

TOP 7: Benefits of a Ductless Mini Split AC System

Ductless Mini Split AC Systems can cool entire homes, small apartments or company meeting and conference rooms. These versatile cooling units are also very useful and effective as additional cooling sources during summer heat waves for homes or commercial facilities that currently have ductless air control (heating and cooling) system installations.

Mini split cooling systems have two primary units—an outdoor compressor/condenser and an indoor air-distributing unit. Other parts include the conduit, which contains a power cable, refrigerant tubing and suction tubing and a drain for condensation. These outdoor and indoor units are linked together for performing efficient and effective cooling functions. These units are compact and easy to install.



They are also easy to move if you should need to reinstall them at another location in your home or business to meet changing needs of your household or company staff. If your external or internal cooling units should need repairs or adjustments at any time, both units are easy to access for fast, easy and thorough servicing.

Major Benefits of Installing a Ductless Mini Split Air

Ductless Benefit 1: Energy Efficiency

Because they are designed without ducts, these mini split systems do not experience the degrees of energy loss that the duct work used in central air conditioning systems allows. Energy losses due to duct work in more traditional air conditioning systems account for over 30 percent of energy consumption during use, particularly if the ducts are located in a room or area that is not being cooled. Most mini split users find that they are actually conserving on energy usage by keeping their AC running consistently during the hot, humid days and nights of the summer months and turning the temperature up or down as needed.

Mini Split Quick Tip:

Many of these homeowners or business building managers have had experience with larger central cooling units, switching them on and off to control the indoor temperature. Turning these larger air conditioning installations on and off frequently actually requires more energy than consistently running mini splits and adjusting the air temperature.

Ductless Benefit 2: Cost-Effectiveness

Each indoor air handling and distribution unit of your mini split system is controlled independently, allowing you to raise or lower room (zone) temperatures as you like, by a remote control. Throughout each day and night, you can easily and conveniently cool only rooms in

your home or commercial building that are actually being used, which will lower your monthly energy costs. Also, if you do not wish to spend the funds necessary to cool all the zones in your home or office at the time of your initial mini split purchase and installation, you can cool one or two zones, adding the remaining zones at a later time. This versatility is one of the many benefits of a ductless system.

Ductless Benefit 3: Noise Control

Current brands and models of mini split cooling units offer quiet operation. Earlier models often were somewhat noisy, especially when set for the higher levels of AC for cooling your home or commercial interiors. However, the fans of these modern mini splits run at lower speeds than some earlier designs, while providing optimal degrees of cooling throughout each zone. Especially since the compressor/condenser is installed outside your home or commercial building, there is less noise to contend with indoors. Ductless split systems, in general, provide more smooth and quiet operation than the majority of traditional AC systems have the capacity to offer.

Ductless Benefit 4: Home Security

Because they only require small holes in the walls of your home or commercial building for connecting the outside compressor/condenser to your indoor air handling units, mini split AC installations actually offer considerably more home security than air conditioning units installed in your windows or walls. Wall AC units are especially easy to dislodge from outdoors, enabling an intruder to enter your home or offices quietly, most likely unnoticed.

Experienced thieves and burglars who are slender have often trained themselves to contort their bodies, which can allow them to squeeze through small spaces in order to gain unauthorized entrance to a home or commercial facility to remove valuable personal or company property. Providing better home or office security is certainly one of the important benefits of a mini split system.

Small, But Mighty

Due to their small, compact designs, versatility of indoor and outdoor placement and easy installation, mini split air conditioning systems are on the rise in terms of popularity and sales among savvy modern home and business owners. As you can see, there are many valuable benefits of a ductless system.



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