

ComfortPro[®]Systems

QuietAir

Why do Pros Choose QuietAir



industry leading SEER ratings
replaces old style systems
ADC box technology
labor saving design
ease of installation
system capacity
quiet operation



Why?

RESIDENTIAL NEW CONSTRUCTION

Our pressurized duct heating and cooling system is the perfect choice for new construction because it can be installed easily in almost any structure positioned either horizontally or vertically. It provides the ultimate in comfort by eliminating hot and cold spots in the structure. QuietAir delivers industry leading system capacities and will deliver full rated condenser capacity from 12 to 15 SEER using a completely sealed duct system meeting all of the new energy standards.

RESIDENTIAL REPLACEMENT

All air conditioning systems eventually need to be replaced; air handlers and condensers go bad over time. Old pressurized duct systems can cause particular problems because of their unique design. The good news is our QuietAir system can be easily adapted to most old style systems because of system capacity and multi-speed blowers and in many cases actually improving the old systems performance.

Design

It is very important to have heat gain and heat loss calculations done for all projects whether it is new construction or replacement to ensure proper system performance and long life. QuietAir can be used with any R-22 or R-410 outdoor air conditioning or heat pump units. More design features; we also provide an electronic or hydronic heating coil option that easily slips into our coil module for easy access. Lastly, we offer a multi-position chilled water coil for commercial projects.

System

A QuietAir system is comprised of a coil module, blower module, main plenum, return air center, air distribution center and supply ducts. Perhaps the most important feature of our system is that each component is matched to each other, providing a completely sealed duct system. This is one of many QuietAir features that will pay solid performance benefits for many years.

ADC box technology

In a QuietAir system, ADC air distribution center is the key to quiet system performance and system balancing. Mostly, ADC boxes are used in new construction because they self balance and quietly evenly distribute the conditioned air to the space. They also can be used when replacing an older system, with defective ductwork.

Installation

NEW CONSTRUCTION:

QuietAir systems lead the industry in the ability to easily adapt to tough job site conditions. In new construction applications our system easily installs because all of our components are matched and sold as kits. Our ADC box technology saves time and labor, because it acts like a bellows and evenly distributes air through out the structure and eliminates the time consuming process of balancing outlets. QuietAir systems can be matched with any ARI rated condenser or heat pump.

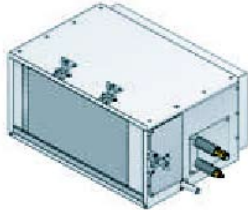
RESIDENTIAL REPLACEMENT:

In retrofit applications our system is easily matched to existing duct systems, because of our full flow through coil and five speed blower capacity and CFM range. Our modular design and equipment size makes it very easy for installers to get our equipment into attics and crawl spaces. (We easily fit between joist space). Often due to poor performing older systems, mold and existing duct damage it is necessary to add outlets and replace duct work.



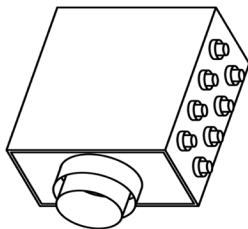
BLOWER MODULE

The blower module is a five speed and multi-position unit which can be set to produce the exact amount of air volume to ensure proper distribution throughout the structure.



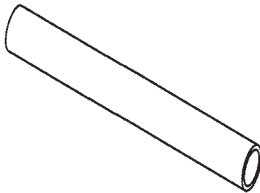
DX COIL: MODULE

The ARI rated coil module contains the cooling/ heat pump coil. Our coil has been developed to be more efficient and less restrictive than other high pressure systems. Hot water coils can be added to the coil module to provide heating from a hot water boiler; or electric resistance heaters can be added as supplemental heat for a heat pump.



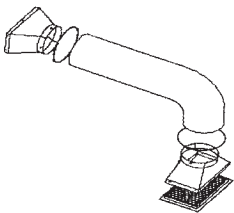
ADC BOX:

The air distribution center balances the air pressure to each outlet. Constructed of "KoolDuct" for a super insulated factor of R-8.5 with no additional insulating required. All ADC boxes come pre-drilled with all the required spin-in connectors.



ALUMICORE FLEXIBLE DUCT:

Our UI181 rated flexible duct is manufactured with an inner core with four layers of material. The inner core is manufactured using two 60 micron layers of aluminum encapsulating two layers of 30 micron polyester and wire coils. Available with R-8.0 insulation in 2 inch, 3 inch, 8 inch, 9 inch and 11 inch flexible supply duct sizes.



RETURN AIR CENTER:

Flexible acoustical return air duct for easy installation. Comes complete with return air grill, sound kit and filter.

OUTLET OPTIONS:

Several outlet configurations are available starting with white plastic round, oak round, oak surface mount, and slotted horizontal.

