	Outdoor Max (Cool / Heat)	dB(A)	51 / 52	51 / 52	51 / 52	52 / 54
Piping	Liquid Pipe (Connection / Pipe Size)	in	¹ / ₄ Flare / ¹ / ₄ Flare	³ / ₈ Flare / ³ / ₈ Flare	³ / ₈ Flare / ³ / ₈ Flare	³ / ₈ Flare / ³ / ₈ Flare
	Vapor Pipe (Connection / Pipe Size)	in	³ / ₈ Flare / ³ / ₈ Flare	⁵ / ₈ Flare / ⁵ / ₈ Flare	⁵ / ₈ Flare / ⁵ / ₈ Flare	⁵ / ₈ Flare / ⁵ / ₈ Flare
	Pipe Length (Min / Max)	ft	16.4 / 164	16.4 / 164	16.4 / 164	16.4 / 164
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6	24.6
	Max Pipe Elevation	ft	98.4	98.4	98.4	98.4
	Pre Charge	Oz	67	67	67	67
	Additional Refrigerant	oz/ft	0.38	0.38	0.38	0.38
Condensation Line (OD, ID)		in	1- ¹ / ₄ / 1	1- ¹ / ₄ / 1	1- ¹ / ₄ / 1	1- ¹ / ₄ / 1
ENERGY STAR® / Cold Climate			Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

Multi-Position Air Handling Unit with LGRED°

Specification			36 kBtu/h	42 kBtu/h	48 kBtu/h
LGRED° System			KSSLA361A	KSSLA421A	KSSLA481A
			Indoor Unit	Indoor Unit	Indoor Unit
			Outdoor Unit	Outdoor Unit	Outdoor Unit
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	14,000~33,000~44,000	16,800~42,000~50,000	18,400~46,000~55,000
	Heating Capacity (Min~Rated~Max)	Btu/h	16,000~40,000~43,000	18,000~46,000~60,000	19,000~50,000~63,000
	Max Heating Capacity at 17 °F	Btu/h	39,000	52,000	54,000
	Max Heating Capacity at 5 °F	Btu/h	33,000	46,000	46,000
	Max Heating Capacity at -4 °F	Btu/h	31,000	40,000	41,000
	Max Heating Capacity at -13 °F	Btu/h	29,000	34,000	36,000
	SEER2		18.20	19.00	19.00
	EER2		13.00	12.50	12.30
	HSPF2		9.60	9.80	9.60
	COP at 47°F		3.79	3.70	3.91
Power	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	0.81~2.54~4.78	1.19~3.36~5.32	1.40~3.74~5.73
	Heating Power Input (Min~Rated~Max)	kW	0.96~3.09~4.10	1.34~3.64~5.80	1.40~3.76~6.30
	MCA / MOP (ODU)	A	32.0 / 35	32.0 / 40	32.0 / 40
	Power Supply Wiring (ODU)	No. x AWG	3 x 10	3 x 10	3 x 10
	Power / Com Wiring (ODU to IDU)	No. x AWG	3 x 14 / 2 x 18	3 x 14 / 2 x 18	3 x 14 / 2 x 18
	Rated Amps	A	3.4	3.4	3.4
Operation Range	ODU Operation Range Cooling	°F WB	5 to 118	5 to 118	5 to 118
	ODU Operation Range Heating	°F DB	-13 to 64	-13 to 64	-13 to 64
Dimensions	IDU Dimensions (W x H x D)	in	21 x 55- ³ / ₁₆ x 21- ³ / ₈	21 x 55- ³ / ₁₆ x 21- ³ / ₈	21 x 55- ³ / ₁₆ x 21- ³ / ₈
	ODU Dimensions (W x H x D)	in	37- ¹ / ₃₂ x 54- ¹ / ₃₂ x 13	37- ¹ / ₃₂ x 54- ¹ / ₃₂ x 13	37- ¹ / ₃₂ x 54- ¹ / ₃₂ x 13
Weight	IDU Weight (Net / Shipping)	lbs	146 / 160	146 / 160	146 / 160
	ODU Weight (Net / Shipping)	lbs	190.2 / 214.3	190.2 / 214.3	213.4 / 232.4
Unit Data	Airflow Rate Cooling (H / M / L)	CFM	1,050 / 980 / 900	1,225 / 1,100 / 1,000	1,400 / 1,200 / 1,070
	Airflow Rate Heating (H / M / L)	CFM	1,050 / 980 / 900	1,225 / 1,100 / 1,000	1,400 / 1,200 / 1,070
	Dehumidification	pts/hr	6.9	7.9	8.64
	Compressor Type		R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1
	Refrigerant Type		R-32	R-32	R-32
Sound Pressure	Outdoor Max (Cool / Heat)	dB(A)	52 / 54	54 / 56	54 / 56
Piping	Liquid Pipe (Connection / Pipe Size)	in	³ / ₈ Flare / ³ / ₈ Flare	³ / ₈ Flare / ³ / ₈ Flare	³ / ₈ Flare / ³ / ₈ Flare
	Vapor Pipe (Connection / Pipe Size)	in	⁵ / ₈ Flare / ⁵ / ₈ Flare	⁵ / ₈ Flare / ⁵ / ₈ Flare	⁵ / ₈ Flare / ⁵ / ₈ Flare
	Pipe Length (Min / Max)	ft	16.4 / 246	16.4 / 246	16.4 / 246
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6
	Max Pipe Elevation	ft	98.4	98.4	98.4
	Pre Charge	Oz	106	120	106
	Additional Refrigerant	oz/ft	0.43	0.43	0.43
	Condensation Lline (OD, ID)	in	1- ¹ / ₄ / 1	1- ¹ / ₄ / 1	1- ¹ / ₄ / 1
ENERGY STAR® / Cold Climate			Yes / Yes	Yes / Yes	Yes / Yes

Multi-Position Air Handling Unit - CV



Specification			18 kBtu/h	24 kBtu/h	30 kBtu/h	36 kBtu/h
System			KSSLE182A	KSSLE242A	KSSLE302A	KSSLE362A
Indoor Unit			KNSLE182A	KNSLE242A	KNSLE302A	KNSLE362A
Outdoor Unit			KUSXE181A	KUSXE241A	KUSXE301A	KUSXE361A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	7,200~16,000~17,500	9,600~24,000~25,000	12,000~28,000~29,000	14,400~32,600~34,000
	Heating Capacity (Min~Rated~Max)	Btu/h	6,000~17,000~18,000	10,800~23,600~26,000	13,600~27,800~30,000	16,000~34,000~35,000
	Max Heating Capacity at 17 °F	Btu/h	12,430	17,570	20,500	24,570
	Max Heating Capacity at 5 °F	Btu/h	10,200	14,200	16,700	20,400
	SEER2		16.00	16.00	16.00	16.00
	EER2		9.80	10.00	10.00	9.80
	HSPF2		8.5	8.5	8.5	8.5
COP at 47°F			3.50	3.40	3.50	3.30
Power	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	0.45~1.63~1.85	0.58~2.40~2.80	0.78~2.80~3.15	1.00~3.32~3.55
	Heating Power Input (Min~Rated~Max)	kW	0.40~1.42~1.90	0.65~2.03~2.45	0.80~2.33~2.80	1.02~3.02~3.20
	MCA / MOP (ODU)	A	12.9 / 15	15.4 / 25	16.6 / 25	19.5 / 25
	Power Supply Wiring (ODU)	No. x AWG	3 x 14	3 x 12	3 x 12	3 x 12
	Power / Com Wiring (ODU to IDU)	No. x AWG	3 x 14 / 2 x 18	3 x 14 / 2 x 18	3 x 14 / 2 x 18	3 x 14 / 2 x 18
	Rated Amps	A	2.6	2.6	4.8	4.8
Operation Range	ODU Operation Range Cooling	°F WB	14 to 118	14 to 118	14 to 118	14 to 118
	ODU Operation Range Heating	°F DB	4 to 64	4 to 64	4 to 64	4 to 64
Dimensions	IDU Dimensions (W x H x D)	in	18 x 48 ^{-27/32} x 21 ^{-3/8}	18 x 48 ^{-27/32} x 21 ^{-3/8}	21 x 55 ^{-1/8} x 21 ^{-3/8}	21 x 55 ^{-1/8} x 21 ^{-3/8}
	ODU Dimensions (W x H x D)	in	30 ^{-5/16} x 21 ^{-15/32} x 11 ^{-11/32}	34 ^{-1/4} x 25 ^{-19/32} x 13	34 ^{-1/4} x 25 ^{-19/32} x 13	37 ^{-19/32} x 32 ^{-27/32} x 13
Weight	IDU Weight (Net / Shipping)	lbs	113 / 123	113 / 123	134 / 147	134 / 147
	ODU Weight (Net / Shipping)	lbs	70.5 / 75	92.6 / 103.6	92.6 / 103.6	128.5 / 144.6
Unit Data	Airflow Rate Cooling (H / M / L)	CFM	600 / 510 / 440	800 / 700 / 580	870 / 730 / 620	1,050 / 980 / 900
	Airflow Rate Heating (H / M / L)	CFM	600 / 510 / 440	800 / 700 / 580	870 / 730 / 620	1,050 / 980 / 900
	Dehumidification	pts/hr	2.75	4.23	5.6	7.17
	Compressor Type		Twin Rotary x1	Twin Rotary x1	Twin Rotary x1	Twin Rotary x1
	Refrigerant Type		R-32	R-32	R-32	R-32
Sound Pressure	Outdoor Max (Cool / Heat)	dB(A)	49 / 52	52 / 54	52 / 54	52 / 54
Piping	Liquid Pipe (Connection / Pipe Size)	in	3/8 Flare / 3/8 Flare	3/8 Flare / 3/8 Flare	3/8 Flare / 3/8 Braze	3/8 Flare / 3/8 Flare
	Vapor Pipe (Connection / Pipe Size)	in	5/8 Flare / 5/8 Flare	5/8 Flare / 5/8 Flare	5/8 Flare / 5/8 Braze	3/4 Flare / 3/4 Flare
	Pipe Length (Min / Max)	ft	16.4 / 65.6	16.4 / 65.6	16.4 / 98.4	16.4 / 98.4
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6	24.6
	Max Pipe Elevation	ft	49.2	49.2	49.2	49.2
	Pre Charge	Oz	38.8	49.38	49.38	70.55
	Additional Refrigerant	oz/ft	0.38	0.43	0.43	0.43
Condensation Line (OD, ID)			3/4	3/4	3/4	3/4
ENERGY STAR® / Cold Climate			No / No	No / No	No / No	No / No

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

Multi-Position Air Handling Unit - CV

Specification			42 kBtu/h	48 kBtu/h	60 kBtu/h
System			KSSLE422A	KSSLE482A	KSSLE602A
Indoor Unit			KNSLE422A	KNSLE482A	KNSLE602A
Outdoor Unit			KUSXE421A	KUSXA481A	KUSXE601A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	17,000~41,000~48,000	18,000~47,000~50,000	20,500~55,000~57,000
	Heating Capacity (Min~Rated~Max)	Btu/h	18,000~42,000~44,000	19,000~50,000~52,000	21,500~55,000~57,000
	Max Heating Capacity at 17 °F	Btu/h	30,570	36,290	39,860
	Max Heating Capacity at 5 °F	Btu/h	25,200	30,000	33,000
	SEER2		16.00	16.00	16.00
	EER2		8.20	10.00	10.00
	HSPF2		8.5	8.5	8.5
COP at 47°F			3.20	3.20	3.20
Power	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	1.35~5.00~5.30	1.40~4.70~5.30	1.60~5.50~6.40
	Heating Power Input (Min~Rated~Max)	kW	1.45~3.85~4.20	1.50~4.57~5.10	1.60~5.50~6.40
	MCA / MOP (ODU)	A	301/ 35	307/ 40	307/ 40
	Power Supply Wiring (ODU)	No. x AWG	3 x 10	3 x 10	3 x 10
	Power / Com Wiring (ODU to IDU)	No. x AWG	3 x 14 / 2 x 18	3 x 14 / 2 x 18	3 x 14 / 2 x 18
	Rated Amps	A	48	48	48
Operation Range	ODU Operation Range Cooling	°F WB	14 to 118	14 to 118	14 to 118
	ODU Operation Range Heating	°F DB	4 to 64	4 to 64	4 to 64
Dimensions	IDU Dimensions (W x H x D)	in	21 x 55- ³ / ₁₆ x 21- ³ / ₈	21 x 55- ³ / ₁₆ x 21- ³ / ₈	21 x 55- ³ / ₁₆ x 21- ³ / ₈
	ODU Dimensions (W x H x D)	in	37- ¹³ / ₃₂ x 32- ²⁷ / ₃₂ x 13	37- ¹³ / ₃₂ x 54- ¹⁷ / ₃₂ x 13	37- ¹³ / ₃₂ x 54- ¹⁷ / ₃₂ x 13
Weight	IDU Weight (Net / Shipping)	lbs	134 / 147	134 / 147	148 / 162
	ODU Weight (Net / Shipping)	lbs	152.6 / 168.2	190.2 / 214.3	190.2 / 214.3
Unit Data	Airflow Rate Cooling (H / M / L)	CFM	1,225 / 1,100 / 1,000	1,400 / 1,200 / 1,070	1,750 / 1,580 / 1,400
	Airflow Rate Heating (H / M / L)	CFM	1,225 / 1,100 / 1,000	1,400 / 1,200 / 1,070	1,750 / 1,580 / 1,400
	Dehumidification	pts/hr	79	806	910
	Compressor Type		Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
	Refrigerant Type		R-32	R-32	R-32
Sound Pressure	Outdoor Max (Cool / Heat)	dB(A)	52 / 54	54 / 56	54 / 56
Piping	Liquid Pipe (Connection / Pipe Size)	in	³ / ₈ Flare / ³ / ₈ Braze	³ / ₈ Flare / ³ / ₈ Braze	³ / ₈ Flare / ³ / ₈ Braze
	Vapor Pipe (Connection / Pipe Size)	in	⁵ / ₈ Flare / ⁵ / ₈ Braze	⁵ / ₈ Flare / ⁵ / ₈ Braze	⁵ / ₈ Flare / ⁵ / ₈ Braze
	Pipe Length (Min / Max)	ft	16.4 / 164	16.4 / 164	16.4 / 164
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6
	Max Pipe Elevation	ft	98.4	98.4	98.4
	Pre Charge	Oz	77.6	105.8	105.8
	Additional Refrigerant	oz/ft	0.43	0.43	0.43
Condensation Line (OD, ID)			³ / ₄	³ / ₄	³ / ₄
ENERGY STAR® / Cold Climate			No / No	No / No	No / No

A-Coil



Specification			18 kBtu/h	18 kBtu/h	24kBtu/h	30 kBtu/h
System			KSSMB18AA	KSSMB18BA	KSSMB24BA	KSSMB30BA
Indoor Unit			LKMMA18A1	LKMMA18B1	LKMMA24B1	LKMMA30B1
Outdoor Unit			KUSXB181A	KUSXB181A	KUSXB241A	KUSXB301A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	6,800~17,000~19,000	7,200~18,000~20,000	8,900~21,600~24,000	9,900~27,600~30,000
	Heating Capacity (Min~Rated~Max)	Btu/h	7,000~20,000~21,000	7,000~20,000~21,000	11,000~24,000~25,000	12,900~30,000~31,000
	Max Heating Capacity at 17 °F	Btu/h	17,600	17,600	22,000	26,400
	Max Heating Capacity at 5 °F	Btu/h	16,000	16,000	20,000	24,000
	Max Heating Capacity at -4 °F	Btu/h	14,900	14,900	17,600	21,800
	SEER2		15	15.2	15.2	15.0
	EER2		11.50	11.70	11.70	10.0
	HSPF2		8.1	8.1	8.5	8.3
COP at 47°F			3.19	3.19	3.13	3.09
Power	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	0.52~1.478~1.70	0.57~1.54~1.85	0.70~1.85~2.23	0.97~2.76~3.31
	Heating Power Input (Min~Rated~Max)	kW	0.55~1.83~2.01	0.53~1.83~2.01	0.74~2.24~2.46	0.94~2.84~3.07
	MCA / MOCP	A	16.0 / 25	16.0 / 25	16.0 / 25	19.1 / 30
	Power Communication Wiring	No. x AWG	3 x 12	3 x 12	3 x 12	3 x 10
	Fan Motor FLA (ODU)	A	1.6	1.6	1.6	1.6
Operation Range	ODU Operation Range Heating	°F WB	-4 to 64	-4 to 64	-4 to 64	-4 to 64
	ODU Operation Range Cooling	°F DB	5 to 118	5 to 118	5 to 118	5 to 118
Net Dimensions	IDU Dimensions (W x H x D)	in	14-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 26 x 21
	ODU Dimensions (W x H x D)	in	37-13/32 x 32-27/32 x 13	37-13/32 x 32-27/32 x 13	37-13/32 x 32-27/32 x 13	37-13/32 x 32-27/32 x 13
Weight	IDU Weight (Net / Shipping)	lbs	44 / 49	46 / 52	46 / 52	54 / 60
	ODU Weight (Net / Shipping)	lbs	136 / 154.3	136 / 154.3	136 / 154.3	141.1 / 159.4
Unit Data	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	450 ~ 600	450 ~ 600	600 ~ 800	750 ~ 1,000
	Dehumidification	pts/hr	2.75	2.75	4.23	5.6
	Compressor Type		Twin Rotary	Twin Rotary	Twin Rotary	R1 Scroll
	Refrigerant Type		R-32	R-32	R-32	R-32
Sound Pressure	Outdoor (Cool / Heat)	dB(A)	48 / 52	48 / 52	48 / 52	52 / 54
Piping	Indoor Unit Piping Liquid (in., O.D.)	in	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
	Indoor Unit Piping Vapor (in., O.D.)	in	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
	Outdoor Unit Piping Liquid (O.D.)	in	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Outdoor Unit Piping Vapor (O.D.)	in	5/8 Flare	5/8 Flare	5/8 Flare	5/8 Flare
	Pipe Length (Min / Max)	ft	16.4 / 164	16.4 / 164	16.4 / 164	16.4 / 164
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6	24.6
	Max Pipe Elevation	ft	98.4	98.4	98.4	98.4
	Pre-Charge + add'l charge for A-Coil	lbs	4.2 + 0	4.2 + 0	4.2 + 0	4.2 + 0
	Additional Refrigerant	oz/ft	0.38	0.38	0.38	0.38
Drain (OD, ID)			in	1-1/4 / 1	1-1/4 / 1	1-1/4 / 1
ENERGY STAR® / Cold Climate			No / No	Yes / Yes	Yes / Yes	No / No

