

*Advantage***Air**

Takes reverse cycle
air-conditioning to a
new level of comfort.



www.advantageair.com.au

Advantage Air makes everyone feel right at home.

There's much more to reverse cycle air-conditioning than blowing hot and cold air. It has the ability to create a home environment that is perfectly tuned to the comfort needs of all its inhabitants.



Advantage Air has now leapt further ahead of any other standard domestic zoning control.

Advantage Air has taken their evolutionary advantage further with their new zoning options, the next step in complete home comfort. Clever technology works to deliver air-conditioning comfort more efficiently, with more control to the various zones in your home.

It's not just their performance and reliability that sets Advantage Air products apart from the rest. The highly-evolved nature of their award

winning systems is evident in their design and reliability. To prove it's not just talk, Advantage Air guarantee their ducting components for 10 years and their electronic controls are covered by a 5 year guarantee.

Advantage Air systems are proudly Australian owned and manufactured meaning they are specifically designed for extreme climatic conditions.



Air Management

The Advantage Air difference starts with ingenious 'Exact Air'.

As your air-conditioning consultant will have chosen the correct unit size for your home, there will be ample air to be distributed to each room. However, the amount of air flowing to each room may often vary due to different duct lengths and design layouts. Your installation professional should balance the system using dampers in the ductwork in order to increase or decrease the air flow to each of the outlets until an even distribution of air is achieved in each room.

The standard method of air management is either the use of metal or blow-moulded fittings and damper bodies. The conventional damper bodies have a circular internal section called a 'scoop'. When the 'scoop' is moved by an external handle, the 'scoop' rotates more open or closed to increase or decrease the air flow. However, this damper is limited - once the scoop is moved it creates a great deal of resistance very quickly, and disrupts the airflow.

The scoop is also commonly fastened with a nut which can, over the life of the system, loosen and render the damper useless unless constantly adjusted.

What sets the Exact Air apart from the rest is the accuracy of the Opposed Blade Dampers, or OBDs. They are a linear balancing method that ensures more accurate airflow balancing.

Exact Air provides a level of proportional air control that conventional 'scoop' type damper blades are no match for.

They have 21 different locked positions that will not move over time, and can be used both manually and with any of our market-leading zone control motors.

Conventional Damper Body



Exact Air

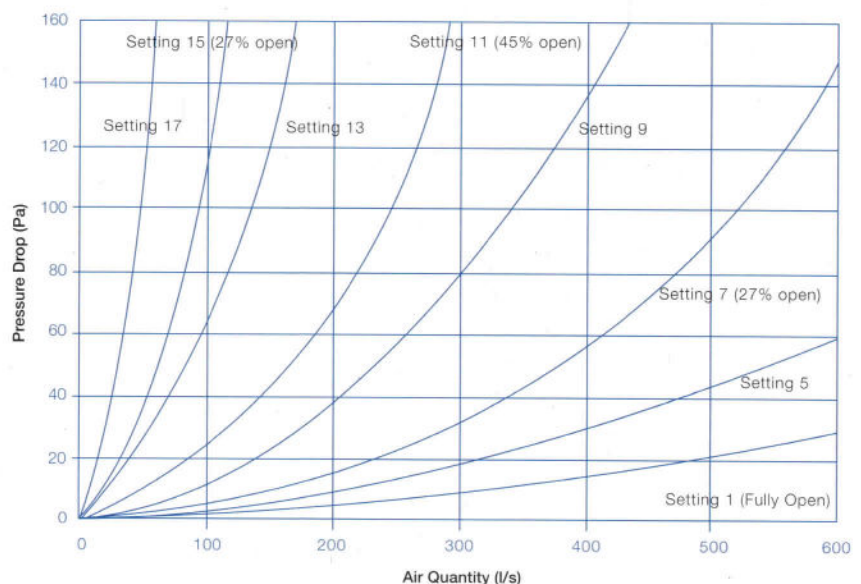


**The Exact Air,
Advantage Air's
Design Mark
winning air
management
system.**



Exact Air Opposed Blade Damper Performance

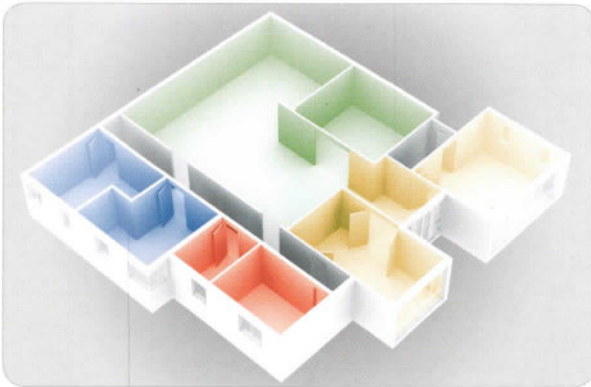
Air Quantity vs Pressure (4 Blades)



Zoning

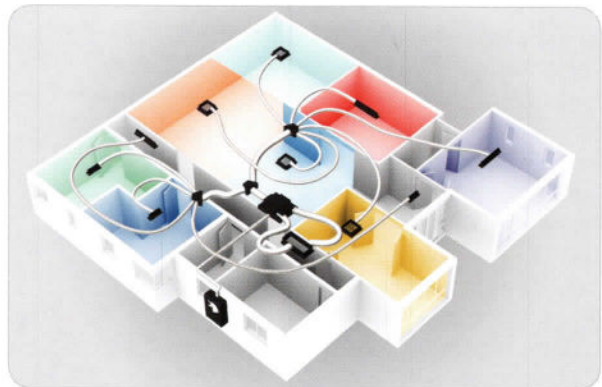
Air-conditioning that reverses the cycle of wasted energy.

