

LG AIR CONDITIONING SYSTEMS

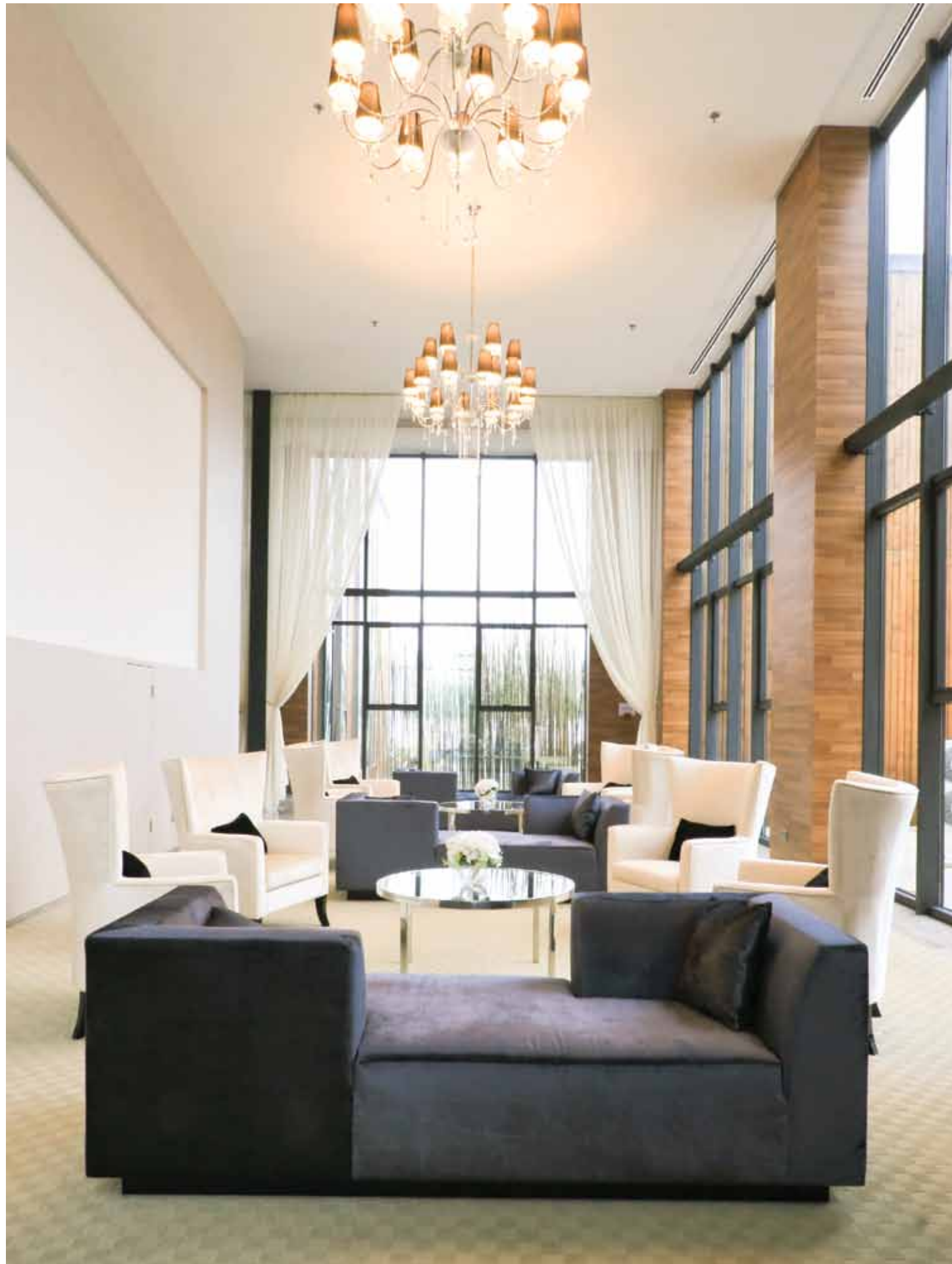
THE NEW STANDARD IN COMFORT



INNOVATIVE
COMFORT
SOLUTIONS

AT LG, WE BELIEVE COMFORT SHOULD ALWAYS BE BEAUTIFUL.