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

A-Coil

Specification			36 kBtu/h	36 kBtu/h	42 kBtu/h	48 kBtu/h
System			KSSMB36BA	KSSMB36CA	KSSMB42CA	KSSMB48CA
Indoor Unit			LKMA36B1	LKMA36C1	LKMA42C1	LKMA48C1
Outdoor Unit			KUSXB361A	KUSXB361A	KUSXB421A	KUSXB481A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	13,100~34,400~36,000	13,100~34,400~37,000	16,000~41,000~44,000	18,200~45,500~48,000
	Heating Capacity (Min~Rated~Max)	Btu/h	15,200~37,000~38,000	15,200~37,000~38,000	18,100~43,000~45,000	18,100~43,000~45,000
	Max Heating Capacity at 17 °F	Btu/h	35,500	35,500	39,200	41,000
	Max Heating Capacity at 5 °F	Btu/h	24,000	32,000	36,000	38,000
	Max Heating Capacity at -4 °F	Btu/h	29,100	29,100	32,000	33,800
	SEER2		15.2	15.5	15.2	15.2
	EER2		11.7	11.7	11.70	10.50
	HSPF2		8.4	8.5	8.5	8.3
COP at 47°F			3.29	3.29	3.31	3.39
Power	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	1.03~2.94~3.27	1.03~2.94~3.47	1.23~3.51~3.89	1.56~4.34~4.72
	Heating Power Input (Min~Rated~Max)	kW	0.92~3.29~3.55	1.12~3.29~3.55	1.29~3.80~4.10	1.45~4.14~4.47
	MCA / MOCP	A	32 / 35	32 / 35	32 / 40	32 / 40
	Power Communication Wiring	No. x AWG	3 x 10	3 x 10	3 x 10	3 x 10
	Fan Motor FLA (ODU)	A	1.6 x 2	1.6 x 2	1.6 x 2	1.6 x 2
Operation Range	ODU Operation Range Heating	°F WB	-4 to 64	-4 to 64	-4 to 64	-4 to 64
	ODU Operation Range Cooling	°F DB	5 to 118	5 to 118	5 to 118	5 to 118
Dimensions	IDU Dimensions (W x H x D)	in	17-1/2 x 26 x 21	21 x 26 x 21	21 x 30 x 21	21 x 30 x 21
	ODU Dimensions (W x H x D)	in	37-1/32 x 54-1/32 x 13.0	37-1/32 x 54-1/32 x 13.0	37-1/32 x 54-1/32 x 13	37-1/32 x 54-1/32 x 13
Weight	IDU Weight (Net / Shipping)	lbs	54 / 60	55 / 62	63 / 70	63 / 70
	ODU Weight (Net / Shipping)	lbs	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3	190.2 / 214.4
Unit Data	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	840 ~ 1,200	840 ~ 1,200	1,050 ~ 1,400	1,200 ~ 1,600
	Dehumidification	pts/hr	717	717	79	80.6
	Compressor Type		R1 Scroll	R1 Scroll	R1 Scroll	R1 Scroll
	Refrigerant Type		R-32	R-32	R-32	R-32
Sound Pressure	Outdoor (Cool / Heat)	dB(A)	52 / 54	52 / 54	52 / 54	52 / 54
Piping	Indoor Unit Piping Liquid (in., O.D.)	in	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
	Indoor Unit Piping Vapor (in., O.D.)	in	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
	Outdoor Unit Piping Liquid (O.D.)	in	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Outdoor Unit Piping Vapor (O.D.)	in	1/2 Flare	1/2 Flare	1/2 Flare	1/2 Flare
	Pipe Length (Min / Max)	ft	16.4 / 246	16.4 / 246	16.4 / 246	16.4 / 246
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6	24.6
	Max Pipe Elevation	ft	98.4	98.4	98.4	98.4
	Pre-Charge + add'l charge for A-Coil	lbs	6.63 + 0.88	6.63 + 0.88	6.63 + 0.88	6.63 + 0.88
	Additional Refrigerant	oz/ft	0.43	0.43	0.43	0.43
Drain (OD, ID)			1-1/4 / 1	1-1/4 / 1	1-1/4 / 1	1-1/4 / 1
ENERGY STAR® / Cold Climate			Yes / Yes	Yes / Yes	Yes / Yes	No / Yes

A-Coil



Specification			48 kBtu/h	48 kBtu/h	60 kBtu/h	60 kBtu/h
System			KSSMB48DA	KSSMB49CA	KSSMB60CA	KSSMB60DA
Indoor Unit			LKMAA48D1	LKMAA48C1	LKMAA60C1	LKMAA60D1
Outdoor Unit			KUSXB481A	KUSXB601A	KUSXB601A	KUSXB601A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	18,200~45,500~49,000	18,200~45,500~48,000	20,000~52,500~55,000	20,000~52,500~56,000
	Heating Capacity (Min~Rated~Max)	Btu/h	20,200~48,000~49,000	18,000~50,000~52,000	21,800~56,000~57,000	21,800~56,000~57,000
	Max Heating Capacity at 17 °F	Btu/h	41,000	44,300	47,500	47,500
	Max Heating Capacity at 5 °F	Btu/h	38,000	41,000	44,000	44,000
	Max Heating Capacity at -4 °F	Btu/h	32,700	36,500	37,400	37,400
	SEER2		15.5	15.9	15.2	15.5
	EER2		11.00	11.70	10.50	10.70
	HSPF2		8.5	8.9	8.5	9
COP at 47°F			3.39	3.47	3.29	3.29
Power	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	1.45~4.14~4.67	1.40~3.89~4.23	1.75~5.00~5.44	1.72~4.91~5.34
	Heating Power Input (Min~Rated~Max)	kW	1.45~4.14~4.47	1.47~4.21~4.55	1.74~4.97~5.37	1.74~4.97~5.37
	MCA / MOCP	A	32 / 40	32 / 40	32 / 40	32 / 40
	Power Communication Wiring	No. x AWG	3 x 10	3 x 10	3 x 10	3 x 10
	Fan Motor FLA (ODU)	A	1.6 x 2	1.6 x 2	1.6 x 2	1.6 x 2
Operation Range	ODU Operation Range Heating	°F WB	-4 to 64	-4 to 64	-4 to 64	-4 to 64
	ODU Operation Range Cooling	°F DB	5 to 118	5 to 118	5 to 118	5 to 118
Dimensions	IDU Dimensions (W x H x D)	in	24-1/2 x 34 x 21	21 x 30 x 21	21 x 30 x 21	24-1/2 x 34 x 21
	ODU Dimensions (W x H x D)	in	37-1/32 x 54-1/32 x 13	37-1/32 x 54-1/32 x 13	37-1/32 x 54-1/32 x 13	37-1/32 x 54-1/32 x 13
Weight	IDU Weight (Net / Shipping)	lbs	73 / 82	63 / 70	63 / 70	73 / 82
	ODU Weight (Net / Shipping)	lbs	190.2 / 214.5	213.4 / 232.4	213.4 / 232.4	213.4 / 232.4
Unit Data	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	1,200 ~ 1,600	1,200 ~ 1,600	1,300 ~ 1,740	1,300 ~ 1,740
	Dehumidification	pts/hr	8.06	8.06	8.8	8.8
	Compressor Type		R1 Scroll	R1 Scroll	R1 Scroll	R1 Scroll
	Refrigerant Type		R-32	R-32	R-32	R-32
Sound Pressure	Outdoor (Cool / Heat)	dB(A)	52 / 54	54 / 56	54 / 56	54 / 56
Piping	Indoor Unit Piping Liquid (in., O.D.)	in	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
	Indoor Unit Piping Vapor (in., O.D.)	in	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
	Outdoor Unit Piping Liquid (O.D.)	in	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Outdoor Unit Piping Vapor (O.D.)	in	3/4 Flare	3/4 Flare	3/4 Flare	3/4 Flare
	Pipe Length (Min / Max)	ft	16.4 / 246	16.4 / 246	16.4 / 246	16.4 / 246
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6	24.6
	Max Pipe Elevation	ft	98.4	98.4	98.4	98.4
	Pre-Charge + add'l charge for A-Coil	lbs	6.63 + 0.88	7.50 + 0.88	7.50 + 0.88	7.50 + 0.88
	Additional Refrigerant	oz/ft	0.43	0.43	0.43	0.43
Drain (OD, ID)			1-1/4 / 1	1-1/4 / 1	1-1/4 / 1	1-1/4 / 1
ENERGY STAR® / Cold Climate			Yes / Yes	Yes / Yes	No / Yes	No / Yes

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

A-Coil with LGRED°

Specification			18 kBtu/h	18 kBtu/h	24kBtu/h	24 kBtu/h
LGRED° System			KSSMA18AA	KSSMA18BA	KSSMA24BA	KSSMA25BA
			LKMMMA18A1	LKMMMA18B1	LKMMMA24B1	LKMMMA24B1
			KUSXA181A	KUSXA181A	KUSXA241A	KUSXA301A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	6,800~17,000~19,000	7,200~18,000~20,000	8,900~21,600~24,000	9,000~23,000~24,000
	Heating Capacity (Min~Rated~Max)	Btu/h	7,000~20,000~22,000	7,000~20,000~22,000	11,000~24,000~26,000	11,000~26,000~28,000
	Max Heating Capacity at 17 °F	Btu/h	19,800	19,800	24,200	25,000
	Max Heating Capacity at 5 °F	Btu/h	18,000	18,000	22,000	24,000
	Max Heating Capacity at -4 °F	Btu/h	16,000	16,000	19,000	20,200
	Max Heating Capacity at -13 °F	Btu/h	14,000	14,000	16,500	18,000
	SEER2		15.2	15.2	15.0	15.5
	EER2		11.50	11.50	11.00	11.70
	HSPF2		8.1	8.1	8.6	8.8
Power	COP at 47°F		3.25	3.25	3.19	3.45
	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	0.52~1.48~1.70	0.58~1.57~1.88	0.75~1.96~2.38	0.75~1.97~2.38
	Heating Power Input (Min~Rated~Max)	kW	0.54~1.80~2.07	0.52~1.80~2.07	0.77~2.20~2.53	0.79~2.20~2.53
	MCA / MOCP	A	191 / 30	191 / 30	191 / 30	32 / 35
	Power Communication Wiring	No. x AWG	3 x 12	3 x 12	3 x 12	3 x 10
Operation Range	Fan Motor FLA (ODU)	A	1.6	1.6	1.6	1.6 x 2
	ODU Operation Range Heating	°F WB	-13 to 64	-13 to 64	-13 to 64	-13 to 64
	ODU Operation Range Cooling	°F DB	5 to 118	5 to 118	5 to 118	5 to 118
Dimensions	IDU Dimensions (W x H x D)	in	14-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 24 x 21
	ODU Dimensions (W x H x D)	in	37-9/32 x 32-27/32 x 13	37-9/32 x 32-27/32 x 13	37-9/32 x 32-27/32 x 13	37-9/32 x 54-1/32 x 13
Weight	IDU Weight (Net / Shipping)	lbs	44 / 49	46 / 52	46 / 52	46 / 52
	ODU Weight (Net / Shipping)	lbs	141.8 / 160.1	141.8 / 160.1	141.8 / 160.1	190.2 / 214.3
Unit Data	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	450 ~ 600	450 ~ 600	600 ~ 800	675 ~ 900
	Dehumidification	pts/hr	2.75	2.75	4.23	4.23
	Compressor Type		R1 Scroll	R1 Scroll	R1 Scroll	R1 Scroll
	Refrigerant Type		R-32	R-32	R-32	R-32
Sound Pressure	Outdoor (Cool / Heat)	dB(A)	51 / 52	51 / 52	51 / 52	52 / 54
Piping	Indoor Unit Piping Liquid (in., O.D.)	in	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
	Indoor Unit Piping Vapor (in., O.D.)	in	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
	Outdoor Unit Piping Liquid (O.D.)	in	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Outdoor Unit Piping Vapor (O.D.)	in	5/8 Flare	5/8 Flare	5/8 Flare	5/8 Flare
	Pipe Length (Min / Max)	ft	16.4 / 164	16.4 / 164	16.4 / 164	16.4 / 246
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6	24.6
	Max Pipe Elevation	ft	98.4	98.4	98.4	98.4
	Pre-Charge + add'l charge for A-Coil	lbs	4.2 + 0	4.2 + 0	4.2 + 0	6.63 + 0.88
	Additional Refrigerant	oz/ft	0.38	0.38	0.38	0.43
	Drain (OD, ID)	in	1-1/4 / 1	1-1/4 / 1	1-1/4 / 1	1-1/4 / 1
ENERGY STAR® / Cold Climate			Yes / Yes	Yes / Yes	No / No	Yes / Yes

A-Coil with LGRED°



Specification			30 kBTU/h	36 kBTU/h	36 kBTU/h	42 kBTU/h
LGRED° System			KSSMA30BA	KSSMA36BA	KSSMA36CA	KSSMA42CA
			LKMMMA30B1	LKMMMA36B1	LKMMMA36C1	LKMMMA42C1
			KUSXA301A	KUSXA361A	KUSXA361A	KUSXA422A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	11,100~30,000~31,000	13,000~34,400~36,000	13,000~34,400~37,000	16,000~41,000~44,000
	Heating Capacity (Min~Rated~Max)	Btu/h	13,000~32,000~35,000	15,000~37,000~38,000	15,000~37,000~38,000	18,000~45,000~47,000
	Max Heating Capacity at 17 °F	Btu/h	33,700	37,000	37,000	43,000
	Max Heating Capacity at 5 °F	Btu/h	30,600	33,000	33,000	41,000
	Max Heating Capacity at -4 °F	Btu/h	27,000	30,000	31,000	37,800
	Max Heating Capacity at -13 °F	Btu/h	23,000	26,000	27,000	33,000
	SEER2		15.7	15.5	16	16
	EER2		11.80	11.70	11.70	11.90
	HSPF2		8.8	8.9	8.9	8.9
COP at 47°F			3.19	3.37	3.37	3.45
Power	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	0.89~2.54~3.05	1.03~2.94~3.27	1.03~2.94~3.47	1.21~3.45~3.82
	Heating Power Input (Min~Rated~Max)	kW	0.97~2.93~3.34	1.06~3.21~3.63	1.09~3.21~3.63	1.30~3.81~4.31
	MCA / MOCP	A	32 / 35	32 35	32 / 35	32 / 40
	Power Communication Wiring	No. x AWG	3 x 10	3 x 10	3 x 10	3 x 10
	Fan Motor FLA (ODU)	A	1.6 x 2	1.6 x 2	1.6 x 2	1.6 x 2
Operation Range	ODU Operation Range Heating	°F WB	-13 to 64	-13 to 64	-13 to 64	-13 to 64
	ODU Operation Range Cooling	°F DB	5 to 118	5 to 118	5 to 118	5 to 118
Dimensions	IDU Dimensions (W x H x D)	in	17-½ x 26 x 21	17-½ x 26 x 21	21 x 26 x 21	21 x 30 x 21
	ODU Dimensions (W x H x D)	in	37-⅞ ₃₂ x 54-⅞ ₃₂ x 13	37-⅞ ₃₂ x 54-⅞ ₃₂ x 13	37-⅞ ₃₂ x 54-⅞ ₃₂ x 13	37-⅞ ₃₂ x 54-⅞ ₃₂ x 13
Weight	IDU Weight (Net / Shipping)	lbs	54 / 60	54 / 60	55 / 62	63 / 70
	ODU Weight (Net / Shipping)	lbs	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3	213.4 / 232.4
Unit Data	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	750 ~ 1,000	840 ~ 1,200	840 ~ 1,200	1,050 ~ 1,400
	Dehumidification	pts/hr	5.6	7.17	7.17	7.9
	Compressor Type		R1 Scroll	R1 Scroll	R1 Scroll	R1 Scroll
	Refrigerant Type		R-32	R-32	R-32	R-32
Sound Pressure	Outdoor (Cool / Heat)	dB(A)	52 / 54	52 / 54	52 / 54	54 / 56
Piping	Indoor Unit Piping Liquid (in., O.D.)	in	⅜ Braze	⅜ Braze	⅜ Braze	⅜ Braze
	Indoor Unit Piping Vapor (in., O.D.)	in	¾ Braze	¾ Braze	¾ Braze	¾ Braze
	Outdoor Unit Piping Liquid (O.D.)	in	⅜ Flare	⅜ Flare	⅜ Flare	⅜ Flare
	Outdoor Unit Piping Vapor (O.D.)	in	⅝ Flare	⅝ Flare	⅝ Flare	⅝ Flare
	Pipe Length (Min / Max)	ft	16.4 / 246	16.4 / 246	16.4 / 246	16.4 / 246
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6	24.6
	Max Pipe Elevation	ft	98.4	98.4	98.4	98.4
	Pre-Charge + add'l charge for A-Coil	lbs	6.63 + 0.88	6.63 + 0.88	6.63 + 0.88	7.50 + 0.88
	Additional Refrigerant	oz/ft	0.43	0.43	0.43	0.43
Drain (OD, ID)		in	1-1/4 / 1	1-1/4 / 1	1-1/4 / 1	1-1/4 / 1
ENERGY STAR® / Cold Climate			Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

