

# LG Ductless Split Systems

COMFORT MADE EASY. COMFORT MADE BEAUTIFUL.



# LG DUCTLESS SPLIT SYSTEMS BRING COMFORTING INNOVATION



LG Ductless Split systems allow you to cool or heat your entire home or just a single room without the need for invasive ductwork. There's no tearing down of walls or altering your home's appearance. LG Ductless Split systems are simple to have installed. In most cases, a professional contractor gets the job done in less than a day.

## HOW LG DUCTLESS SPLIT SYSTEMS WORK

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

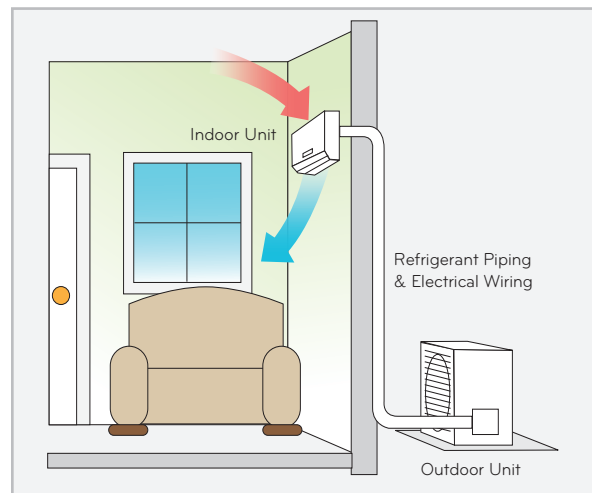


Diagram of a Single-Zone System

## LG DUCTLESS SPLIT SYSTEMS CAN BE USED VIRTUALLY ANYWHERE

LG delivers advanced climate control and operating efficiency to a wide range of residential and light commercial projects, from a stuffy bedroom to a home addition where cooler temperatures are required.

## APPLICATIONS MAY INCLUDE...

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

# LG DUCTLESS SPLIT SYSTEMS BRING COMFORTING INNOVATION



## BENEFITS OF DUCTLESS SYSTEMS

- Reduced Energy Costs—LG's evolved technology can make a difference in cooling and heating bills
- Incredibly Quiet—With advanced motor and fan designs, LG units operate at low sound levels—especially when Sleep Mode (a night-time setback mode) is used indoors
- Custom Temperature Control—Precise temperature settings in each zone
- Beautiful Design—Variety of elegant looks to complement any decor
- Enhanced Air Circulation—Electronically controlled louvers and fan speeds designed to keep room temperatures consistent
- High Speed Cooling—Powerful Jet Cool setting quickly lowers the temperature of warm rooms
- Dependable Heating—Heat pumps are an excellent source of primary or supplemental winter heating
- Built to Last—LG's commitment to quality means years of dependable comfort. LG also offers warranties up to 10 years Parts and Labour
- Convenient Controls—All indoor units include a handheld or a wall-mounted controller

## THE ADVANTAGES OF INVERTER TECHNOLOGY

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

### SEER AND HSPF: YOUR GUIDE TO COMFORTABLE SAVINGS

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

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

## ONE ROOM, WONDERFUL SOLUTIONS... SINGLE-ZONE SYSTEMS



### WHO NEEDS DUCTWORK?

Are you planning a new room addition? Do you have a space that never gets cool enough, like the bonus room over your garage? Or warm enough, like the sunroom in the fall? In the past, homeowners have turned to window units, or faced the expense of enlarging their central air-conditioning system. Now, there's a proven solution to cool or heat any room – an LG single-zone Ductless Split system.

### BENEFITS OF SINGLE-ZONE DUCTLESS SPLIT SYSTEMS

- Available in a full range of capacities for all room sizes
- More energy efficient than window units and central air-conditioning systems
- All-season use—heat pump models have both cooling and heating capabilities
- Quiet operation, inside and out
- Usually installed in less than a day
- Many units are ENERGY STAR® rated
- Five models were awarded the ENERGY STAR Most Efficient designation for 2013



ENERGY STAR is a joint program of National Resources Canada (NRCan), the US Environmental Protection Agency (EPA) and the US Department of Energy (DOE) to promote energy-efficient products and practices.