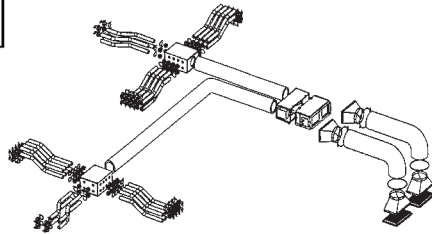
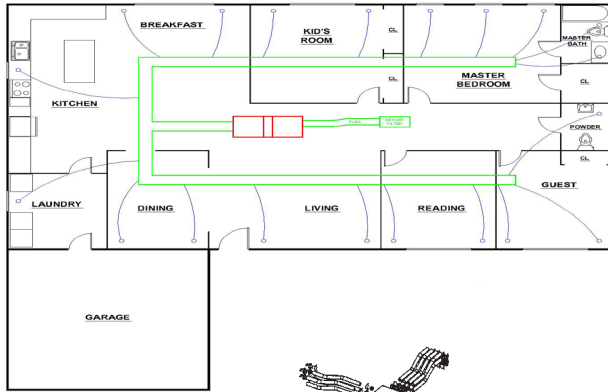
Performance

Our ComfortPro QuietAir system package is a top performer because of quality engineering and design, matched with quality components. In addition, our products are supported by factory representatives with many years of high pressure cooling and heating experience.

Your Next Project

Contact us at 800-968-8905 or at www.comfortprosystems.com for our help with your next snow melting opportunity. We can assist with all design and specification questions.

Old style system typical layout

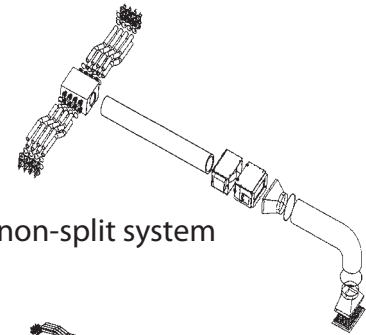
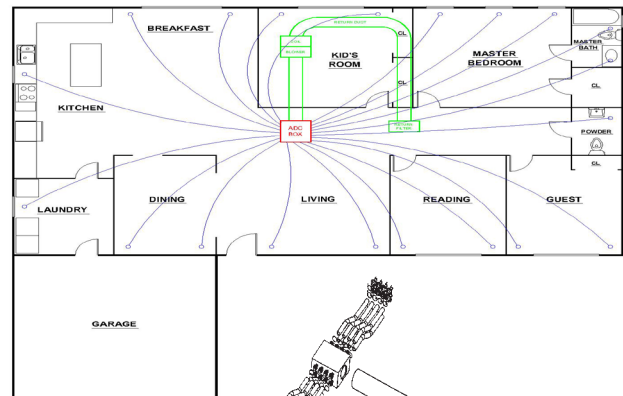


5 ton non-split system

QuietAir Advantages:

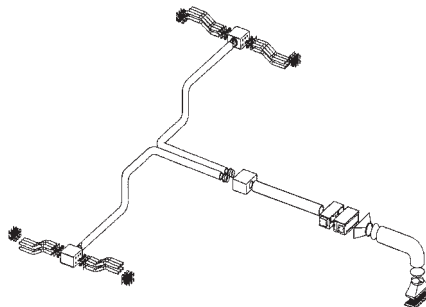
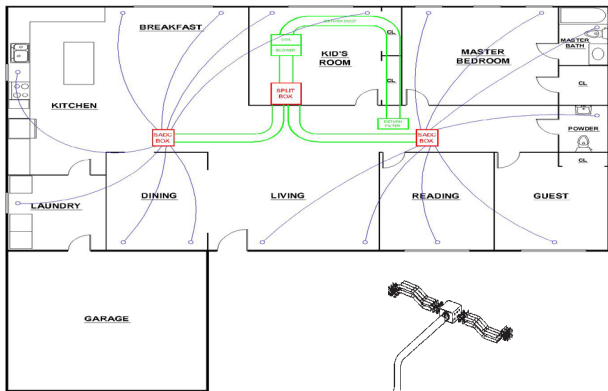
- * Easily replaces old high pressure systems
- * Smaller equipment foot print
- * Sold as a kit.
- * System self balances itself.
- * 13 SEER system 3-ton capacity = 33,000 btu
- * Rated up to 15 SEER
- * Completely sealed duct system
- * All duct work rated at R-8.5
- * Flexible duct system
- * No attic insulation work required

Non-split system layout

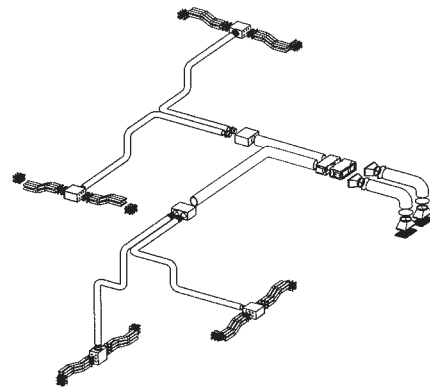


1.5 to 3 non-split system

Split system layout



3 - 4 ton split system



Five ton split system