A-Coil with LGRED°

Specification			48 kBtu/h	48 kBtu/h
LGRED° System Indoor Unit Outdoor Unit			KSSMA48CA	KSSMA48DA
			LKMMA48C1	LKMMA48D1
			KUSXA482A	KUSXA482A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	18,000~45,500~48,000	18,000~45,500~49,000
	Heating Capacity (Min~Rated~Max)	Btu/h	18,000~50,000~52,000	20,000~50,000~52,000
	Max Heating Capacity at 17 °F	Btu/h	45,000	46,000
	Max Heating Capacity at 5 °F	Btu/h	43,000	43,000
	Max Heating Capacity at -4 °F	Btu/h	39,000	40,000
	Max Heating Capacity at -13 °F	Btu/h	34,000	35,000
	SEER2		15.9	16.1
	EER2		11.70	11.70
	HSPF2		8.9	9.1
Power	COP at 47°F		3.47	3.47
	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	1.40~3.89~4.23	1.36~3.89~4.39
	Heating Power Input (Min~Rated~Max)	kW	1.35~4.21~4.76	1.47~4.21~4.76
	MCA / MOCP	A	32 / 40	32 / 40
	Power Communication Wiring	No. x AWG	3 x 10	3 x 10
	Fan Motor FLA (ODU)	A	1.6 x 2	1.6 x 2
Operation Range	ODU Operation Range Heating	°F WB	-13 to 64	-13 to 64
	ODU Operation Range Cooling	°F DB	5 to 118	5 to 118
Dimensions	IDU Dimensions (W x H x D)	in	21 x 30 x 21	24- ¹ / ₂ x 34 x 21
	ODU Dimensions (W x H x D)	in	37- ³ / ₃₂ x 54- ¹ / ₃₂ x 13	37- ³ / ₃₂ x 54- ¹ / ₃₂ x 13
Weight	IDU Weight (Net / Shipping)	lbs	63 / 70	73 / 82
	ODU Weight (Net / Shipping)	lbs	213.4 / 232.4	213.4 / 232.4
Unit Data	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	1,200 ~ 1,600	1,200 ~ 1,600
	Dehumidification	pts/hr	8.06	8.06
	Compressor Type		R1 Scroll	R1 Scroll
	Refrigerant Type		R-32	R-32
Sound Pressure	Outdoor (Cool / Heat)	dB(A)	54 / 56	54 / 56
Piping	Indoor Unit Piping Liquid (in., O.D.)	in	³ / ₈ Braze	³ / ₈ Braze
	Indoor Unit Piping Vapor (in., O.D.)	in	³ / ₄ Braze	³ / ₄ Braze
	Outdoor Unit Piping Liquid (O.D.)	in	³ / ₈ Flare	³ / ₈ Flare
	Outdoor Unit Piping Vapor (O.D.)	in	⁵ / ₈ Flare	⁵ / ₈ Flare
	Pipe Length (Min / Max)	ft	16.4 / 246	16.4 / 246
	Piping Length (no add'l refrigerant)	ft	24.6	24.6
	Max Pipe Elevation	ft	98.4	98.4
	Pre-Charge + add'l charge for A-Coil	lbs	750 + 0.88	750 + 0.88
	Additional Refrigerant	oz/ft	0.43	0.43
	Drain (OD, ID)	in	1-1/4 / 1	1-1/4 / 1
ENERGY STAR® / Cold Climate			Yes / Yes	Yes / Yes

A-Coil - CV



Specification			18 kBtu/h	24 kBtu/h	36 kBtu/h	36 kBtu/h	42 kBtu/h
System			KSSME18AA	KSSME24BA	KSSME36BA	KSSME36CA	KSSME42CA
Indoor Unit			LKMMMA18A1	LKMMMA24B1	LKMMMA36B1	LKMMMA36C1	LKMMMA42C1
Outdoor Unit			KUSXE241A	KUSXE241A	KUSXE361A	KUSXE361A	KUSXE481A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	7,200~17,000~20,000	8,900~19,500~24,000	13,100~30,000~36,000	13,100~30,000~36,000	17,000~41,000~48,000
	Heating Capacity (Min~Rated~Max)	Btu/h	6,700~20,000~22,000	11,000~24,000~25,000	15,200~33,600~38,500	15,200~33,600~38,500	18,000~43,000~45,000
	Max Heating Capacity at 17 °F	Btu/h	17,000	18,000	33,000	33,000	42,000
	Max Heating Capacity at 5 °F	Btu/h	12,500	14,000	23,000	23,000	36,000
	SEER2		14.3	14.3	14.3	14.3	14.3
	EER2		11.00	10.70	10.3	10.3	10.8
	HSPF2		8.5	8.5	8.5	8.5	8.5
COP at 47°F			3.09	3.19	3.09	3.09	3.19
Power	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	0.60~155~198	0.70~182~240	1.03~291~3.27	1.03~291~3.27	1.35~380~5.30
	Heating Power Input (Min~Rated~Max)	kW	0.60~189~2.30	0.74~2.20~2.46	0.92~3.18~3.80	0.92~3.18~3.80	1.45~394~4.30
	MCA / MOP (ODU)	A	15.4 / 25	15.4 / 25	19.5 / 25	19.5 / 25	30.7 / 40
	Power / Com Wiring (ODU to IDU)	No. x AWG	3 x 12	3 x 12	3 x 12	3 x 12	3 x 10
	Rated Amps	A	1.3	1.3	1.6	1.6	1.6 x 2
Operation Range	ODU Operation Range Cooling	°F WB	14 to 118	14 to 118	14 to 118	14 to 118	14 to 118
	ODU Operation Range Heating	°F DB	4 to 64	4 to 64	4 to 64	4 to 64	4 to 64
Dimensions	IDU Dimensions (W x H x D)	in	14~1/2 x 24 x 21	17~1/2 x 24 x 21	17~1/2 x 26 x 21	21 x 26 x 21	21 x 30 x 21
	ODU Dimensions (W x H x D)	in	34~1/4 x 25~9/32 x 13	41~3/16 x 28~1/16 x 18~5/32	37~9/32 x 32~27/32 x 13	37~9/32 x 32~27/32 x 13	37~9/32 x 54~1/32 x 13
Weight	IDU Weight (Net / Shipping)	lbs	44 / 49	46 / 52	54 / 60	55 / 62	63 / 70
	ODU Weight (Net / Shipping)	lbs	92.6 / 103.6	92.6 / 103.6	128.5 / 144.6	128.5 / 144.6	190.2 / 214.3
Unit Data	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	450 ~ 600	600 ~ 800	840 ~ 1,200	840 ~ 1,200	1,050 ~ 1,400
	Dehumidification	pts/hr	2.75	4.23	7.17	7.17	7.9
	Compressor Type		Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
	Refrigerant Type		R-32	R-32	R-32	R-32	R-32
Sound Pressure	Outdoor Max (Cool / Heat)	dB(A)	52 / 54	52 / 54	52 / 54	52 / 54	54 / 56
Piping	Indoor Unit Piping Liquid (in., O.D.)	in	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Indoor Unit Piping Vapor (in., O.D.)	in	3/8 Flare	3/8 Flare	3/4 Flare	3/4 Flare	3/4 Flare
	Pipe Length (Min / Max)	ft	16.4 / 98.4	16.4 / 98.4	16.4 / 98.4	16.4 / 98.4	16.4 / 164
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6	24.6	24.6
	Max Pipe Elevation	ft	49	49	49	49	98.4
	Pre-Charge + add'l charge for A-Coil	lbs	3.081 + 0.219	3.081 + 0.219	4.406 + 0	4.406 + 0	6.625 + 0
	Additional Refrigerant	oz/ft	0.54	0.54	0.54	0.54	0.54
Condensation Line (OD, ID)			3/4	3/4	3/4	3/4	3/4
ENERGY STAR® / Cold Climate			No / No	No / No	No / No	No / No	No / No

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

A-Coil - CV

Specification			48 kBtu/h	48 kBtu/h	60 kBtu/h	60 kBtu/h
System			KSSME48CA	KSSME48DA	KSSME60CA	KSSME60DA
Indoor Unit			LKMMMA48C1	LKMMMA48D1	LKMMMA60C1	LKMMMA60D1
Outdoor Unit			KUSXE481A	KUSXE481A	KUSXE601A	KUSXE601A
Capacity	Cooling Capacity (Min~Rated~Max)	Btu/h	18,200~45,500~52,300	18,200~45,500~52,300	20,000~53,500~61,500	20,000~53,500~61,500
	Heating Capacity (Min~Rated~Max)	Btu/h	18,200~48,000~55,200	20,200~49,000~56,300	21,800~55,000~63,200	21,800~55,500~63,800
	Max Heating Capacity at 17 °F	Btu/h	45,000	46,000	49,000	49,500
	Max Heating Capacity at 5 °F	Btu/h	37,000	38,000	35,500	39,500
	SEER2		14.3	14.3	14.3	14.3
	EER2		10.7	11	9.6	10.2
	HSPF2		8.5	8.5	8.5	8.5
COP at 47°F			3.09	3.19	3.09	3.19
Power	Voltage (IDU)	V, Hz, Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	Cooling Power Input (Min~Rated~Max)	kW	1.56~4.25~5.20	1.45~4.14~5.10	1.75~5.57~6.60	1.72~5.25~6.50
	Heating Power Input (Min~Rated~Max)	kW	1.45~4.54~5.50	1.45~4.49~5.50	1.74~5.20~6.40	1.74~5.08~6.30
	MCA / MOP (ODU)	A	30.7 / 40	30.7 / 40	30.7 / 40	30.7 / 40
	Power / Com Wiring (ODU to IDU)	No. x AWG	3 x 10	3 x 10	3 x 10	3 x 10
	Rated Amps	A	1.6 x 2	1.6 x 2	1.6 x 2	1.6 x 2
Operation Range	ODU Operation Range Cooling	°F WB	14 to 118	14 to 118	14 to 118	14 to 118
	ODU Operation Range Heating	°F DB	4 to 64	4 to 64	4 to 64	4 to 64
Dimensions	IDU Dimensions (W x H x D)	in	21 x 30 x 21	24-1/2 x 34 x 21	21 x 30 x 21	24-1/2 x 34 x 21
	ODU Dimensions (W x H x D)	in	37-11/32 x 54-11/32 x 13	37-11/32 x 54-11/32 x 13	37-11/32 x 54-11/32 x 13	37-11/32 x 54-11/32 x 13
Weight	IDU Weight (Net / Shipping)	lbs	63 / 70	73 / 82	63 / 70	73 / 82
	ODU Weight (Net / Shipping)	lbs	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3
Unit Data	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	1,200 ~ 1,600	1,200 ~ 1,600	1,300 ~ 1,740	1,300 ~ 1,740
	Dehumidification	pts/hr	8.06	8.06	8.8	8.8
	Compressor Type		Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
	Refrigerant Type		R-32	R-32	R-32	R-32
Sound Pressure	Indoor Max (Cool / Heat)	dB(A)	54 / 56	54 / 56	54 / 56	54 / 56
Piping	Indoor Unit Piping Liquid (in., O.D.)	in	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Indoor Unit Piping Vapor (in., O.D.)	in	3/4 Flare	3/4 Flare	3/4 Flare	3/4 Flare
	Pipe Length (Min / Max)	ft	16.4 / 164	16.4 / 164	16.4 / 164	16.4 / 164
	Piping Length (no add'l refrigerant)	ft	24.6	24.6	24.6	24.6
	Max Pipe Elevation	ft	98.4	98.4	98.4	98.4
	Pre-Charge + add'l charge for A-Coil	lbs	6.625 + 0	6.625 + 0	6.625 + 0	6.625 + 0
	Additional Refrigerant	oz/ft	0.54	0.54	0.54	0.54
Condensation Line (OD, ID)			in 3/4	in 3/4	in 3/4	in 3/4
ENERGY STAR® / Cold Climate			No / No	No / No	No / No	No / No

80% Furnace



Specification			Standard 80	Standard 80	Standard 80	Standard 80
System			KSSPB181A040-A1	KSSPB181A060-B1	KSSPB241A060-B1	KSSPB301A060-B1
Outdoor			KUSXB181A	KUSXB181A	KUSXB241A	KUSXB301A
A-Coil			LKMMMA18A1	LKMMMA18B1	LKMMMA24B1	LKMMMA30B1
Furnace			LNAEA040A1	LNAEA060B1	LNAEA060B1	LNAEA060B1
Performance	Cooling Capacity (Min~Rated~Max)		7,200~18,000~20,000	7,200~18,000~20,000	9,400~23,000~26,000	9,700~27,000~29,000
	SEER2		17.5	17	17	17
	EER2		11.5	11.5	11	11
	Heating Capacity (Min~Rated~Max)		6,700~19,000~22,000	6,700~19,000~22,000	12,000~26,000~30,000	12,900~30,000~33,000
	HSPF2		9.0	9.0	9.0	8.5
	Max. Heating Outdoor 17°F WB		19,800	19,800	23,100	27,500
	Max. Heating Outdoor 5°F WB		18,000	18,000	21,000	25,000
	Max. Heating Outdoor -4°F WB		16,200	16,200	18,500	22,800
Electrical	Power Supply	V/Hz/Ø	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
	MOP (ODU)	A	25	25	25	30
	MCA (ODU)	A	16.0	16.0	16.0	19.1
	Cooling Rated Amps	A	6.9	6.9	9.2	10.8
	Heating Rated Amps	A	7.5	7.0	10	11.4
	ODU LRA	A	11.5	11.5	11.5	14.0
	Fan Motor FLA (ODU)	A	1.6	1.6	1.6	1.6
	Cooling Power Input (Min~Rated~Max @95°F)	kW	0.55~1.565~1.80	0.58~1.565~1.88	0.79~2.091~2.53	0.86~2.455~2.95
	Heating Power Input (Min~Rated~Max @47°F)	kW	0.51~1.700~2.21	0.46~1.600~2.08	0.75~2.280~2.85	0.86~2.600~3.12
Piping	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.	5/8 Flare	5/8 Flare	5/8 Flare	5/8 Flare
	Additional Refrigerant	oz/ft	0.38	0.38	0.38	0.38
	Min. / Max. Pipe Length	ft	16.4 / 164	16.4 / 164	16.4 / 164	16.4 / 164
	Piping Length (no add'l refig.)	ft	24.6	24.6	24.6	24.6
	Max. Elevation	ft	98.4	98.4	98.4	98.4
Operating Range	Cooling	°F DB	5 - 118	5 - 118	5 - 118	5 - 118
	Heating	°F WB	-4 - 64	-4 - 64	-4 - 64	-4 - 64
Outdoor Unit	Compressor	Type x Qty.	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
	Refrigerant Type		R-32	R-32	R-32	R-32
	Refrigerant Control		EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.	4.2 + 0	4.2 + 0	4.2 + 0	4.2 + 0
	Sound Pressure (Cooling / Heating) (±1)	dB(A)	48 / 52	48 / 52	48 / 52	52 / 54
	Net / Shipping Weight	lbs.	136 / 154.3	136 / 154.3	136 / 154.3	141.1 / 159.4
Fan	ODU Fan Type x Qty.		Axial x 1	Axial x 1	Axial x 1	Axial x 1
	ODU Motor/Drive		Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct
	ODU Air Flow Rate Max	CFM	2048	2048	2048	2048
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	450~600	450~600	600~800	750~1,000
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. w.g.	0.1~0.8	0.1~0.8	0.1~0.8	0.1~0.8
	Dehumidification	pts./hr.	2.75	2.75	4.23	5.6
	Nominal Capacity	Btu/h	18,000	18,000	23,000	27,000
A-Coil Unit	Type		14.5 inch	17.5 inch	17.5 inch	17.5 inch
	Coil Material		Aluminum	Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.	14-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 26 x 21
	Net / Shipping Weight	lbs.	136 / 154.3	136 / 154.3	136 / 154.3	141.1 / 159.4
	Liquid Piping	in., O.D.	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
	Vapor Piping	in., O.D.	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
Gas Furnace	Input (Natural/Propane)	Btu/h	40,000 / 40,000	60,000 / 60,000	60,000 / 60,000	60,000 / 60,000
	Output (Natural/Propane)	Btu/h	32,000 / 32,000	48,000 / 48,000	48,000 / 48,000	48,000 / 48,000
	Air Temperature Rise	°F	20-50	25-55	25-55	25-55
	Design Max. Outlet Air Temp.	°F	150	155	155	155
	AFUE		80	80	80	80
	Blower Type / Fan Speed No.		Centrifugal/5	Centrifugal/5	Centrifugal/5	Centrifugal/5
	Motor Type		ECM	ECM	ECM	ECM
	Airflow Range	CFM	450~1,169	600~1,288	600~1,288	600~1,288
	Ignition Type / No. of Burners		Automatic/3	Automatic/3	Automatic/3	Automatic/3
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.	4.5 / 10.5	4.5 / 10.5	4.5 / 10.5	4.5 / 10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.	11/13	11/13	11/13	11 / 13
	Case Width x Height x Depth	in.	14-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2	17-1 / 2 x 33-3/4 x 28-1/2
	Shipping Weight	lbs.	132	141	141	141
	Power Supply	V/Hz/Ø	115/60/1	115/60/1	115/60/1	115/60/1
	MOP	A	15	15	15	15
	MCA	A	8	8	8	8