Conventional Zone System

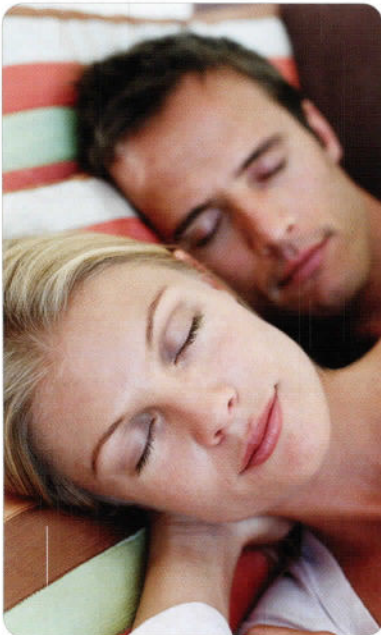


'Constant' systems have 4 zones and a constant **'dump'** zone (in green). These zones will group together rooms that will receive air whether they require them or not, and the dump zone will always be on.

Advantage Air's Zoning



Advantage Air's Zoning does not need a 'dump' zone as it allows control on a needs only basis to each zone.



Ducted air-conditioning systems work by heating or cooling zones in the house to the desired temperature based on a single thermostat. This is usually placed in a central living area within the home.

Conventional zone systems require a dump zone - usually a large area (see the green area), where air is constantly dumped whenever the system is on. The dump zone is needed in case all the other zones are closed accidentally.

With Advantage Air's Zone 10 and Zone Station, you do not need a wasteful dump zone because Zone 10 and Zone Station senses how many zones are closed and then automatically opens a preselected zone(s) to release excess air only when needed.

So if you don't want to pay to constantly air-condition your hallway or stairwell and want to control all the rooms in your house, choose Advantage Air's Zone Station or Zone 10.

Advantage Air

Duct

We don't just develop cutting edge control systems. Advantage Air has been manufacturing duct here in Australia for over 15 years. We know our duct works so well it is guaranteed for 10 years. We also manufacture a range of duct to fit special situations - from 'Accoustiflex' noise dampening ductwork to high grade Dynaflex, we have it.



Air Quality

Industry Standard



Single-Layer
Filter

Ordinary Return Air Grille

Consists of a simple grille with a single layer filter that helps clean the air by collecting larger dust particles and lint. Deteriorates over time with washing.

Advantage Air Standard



30%
Cleaner Air

Multi-Layer
Electrostatic
Filter

Purtech Return Air Grille

The Purtech Return Air Grille is another example of Advantage Air leading the way in delivering quiet and efficient systems. The multi-layer electrostatic technology can produce up to 30% cleaner air. Plus, it's easy to remove and clean. While most filters lose their filtration after a few washes, cleaning does not reduce the effectiveness of the filtration of the Purtech filter which will continue to filter effectively for the life of your system.

Advantage Air Options



Energy
Saving Option

Clean-me L-E-D Warning Option

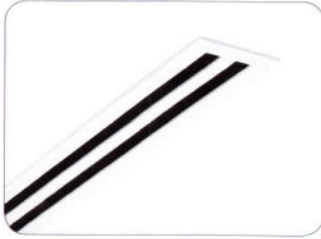
A discreet warning device lets you know when it's time to clean your filter.

A dirty filter increases your power usage, and makes the system work harder causing unnecessary wear and tear.

For more on how air-conditioning works, visit our website at www.advantageair.com.au

Advantage Air

Advantage Air Diffuser Options



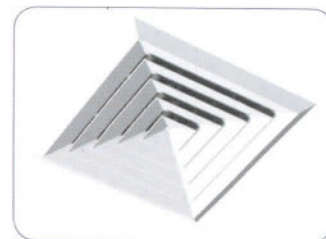
Linear Elite Diffuser

The cutting-edge, sophisticated design of the Linear Elite will enhance the interior of any home. They can be used in specific rooms whilst choosing a standard diffuser in other rooms.



Half StreamLine Grill

Specifically designed for small spaces, the Half StreamLine Grill provides an option for those awkward, hard to get to places.



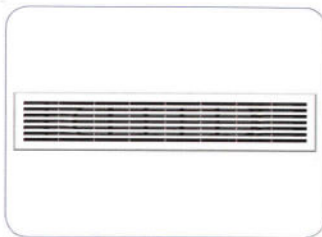
Silhouette Diffuser

Ensures whisper quiet cooling to all corners of the room, gently diffusing air across the room.



StreamLine Diffuser

The only diffuser available with adjustable blades that sit flush with the ceiling. Unique 7 point setting systems allows blades to be adjusted precisely to diffuse cool air across the ceiling or to direct warm air down into the room.



Small Linear Diffuser

A smaller compact version of the Linear Elite Diffuser that still delivers a big impact. On distributing air specifically to all corners of the chosen room with adjustable blades, it allows precise control of the distributed airflow.



Swivel Jet Diffuser

The Swivel Jet's 'full Swivel function' gives you greater directional airflow. Choose your own comfort setting with Swivel Jet's 'no fuss' adjustable damper. The attractive, low profile design is guaranteed to suit any decor, plus providing a very convenient control to ensure that the airflow direction can be changed to suit your changing room design and furniture layouts. The Swivel Jet is super quiet and has a 'removable centre' that ensures easy access for cleaning.