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THE LG DUCT-FREE ADVANTAGE

For ease of installation, energy efficiency and quiet performance, duct-free systems are the smart choice.

CUSTOMIZED COMFORT...FOR LESS

Whether you're creating a quiet, comfort-controlled room, or simply want to heat or cool an area without expensive ductwork, LG's duct-free systems set a new standard for efficiency, great looks and comfort.

Duct-free systems are much simpler and economical to install because they only have three basic parts: an outdoor condensing unit, an indoor unit, and the components that connect the two.

Duct-free systems are ideal for home or office additions, to replace unsightly window units, and for renovations or retro-fits where it's important to preserve the building's original appearance.

THE BENEFITS OF DUCT-FREE

- Fast installation – With no costly ductwork, duct-free systems can be installed in places where conventional ducted systems simply can't go.
- Incredibly quiet – Indoor units operate at just 26 dB (the level of softly rustling leaves!).
- Custom temperature control – It's easy to precisely maintain the temperature in each room.
- Attractive design – Choose from a wide variety of elegant looks to enhance any interior decor.

LG's cutting-edge features:

- **Reduced energy costs.** You can cut your cooling bill with LG's energy-efficient technology. Look for our **Inverter Air Conditioners** featuring high-performance variable-speed compressors and our **Multi Power System™** with exclusive dual compressor technology.
- **Cleaner, healthier air.** Plasma air purifying technology ensures cleaner, fresher air.
- Better air circulation. Computer controlled louvers and fan speeds minimize temperature differences in the room.
- **High-speed cooling.** Powerful Jet Cool feature quickly cools warm rooms down to a comfortable temperature.
- **Built to last.** The exclusive GoldFin™ Anti-Corrosion coating helps keep your system running like new for years.



THE BEAUTIFUL NEW DEFINITION OF COOL

Experience the revolutionary new Art Cool™ customizable air conditioning and heat pump systems.

COMFORT HAS NEVER LOOKED SO GOOD

At LG, we believe comfort is a beautiful thing. That's why we designed a fully customizable air conditioning system that cools with world-class efficiency, but passes as a work of art as well.

A GALLERY OF OPTIONS

The innovative LG Art Cool Picture design allows you to display your favorite image in the customizable picture area. Any graphic can be placed in the Art Cool frame. Showcase artwork, a family portrait or vacation pictures – it's entirely up to you.

INTELLIGENT DESIGN INSIDE AND OUT

But the real beauty of Art Cool is that it also has all the performance features you look for in an air conditioner:

- Remote control operation
- Outstanding air purification
- Natural air flow
- Auto operation modes
- Available in both cooling and heat pump models



ART COOL™

9,000 – 12,000 BTUs
Cooling and Heat Pump
235/8"W x 235/8"H x 53/4"D (indoor)

See Product Overview on pp. 22-23 for additional information.



SLEEK, SOPHISTICATED AND SERIOUSLY COOL

Express your sense of style with LG's new, elegantly efficient inverter technology.

THE BRILLIANT MERGING OF FORM AND FUNCTION

LG's Art Cool™ inverter models not only are great looking, they're among the most energy efficient ways to cool and heat a room. Plus, they're available in a full range of capacities to perfectly match any size space, large or small.

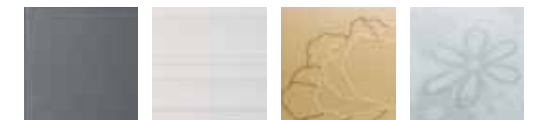
STYLES TO SUIT ANY DECOR

Available in an attractive mirrored finish as well as a variety of other distinctive colors, the interior wall-mounted unit can be subtle or splashy – the choice is yours.