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

80% Furnace

Specification			Standard 80	Standard 80	Standard 80	Standard 80
	System		KSSPB361A060-B1	KSSPB361A080-C1	KSSPB421A100-C1	KSSPB481A100-C1
	Outdoor		KUSXB361A	KUSXB361A	KUSXB421A	KUSXB481A
	A-Coil		LKMMA36B1	LKMMA36C1	LKMMA42C1	LKMMA48C1
	Furnace		LNAEA060B1	LNAEA080C1	LNAEA100C1	LNAEA100C1
Performance	Cooling Capacity (Min~Rated~Max)		12,500~33,000~35,000	12,900~34,000~37,000	16,400~41,000~43,000	18,200~45,500~49,000
	SEER2		175	175	172	17
	EER2		11.3	11.7	11.00	11.00
	Heating Capacity (Min~Rated~Max)		14,800~36,000~41,000	14,800~36,000~43,000	16,700~44,000~48,000	20,200~48,000~53,000
	HSPF2		8.5	9.0	9.5	9.4
	Max. Heating Outdoor 17°F WB		35,500	37,700	40,000	40,000
	Max. Heating Outdoor 5°F WB		32,000	34,000	37,000	37,000
	Max. Heating Outdoor -4°F WB		29,100	30,900	32,900	31,800
Electrical	Power Supply	V/Hz/Ø	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
	MOP (ODU)	A	35	35	40	40
	MCA (ODU)	A	32	32	32	32
	Cooling Rated Amps (A)	A	12.8	12.8	16.4	18.2
	Heating Rated Amps (A)	A	13.2	12.7	15.2	17.2
	ODU LRA	A	22.0	22.0	22.0	22.0
	Fan Motor FLA (ODU)	A	1.6 + 1.6	1.6 + 1.6	1.6 + 1.6	1.6 + 1.6
	Cooling Power Input (Min~Rated~Max @95°F)	kW	1.02~2.920~3.24	1.02~2.906~3.43	1.34~3.727~4.06	1.45~4.136~4.67
	Heating Power Input (Min~Rated~Max @47°F)	kW	0.84~3.000~3.96	0.99~2.900~3.83	1.21~3.450~4.49	1.37~3.910~4.89
	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
Piping	Vapor Piping (ODU)	in., O.D.	5/8 Flare	5/8 Flare	5/8 Flare	5/8 Flare
	Additional Refrigerant	oz/ft	0.43	0.43	0.43	0.43
	Min. / Max. Pipe Length	ft	16.4 / 246	16.4 / 246	16.4 / 246	16.4 / 246
	Piping Length (no add'l refig.)	ft	24.6	24.6	24.6	24.6
	Max. Elevation	ft	98.4	98.4	98.4	98.4
Operating Range	Cooling	°F DB	5 - 118	5 - 118	5 - 118	5 - 118
	Heating	°F WB	-4 - 64	-4 - 64	-4 - 64	-4 - 64
Outdoor Unit	Compressor	Type x Qty.	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1
	Refrigerant Type		R-32	R-32	R-32	R-32
	Refrigerant Control		EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.	6.63 + 0.88	6.63 + 0.88	6.63 + 0.88	6.63 + 0.88
	Sound Pressure (Cooling / Heating) (±1)	dB(A)	52 / 54	52 / 54	54 / 56	54 / 56
	Net / Shipping Weight	lbs.	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3
Fan	ODU Fan Type x Qty.		Axial x 2	Axial x 2	Axial x 2	Axial x 2
	ODU Motor/Drive		Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct
	ODU Air Flow Rate Max	CFM	1,942 x 2	1,942 x 2	1,942 x 2	1,942 x 2
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	840~1,200	840~1,200	1,050~1,400	1,200~1,600
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. wg.	0.1~0.8	0.1~0.8	0.1~0.8	0.1~0.8
	Dehumidification	pts./hr.	717	717	79	8.06
	Nominal Capacity	Btu/h	33,000	34,000	41,000	45,500
A-Coil Unit	Type		17.5 inch	21 inch	21 inch	21 inch
	Coil Material		Aluminum	Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.	17-1/2 x 26 x 21	21 x 26 x 21	21 x 30 x 21	21 x 30 x 21
	Net / Shipping Weight	lbs.	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3
	Liquid Piping	in., O.D.	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
Gas Furnace	Vapor Piping	in., O.D.	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
	Input (Natural/Propane)	Btu/h	60,000 / 60,000	80,000 / 80,000	100,000 / 100,000	100,000 / 100,000
	Output (Natural/Propane)	Btu/h	48,000 / 48,000	64,000 / 64,000	80,000 / 80,000	80,000 / 80,000
	Air Temperature Rise	°F	25-55	30-60	30-60	30-60
	Design Max. Outlet Air Temp.	°F	155	160	160	160
	AFUE		80	80	80	80
	Blower Type / Fan Speed No.		Centrifugal/5	Centrifugal/5	Centrifugal/5	Centrifugal/5
	Motor Type		ECM	ECM	ECM	ECM
	Airflow Range	CFM	600~1,288	600~1,240	1,001~1,733	1,001~1,733
	Ignition Type / No. of Burners		Automatic/3	Automatic/5	Automatic/6	Automatic/6
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.	4.5/10.5	4.5/10.5	4.5/10.5	4.5/10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.	11/13	11/13	11/13	11/13
	Case Width x Height x Depth	in.	17-1/2 x 33-3/4 x 28-1/2	21 x 33-3/4 x 28-1/2	21 x 33-3/4 x 28-1/2	21 x 33-3/4 x 28-1/2
	Shipping Weight	lbs.	163	177	141	177
	Power Supply	V/Hz/Ø	115/60/1	115/60/1	115/60/1	115/60/1
	MOP	A	15	15	20	20
	MCA	A	8	8	14	14

80% Furnace



Specification			KSSPB481A120-D1	KSSPB601A100-D1	KSSPB601A120-D1
			System	System	System
			Outdoor	Outdoor	Outdoor
			A-Coil	A-Coil	A-Coil
			Furnace	Furnace	Furnace
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h	17,300~45,500~49,000	19,800~52,000~56,000	20,800~52,000~56,000
	SEER2		17	17	17.3
	EER2		11.00	11.00	11.00
	Heating Capacity (Min~Rated~Max)	Btu/h	18,700~48,000~53,000	21,100~54,000~57,000	19,800~55,000~59,000
	HSPF2		9.4	9.0	9.4
	Max. Heating Outdoor 17°F WB		40,000	45,400	46,400
	Max. Heating Outdoor 5°F WB		37,000	42,000	43,000
Electrical	Max. Heating Outdoor -4°F WB		31,500	35,700	38,300
	Power Supply	V/Hz/Ø	208-230/60/1	208-230/60/1	208-230/60/1
	MOP (ODU)	A	40	40	40
	MCA (ODU)	A	32	32	32
	Cooling Rated Amps	A	18.2	20.8	20.8
	Heating Rated Amps	A	16.7	19.3	19.3
	ODU LRA	A	22.0	22.0	22.0
	Fan Motor FLA (ODU)	A	1.6 + 1.6	1.6 + 1.6	1.6 + 1.6
	Cooling Power Input (Min~Rated~Max @95°F)	kW	1.45~4.136~4.50	1.65~4.727~5.14	1.70~4.727~5.14
	Heating Power Input (Min~Rated~Max @47°F)	kW	1.33~3.800~4.75	1.54~4.400~5.28	1.54~4.400~5.50
Piping	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.	5/8 Flare	3/4 Flare	3/4 Flare
	Additional Refrigerant	oz/ft	0.43	0.43	0.43
	Min. / Max. Pipe Length	ft	16.4 / 246	16.4 / 246	16.4 / 246
	Piping Length (no add'l refig.)	ft	24.6	24.6	24.6
	Max. Elevation	ft	98.4	98.4	98.4
Operating Range	Cooling	°F DB	5 - 118	5 - 118	5 - 118
	Heating	°F WB	-4 - 64	-4 - 64	-4 - 64
Outdoor Unit	Compressor	Type x Qty.	22.0	22.0	22.0
	Refrigerant Type		R-32	R-32	R-32
	Refrigerant Control		EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.	6.63 + 0.88	7.50 + 0.88	7.50 + 0.88
	Sound Pressure (Cooling / Heating) (±1)	dB(A)	54 / 56	54 / 56	54 / 56
Fan	Net / Shipping Weight	lbs.	190.2 / 214.3	213.4 / 232.4	213.4 / 232.4
	ODU Fan Type x Qty.		Axial x 2	Axial x 2	Axial x 2
	ODU Motor/Drive		Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct
	ODU Air Flow Rate Max		1,942 x 2	1,942 x 2	1,942 x 2
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	1,200~1,600	1,300~1,740	1,300~1,740
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. w.g.	0.1~0.8	0.1~0.8	0.1~0.8
	Dehumidification	pts./hr.	8.06	8.8	8.8
A-Coil Unit	Nominal Capacity	Btu/h	45,500	52,000	52,000
	Type		24.5 inch	21 inch	24.5 inch
	Coil Material		Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.	24-1/2 x 34 x 21	21 x 30 x 21	24-1/2 x 34 x 21
	Net / Shipping Weight	lbs.	190.2 / 214.3	213.4 / 232.4	213.4 / 232.4
	Liquid Piping	in., O.D.	3/8 Braze	3/8 Braze	3/8 Braze
Gas Furnace	Vapor Piping	in., O.D.	3/4 Braze	3/4 Braze	3/4 Braze
	Input (Natural/Propane)	Btu/h	120,000 / 120,000	100,000 / 100,000	120,000 / 120,000
	Output (Natural/Propane)	Btu/h	96,000 / 96,000	80,000 / 80,000	96,000 / 96,000
	Air Temperature Rise	°F	35-65	30-60	35-65
	Design Max. Outlet Air Temp.	°F	165	160	165
	AFUE		80	80	80
	Blower Type / Fan Speed No.		Centrifugal/5	Centrifugal/5	Centrifugal/5
	Motor Type		ECM	ECM	ECM
	Airflow Range	CFM	1,148~1,917	1,001~1,733	1,148~1,917
	Ignition Type / No. of Burners		Automatic/7	Automatic/6	Automatic/7
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.	4.5/10.5	4.5/10.5	4.5/10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.	11/13	11/13	11/13
	Case Width x Height x Depth	in.	24-1/2 x 33-3/4 x 28-1/2	21 x 33-3/4 x 28-1/2	24-1/2 x 33-3/4 x 28-1/2
	Shipping Weight	lbs.	190	177	190
	Power Supply	V/Hz/Ø	115/60/1	115/60/1	115/60/1
	MOP	A	20	20	20
	MCA	A	14	14	14

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.



96% Furnace



Specification			System	KSSSB181A060-B1	KSSSB241A060-B1	KSSSB241A080-B1	KSSSB301A060-B1
			Outdoor	KUSXB181A	KUSXB241A	KUSXB241A	KUSXB301A
			A-Coil	LKMMA18B1	LKMMA24B1	LKMMA24B1	LKMMA30B1
			Furnace	LNAVE060B1	LNAVE060B1	LNAVE080B1	LNAVE060B1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h		7,200~18,000~20,000	9,400~23,000~26,000	9,400~23,000~26,000	9,700~27,000~29,000
	SEER2			17	17	17	17
	EER2			11.5	11.00	11.00	11.00
	Heating Capacity (Min~Rated~Max)	Btu/h		6,700~19,000~22,000	12,000~26,000~30,000	12,000~26,000~30,000	12,900~30,000~33,000
	HSPF2			9.0	9.0	9.0	8.5
	Max. Heating Outdoor 17°F WB			19,800	23,100	23,100	27,500
	Max. Heating Outdoor 5°F WB			18,000	21,000	21,000	25,000
Electrical	Max. Heating Outdoor -4°F WB			16,200	18,500	18,500	22,800
	Power Supply	V/Hz/Ø		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
	MOP (ODU)	A		25	25	25	30
	MCA (ODU)	A		16.0	16.0	16.0	19.1
	Cooling Rated Amps	A		6.9	9.2	9.2	10.8
	Heating Rated Amps	A		7.0	10	10	11.4
	ODU LRA	A		11.5	11.5	11.5	14.0
	Fan Motor FLA (ODU)	A		1.6	1.6	1.6	1.6
	Cooling Power Input (Min~Rated~Max @95°F)	kW		0.58~1.565~1.88	0.79~2.091~2.53	0.79~2.091~2.53	0.86~2.455~2.95
	Heating Power Input (Min~Rated~Max @47°F)	kW		0.46~1.600~2.08	0.75~2.280~2.85	0.75~2.280~2.85	0.86~2.600~3.12
Piping	Liquid Piping (ODU)	in., O.D.		3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.		5/8 Flare	5/8 Flare	5/8 Flare	5/8 Flare
	Additional Refrigerant	oz/ft		0.38	0.38	0.38	0.38
	Min. / Max. Pipe Length	ft		16.4 / 164	16.4 / 164	16.4 / 164	16.4 / 164
	Piping Length (no add'l refig.)	ft		24.6	24.6	24.6	24.6
	Max. Elevation	ft		98.4	98.4	98.4	98.4
Operating Range	Cooling	°F DB		5 - 118	5 - 118	5 - 118	5 - 118
	Heating	°F WB		-4 - 64	-4 - 64	-4 - 64	-4 - 64
Outdoor Unit	Compressor	Type x Qty.		Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1	R1 Scroll x 1
	Refrigerant Type			R-32	R-32	R-32	R-32
	Refrigerant Control			EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.		4.2 + 0	4.2 + 0	4.2 + 0	4.2 + 0
	Sound Pressure (Cooling / Heating) (±1)	dB(A)		48 / 52	48 / 52	48 / 52	52 / 54
Fan	Net / Shipping Weight	lbs.		136 / 154.3	136 / 154.3	136 / 154.3	1411 / 159.4
	ODU Fan Type x Qty.			Axial x 1	Axial x 1	Axial x 1	Axial x 1
	ODU Motor/Drive			Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct
	ODU Air Flow Rate Max			2048	2048	2048	2048
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM		450~600	600~800	600~800	750~1,000
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. w.g.		0.1~0.8	0.1~0.8	0.1~0.8	0.1~0.8
	Dehumidification	pts./hr.		2.75	4.23	4.23	5.6
A-Coil Unit	Nominal Capacity	Btu/h		18,000	23,000	23,000	27,000
	Type			17.5 inch	17.5 inch	17.5 inch	17.5 inch
	Coil Material			Aluminum	Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.		17-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 26 x 21
	Net / Shipping Weight	lbs.		136 / 154.3	136 / 154.3	136 / 154.3	1411 / 159.4
	Liquid Piping	in., O.D.		3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
Gas Furnace	Vapor Piping	in., O.D.		3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
	Input (Natural/Propane)	Btu/h		60,000/60,000	60,000/60,000	80,000/80,000	60,000/60,000
	Output (Natural/Propane)	Btu/h		57,000/57,000	57,000/57,000	76,000/76,000	57,000/57,000
	Air Temperature Rise	°F		30~60	30~60	35~65	30~60
	Design Max. Outlet Air Temp.	°F		160	160	165	160
	AFUE			96	96	96	96
	Blower Type / Fan Speed No.			Centrifugal/5	Centrifugal/5	Centrifugal/5	Centrifugal/5
	Motor Type			ECM	ECM	ECM	ECM
	Airflow Range	CFM		553~1,335	553~1,335	569~1,251	553~1,335
	Ignition Type / No. of Burners			Automatic/3	Automatic/3	Automatic/4	Automatic/3
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.		4.5/10.5	4.5/10.5	4.5/10.5	4.5/10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.		11/13	11/13	11/13	11/13
	Case Width x Height x Depth	in.		17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2
	Shipping Weight	lbs.		162	162	168	162
	Power Supply	V/Hz/Ø		115/60/1	115/60/1	115/60/1	115/60/1
	MOP	A		15	15	15	15
	MCA	A		8	8	8	8

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

96% Furnace



Specification						
		System	KSSSB301A080-B1	KSSSB361A060-B1	KSSSB361A080-B1	KSSSB361A080-C1
		Outdoor	KUSXB301A	KUSXB361A	KUSXB361A	KUSXB361A
		A-Coil	LKMAA30B1	LKMAA36B1	LKMAA36B1	LKMAA36C1
		Furnace	LNAVE080B1	LNAVE060B1	LNAVE080B1	LNAVE080C1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h	9,700~27,000~29,000	12,500~33,000~35,000	12,500~33,000~35,000	12,900~34,000~37,000
	SEER2		17	17.5	17.5	17.5
	EER2		11.00	11.30	11.30	11.70
	Heating Capacity (Min~Rated~Max)	Btu/h	12,900~30,000~33,000	14,800~36,000~41,000	14,800~36,000~41,000	14,800~36,000~43,000
	HSPF2		8.5	8.5	8.5	9.0
	Max. Heating Outdoor 17°F WB		27,500	35,500	35,500	37,700
	Max. Heating Outdoor 5°F WB		25,000	32,000	32,000	34,000
Electrical	Max. Heating Outdoor -4°F WB		22,800	29,100	29,100	30,900
	Power Supply	V/Hz/Ø	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
	MOP (ODU)	A	30	35	35	35
	MCA (ODU)	A	191	32	32	32
	Cooling Rated Amps	A	10.8	12.8	12.8	12.8
	Heating Rated Amps	A	11.4	13.2	13.2	12.7
	ODU LRA	A	14.0	22.0	22.0	22.0
	Fan Motor FLA (ODU)	A	1.6	1.6 + 1.6	1.6 + 1.6	1.6 + 1.6
	Cooling Power Input (Min~Rated~Max @95°F)	kW	0.86~2.455~2.95	1.02~2.920~3.24	1.02~2.920~3.24	1.02~2.906~3.43
	Heating Power Input (Min~Rated~Max @47°F)	kW	0.86~2.600~3.12	0.84~3.000~3.96	0.84~3.000~3.96	0.99~2.900~3.83
Piping	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.	5/8 Flare	5/8 Flare	5/8 Flare	5/8 Flare
	Additional Refrigerant	oz/ft	0.38	0.43	0.43	0.43
	Min. / Max. Pipe Length	ft	16.4 / 164	16.4 / 246	16.4 / 246	16.4 / 246
	Piping Length (no add'l refrig.)	ft	24.6	24.6	24.6	24.6
	Max. Elevation	ft	98.4	98.4	98.4	98.4
Operating Range	Cooling	°F DB	5 - 118	5 - 118	5 - 118	5 - 118
	Heating	°F WB	-4 - 64	-4 - 64	-4 - 64	-4 - 64
Outdoor Unit	Compressor	Type x Qty.	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1
	Refrigerant Type		R-32	R-32	R-32	R-32
	Refrigerant Control		EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.	4.2 + 0	6.63 + 0.88	6.63 + 0.88	6.63 + 0.88
Fan	Sound Pressure (Cooling / Heating) (±1)	dB(A)	52 / 54	52 / 54	52 / 54	52 / 54
	Net / Shipping Weight	lbs.	1411 / 1594	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3
	ODU Fan Type x Qty.		Axial x 1	Axial x 2	Axial x 2	Axial x 2
	ODU Motor/Drive		Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct
	ODU Air Flow Rate Max	CFM	2048	1,942 x 2	1,942 x 2	1,942 x 2
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	750~1,000	840~1,200	840~1,200	840~1,200
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. wg.	0.1~0.8	0.1~0.8	0.1~0.8	0.1~0.8
	Dehumidification	pts./hr.	5.6	7.17	7.17	7.17
A-Coil Unit	Nominal Capacity	Btu/h	27,000	33,000	33,000	34,000
	Type		17.5 inch	17.5 inch	17.5 inch	21 inch
	Coil Material		Aluminum	Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.	17-1/2 x 26 x 21	17-1/2 x 26 x 21	17-1/2 x 26 x 21	21 x 26 x 21
	Net / Shipping Weight	lbs.	1411 / 1594	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3
	Liquid Piping	in., O.D.	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
Gas Furnace	Vapor Piping	in., O.D.	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
	Input (Natural/Propane)	Btu/h	80,000/80,000	60,000/60,000	80,000/80,000	80,000/80,000
	Output (Natural/Propane)	Btu/h	76,000/76,000	57,000/57,000	76,000/76,000	76,000/76,000
	Air Temperature Rise	°F	35-65	30-60	35-65	35-65
	Design Max. Outlet Air Temp.	°F	165	160	165	165
	AFUE		96	96	96	96
	Blower Type / Fan Speed No.		Centrifugal/5	Centrifugal/5	Centrifugal/5	Centrifugal/5
	Motor Type		ECM	ECM	ECM	ECM
	Airflow Range	CFM	569~1,251	553~1,335	569~1,251	577~1,253
	Ignition Type / No. of Burners		Automatic/4	Automatic/3	Automatic/4	Automatic/4
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.	4.5/10.5	4.5/10.5	4.5/10.5	4.5/10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.	11/13	11/13	11/13	11/13
	Case Width x Height x Depth	in.	17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2	21 x 33-3/4 x 28-1/2
	Shipping Weight	lbs.	168	162	168	185.5
	Power Supply	V/Hz/Ø	115/60/1	115/60/1	115/60/1	115/60/1
	MOP	A	15	15	15	15
	MCA	A	8	8	8	8

