What Are Ductless Air Conditioners?

Now more than ever before, homeowners are making the switch to smart technology options, including energy-efficient options such as ductless air conditioning systems. But what makes a [ductless air conditioner](http://armstrongcomfort.com/greater-pittsburgh-cooling/ductless-air-conditioning) different than a traditional system?

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What is a Ductless Air Conditioner?

This type of air conditioner runs on electricity. It spreads cool air throughout a home through a heat pump. There are two parts to the system: an outdoor unit and an indoor unit that may or may not be mounted on a wall. In addition, some units are available with a remote control for your convenience.

How Does it Work?

The key to a ductless AC is refrigerant. The refrigerant in the system compresses or expands to heat or cool a home. When the AC is on, the system takes the hot air inside a home and delivers it outdoors.

Cooling the Individual Rooms in a Home

With a [ductless air conditioner](http://armstrongcomfort.com/greater-pittsburgh-cooling/ductless-air-conditioning) system, you can control the temperature in each of your rooms. For instance, you may want to increase the comfort level in the living room while you and your family enjoy watching a movie. No one is upstairs, so you don’t have to cool the bedrooms while they are unoccupied. Being able to adjust the temperatures in the various zones in your home helps you to avoid cooling rooms that you aren’t using and to save money.

How Do You Control This Type of AC?

You can set desired temperatures for rooms via the system’s control panel. Some units have remote control devices that allow you to change temperature settings from anywhere in the home. Even better, the Mitsubishi ductless system can be controlled through Wi-Fi via your tablet or smartphone, making it convenient to set your temperature preferences from anywhere. If you leave home in a hurry, you may forget to set the temperature in your bedroom, living room, etc. With this system, you can avoid a trip back home by just getting on your smartphone and making the proper temperature adjustments.

Are These AC Systems Large and Unsightly?

Not at all! The size of the indoor and outdoor units you receive depend on the needs of your home. A trained technician comes into your home to determine the proper size of the units, so you end up with a system that fits your needs and the dimensions of your home.

What Type of Home Should Have an AC Ductless Air Conditioning System?

Any type of household that wants to save on monthly utility bills! Some individuals who own older homes want their rooms to feel more comfortable throughout the year, and opt for ductless ACs as opposed to the hefty price tag of installing ductwork. Alternatively, many owners who are building new homes want to have the most up-to-date option when it comes to cooling their homes and enjoying clean, fresh air with the help of the filtration system. Any homeowner who wants to improve the comfort level inside their home can take advantage of this system.

The Benefits of a Ductless AC

Installation is Fast and Easy

Because a ductless air conditioning system includes so few components, it’s easy to install in a short amount of time. So, this means that you don’t have to put up with a lengthy disruption of your daily routine while heavy pieces of equipment are carried into your home. The installation is done in an efficient, timely fashion. In addition, your technician will explain the system to you as well as the operation of the remote control, making the process even easier.

A Highly-Efficient System

A ductless AC system is 40% more efficient than the conventional air conditioning system. Your system is not using any more energy than it needs to cool your home. This adds up to savings on the monthly utility bill!

A Durable System

A ductless air conditioning system that receives regular maintenance is designed to last at least 20 years. An owner can perform some maintenance tasks such as making sure the filter in the indoor system is clean and that the coils on the outdoor system are free of debris such as leaves, sticks, etc. Having peace of mind about the reliability of this system is part of what makes the Mitsubishi ductless so popular with homeowners.

Tax Rebates

Getting this type of energy-efficient cooling system often means you may qualify for federal and local tax rebates. So, you’re not only getting better quality and cooler air in your home, but you’re also being rewarded for upgrading your system!

A Desirable Feature

If you ever decide to sell your house, a ductless air conditioner can be a highlighted feature in your home’s listing. Many potential buyers may find this money-saving, efficient system appealing in their search for a new home. Plus, they will love the comfortable atmosphere of your rooms when they walk in the door for a tour.

Quiet Operation

This AC system operates very quietly. So, if you’re reading, watching television, or simply relaxing in bed for the night, you won’t be disturbed by a rumbling air conditioner clicking on and off.

Multi-Stage Filtration Improves Air Quality

If you or a family member suffer from allergies, asthma, or other respiratory issues, the multi-stage filter on this AC system can help relieve symptoms of these conditions. The filter absorbs airborne contaminants, so they are not circulating and recirculating through your home’s air throughout the day and night. This filter is especially helpful if you own pets that shed a lot of hair!

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