



*only trust your job to an ACDA member...
we guarantee it*

heating and cooling solutions available from your ACDA specialist

Scale: 1:100
Site Plan



Room Air Conditioner

Room Air Conditioners

The traditional Room Air Conditioner is the box in the window or wall where the entire system is contained within one (1) package.

These systems are easily fitted to windows or through openings made in brick walls or timber walls and provide a rapid low cost solution.

Known as an "RAC" they can be cooling only or reverse cycle.

By comparison now days the packaged room air conditioner tends to be noisy, unsightly and is rarely installed, for home applications.

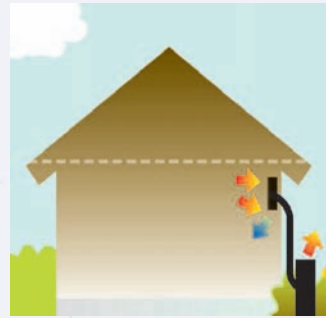
What Is A Split System?

From the package Room Air Conditioner, the Split System evolved where simply the packaged system was cut in half with the indoor fan and coil being mounted on the wall inside. The compressor and outdoor condensing coil is mounted in a larger more slimline housing that can be installed often many meters away from the indoor coil, therefore providing a split system solution.

The advantage of Split Systems is they are a lot more flexible on their installation options, as well as being a lot more discreet to the aesthetic features of the outside of the home.

Split Systems are also quieter and offer many extra features, such as remote control options, timer, humidity control etc.

Split Systems are now the preferred choice for most room air conditioning solutions.



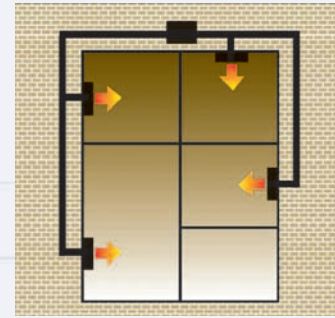
Hi wall Split Air Conditioner

Room Split Air Conditioning Systems

Room Split Air Conditioning Systems have an indoor fan coil unit that can be mounted high on the wall or in some cases on the ceiling or partially up the wall or even at floor level, providing a solution that best blends in with your interior decoration.

The outdoor condenser can be located at the side of the house on the roof, in some cases on brackets against the outside of the building or in the garden. Refrigerant pipes connecting both indoor and outdoor unit, along with electrical conduit and condensate drain being concealed within neat metal or PVC plastic trunking looking much like a down pipe making the installation extremely subtle and not defacing the look of your home.

These wall mounted Splits Systems provide very accurate temperature control and often have remote controls with timer, heating / cooling, dehumidification and fan only feature. Some manufacturers provide the option of various styles of compressor and technology from scroll to rotary and even Inverter technology, making the outdoor units extremely quiet, setting very high standards that allows your ACDA Member company to best design your application.



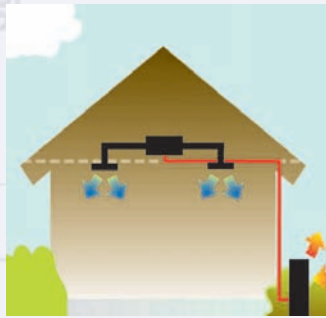
Multi Split Air Conditioner

Multi Split Type Air Conditioning Units

Technology has advanced so that Multiple Indoor Fan Coil Units can provide comfort conditions to various rooms all powered from one (1) outdoor condensing unit.

This has proven to be extremely attractive in apartment living and high density living applications, where limited outdoor space is available.

Multi split air conditioning systems provide technical solutions to these limited outdoor applications, however the cost of the Multi Split System is almost identical to providing separate solutions for each room.



Ducted Reverse Cycle

Ducted Reverse Cycle

A fully ducted system allows you to heat or cool your whole house 24 hours a day. Or you can select the rooms you wish to air condition and save on running costs - living rooms during the day and bedrooms at night for example.

Your ACDA member will advise you on the advantage of day/night, multi or single zoning for your home.

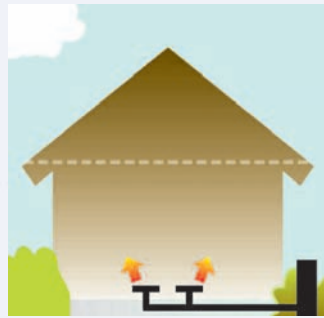
The ultimate in home comfort for the whole family.

Operates from a central unit that air conditions your entire home through grilles in the ceiling, floor or wall.