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

96% Furnace



Specification							
		System	KSSSB421A100-C1	KSSSB481A100-C1	KSSSB481A120-D1	KSSSB601A100-C1	KSSSB601A120-D1
		Outdoor	KUSXB421A	KUSXB481A	KUSXB481A	KUSXB601A	KUSXB601A
		A-Coil	LKMMMA42C1	LKMMMA48C1	LKMMMA48D1	LKMMMA60C1	LKMMMA60D1
		Furnace	LNAVE100C1	LNAVE100C1	LNAVE120D1	LNAVE100C1	LNAVE120D1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h	16,400~41,000~43,000	18,200~45,500~49,000	17,300~45,500~49,000	19,800~52,000~56,000	20,800~52,000~56,000
	SEER2		17.2	17	17	17	17.3
	EER2		11.00	11.00	11.00	11.00	11.00
	Heating Capacity (Min~Rated~Max HSPF2	Btu/h	16,700~44,000~48,000	20,200~48,000~53,000	18,700~48,000~53,000	21,100~54,000~57,000	19,800~55,000~59,000
	Max. Heating Outdoor 17°F WB		9.5	9.4	9.4	9.0	9.4
	Max. Heating Outdoor 5°F WB		40,000	40,000	40,000	45,400	46,400
	Max. Heating Outdoor -4°F WB		37,000	37,000	37,000	42,000	43,000
			32,900	31,800	31,500	35,700	38,300
Electrical	Power Supply	V/Hz/Ø	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
	MOP (ODU)	A	40	40	40	40	40
	MCA (ODU)	A	32	32	32	32	32
	Cooling Rated Amps	A	16.4	18.2	18.2	20.8	20.8
	Heating Rated Amps	A	15.2	17.2	16.7	19.3	19.3
	ODU LRA	A	22.0	22.0	22.0	22.0	22.0
	Fan Motor FLA (ODU)	A	1.6 + 1.6	1.6 + 1.6	1.6 + 1.6	1.6 + 1.6	1.6 + 1.6
	Cooling Power Input (Min~Rated~Max @95°F)	kW	1.34~3.727~4.06	1.45~4.136~4.67	1.45~4.136~4.50	1.65~4.727~5.14	1.70~4.727~5.14
	Heating Power Input (Min~Rated~Max @47°F)	kW	1.21~3.450~4.49	1.37~3.910~4.89	1.33~3.800~4.75	1.54~4.400~5.28	1.54~4.400~5.50
Piping	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.	5/8 Flare	5/8 Flare	5/8 Flare	3/4 Flare	3/4 Flare
	Additional Refrigerant	oz/ft	0.43	0.43	0.43	0.43	0.43
	Min. / Max. Pipe Length	ft	16.4 / 246	16.4 / 246	16.4 / 246	16.4 / 246	16.4 / 246
	Piping Length (no add'l refrig.)	ft	24.6	24.6	24.6	24.6	24.6
	Max. Elevation	ft	98.4	98.4	98.4	98.4	98.4
Operating Range	Cooling	°F DB	5 - 118	5 - 118	5 - 118	5 - 118	5 - 118
	Heating	°F WB	-4 - 64	-4 - 64	-4 - 64	-4 - 64	-4 - 64
Outdoor Unit	Compressor	Type x Qty.	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1
	Refrigerant Type		R-32	R-32	R-32	R-32	R-32
	Refrigerant Control		EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.	6.63 + 0.88	6.63 + 0.88	6.63 + 0.88	7.50 + 0.88	7.50 + 0.88
	Sound Pressure (Cooling / Heating) (±1)	dB(A)	54 / 56	54 / 56	54 / 56	54 / 56	54 / 56
	Net / Shipping Weight	lbs.	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3	213.4 / 232.4	213.4 / 232.4
Fan	ODU Fan Type x Qty.		Axial x 2	Axial x 2	Axial x 2	Axial x 2	Axial x 2
	ODU Motor/Drive		Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct
	ODU Air Flow Rate Max	CFM	1,942 x 2	1,942 x 2	1,942 x 2	1,942 x 2	1,942 x 2
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	1,050~1,400	1,200~1,600	1,200~1,600	1,300~1,740	1,300~1,740
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. w.g.	0.1~0.8	0.1~0.8	0.1~0.8	0.1~0.8	0.1~0.8
	Dehumidification	pts./hr.	79	8.06	8.06	8.8	8.8
A-Coil Unit	Nominal Capacity	Btu/h	41,000	45,500	45,500	52,000	52,000
	Type		21 inch	21 inch	24.5 inch	21 inch	24.5 inch
	Coil Material		Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.	21 x 30 x 21	21 x 30 x 21	24-1/2 x 34 x 21	21 x 30 x 21	24-1/2 x 34 x 21
	Net / Shipping Weight	lbs.	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3	213.4 / 232.4	213.4 / 232.4
	Liquid Piping	in., O.D.	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
	Vapor Piping	in., O.D.	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
Gas Furnace	Input (Natural/Propane)	Btu/h	100,000/100,000	100,000/100,000	120,000/120,000	100,000/100,000	120,000/120,000
	Output (Natural/Propane)	Btu/h	95,000/95,000	95,000/95,000	115,000/115,000	95,000/95,000	115,000/115,000
	Air Temperature Rise	°F	35-65	35-65	40-70	35-65	40-70
	Design Max. Outlet Air Temp.	°F	165	165	170	165	170
	AFUE		96	96	96	96	96
	Blower Type / Fan Speed No.		Centrifugal/5	Centrifugal/5	Centrifugal/5	Centrifugal/5	Centrifugal/5
	Motor Type		ECM	ECM	ECM	ECM	ECM
	Airflow Range	CFM	944~1,786	944~1,786	1,165~1,988	944~1,786	1,165~1,988
	Ignition Type / No. of Burners		Automatic/5	Automatic/5	Automatic/6	Automatic/5	Automatic/6
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.	4.5/10.5	4.5/10.5	4.5/10.5	4.5/10.5	4.5/10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.	11/13	11/13	11/13	11/13	11/13
	Case Width x Height x Depth	in.	21 x 33-3/4 x 28-1/2	21 x 33-3/4 x 28-1/2	24 x 33-3/4 x 28-1/2	21 x 33-3/4 x 28-1/2	24 x 33-3/4 x 28-1/2
	Shipping Weight	lbs.	191	191	210	191	210
	Power Supply	V/Hz/Ø	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1
	MOP	A	20	20	20	20	20
MCA	A	11.5	14	14	14	14	

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

80% Furnace with LGRED



Specification							
LGRED°			System	KSSPA181A060-B1	KSSPA241A060-B1	KSSPA301A060-B1	KSSPA361A060-B1
			Outdoor	KUSXA181A	KUSXA241A	KUSXA301A	KUSXA361A
			A-Coil	LKMMA18B1	LKMMA24B1	LKMMA30B1	LKMMA36B1
			Furnace	LNAEA060B1	LNAEA060B1	LNAEA060B1	LNAEA060B1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h	7,200~18,000~20,000	9,400~23,000~26,000	10,400~29,000~32,000	12,500~33,000~35,000	
	SEER2		17	17	18	18	
	EER2		11.5	11.3	11.7	11.5	
	Heating Capacity (Min~Rated~Max)	Btu/h	7,000~20,000~23,000	12,000~26,000~30,000	13,800~32,000~35,000	14,800~36,000~41,000	
	HSPF2		9.5	9.3	9	9	
	Max. Heating Outdoor 17°F WB		20,900	25,300	35,200	36,600	
	Max. Heating Outdoor 5°F WB		19,000	23,000	32,000	33,000	
	Max. Heating Outdoor -4°F WB		17,100	20,500	28,500	29,700	
Electrical	Power Supply	V/Hz/Ø	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	
	MOP (ODU)	A	30	30	35	35	
	MCA (ODU)	A	191	191	32	32	
	Cooling Rated Amps	A	38,700	89	109	129	
	Heating Rated Amps	A	7	97	11.5	14.1	
	ODU LRA	A	14.0	14.0	22.0	22.0	
	Fan Motor FLA (ODU)	A	1.6	1.6	1.6	1.6	
	Cooling Power Input (Min~Rated~Max @95°F)	kW	0.58~1.565~1.88	0.77~2.035~2.46	0.87~2.479~2.97	1.00~2.870~3.19	
	Heating Power Input (Min~Rated~Max @47°F)	kW	0.46~1.600~2.08	0.73~2.200~2.75	0.86~2.620~3.14	0.83~2.960~3.91	
Piping	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare	
	Vapor Piping (ODU)	in., O.D.	5/8 Flare	5/8 Flare	5/8 Flare	5/8 Flare	
	Additional Refrigerant	oz/ft	0.38	0.38	0.43	0.43	
	Min. / Max. Pipe Length	ft	16.4 / 164	16.4 / 164	16.4 / 246	16.4 / 246	
	Piping Length (no add'l refrig.)	ft	24.6	24.6	24.6	24.6	
	Max. Elevation	ft	98.4	98.4	98.4	98.4	
Operating Range	Cooling	°F DB	5 - 118	5 - 118	5 - 118	5 - 118	
	Heating	°F WB	-13 - 64	-13 - 64	-13 - 64	-13 - 64	
Outdoor Unit	Compressor	Type x Qty.	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1	
	Refrigerant Type		R-32	R-32	R-32	R-32	
	Refrigerant Control		EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil	
	Pre-Charge + Additional Charge for A-Coil		4.2 + 0	4.2 + 0	6.63 + 0.88	6.63 + 0.88	
	Sound Pressure (Cooling / Heating) (±1)						
	Net / Shipping Weight		141.8 / 160.1	141.8 / 160.1	190.2 / 214.3	190.2 / 214.3	
Fan	ODU Fan Type x Qty.		Axial x 1	Axial x 1	Axial x 2	Axial x 2	
	ODU Motor/Drive		Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	
	ODU Air Flow Rate Max	CFM	2,048	2,048	1,942 x 2	1,942 x 2	
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	450~600	600~800	750~1,000	840~1,200	
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. wg.	01~0.8	01~0.8	01~0.8	01~0.8	
	Dehumidification	pts./hr.	2.75	4.23	5.6	7.17	
A-Coil Unit	Nominal Capacity	Btu/h	18,000	23,000	29,000	33,000	
	Type		17.5 inch	17.5 inch	17.5 inch	17.5 inch	
	Coil Material		Aluminum	Aluminum	Aluminum	Aluminum	
	Case Width x Height x Depth		17-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 26 x 21	17-1/2 x 26 x 21	
	Net / Shipping Weight		141.8 / 160.1	141.8 / 160.1	190.2 / 214.3	190.2 / 214.3	
	Liquid Piping		3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze	
	Vapor Piping		3/4 Braze	3/4 Braze	3/4 Braze		
Gas Furnace	Input (Natural/Propane)	Btu/h	60,000/60,000	60,000/60,000	60,000/60,000	60,000/60,000	
	Output (Natural/Propane)	Btu/h	48,000/48,000	48,000/48,000	48,000/48,000	48,000/48,000	
	Air Temperature Rise	°F	25-55	25-55	25-55	25-55	
	Design Max. Outlet Air Temp.	°F	155	155	155	155	
	AFUE		80	80	80	80	
	Blower Type / Fan Speed No.		Centrifugal/5	Centrifugal/5	Centrifugal/5	Centrifugal/5	
	Motor Type		ECM	ECM	ECM	ECM	
	Airflow Range	CFM	600~1,288	600~1,288	600~1,288	600~1,288	
	Ignition Type / No. of Burners		Automatic/3	Automatic/3	Automatic/3	Automatic/3	
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.	5.0/10.5	5.0/10.5	5.0/10.5	5.0/10.5	
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.	11/14	11/14	11/14	11/14	
	Case Width x Height x Depth	in.	17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2	
	Shipping Weight	lbs.	141	141	141	141	
	Power Supply	V/Hz/Ø	115/60/1	115/60/1	115/60/1	115/60/1	
	MOP	A	15	15	15	15	
	MCA	A	8	8	8	8	

80% Furnace with LGRED

Specification						
LGRED®			System	KSSPA361A080-C1	KSSPA421A100-C1	KSSPA481A100-C1
			Outdoor	KUSXA361A	KUSXA422A	KUSXA482A
			A-Coil	LKMMMA36C1	LKMMMA42C1	LKMMMA48C1
			Furnace	LNAEA080C1	LNAEA100C1	LNAEA100C1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h		12,900~34,000~37,000	16,400~41,000~43,000	18,400~46,000~50,000
	SEER2			18	18.2	18
	EER2			11.7	11.7	11.5
	Heating Capacity (Min~Rated~Max)	Btu/h		14,800~36,000~43,000	16,700~44,000~48,000	20,200~48,000~53,000
	HSPF2			9.3	9.8	9.6
	Max. Heating Outdoor 17°F WB			37,700	45,400	47,500
	Max. Heating Outdoor 5°F WB			34,000	42,000	44,000
Electrical	Max. Heating Outdoor -4°F WB			30,900	37,400	38,700
	Power Supply	V/Hz/Ø		208-230/60/1	208-230/60/1	208-230/60/1
	MOP (ODU)	A		35	40	40
	MCA (ODU)	A		32	32	32
	Cooling Rated Amps	A		129	151	171
	Heating Rated Amps	A		141	167	185
	ODU LRA	A		22.0	22.0	22.0
	Fan Motor FLA (ODU)	A		1.6	1.6	1.6
	Cooling Power Input (Min~Rated~Max @95°F)	kW		102~2906~3.43	126~3504~3.81	140~4000~4.52
	Heating Power Input (Min~Rated~Max @47°F)	kW		099~2900~3.83	123~3500~4.55	134~3820~4.78
Piping	Liquid Piping (ODU)	in., O.D.		3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.		5/8 Flare	5/8 Flare	5/8 Flare
	Additional Refrigerant	oz/ft		0.43	0.43	0.43
	Min. / Max. Pipe Length	ft		16.4 / 246	16.4 / 246	16.4 / 246
	Piping Length (no add'l refig.)	ft		24.6	24.6	24.6
	Max. Elevation	ft		98.4	98.4	98.4
Operating Range	Cooling	°F DB		5 - 118	5 - 118	5 - 118
	Heating	°F WB		-13 - 64	-13 - 64	-13 - 64
Outdoor Unit	Compressor	Type x Qty.		R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1
	Refrigerant Type			R-32	R-32	R-32
	Refrigerant Control			EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil			6.63 + 0.88	7.50 + 0.88	7.50 + 0.88
	Sound Pressure (Cooling / Heating) (±1)			51/52	52/54	52/54
	Net / Shipping Weight			190.2 / 214.3	213.4 / 232.4	213.4 / 232.4
Fan	ODU Fan Type x Qty.			Axial x 2	Axial x 2	Axial x 2
	ODU Motor/Drive			Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct
	ODU Air Flow Rate Max	CFM		1,942 x 2	1,942 x 2	1,942 x 2
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM		840~1,200	1,050~1,400	1,200~1,600
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. w.g.		01~0.8	01~0.8	01~0.8
	Dehumidification	pts./hr.		717	79	806
A-Coil Unit	Nominal Capacity	Btu/h		34,000	41,000	46,000
	Type			21 inch	21 inch	24.5 inch
	Coil Material			Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth			21 x 26 x 21	21 x 30 x 21	21 x 30 x 21
	Net / Shipping Weight			190.2 / 214.3	213.4 / 232.4	213.4 / 232.4
	Liquid Piping			3/8 Braze	3/8 Braze	3/8 Braze
Gas Furnace	Vapor Piping			3/4 Braze	3/4 Braze	3/4 Braze
	Input (Natural/Propane)	Btu/h		80,000/80,000	100,000/100,000	100,000/100,000
	Output (Natural/Propane)	Btu/h		64,000/64,000	80,000/80,000	80,000/80,000
	Air Temperature Rise	°F		30~60	30~60	30~60
	Design Max. Outlet Air Temp.	°F		160	160	160
	AFUE			80	80	80
	Blower Type / Fan Speed No.			Centrifugal/5	Centrifugal/5	Centrifugal/5
	Motor Type			ECM	ECM	ECM
	Airflow Range	CFM		600~1,240	1,001~1,733	1,001~1,733
	Ignition Type / No. of Burners			Automatic/5	Automatic/6	Automatic/6
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.		4.5/10.5	4.5/10.5	4.5/10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.		11/13	11/13	11/13
	Case Width x Height x Depth	in.		21 x 33~3/4 x 28~1/2	21 x 33~3/4 x 28~1/2	21 x 33~3/4 x 28~1/2
	Shipping Weight	lbs.		163	177	177
	Power Supply	V/Hz/Ø		115/60/1	115/60/1	115/60/1
	MOP	A		15	20	20
	MCA	A		8	14	14