STATE-OF-THE-ART FEATURES

LG's Art Cool inverter models are a true work of art – inside and out – with some of the most technologically advanced features on the market:

- LG's Art Cool inverter models use a variable speed compressor, which is quieter to operate and uses less energy than conventional air conditioners. When the selected temperature is reached, the inverter compressor operates at low speed to maintain that comfort level.
- Revolutionary chaos swing air flow design evenly cools the entire room.
- Plasma air purifying system.



Standard Mirror Organic Cream White Art Flower Gold Snow Flower White



ART COOL™

18,000 or 24,000 BTUs
Cooling and Heat Pump

353/16" W x 111/8" H x 61/2" D — 4311/16" W x 113/4" H x 77/8" D (indoor)
See Product Overview on pp. 22-23 for additional information.



ONE ROOM...ONE SMART SOLUTION

There's no easier, more cost-effective way to cool a single room.

NO DUCTWORK, NO SWEAT

Building a new room addition? Have a space that you can't seem to keep cool enough? Once, the only answer was a window installation or to add on to your existing ductwork. Now there's a simple solution for cooling any room – an LG single zone standard system. With no ductwork needed, it's much less expensive to install. Plus, it's more energy efficient and quiet running than conventional systems.

EASY CHOICES

With a wide choice of capacities and cooling and heat pump options, you're sure to find just the right look and system to enhance your space. And with many custom control features available, cooling and warming your room is incredibly efficient.



9,000 – 30,000

Cooling and Heat Pump

33 1/16" W x 10 5/8" H x 6 1/32" D (Indoor : 9, 12K)

42 15/16" W x 11 13/16" H x 7 1/32" D (Indoor : 18, 24K)

47 3/5" W x 13 3/5" H x 8 1/4" D (Indoor : 30K) ^{Inverter}

See Product Overview on pp. 22-23 for additional information.



EFFICIENT MULTI-ROOM SOLUTIONS

It's never been easier or more economical to cool multiple rooms from a single outdoor unit.

SPACE-SAVING CONVENIENCE

The Flex Multi Split System allows you to operate up to four indoor units from just a single outdoor condensing unit. This gives you extra design flexibility and makes installation easier, which saves you money.

MULTIPLE ROOMS ADD UP TO MULTIPLE BENEFITS

Flex Multi Split Systems maximize the efficiency and cost savings of duct-free technology by providing:

- Individual room temperature control – every indoor unit comes with its own remote control, so each room can be set to its own temperature.
- All-season comfort option – you can choose cooling only or heat pump models that have both cooling and heating capabilities.
- Easy Installation – not only is there no ductwork required, but the indoor units mount easily on virtually any wall.



Dual-Zone
Flex Multi-Split System
Mix and match for 18,000-24,000 BTUs
Heat Pump Inverter

Tri-Zone
Flex Multi-Split System
Mix and match for 27,000-33,000 BTUs
Heat Pump Inverter

Quad-Zone
Flex Multi-Split System
Mix and match for 36,000-48,000 BTUs
Heat Pump Inverter



FLOOR STANDING & CEILING CASSETTE AIR CONDITIONERS

Keep even large, open spaces cool with these high-capacity systems.

SPACE-SAVING CONVENIENCE EXTRA COOLING POWER

where you need it most Both floor standing and ceiling cassette styles are designed to bring cool comfort to larger spaces. Ideal for restaurants, hotels or offices, both styles are designed to distribute air more evenly and naturally throughout the room.

Plus, they're available with innovative features:

- Inverter (Variable Speed Compressor)
- Plasma Air Purifying System
- 24K Floor Standing Indoor Unit Only
- High-intensity Jet Cool setting
- Ultra-quiet turbo fan

FLEXIBLE FLOOR STANDING UNITS

Looking to make an energy-efficient retro-fit to an existing space? These versatile units are a cost-effective solution. Our exclusive Chaos Swing feature, with electronically controlled louvers, creates air flow that's totally natural.