ACDA members can design, supply and install a ducted air conditioning system for heating or cooling or reverse cycle providing heating and cooling to your existing home or to homes being constructed or renovated. ACDA Members can design a system off your plans, or conduct a home survey.

Ducted systems can be designed for part of your home, for example the top floor only, or the whole home as required. Ducted systems are usually zoned so that certain parts of the home need not be conditioned while other areas may, which results in significant running cost savings and often the ability to use smaller, quieter and more efficient equipment.

Fully ducted air conditioning is more than an investment in your family's comfort it's an investment in the value and prestige on your home.



Central Heating

Gas Central Heating

Once you have experienced how Gas Central heating quickly and efficiently warms your home you'll never want to be without it.

Installed beneath the floor or in the ceiling space, ducting distributes warm air through the home.

Exterior units are installed flush against an external wall (or an internal unit is installed in the ceiling for ceiling ducting) delivering warm air by the efficient use of natural gas or LPG.

Gas central heating systems can have the ductwork sized so that in the future add-on cooling can be provided.

The hot summer in 1998 was a fantastic example of people wishing us to add cooling onto the existing gas systems they had installed.

Unfortunately, many systems that were installed did not have ductwork of sufficient size to allow the add-on cooling system to be provided and this resulted in many systems having to be totally removed and started from scratch.

Your ACDA Member will provide you with independent advise to best suit your long term needs.



Evaporative

Evaporative Cooling

Evaporating Cooling Systems provide solution to a drier climate area usually west of the Blue Mountain ranges. Moisture is introduced to the air through a roof top system, evaporation occurs which causes heat loss providing cool air that is pumped through the home.

Evaporative Cooling Solutions generally are not suitable within areas close to the Coast, such as Sydney, Wollongong and areas of the east of Blue Mountain range. However evaporative cooling in the country areas and some cities, such as Adelaide, Perth and in some areas of Melbourne, particularly the western and north western areas is extremely popular.

Maintenance issues are also important, keeping the water free of bacteria etc. Your ACDA Member can provide a maintenance program to suit your needs.

You should consult your ACDA Member for the best possible advice.

ABOUT US...



About The Air Conditioning Dealer Association

The Air Conditioning Dealer Association membership consists of specialist contractors committed to providing air conditioning systems to suit the needs of their clients in a professional, courteous manner that makes them leaders in the industry.

Our History

The ACDA was originally formed in the early 1980's as the Carrier Dealer Association (CDA). Carrier Air Conditioning had a well-established independent dealership structure in Sydney, which was growing across Australia.

A few of the larger Carrier Independent Dealers in Sydney, the Central Coast, NSW Country areas and Canberra got together and formed the CDA.

As time progressed and other manufacturers emerged in the market place, alliances with manufacturers changed amongst the Members and the Association's name changed to the Air Conditioning Dealer Association (ACDA).

In 1996 the ACDA was incorporated and now has Members representing a range of major brands.

Our Charter

The ACDA charter evolved from the original intent of providing balance in the market place between the major manufacturer and the major Independent Dealers to using the combined market presence of its Members to put forward a high standard of workmanship, ethical dealings and business structures, which provides specialist engineered heating and cooling solutions with long term support and after sales service.

To this end the ACDA has established a Code of Ethics, Guarantee and workmanship standard and is recognised by the consumer as providing a more secure purchasing option. This not only benefits the consumer and ACDA Members, but the Industry as a whole.

Additionally, by offering a range of major brands through independent well-established Dealers the consumer not only has the option of a secure purchasing decision, but also has a choice of brand within a competitive, ethical network of Air Conditioning Specialist Contractors.

The Air Conditioning Dealer Association's CODE OF ETHICS

- To be honest and ethical in all dealings with their clients, submitting quotations in a manner that will enable a fair appraisal of the system offered.
- To offer installations carried out by licensed personnel representing value for money.
- To provide products from major suppliers that have a reputation for quality and service.
- All association members adhere to ACDA "Approved Standards" in their dealings with their clients.

The Air Conditioning Dealer Association's Guarantee

Should an ACDA member fail to complete or install the product to ACDA Standards, the Air Conditioning Dealer Association will engage the services of a Chartered Engineer to investigate, report and advise the client of any defects or shortcomings of their installation.

Workmanship Standards

The purpose of establishing a Standard for ACDA Members and the Consumer is to provide a benchmark in the standard of dealing and installation.

The Standard sets a benchmark in the Industry and ensures the Consumer will receive excellent value for money, an economical system and correctly engineered product.

To see the workmanship standards in detail visit the ACDA website.



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