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

96% Furnace with LGRED



Specification						
LGRED°			System	KSSSA181A060-B1	KSSSA241A060-B1	KSSSA241A080-B1
			Outdoor	KUSXA181A	KUSXA241A	KUSXA241A
			A-Coil	LKMA18B1	LKMA24B1	LKMA24B1
			Furnace	LNAVE060B1	LNAVE060B1	LNAVE080B1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h		7,200~18,000~20,000	9,400~23,000~26,000	9,400~23,000~26,000
	SEER2			17	17	17
	EER2			11.5	11.3	11.3
	Heating Capacity (Min~Rated~Max)	Btu/h		7,000~20,000~23,000	12,000~26,000~30,000	12,000~26,000~30,000
	HSPF2			9.5	9.3	9.3
	Max. Heating Outdoor 17°F WB			20,900	25,300	25,300
	Max. Heating Outdoor 5°F WB			19,000	23,000	23,000
Electrical	Max. Heating Outdoor -4°F WB			17,100	20,500	20,500
	Power Supply	V/Hz/Ø		208-230/60/1	208-230/60/1	208-230/60/1
	MOP (ODU)	A		30	30	35
	MCA (ODU)	A		191	191	191
	Cooling Rated Amps	A		6.9	8.9	8.6
	Heating Rated Amps	A		7	9.7	9.7
	ODU LRA	A		14.0	14.0	14.0
Operating Range	Fan Motor FLA (ODU)	A		1.6	1.6	1.6
	Cooling Power Input (Min~Rated~Max @95°F)	kW		0.58~1.565~1.88	0.77~2.035~2.46	0.77~2.035~2.46
	Heating Power Input (Min~Rated~Max @47°F)	kW		0.46~1.600~2.08	0.73~2.200~2.75	0.73~2.200~2.75
Piping	Liquid Piping (ODU)	in., O.D.		3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.		5/8 Flare	5/8 Flare	5/8 Flare
	Additional Refrigerant	oz/ft		0.38	0.38	0.43
	Min. / Max. Pipe Length	ft		16.4 / 164	16.4 / 164	16.4 / 246
	Piping Length (no add'l refrig.)	ft		24.6	24.6	24.6
	Max. Elevation	ft		98.4	98.4	98.4
	Cooling	°F DB		5 - 118	5 - 118	5 - 118
Outdoor Unit	Heating	°F WB		-4 - 64	-4 - 64	-4 - 64
	Compressor	Type x Qty.		R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1
	Refrigerant Type			R-32	R-32	R-32
	Refrigerant Control			EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.		4.2 + 0	4.2 + 0	4.2 + 0
	Sound Pressure (Cooling / Heating) (±1)	dB(A)		51 / 52	51 / 52	51 / 52
	Net / Shipping Weight	lbs.		141.8 / 160.1	141.8 / 160.1	141.8 / 160.1
Fan	ODU Fan Type x Qty.			Axial x 1	Axial x 1	Axial x 1
	ODU Motor/Drive			Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct
	ODU Air Flow Rate Max	CFM		2,048	2,048	2,048
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM		450~600	600~800	600~800
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. wg.		0.1~0.8	0.1~0.8	0.1~0.8
	Dehumidification	pts./hr.		2.75	4.23	4.23
	Nominal Capacity	Btu/h		18,000	23,000	23,000
A-Coil Unit	Type			17.5 inch	17.5 inch	17.5 inch
	Coil Material			Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.		17-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 24 x 21
	Net / Shipping Weight	lbs.		141.8 / 160.1	141.8 / 160.1	141.8 / 160.1
	Liquid Piping	in., O.D.		3/8 Braze	3/8 Braze	3/8 Braze
	Vapor Piping	in., O.D.		3/4 Braze	3/4 Braze	3/4 Braze
	Input (Natural/Propane)	Btu/h		60,000/60,000	60,000/60,000	80,000/80,000
Gas Furnace	Output (Natural/Propane)	Btu/h		57,000/57,000	57,000/57,000	76,000/76,000
	Air Temperature Rise	°F		30~60	30~60	35~65
	Design Max. Outlet Air Temp.	°F		160	160	165
	AFUE			96	96	96
	Blower Type / Fan Speed No.			Centrifugal/5	Centrifugal/5	Centrifugal/5
	Motor Type			ECM	ECM	ECM
	Airflow Range	CFM		553~1,335	553~1,335	569~1,251
Gas Furnace	Ignition Type / No. of Burners			Automatic/3	Automatic/3	Automatic/4
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.		4.5/10.5	4.5/10.5	4.5/10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.		11/13	11/13	11/13
	Case Width x Height x Depth	in.		17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2
	Shipping Weight	lbs.		162	162	168
	Power Supply	V/Hz/Ø		115/60/1	115/60/1	115/60/1
	MOP	A		15	15	15
Gas Furnace	MCA	A		8	8	8

96% Furnace with LGRED

Specification							
LGRED° System			KSSSA301A080-B1	KSSSA361A060-B1	KSSSA361A080-B1	KSSSA361A080-C1	KSSSA421A100-C1
			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
			A-Coil	A-Coil	A-Coil	A-Coil	A-Coil
			Furnace	Furnace	Furnace	Furnace	Furnace
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h	10,400~29,000~32,000	12,500~33,000~35,000	12,500~33,000~35,000	12,900~34,000~37,000	16,400~41,000~43,000
	SEER2		18	18	18	18	18.2
	EER2		11.7	11.5	11.5	11.7	11.7
	Heating Capacity (Min~Rated~Max)	Btu/h	13,800~32,000~35,000	14,800~36,000~41,000	14,800~36,000~41,000	14,800~36,000~43,000	16,700~44,000~48,000
	HSPF2		9	9	9	9.3	9.8
	Max. Heating Outdoor 17°F WB		35,200	36,600	36,600	37,700	45,400
Electrical	Max. Heating Outdoor 5°F WB		32,000	33,000	33,000	34,000	42,000
	Max. Heating Outdoor -4°F WB		28,500	29,700	29,700	30,900	37,400
	Power Supply	V/Hz/Ø	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
	MOP (ODU)	A	35	35	35	35	40
	MCA (ODU)	A	32	32	32	32	32
	Cooling Rated Amps	A	11.2	12.9	12.9	12.9	15.1
	Heating Rated Amps	A	12.9	14.1	14.1	14.1	16.7
	ODU LRA	A	22.0	22.0	22.0	22.0	22.0
	Fan Motor FLA (ODU)	A	1.6 + 1.6	1.6 + 1.6	1.6 + 1.6	1.6 + 1.6	1.6 + 1.6
	Cooling Power Input (Min~Rated~Max @95°F)	kW	0.87~2.479~2.97	1.00~2.870~3.19	1.00~2.870~3.19	1.02~2.906~3.43	1.26~3.504~3.81
	Heating Power Input (Min~Rated~Max @47°F)	kW	0.86~2.620~3.14	0.83~2.960~3.91	0.83~2.960~3.91	0.99~2.900~3.83	1.23~3.500~4.55
Piping	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.	5/8 Flare	5/8 Flare	5/8 Flare	5/8 Flare	5/8 Flare
	Additional Refrigerant	oz/ft	0.43	0.43	0.43	0.43	0.43
	Min. / Max. Pipe Length	ft	16.4 / 246	16.4 / 246	16.4 / 246	16.4 / 246	16.4 / 246
	Piping Length (no add'l refrig.)	ft	24.6	24.6	24.6	24.6	24.6
Operating Range	Max. Elevation	ft	98.4	98.4	98.4	98.4	98.4
	Cooling	°F DB	5 - 118	5 - 118	5 - 118	5 - 118	5 - 118
Outdoor Unit	Heating	°F WB	-4 - 64	-4 - 64	-4 - 64	-4 - 64	-4 - 64
	Compressor	Type x Qty.	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1	R1 Scroll x 1
Fan	Refrigerant Type		R-32	R-32	R-32	R-32	R-32
	Refrigerant Control		EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.	6.63 + 0.88	6.63 + 0.88	6.63 + 0.88	6.63 + 0.88	7.50 + 0.88
	Sound Pressure (Cooling / Heating) (±1)	dB(A)	52 / 54	52 / 54	52 / 54	52 / 54	54 / 56
A-Coil Unit	Net / Shipping Weight	lbs.	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3	213.4 / 232.4
	ODU Fan Type x Qty.		Axial x 2	Axial x 2	Axial x 2	Axial x 2	Axial x 2
	ODU Motor/Drive		Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct
	ODU Air Flow Rate Max	CFM	1,942 x 2	1,942 x 2	1,942 x 2	1,942 x 2	1,942 x 2
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	750~1,000	840~1,200	840~1,200	840~1,200	1,050~1,400
Gas Furnace	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. w.g.	0.1~0.8	0.1~0.8	0.1~0.8	0.1~0.8	0.1~0.8
	Dehumidification	pts./hr.	5.6	7.17	7.17	7.17	7.9
	Nominal Capacity	Btu/h	29,000	33,000	33,000	34,000	41,000
	Type		17.5 inch	17.5 inch	17.5 inch	21 inch	21 inch
	Coil Material		Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
A-Coil Unit	Case Width x Height x Depth	in.	17-1/2 x 26 x 21	17-1/2 x 26 x 21	17-1/2 x 26 x 21	21 x 26 x 21	21 x 30 x 21
	Net / Shipping Weight	lbs.	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3	213.4 / 232.4
	Liquid Piping	in., O.D.	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
	Vapor Piping	in., O.D.	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
	Input (Natural/Propane)	Btu/h	80,000/80,000	60,000/60,000	80,000/80,000	80,000/80,000	100,000/100,000
	Output (Natural/Propane)	Btu/h	76,000/76,000	57,000/57,000	76,000/76,000	76,000/76,000	95,000/95,000
	Air Temperature Rise	°F	35~65	30~60	35~65	35~65	35~65
	Design Max. Outlet Air Temp.	°F	165	160	165	165	165
	AFUE		96	96	96	96	96
	Blower Type / Fan Speed No.		Centrifugal/5	Centrifugal/5	Centrifugal/5	Centrifugal/5	Centrifugal/5
Gas Furnace	Motor Type		ECM	ECM	ECM	ECM	ECM
	Airflow Range	CFM	569~1,251	553~1,335	569~1,251	577~1,253	994~1,786
	Ignition Type / No. of Burners		Automatic/4	Automatic/3	Automatic/4	Automatic/4	Automatic/5
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.	4.5/10.5	4.5/10.5	4.5/10.5	4.5/10.5	4.5/10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.	11/13	11/13	11/13	11/13	11/13
	Case Width x Height x Depth	in.	17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2	17-1/2 x 33-3/4 x 28-1/2	21 x 33-3/4 x 28-1/2	21 x 33-3/4 x 28-1/2
	Shipping Weight	lbs.	168	162	168	185.5	191
	Power Supply	V/Hz/Ø	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1
	MOP	A	15	15	15	15	20
	MCA	A	8	8	8	8	14

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

96% Furnace with LGRED



Specification				
LGRED°			System	KSSSA481A100-C1
			Outdoor	KUSXA482A
			A-Coil	LKMAA48C1
			Furnace	LNAVE100C1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h	18,400~46,000~50,000	18,200~48,000~51,000
	SEER2		18	17.3
	EER2		11.5	11.00
	Heating Capacity (Min~Rated~Max)	Btu/h	20,200~48,000~53,000	19,500~50,000~55,000
	HSPF2		9.6	9.5
	Max. Heating Outdoor 17°F WB		47,500	46,400
	Max. Heating Outdoor 5°F WB		44,000	43,000
	Max. Heating Outdoor -4°F WB		38,700	37,000
Electrical	Power Supply	V/Hz/Ø	208-230/60/1	208-230/60/1
	MOP (ODU)	A	40	40
	MCA (ODU)	A	32	32
	Cooling Rated Amps	A	17.1	17.1
	Heating Rated Amps	A	18.5	18.5
	ODU LRA	A	22.0	22.0
	Fan Motor FLA (ODU)	A	1.6 + 1.6	1.6 + 1.6
	Cooling Power Input (Min~Rated~Max @95°F)	kW	1.40~4.000~4.52	1.53~4.364~4.75
	Heating Power Input (Min~Rated~Max @47°F)	kW	1.34~3.820~4.78	1.33~3.800~4.75
Piping	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.	5/8 Flare	5/8 Flare
	Additional Refrigerant	oz/ft	0.43	0.43
	Min. / Max. Pipe Length	ft	16.4 / 246	16.4 / 246
	Piping Length (no add'l refrig.)	ft	24.6	24.6
	Max. Elevation	ft	98.4	98.4
Operating Range	Cooling	°F DB	5 - 118	5 - 118
	Heating	°F WB	-4 - 64	-4 - 64
Outdoor Unit	Compressor	Type x Qty.	R1 Scroll	R1 Scroll
	Refrigerant Type		R-32	R-32
	Refrigerant Control		EEV – ODU, TXV – A-Coil	EEV – ODU, TXV – A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.	750 + 0.88	750 + 0.88
	Sound Pressure (Cooling / Heating) (±1)	dB(A)	54 / 56	54 / 56
	Net / Shipping Weight	lbs.	213.4 / 232.4	213.4 / 232.4
Fan	ODU Fan Type x Qty.		Axial x 2	Axial x 2
	ODU Motor/Drive		Brushless Digitally Controlled/Direct	Brushless Digitally Controlled/Direct
	ODU Air Flow Rate Max	CFM	1,942 x 2	1,942 x 2
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	1,200~1,600	1,200~1,600
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. wg.	0.1~0.8	0.1~0.8
	Dehumidification	pts./hr.	8.06	8.06
	Nominal Capacity	Btu/h	46,000	48,000
A-Coil Unit	Type		21 inch	24.5 inch
	Coil Material		Aluminum	Aluminum
	Case Width x Height x Depth	in.	21 x 30 x 21	24-1/2 x 34 x 21
	Net / Shipping Weight	lbs.	213.4 / 232.4	213.4 / 232.4
	Liquid Piping	in., O.D.	3/8 Braze	3/8 Braze
	Vapor Piping	in., O.D.	3/4 Braze	3/4 Braze
Gas Furnace	Input (Natural/Propane)	Btu/h	100,000/100,000	120,000/120,000
	Output (Natural/Propane)	Btu/h	95,000/95,000	115,000/115,000
	Air Temperature Rise	°F	35~65	40~70
	Design Max. Outlet Air Temp.	°F	165	170
	AFUE		96	96
	Blower Type / Fan Speed No.		Centrifugal/5	Centrifugal/5
	Motor Type		ECM	ECM
	Airflow Range	CFM	994~1,786	1,165~1,998
	Ignition Type / No. of Burners		Automatic/5	Automatic/6
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.	4.5/10.5	4.5/10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.	11/13	11/13
	Case Width x Height x Depth	in.	21 x 33~3/4 x 28-1/2	24 x 33~3/4 x 28-1/2
	Shipping Weight	lbs.	191	210
	Power Supply	V/Hz/Ø	115/60/1	115/60/1
	MOP	A	20	20
	MCA	A	14	14



80% Furnace - CV



Specification						
		System	KSSPE181A040-A1	KSSPE181A060-B1	KSSPE241A060-B1	KSSPE301A060-B1
		Outdoor	KUSXE181A	KUSXE181A	KUSXE241A	KUSXE301A
		A-Coil	LKMMMA18A1	LKMMMA18B1	LKMMMA24B1	LKMMMA30B1
		Furnace	LNAEA040A1	LNAEA060B1	LNAEA060B1	LNAEA060B1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h	7,200~17,000~20,000	7,200~17,000~20,000	9,400~23,000~26,000	9,700~27,000~29,000
	SEER2		15.00	15.00	16.00	16.00
	EER2		10.00	10.00	10.00	9.50
	Heating Capacity (Min~Rated~Max)	Btu/h	6,700~16,000~20,000	6,700~17,000~20,000	12,000~23,000~26,000	12,900~23,000~30,000
	HSPF2		8.0	8.5	8.0	7.5
	Max. Heating Outdoor 17°F WB		16,000	16,500	18,000	21,000
Electrical	Max. Heating Outdoor 5°F WB		11,500	12,000	13,000	15,500
	Power Supply	V/Hz/Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	MOP (ODU)	A	15	15	25	25
	MCA (ODU)	A	12.9	12.9	15.4	16.6
	Cooling Rated Amps	A	7.3	7.3	9.9	12.2
	Heating Rated Amps	A	5.9	6.3	9.4	9.4
	ODU LRA	A	10	10	11.3	12.2
	Fan Motor FLA (ODU)	A	0.4	0.4	1.3	1.3
	Cooling Power Input (Min~Rated~Max @95°F)	kW	0.55 ~ 1.70 ~ 1.98	0.58 ~ 1.70 ~ 1.98	0.79 ~ 2.30 ~ 2.74	0.86 ~ 2.84 ~ 3.10
	Heating Power Input (Min~Rated~Max @47°F)	kW	0.51 ~ 1.38 ~ 2.10	0.46 ~ 1.47 ~ 2.10	0.75 ~ 2.17 ~ 2.52	0.86 ~ 2.17 ~ 3.00
Piping	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.	5/8 Flare	5/8 Flare	5/8 Flare	5/8 Flare
	Additional Refrigerant	oz/ft	0.54	0.54	0.54	0.54
	Min. / Max. Pipe Length	ft	16.4 / 65.6	16.4 / 65.6	16.4 / 98.4	16.4 / 98.4
	Piping Length (no add'l refrig.)	ft	24.6	24.6	24.6	24.6
	Max. Elevation	ft	49.2	49.2	49.2	49.2
Operating Range	Cooling	°F DB	14 to 118	14 to 118	14 to 118	14 to 118
	Heating	°F WB	4 to 64	4 to 64	4 to 64	4 to 64
Outdoor Unit	Compressor	Type x Qty.	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
	Refrigerant Type		R32	R32	R32	R32
	Refrigerant Control		EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.	2.425 + 0.662	2.425 + 0.662	3.086 + 0.219	3.086 + 0.219
Fan	Sound Pressure (Cooling / Heating) (±1)	dB(A)	49 / 52	49 / 52	52 / 54	52 / 54
	Net / Shipping Weight	lbs.	70.5 / 75	70.5 / 75	92.6 / 103.6	92.6 / 103.6
	ODU Fan Type x Qty.		Axial x 1	Axial x 1	Axial x 1	Axial x 1
	ODU Motor/Drive		Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct
	ODU Air Flow Rate Max	CFM	989	989	1,765	1,765
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	450 ~ 600	450 ~ 600	600 ~ 800	750 ~ 1,000
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. wg.	0.1 ~ 0.8	0.1 ~ 0.8	0.1 ~ 0.8	0.1 ~ 0.8
	Dehumidification	pts./hr.	2.75	2.75	4.23	5.6
	Nominal Capacity	Btu/h	17,000	17,000	23,000	27,000
	Type		14.5 inch	17.5 inch	17.5 inch	17.5 inch
A-Coil Unit	Coil Material		Aluminum	Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.	14-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 26 x 21
	Net / Shipping Weight	lbs.	44 / 49	46 / 52	46 / 52	54 / 60
	Liquid Piping	in., O.D.	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
	Vapor Piping	in., O.D.	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
	Input (Natural/Propane)	Btu/h	40,000 / 40,000	60,000 / 60,000	60,000 / 60,000	60,000 / 60,000
Gas Furnace	Output (Natural/Propane)	Btu/h	32,000 / 32,000	48,000 / 48,000	48,000 / 48,000	48,000 / 48,000
	Air Temperature Rise	°F	20-50	25-55	25-55	25-55
	Design Max. Outlet Air Temp.	°F	150	155	155	155
	AFUE		80	80	80	80
	Blower Type / Fan Speed No.		Sirocco / 5	Sirocco / 5	Sirocco / 5	Sirocco / 5
	Motor Type		ECM	ECM	ECM	ECM
	Airflow Range	CFM	450 ~ 1,169	600 ~ 1,288	600 ~ 1,288	600 ~ 1,288
	Ignition Type / No. of Burners		Automatic / 3	Automatic / 3	Automatic / 3	Automatic / 3
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.	4.5 / 10.5	4.5 / 10.5	4.5 / 10.5	4.5 / 10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.	11 / 13	11 / 13	11 / 13	11 / 13
	Case Width x Height x Depth	in.	14-1/2x33-3/4x28-1/2	17-1/2x33-3/4x28-1/2	17-1/2x33-3/4x28-1/2	17-1/2x33-3/4x28-1/2
	Shipping Weight	lbs.	132	141	141	141
	Power Supply	V/Hz/Ø	115 / 60 / 1	115 / 60 / 1	115 / 60 / 1	115 / 60 / 1
	MOP	A	15	15	15	15
	MCA	A	6	6	6	6