DISCREET CEILING CASSETTES

Ceiling cassettes are perfect when wall space is limited. The Swirl Wind feature provides four-way controlled louvers and fan speeds to distribute air evenly.



Duct-Free Split
Floor Standing Indoor Units



Duct-Free Split
Ceiling Cassette Indoor Units
White Finish



24,000 BTUs

42,000 BTUs

Single Zone Split Systems
Floor Standing



24,000 BTUs

42,000 BTUs

Single Zone Split Systems
Ceiling Cassette



PACKAGED TERMINAL AIR CONDITIONERS

Your guests will rest easy knowing that LG PTACs are among the quietest in the industry.

THE STRONG (ALMOST) SILENT TYPE

When your guests demand peace and quiet, it's reassuring to know that LG PTAC's have one of the industry's best ratings for preventing the sound transmission. Plus, with efficiency ratings up to 12.5 EER, it's easy to see why LG PTACs are a great choice for lodging and healthcare applications.

A SOUND INVESTMENT

You can relax knowing that LG PTACs offer some of the most innovative features in the industry:

- Gold Fin™ Anti-Corrosion treatment for extended operating life.
- Polymeric mesh filter to help purify the air – ideal for health care applications.
- For set-and-forget control, get the optional programmable wireless wall thermostat.
- Heat pump models feature Defrost Control and Emergency Heat functions to keep the room toasty in the coldest weather.

SHHH...PTAC AT WORK

Hearing is believing. Whatever you need, LG PTACs are designed for year 'round customer comfort and owner piece of mind.



Control energy costs while ensuring perfect comfort with the **Wireless Energy Management Thermostat**. Its touchscreen interface allows precise temperature, air quality and ventilation control. Plus, its innovative "occupancy sensor" automatically turns the unit off when the room is unoccupied for greater energy savings.

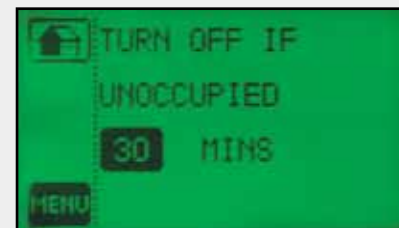
7,000 – 15,000 BTUs: Heat/Cool;
7,000 – 15,000 BTUs: Heat Pump
42"W x 16"H x 197/8"D

See Product Overview on pp. 22-23 for additional information.

Touch screen-operated design with intuitive graphic user interface



Occupancy Sensor automatically turns off the air conditioner when the room is unoccupied



Wireless Energy Management Digital Thermostat Control Board: snaps directly on to PTAC control board – no tools required



Monitor power use and calculate cost of operation
Applicable to 36V DC indoor models (Single Zone) only



Pre-program up to 4 temperature and fan operation mode changes daily
Applicable to 36V DC indoor models (Single Zone) only



WIRELESS ENERGY MANAGEMENT DIGITAL THERMOSTAT

This innovative thermostat provides an easy way to cut energy costs while ensuring perfect comfort. It includes energy-saving features like complete programmability plus temperature control for both occupied and unoccupied rooms. Its unique “occupancy sensor” automatically turns off the air conditioner when a room is unoccupied, further reducing wasted energy. And with its intuitive touch screen interface, it’s easy to adjust temperature as well as air flow.

THERMOSTAT FEATURES

- Energy-saving “Occupancy Sensor” automatically turns off the air conditioner when the room is unoccupied.
- Programmable Occupied and Unoccupied Temperature Setting allows for high and low occupied/unoccupied setting for even greater energy savings.
- High-visibility, backlit touchscreen with a scratch-resistant, easy-to-clean surface.
- Intuitive graphical user interface with descriptive buttons.
- “No manual needed” simplified operation and programming.
- Convenient “Clean Screen” command prevents accidental change in settings while cleaning display.
- Adjustable contrast with white-on-black or black-on-white display.