The ENERGY STAR logo helps homeowners identify which products meet energy efficiency performance levels set by NRCan, EPA and DOE.

# STYLE & SUBSTANCE... SINGLE-ZONE INDOOR UNITS



## MANY STYLES, MANY CHOICES

There's no need to compromise when it comes to comfort. LG Ductless Split single-zone systems offer many styles of indoor units to enhance any decor, plus performance that lets you enjoy every room to the fullest. And they're available in a full range of capacities to perfectly match any size space, large or small. Whether you need cooling or heating, LG offers the perfect Ductless Split performance package.

up to  
**28.0**  
SEER



Prestige Hyper Efficiency  
Wall-Mounted  
Indoor Units



up to  
**20.5**  
SEER



Art Cool™ Mirror  
High Efficiency  
Wall-Mounted  
Indoor Units



up to  
**20.5**  
SEER



Architectural Gloss White  
High-Efficiency  
Wall-Mounted  
Indoor Units



up to  
**17.0**  
SEER



Ceiling Cassette  
Indoor Units



**13.0**  
SEER



Art Cool™ Gallery  
Indoor Units

## UNIQUELY LG IT LOOKS LIKE A WORK OF ART – AND IT IS!

The ingenious Art Cool™ Gallery model cools or heats with flair. Frame any artwork, logo or photography (20 x 20 inches or smaller) that you wish to display. And changing images couldn't be easier.

# THE MORE ROOMS THE BETTER WITH FLEX MULTI SYSTEMS



## FLEX MULTI SYSTEMS HAVE MULTIPLE INDOOR UNITS

Select from a variety of elegant, quiet indoor units to complement your lifestyle. Your choice is not limited to any one type of indoor unit-mix and match four unit styles as you need.



Flex Multi Art Cool™ Mirror  
Wall-Mounted Indoor Units



Flex Multi Architectural Gloss White  
Wall-Mounted Indoor Units



Flex Multi Ceiling Cassette  
Indoor Units



Flex Multi Ducted Indoor Units

## MAKE YOURSELF AT HOME...WITH A FLEX MULTI SYSTEM

- 1 One Flex Multi outdoor unit can operate 2-8 indoor units.
- 2 An Art Cool™ Mirror indoor unit shines in the dining room.
- 3 A ceiling cassette indoor unit in the living room. The look preferred by many homeowners.
- 4 Gloss white wall-mounted indoor units in the bedrooms-precise comfort in your personal retreat.



Convenient remote controls simplify all functions. Programmable, back-lit wall-mounted controllers are optional.

# THE MORE ROOMS THE BETTER WITH FLEX MULTI SYSTEMS



One LG inverter-driven multi-zone outdoor unit can support two, three, four, or **up to eight** indoor units, providing personalized cooling and heating for an entire home. Compact refrigerant pipes work in tandem with wiring to link the outdoor unit with all indoor units.

## MULTIPLE ROOMS ADD UP TO MULTIPLE BENEFITS

- Maximum flexibility for your home or office
- Each indoor unit includes its own controller
- Indoor units are available in a full range of capacities for all room sizes
- Easy installation: Little to no ductwork required; most indoor units can mount on any wall
- Indoor unit and outdoor unit dimensions ensure space saving convenience
- All-season use—heat pump models have both cooling and heating capabilities

up to  
**21.0**  
SEER



LMU187HV

Dual-Zone  
Flex Multi  
Outdoor Unit



up to  
**21.7**  
SEER



LMU247HV

Tri-Zone  
Flex Multi  
Outdoor Unit



up to  
**17.5**  
SEER



LMU369HV

Quad-Zone  
Flex Multi  
Outdoor Unit



up to  
**18.4**  
SEER



LMU540HV

Eight-Zone  
Flex Multi MAX  
Outdoor Unit



## LG TRAINED CONTRACTORS

Count on them for the best advice, installation and service.

Your contractor is a vital member of your community.

They can assist you in many ways:

- Analyze your cooling & heating requirements
- Recommend the solutions best suited to your needs
- Deliver a quote that reflects the installation ease of LG Ductless split systems
- Install all components to ensure optimum performance
- Offer the dependability of prompt, knowledgeable service



Visit [LGDFS.CA](http://LGDFS.CA)

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

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