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

80% Furnace - CV

Specification						
		System		KSSPE361A060-B1	KSSPE361A080-C1	KSSPE421A100-C1
		Outdoor		KUSXE361A	KUSXE361A	KUSXE421A
		A-Coil		LKMMMA36B1	LKMMMA36C1	LKMMMA42C1
		Furnace		LNAEA060B1	LNAEA080C1	LNAEA100C1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h		12,500 ~ 33,000 ~ 35,000	12,900 ~ 33,000 ~ 35,000	16,400 ~ 41,000 ~ 43,000
	SEER2			16.00	16.00	15.50
	EER2			9.50	9.50	9.50
	Heating Capacity (Min~Rated~Max)	Btu/h		14,800 ~ 33,000 ~ 38,000	14,800 ~ 33,000 ~ 38,000	16,700 ~ 43,000 ~ 46,000
	HSPF2			8.5	8.5	8.5
	Max. Heating Outdoor 17°F WB			29,000	29,000	40,000
Electrical	Max. Heating Outdoor 5°F WB			22,000	22,000	36,000
	Power Supply	V/Hz/Ø		208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	MOP (ODU)	A		25	25	35
	MCA (ODU)	A		19.5	19.5	30.1
	Cooling Rated Amps	A		15	15	18.6
	Heating Rated Amps	A		12.6	12.6	16.4
	ODU LRA	A		14.3	14.3	22
	Fan Motor FLA (ODU)	A		1.6	1.6	2.6
	Cooling Power Input (Min~Rated~Max @95°F)	kW		1.02 ~ 3.47 ~ 3.80	1.02 ~ 3.47 ~ 3.80	1.34 ~ 4.32 ~ 4.67
	Heating Power Input (Min~Rated~Max @47°F)	kW		0.84 ~ 2.93 ~ 3.80	0.99 ~ 2.93 ~ 3.80	1.21 ~ 3.82 ~ 4.60
Piping	Liquid Piping (ODU)	in., O.D.		3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.		3/4 Flare	3/4 Flare	3/4 Flare
	Additional Refrigerant	oz/ft		0.54	0.54	0.54
	Min. / Max. Pipe Length	ft		16.4 / 98.4	16.4 / 98.4	16.4 / 164
	Piping Length (no add'l refrig.)	ft		24.6	24.6	24.6
	Max. Elevation	ft		49.2	49.2	98.4
Operating Range	Cooling	°F DB		14 to 118	14 to 118	14 to 118
	Heating	°F WB		4 to 64	4 to 64	4 to 64
Outdoor Unit	Compressor	Type x Qty.		Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
	Refrigerant Type			R32	R32	R32
	Refrigerant Control			EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.		4.409 + 0	4.409 + 0	4.850 + 0.219
Fan	Sound Pressure (Cooling / Heating) (±1)	dB(A)		52 / 54	52 / 54	52 / 54
	Net / Shipping Weight	lbs.		128.5 / 144.6	128.5 / 144.6	152.6 / 168.2
	ODU Fan Type x Qty.			Axial x 1	Axial x 1	Axial x 2
	ODU Motor/Drive			Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct
	ODU Air Flow Rate Max	CFM		2,048	2,048	2,825
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM		840 ~ 1,200	840 ~ 1,200	1,050 ~ 1,400
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. wg.		0.1 ~ 0.8	0.1 ~ 0.8	0.1 ~ 0.8
	Dehumidification	pts./hr.		717	717	79
	Nominal Capacity	Btu/h		33,000	33,000	41,000
	Type			175 inch	21 inch	21 inch
A-Coil Unit	Coil Material			Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.		17-1/2 x 26 x 21	21 x 26 x 21	21 x 30 x 21
	Net / Shipping Weight	lbs.		54 / 60	55 / 62	63 / 70
	Liquid Piping	in., O.D.		3/8 Braze	3/8 Braze	3/8 Braze
	Vapor Piping	in., O.D.		3/4 Braze	3/4 Braze	3/4 Braze
	Input (Natural/Propane)	Btu/h		60,000 / 60,000	80,000 / 80,000	100,000 / 100,000
Gas Furnace	Output (Natural/Propane)	Btu/h		48,000 / 48,000	64,000 / 64,000	80,000 / 80,000
	Air Temperature Rise	°F		25-55	30-60	30-60
	Design Max. Outlet Air Temp.	°F		155	160	160
	AFUE			80	80	80
	Blower Type / Fan Speed No.			Sirocco / 5	Sirocco / 5	Sirocco / 5
	Motor Type			ECM	ECM	ECM
	Airflow Range	CFM		600 ~ 1,288	600 ~ 1,240	1,001 ~ 1,733
	Ignition Type / No. of Burners			Automatic / 3	Automatic / 5	Automatic / 6
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.		4.5 / 10.5	4.5 / 10.5	4.5 / 10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.		11 / 13	11 / 13	11 / 13
	Case Width x Height x Depth	in.		17-1/2x33-3/4x28-1/2	21x33-3/4x28-1/2	21x33-3/4x28-1/2
	Shipping Weight	lbs.		141	163	177
	Power Supply	V/Hz/Ø		115 / 60 / 1	115 / 60 / 1	115 / 60 / 1
	MOP	A		15	15	20
	MCA	A		6	6	12.3

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

80% Furnace - CV



Specification					
		System	KSSPE481A120-D1	KSSPE601A100-C1	KSSPE601A120-D1
		Outdoor	KUSXE481A	KUSXE601A	KUSXE601A
		A-Coil	LKMMA48D1	LKMMA60C1	LKMMA60D1
		Furnace	LNAEA120D1	LNAEA100C1	LNAEA120D1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h	17,300~45,500~49,000	19,800~53,500~56,000	20,800~53,500~56,000
	SEER2		16.00	16.00	16.00
	EER2		11.00	9.00	10.00
	Heating Capacity (Min~Rated~Max)	Btu/h	18,700~49,000~53,000	21,100~55,000~57,000	19,800~55,500~59,000
	HSPF2		8.5	8.5	8.5
	Max. Heating Outdoor 17°F WB		45,500	45,400	46,400
	Max. Heating Outdoor 5°F WB		38,000	38,500	39,500
Electrical	Power Supply	V/Hz/Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	MOP (ODU)	A	40	40	40
	MCA (ODU)	A	30.7	30.7	30.7
	Cooling Rated Amps	A	17.8	25.6	23
	Heating Rated Amps	A	18.2	22.4	21.9
	ODU LRA	A	22	22	22
	Fan Motor FLA (ODU)	A	1.6 x 2	1.6 x 2	1.6 x 2
	Cooling Power Input (Min~Rated~Max @95°F)	kW	1.45 ~ 4.14 ~ 4.80	1.65 ~ 5.94 ~ 6.44	1.70 ~ 5.35 ~ 5.90
	Heating Power Input (Min~Rated~Max @47°F)	kW	1.33 ~ 4.22 ~ 4.95	1.54 ~ 5.20 ~ 5.59	1.54 ~ 5.08 ~ 5.67
Piping	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.	3/4 Flare	3/4 Flare	3/4 Flare
	Additional Refrigerant	oz/ft	0.54	0.54	0.54
	Min. / Max. Pipe Length	ft	16.4 / 164	16.4 / 164	16.4 / 164
	Piping Length (no add'l refriger.)	ft	24.6	24.6	24.6
	Max. Elevation	ft	98.4	98.4	98.4
Operating Range	Cooling	°F DB	14 to 118	14 to 118	14 to 118
	Heating	°F WB	4 to 64	4 to 64	4 to 64
Outdoor Unit	Compressor	Type x Qty.	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
	Refrigerant Type		R32	R32	R32
	Refrigerant Control		EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.	6.612 ± 0	6.612 ± 0	6.612 ± 0
	Sound Pressure (Cooling / Heating) (±1)	dB(A)	54 / 56	54 / 56	54 / 56
Fan	Net / Shipping Weight	lbs.	190.2 / 214.3	190.2 / 214.3	190.2 / 214.3
	ODU Fan Type x Qty.		Axial x 2	Axial x 2	Axial x 2
	ODU Motor/Drive		Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct
	ODU Air Flow Rate Max	CFM	1,942 x 2	1,942 x 2	1,942 x 2
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	1,200 ~ 1,600	1,300 ~ 1,740	1,300 ~ 1,740
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. wg.	0.1 ~ 0.8	0.1 ~ 0.8	0.1 ~ 0.8
	Dehumidification	pts./hr.	8.06	8.8	8.8
A-Coil Unit	Nominal Capacity	Btu/h	45,500	53,500	53,500
	Type		24.5 inch	21 inch	24.5 inch
	Coil Material		Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.	24-1/2 x 34 x 21	21 x 30 x 21	24-1/2 x 34 x 21
	Net / Shipping Weight	lbs.	73 / 82	63 / 70	73 / 82
	Liquid Piping	in., O.D.	3/8 Braze	3/8 Braze	3/8 Braze
	Vapor Piping	in., O.D.	3/4 Braze	3/4 Braze	3/4 Braze
Gas Furnace	Input (Natural/Propane)	Btu/h	120,000 / 120,000	100,000 / 100,000	120,000 / 120,000
	Output (Natural/Propane)	Btu/h	96,000 / 96,000	80,000 / 80,000	96,000 / 96,000
	Air Temperature Rise	°F	35-65	30-60	35-65
	Design Max. Outlet Air Temp.	°F	165	160	165
	AFUE		80	80	80
	Blower Type / Fan Speed No.		Sirocco / 5	Sirocco / 5	Sirocco / 5
	Motor Type		ECM	ECM	ECM
	Airflow Range	CFM	1,148 ~ 1,917	1,001 ~ 1,733	1,148 ~ 1,917
	Ignition Type / No. of Burners		Automatic / 7	Automatic / 6	Automatic / 7
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.	4.5 / 10.5	4.5 / 10.5	4.5 / 10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.	11 / 13	11 / 13	11 / 13
	Case Width x Height x Depth	in.	24-1/2x33-3/4x28-1/2	21x33-3/4x28-1/2	24-1/2x33-3/4x28-1/2
	Shipping Weight	lbs.	190	177	190
	Power Supply	V/Hz/Ø	115 / 60 / 1	115 / 60 / 1	115 / 60 / 1
	MOP	A	20	20	20
	MCA	A	13	12.3	13

96% Furnace - CV



Specification						
		System	KSSSE181A060-B1	KSSSE181A080-B1	KSSSE241A060-B1	KSSSE241A080-B1
		Outdoor	KUSXE181A	KUSXE181A	KUSXE241A	KUSXE241A
		A-Coil	LKMMA18B1	LKMMA18B1	LKMMA24B1	LKMMA24B1
		Furnace	LNAVE060B1	LNAVE080B1	LNAVE060B1	LNAVE080B1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h	7,200~17,000~20,000	7,200~17,000~20,000	9,400~23,000~26,000	9,400~23,000~26,000
	SEER2		15.00	15.00	16.00	16.00
	EER2		10.00	10.00	10.00	10.00
	Heating Capacity (Min~Rated~Max)	Btu/h	6,700~17,000~20,000	6,700~17,000~20,000	12,000~23,000~26,000	12,000~23,000~26,000
	HSPF2		8.5	8.5	8.0	8.0
	Max. Heating Outdoor 17°F WB		16,500	16,500	18,000	18,000
Electrical	Max. Heating Outdoor 5°F WB		12,000	12,000	13,000	13,000
	Power Supply	V/Hz/Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	MOP (ODU)	A	15	15	25	25
	MCA (ODU)	A	129	129	154	154
	Cooling Rated Amps	A	7.3	7.3	9.9	9.9
	Heating Rated Amps	A	6.3	6.3	9.4	9.4
	ODU LRA	A	10	10	11.3	11.3
	Fan Motor FLA (ODU)	A	0.4	0.4	1.3	1.3
	Cooling Power Input (Min~Rated~Max @95°F)	kW	0.58 ~ 1.70 ~ 1.98	0.58 ~ 1.70 ~ 1.98	0.79 ~ 2.30 ~ 2.74	0.79 ~ 2.30 ~ 2.74
	Heating Power Input (Min~Rated~Max @47°F)	kW	0.46 ~ 1.47 ~ 2.10	0.46 ~ 1.47 ~ 2.10	0.75 ~ 2.17 ~ 2.52	0.75 ~ 2.17 ~ 2.52
Piping	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.	5/8 Flare	5/8 Flare	5/8 Flare	5/8 Flare
	Additional Refrigerant	oz/ft	0.54	0.54	0.54	0.54
	Min. / Max. Pipe Length	ft	16.4 / 65.6	16.4 / 65.6	16.4 / 98.4	16.4 / 98.4
	Piping Length (no add'l refrig.)	ft	24.6	24.6	24.6	24.6
	Max. Elevation	ft	49.2	49.2	49.2	49.2
Operating Range	Cooling	°F DB	14 to 118	14 to 118	14 to 118	14 to 118
	Heating	°F WB	4 to 64	4 to 64	4 to 64	4 to 64
Outdoor Unit	Compressor	Type x Qty.	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
	Refrigerant Type		R32	R32	R32	R32
	Refrigerant Control		EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.	2.425 + 0.662	2.425 + 0.662	3.086 + 0.219	3.086 + 0.219
	Sound Pressure (Cooling / Heating) (±1)	dB(A)	49 / 52	49 / 52	52 / 54	52 / 54
Fan	Net / Shipping Weight	lbs.	70.5 / 75	70.5 / 75	92.6 / 103.6	92.6 / 103.6
	ODU Fan Type x Qty.		Axial x 1	Axial x 1	Axial x 1	Axial x 1
	ODU Motor/Drive		Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct
	ODU Air Flow Rate Max	CFM	989	989	1,765	1,765
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	450 ~ 600	450 ~ 600	600 ~ 800	600 ~ 800
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. wg.	0.1 ~ 0.8	0.1 ~ 0.8	0.1 ~ 0.8	0.1 ~ 0.8
	Dehumidification	pts./hr.	2.75	2.75	4.23	4.23
A-Coil Unit	Nominal Capacity	Btu/h	17,000	17,000	23,000	23,000
	Type		175 inch	175 inch	175 inch	175 inch
	Coil Material		Aluminum	Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.	17-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 24 x 21	17-1/2 x 24 x 21
	Net / Shipping Weight	lbs.	46 / 52	46 / 52	46 / 52	46 / 52
	Liquid Piping	in., O.D.	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
	Vapor Piping	in., O.D.	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
Gas Furnace	Input (Natural/Propane)	Btu/h	60,000 / 60,000	80,000 / 80,000	60,000 / 60,000	80,000 / 80,000
	Output (Natural/Propane)	Btu/h	57,000 / 57,000	76,000 / 76,000	57,000 / 57,000	76,000 / 76,000
	Air Temperature Rise	°F	30~60	35~65	30~60	35~65
	Design Max. Outlet Air Temp.	°F	160	165	160	165
	AFUE		96	96	96	96
	Blower Type / Fan Speed No.		Sirocco / 5	Sirocco / 5	Sirocco / 5	Sirocco / 5
	Motor Type		ECM	ECM	ECM	ECM
	Airflow Range	CFM	553 ~ 1,335	569 ~ 1,251	553 ~ 1,335	569 ~ 1,251
	Ignition Type / No. of Burners		Automatic / 3	Automatic / 4	Automatic / 3	Automatic / 4
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.	4.5 / 10.5	4.5 / 10.5	4.5 / 10.5	4.5 / 10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.	11 / 13	11 / 13	11 / 13	11 / 13
	Case Width x Height x Depth	in.	17-1/2 x 33-3/4 x 28-1/2	17-1/2x33-3/4x28-1/2	17-1/2 x 33-3/4 x 28-1/2	17-1/2x33-3/4x28-1/2
	Shipping Weight	lbs.	162	168	162	168
	Power Supply	V/Hz/Ø	115 / 60 / 1	115 / 60 / 1	115 / 60 / 1	115 / 60 / 1
	MOP	A	15	15	15	15
	MCA	A	8	8	8	8