INSTALLATION FEATURES

- System Configuration Menu allows selection of either “Heat Pump” or “Air Conditioner” compressor type for optimum system integration and performance.
- Advanced Settings Menu lets you pre-program the fan speeds for maximum comfort and energy efficiency.
- Temperature Display lets you select Fahrenheit or Celsius readings.

COMPONENTS INCLUDED

- LG Wireless Wall Thermostat with integrated LCD touch screen.
- LG Air Conditioner Wireless Interface Card.
- User manual and installation instructions.

LG DUCT-FREE SPLIT SYSTEMS ADDITIONAL COMFORT AND CONTROL FEATURES

- Controlling your indoor environment is easy with the 7-day, 4-events-per-day program with a selectable temperature set point and fan mode for each event.
- Convenient “Copy” option duplicates daily settings to simplify the set-up of a custom, 7-day program.
- “Filter Monitor” notifies the user when it’s time to clean the air filter to maximize airflow.
- “Energy Watch” monitors power consumption (kWh) and calculates the actual dollar cost of operating the LG Mini-Split Air Conditioner over a selected time period.

PRODUCT OVERVIEW

DUCT-FREE-SPLIT ART COOL, SINGLE ZONE & INVERTER

9,000 – 12,000 BTUs
Cooling and Heat Pump
Dimensions: 235/8" W x 235/8" H x 53/4" D (indoor),
dB(A): 29 – 41 (indoor), 48 (outdoor)

9,000 – 24,000 BTUs
Cooling and Heat Pump
353/16" W x 111/8" H x 61/2" D — 4311/16" W x 113/4" H x 77/8" D (indoor)
dB(A): 32 – 47 (indoor), 48 – 56 (outdoor)

Standard Mirror Organic Cream White
Art Flower Gold Snow Flower White

DUCT-FREE-SPLIT STANDARD, SINGLE ZONE & INVERTER

9,000 – 24,000 BTUs
Cooling and Heat Pump
Dimensions: 331/16" W x 105/8" H x 61/32" D — 4215/16" W x 1113/16" H x 71/32" D (indoor)
dB(A): 28 – 46 (indoor), 48 – 57 (outdoor)

30,000 BTUs
Heat Pump Inverter
Dimensions: 473/5" W x 133/5" H x 81/4" D (indoor)
dB(A): 39 – 47 (indoor), 58 (outdoor)

FLOOR STANDING & CEILING CASSETTE, SINGLE ZONE

24,000 BTUs 42,000 BTUs
Single Zone Split Systems
Floor Standing

24,000 BTUs 42,000 BTUs
Single Zone Split Systems
Ceiling Cassette

FLEX MULTI-SPLIT, DUAL & TRI-ZONE

Dual-Zone
Flex Multi-Split System
Mix and match for 18,000-24,000 BTUs
Heat Pump Inverter

Tri-Zone
Flex Multi-Split System
Mix and match for 27,000-33,000 BTUs
Heat Pump Inverter

Quad-Zone
Flex Multi-Split System
Mix and match for 36,000-48,000 BTUs
Heat Pump Inverter

Standard Mirror Organic Cream White Art Flower Gold Snow Flower White

PACKAGED TERMINAL AIR CONDITIONERS



7,000 – 15,000 BTUs: Heat/Cool;
7,000 – 15,000 BTUs: Heat Pump
Dimensions: 42" W x 16" H x 197/8" D
dB(A): 43 – 49 (indoor), 58 – 63 (outdoor)

THROUGH-THE-WALL



8,000 – 13,000 BTUs: Cooling;
9,200 – 11,200 BTUs: Heat/Cool
Dimensions: 2421/32" W x 1413/32" H x 1921/32" D
dB(A): 48 – 49 (indoor), 60 – 61 (outdoor)



INNOVATIVE
•
COMFORT
•
SOLUTIONS



LG Electronics, Air Conditioning Division
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for more information and where to buy,
visit www.lghvac.com