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

96% Furnace - CV



Specification						
		System	KSSSE301A060-B1	KSSSE301A080-B1	KSSSE361A060-B1	KSSSE361A080-B1
		Outdoor	KUSXE301A	KUSXE301A	KUSXE361A	KUSXE361A
		A-Coil	LKMMA30B1	LKMMA30B1	LKMMA36B1	LKMMA36B1
		Furnace	LNAVE060B1	LNAVE080B1	LNAVE060B1	LNAVE080B1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h	9,700~27,000~29,000	9,700~27,000~29,000	12,500~33,000~35,000	12,500~33,000~35,000
	SEER2		16.00	16.00	16.00	16.00
	EER2		9.50	9.50	9.50	9.50
	Heating Capacity (Min~Rated~Max)	Btu/h	12,900~23,000~30,000	12,900~23,000~30,000	14,800~33,000~38,000	14,800~33,000~38,000
	HSPF2		7.5	7.5	8.5	8.5
	Max. Heating Outdoor 17°F WB		21,000	21,000	29,000	29,000
	Max. Heating Outdoor 5°F WB		15,500	15,500	22,000	22,000
Electrical	Power Supply	V/Hz/Ø	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	MOP (ODU)	A	25	25	25	25
	MCA (ODU)	A	16.6	16.6	19.5	19.5
	Cooling Rated Amps	A	12.2	12.2	15	15
	Heating Rated Amps	A	9.4	9.4	12.6	12.6
	ODU LRA	A	12.2	12.2	14.3	14.3
	Fan Motor FLA (ODU)	A	1.3	1.3	1.6	1.6
	Cooling Power Input (Min~Rated~Max @95°F)	kW	0.86 ~ 2.84 ~ 3.10	0.86 ~ 2.84 ~ 3.10	1.02 ~ 3.47 ~ 3.80	1.02 ~ 3.47 ~ 3.80
	Heating Power Input (Min~Rated~Max @47°F)	kW	0.86 ~ 2.17 ~ 3.00	0.86 ~ 2.17 ~ 3.00	0.84 ~ 2.93 ~ 3.80	0.84 ~ 2.93 ~ 3.80
Piping	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.	5/8 Flare	5/8 Flare	3/4 Flare	3/4 Flare
	Additional Refrigerant	oz/ft	0.54	0.54	0.54	0.54
	Min. / Max. Pipe Length	ft	16.4 / 98.4	16.4 / 98.4	16.4 / 98.4	16.4 / 98.4
	Piping Length (no add'l refrig.)	ft	24.6	24.6	24.6	24.6
	Max. Elevation	ft	49.2	49.2	49.2	49.2
Operating Range	Cooling	°F DB	14 to 118	14 to 118	14 to 118	14 to 118
	Heating	°F WB	4 to 64	4 to 64	4 to 64	4 to 64
Outdoor Unit	Compressor	Type x Qty.	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
	Refrigerant Type		R32	R32	R32	R32
	Refrigerant Control		EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.	3.086 + 0.219	3.086 + 0.219	4.409 + 0	4.409 + 0
	Sound Pressure (Cooling / Heating) (±1)	dB(A)	52 / 54	52 / 54	52 / 54	52 / 54
	Net / Shipping Weight	lbs.	92.6 / 103.6	92.6 / 103.6	128.5 / 144.6	128.5 / 144.6
Fan	ODU Fan Type x Qty.		Axial x 1	Axial x 1	Axial x 1	Axial x 1
	ODU Motor/Drive		Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct
	ODU Air Flow Rate Max	CFM	1,765	1,765	2,048	2,048
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	750 ~ 1,000	750 ~ 1,000	840 ~ 1,200	840 ~ 1,200
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. wg.	0.1 ~ 0.8	0.1 ~ 0.8	0.1 ~ 0.8	0.1 ~ 0.8
	Dehumidification	pts./hr.	5.6	5.6	7.17	7.17
A-Coil Unit	Nominal Capacity	Btu/h	27,000	27,000	33,000	33,000
	Type		175 inch	175 inch	175 inch	175 inch
	Coil Material		Aluminum	Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.	17-1/2 x 26 x 21	17-1/2 x 26 x 21	17-1/2 x 26 x 21	17-1/2 x 26 x 21
	Net / Shipping Weight	lbs.	54 / 60	54 / 60	54 / 60	54 / 60
	Liquid Piping	in., O.D.	3/8 Braze	3/8 Braze	3/8 Braze	3/8 Braze
	Vapor Piping	in., O.D.	3/4 Braze	3/4 Braze	3/4 Braze	3/4 Braze
	Input (Natural/Propane)	Btu/h	60,000 / 60,000	80,000 / 80,000	60,000 / 60,000	80,000 / 80,000
	Output (Natural/Propane)	Btu/h	57,000 / 57,000	76,000 / 76,000	57,000 / 57,000	76,000 / 76,000
	Air Temperature Rise	°F	30-60	35-65	30-60	35-65
	Design Max. Outlet Air Temp.	°F	160	165	160	165
	AFUE		96	96	96	96
	Blower Type / Fan Speed No.		Sirocco / 5	Sirocco / 5	Sirocco / 5	Sirocco / 5
	Motor Type		ECM	ECM	ECM	ECM
	Gas Furnace	Airflow Range	CFM	553 ~ 1,335	569 ~ 1251	553 ~ 1,335
Ignition Type / No. of Burners			Automatic / 3	Automatic / 4	Automatic / 3	Automatic / 4
Min./Max. Inlet Gas Pressure		Natural, in. w.c.	4.5 / 10.5	4.5 / 10.5	4.5 / 10.5	4.5 / 10.5
Min./Max. Inlet Gas Pressure		Propane, in. w.c.	11 / 13	11 / 13	11 / 13	11 / 13
Case Width x Height x Depth		in.	17-1/2 x 33-3/4 x 28-1/2	17-1/2x33-3/4x28-1/2	17-1/2 x 33-3/4 x 28-1/2	17-1/2x33-3/4x28-1/2
Shipping Weight		lbs.	162	168	162	168
Power Supply		V/Hz/Ø	115 / 60 / 1	115 / 60 / 1	115 / 60 / 1	115 / 60 / 1
MOP		A	15	15	15	15
MCA		A	8	8	8	8

96% Furnace - CV

Specification						
		System		KSSSE361A080-C1	KSSSE421A100-C1	KSSSE481A100-C1
		Outdoor		KUSXE361A	KUSXE421A	KUSXE481A
		A-Coil		LKMMMA36C1	LKMMMA42C1	LKMMMA48C1
		Furnace		LNAVE080C1	LNAVE100C1	LNAVE100C1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h		12,900~33,000~35,000	16,400~41,000~43,000	18,200~45,500~49,000
	SEER2			16.00	15.50	16.00
	EER2			9.50	9.50	10.00
	Heating Capacity (Min~Rated~Max)	Btu/h		14,800~33,000~38,000	16,700~43,000~46,000	20,200~48,000~53,000
	HSPF2			8.5	8.5	8.5
	Max. Heating Outdoor 17°F WB			29,000	40,000	45,500
Electrical	Max. Heating Outdoor 5°F WB			22,000	36,000	37,000
	Power Supply	V/Hz/Ø		208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
	MOP (ODU)	A		25	35	40
	MCA (ODU)	A		19.5	30.1	30.7
	Cooling Rated Amps	A		15	18.6	19.6
	Heating Rated Amps	A		12.6	16.4	18.3
	ODU LRA	A		14.3	22	22
	Fan Motor FLA (ODU)	A		1.6	2.6	1.6 x 2
	Cooling Power Input (Min~Rated~Max @95°F)	kW		1.02 ~ 3.47 ~ 3.80	1.34 ~ 4.32 ~ 4.67	1.45 ~ 4.55 ~ 5.00
	Heating Power Input (Min~Rated~Max @47°F)	kW		0.99 ~ 2.93 ~ 3.80	1.21 ~ 3.82 ~ 4.60	1.37 ~ 4.26 ~ 5.05
Piping	Liquid Piping (ODU)	in., O.D.		3/8 Flare	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.		3/4 Flare	3/4 Flare	3/4 Flare
	Additional Refrigerant	oz/ft		0.54	0.54	0.54
	Min. / Max. Pipe Length	ft		16.4 / 98.4	16.4 / 164	16.4 / 164
	Piping Length (no add'l refrig.)	ft		24.6	24.6	24.6
	Max. Elevation	ft		49.2	98.4	98.4
Operating Range	Cooling	°F DB		14 to 118	14 to 118	14 to 118
	Heating	°F WB		4 to 64	4 to 64	4 to 64
Outdoor Unit	Compressor	Type x Qty.		Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
	Refrigerant Type			R32	R32	R32
	Refrigerant Control			EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.		4.409 + 0	4.850 + 0.219	6.612 + 0
Fan	Sound Pressure (Cooling / Heating) (±1)	dB(A)		52 / 54	52 / 54	54 / 56
	Net / Shipping Weight	lbs.		128.5 / 144.6	152.6 / 168.2	190.2 / 214.3
	ODU Fan Type x Qty.			Axial x 1	Axial x 1	Axial x 2
	ODU Motor/Drive			Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct
	ODU Air Flow Rate Max	CFM		2,048	2,825	1,942 x 2
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM		840 ~ 1,200	1,050 ~ 1,400	1,200 ~ 1,600
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. wg.		0.1 ~ 0.8	0.1 ~ 0.8	0.1 ~ 0.8
	Dehumidification	pts./hr.		717	79	8.06
	Nominal Capacity	Btu/h		33,000	41,000	45,500
	Type			21 inch	21 inch	24.5 inch
A-Coil Unit	Coil Material			Aluminum	Aluminum	Aluminum
	Case Width x Height x Depth	in.		21 x 26 x 21	21 x 30 x 21	24-1/2 x 34 x 21
	Net / Shipping Weight	lbs.		55 / 62	63 / 70	73 / 82
	Liquid Piping	in., O.D.		3/8 Braze	3/8 Braze	3/8 Braze
	Vapor Piping	in., O.D.		3/4 Braze	3/4 Braze	3/4 Braze
	Input (Natural/Propane)	Btu/h		80,000 / 80,000	100,000 / 100,000	100,000 / 100,000
Gas Furnace	Output (Natural/Propane)	Btu/h		76,000 / 76,000	95,000 / 95,000	115,000 / 115,000
	Air Temperature Rise	°F		35-65	35-65	40-70
	Design Max. Outlet Air Temp.	°F		165	165	170
	AFUE			96	96	96
	Blower Type / Fan Speed No.			Sirocco / 5	Sirocco / 5	Sirocco / 5
	Motor Type			ECM	ECM	ECM
	Airflow Range	CFM		577 ~ 1,253	994 ~ 1,786	994 ~ 1,786
	Ignition Type / No. of Burners			Automatic / 4	Automatic / 5	Automatic / 5
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.		4.5 / 10.5	4.5 / 10.5	4.5 / 10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.		11 / 13	11 / 13	11 / 13
	Case Width x Height x Depth	in.		21 x 33-3/4 x 28-1/2	21 x 33-3/4 x 28-1/2	21 x 33-3/4 x 28-1/2
	Shipping Weight	lbs.		185.5	191	210
	Power Supply	V/Hz/Ø		115 / 60 / 1	115 / 60 / 1	115 / 60 / 1
	MOP	A		15	20	20
	MCA	A		7.8	11.5	10.5

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LG in its sole discretion.

96% Furnace - CV



Specification				
	System		KSSSE601A100-C1	KSSSE601A120-D1
	Outdoor		KUSXE601A	KUSXE601A
	A-Coil		LKMMA60C1	LKMMA60D1
	Furnace		LNAVE100C1	LNAVE120D1
Performance	Cooling Capacity (Min~Rated~Max)	Btu/h	19,800~53,500~56,000	20,800~53,500~56,000
	SEER2		16.00	16.00
	EER2		9.00	10.00
	Heating Capacity (Min~Rated~Max)	Btu/h	21,100~55,000~57,000	19,800~55,500~59,000
	HSPF2		8.5	8.5
	Max. Heating Outdoor 17°F WB		45,400	46,400
	Max. Heating Outdoor 5°F WB		38,500	39,500
Electrical	Power Supply	V/Hz/Ø	208-230 / 60 / 1	208-230 / 60 / 1
	MOP (ODU)	A	40	40
	MCA (ODU)	A	30.7	30.7
	Cooling Rated Amps	A	25.6	23
	Heating Rated Amps	A	22.4	21.9
	ODU LRA	A	22	22
	Fan Motor FLA (ODU)	A	1.6 x 2	1.6 x 2
	Cooling Power Input (Min~Rated~Max @95°F)	kW	1.65 ~ 5.94 ~ 6.44	1.70 ~ 5.35 ~ 5.90
	Heating Power Input (Min~Rated~Max @47°F)	kW	1.54 ~ 5.20 ~ 5.59	1.54 ~ 5.08 ~ 5.67
Piping	Liquid Piping (ODU)	in., O.D.	3/8 Flare	3/8 Flare
	Vapor Piping (ODU)	in., O.D.	3/4 Flare	3/4 Flare
	Additional Refrigerant	oz/ft	0.54	0.54
	Min. / Max. Pipe Length	ft	16.4 / 164	16.4 / 164
	Piping Length (no add'l refig.)	ft	24.6	24.6
	Max. Elevation	ft	98.4	98.4
Operating Range	Cooling	°F DB	14 to 118	14 to 118
	Heating	°F WB	4 to 64	4 to 64
Outdoor Unit	Compressor	Type x Qty.	Twin Rotary x 1	Twin Rotary x 1
	Refrigerant Type		R32	R32
	Refrigerant Control		EEV - ODU, TXV - A-Coil	EEV - ODU, TXV - A-Coil
	Pre-Charge + Additional Charge for A-Coil	lbs.	6.612 + 0	6.612 + 0
	Sound Pressure (Cooling / Heating) (±1)	dB(A)	54 / 56	54 / 56
	Net / Shipping Weight	lbs.	190.2 / 214.3	190.2 / 214.3
Fan	ODU Fan Type x Qty.		Axial x 2	Axial x 2
	ODU Motor/Drive		Brushless Digitally Controlled / Direct	Brushless Digitally Controlled / Direct
	ODU Air Flow Rate Max	CFM	1,942 x 2	1,942 x 2
	Air Flow Range through A-Coil (Min. ~ Max.)	CFM	1,300 ~ 1,740	1,300 ~ 1,740
	A-Coil Corresponding ESP Range (Min. ~ Max.)	in. wg.	0.1 ~ 0.8	0.1 ~ 0.8
	Dehumidification	pts./hr.	8.8	8.8
	Nominal Capacity	Btu/h	53,500	53,500
A-Coil Unit	Type		21 inch	24.5 inch
	Coil Material		Aluminum	Aluminum
	Case Width x Height x Depth	in.	21 x 30 x 21	24-1/2 x 34 x 21
	Net / Shipping Weight	lbs.	63 / 70	73 / 82
	Liquid Piping	in., O.D.	3/8 Braze	3/8 Braze
	Vapor Piping	in., O.D.	3/4 Braze	3/4 Braze
Gas Furnace	Input (Natural/Propane)	Btu/h	100,000 / 100,000	120,000 / 120,000
	Output (Natural/Propane)	Btu/h	95,000 / 95,000	115,000 / 115,000
	Air Temperature Rise	°F	35-65	40-70
	Design Max. Outlet Air Temp.	°F	165	170
	AFUE		96	96
	Blower Type / Fan Speed No.		Sirocco / 5	Sirocco / 5
	Motor Type		ECM	ECM
	Airflow Range	CFM	994 ~ 1,786	1,165 ~ 1,998
	Ignition Type / No. of Burners		Automatic / 5	Automatic / 6
	Min./Max. Inlet Gas Pressure	Natural, in. w.c.	4.5 / 10.5	4.5 / 10.5
	Min./Max. Inlet Gas Pressure	Propane, in. w.c.	11 / 13	11 / 13
	Case Width x Height x Depth	in.	21 x 33-3/4 x 28-1/2	24-1/2 x 33-3/4 x 28-1/2
	Shipping Weight	lbs.	191	210
	Power Supply	V/Hz/Ø	115 / 60 / 1	115 / 60 / 1
	MOP	A	20	20
	MCA	A	11.5	10.5







LG Electronics USA, Inc.

Air Conditioning Technologies

4300 North Point Parkway, Alpharetta, GA 30022

www.LGHVAC.com

Visit LGHVAC.com for more information. Product specifications may be changed or modified from time to time by LGEUS in its sole discretion.

Legal Disclaimer: All material provided herein is for informational or educational purposes only. It is not intended to be a substitute for professional advice. Please consult with your contractor, engineer or design professionals for application to your system. For continual product development, LG Electronics U.S.A., Inc., reserves the right to change specifications without notice. For more technical materials such as submittals, engineering manuals, and catalogs, visit www.lghvac.com. The information provided about third party products, references to third party brands, and links to third party websites is for informational purposes only and does not constitute an endorsement or recommendation, or any offer or solicitation to buy or sell any third-party services or products of any kind.

Proprietary Data Notice: This document, as well as all reports, illustrations, data, information, and other materials contained herein contain LG confidential and proprietary information and are disclosed only in confidence.

LG, the LG logo, LG Life's Good, LGRED®, LG ThinQ are trademarks of LG Corp. Amazon Alexa is a trademark of Amazon.com, Inc. Apple is a trademark of Apple Inc. Google Assistant is a trademark of Google LLC. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency, International Code Council and International Energy Conservation Code are trademarks of the International Code Council, Inc. All other trademarks are the property of their respective owners.

© LG Electronics USA, Inc. ALL RIGHTS RESERVED.