

airstream
MAKES THE NUMBERS WORK HARDER

**Inventive design.
Intelligent solutions.
Intuitive control.**



Airstream, the air distribution specialists.

Airstream air conditioning distribution systems.

As air flow engineering specialists, we know that Australia's harsh climate demands more than just an effective air conditioning unit. To enjoy year-round comfort throughout your home, you need an equally high quality air distribution system.

At Airstream we know how to make the numbers work harder. Our precision engineered products and innovative technologies deliver unrivalled efficiency and precision temperature control throughout your home. This saves you money and keeps your family comfortable whatever the weather.

Innovation and impartiality

We've also made it our mission to cut through the contradictory and often misleading information in the marketplace. We focus wholly on providing the advice and high quality products you need to ensure your air conditioning system makes the numbers work harder.

No gimmicks. No unnecessary features. No compromises.

Just air conditioning distribution solutions that deliver industry leading performance, savings and comfort control.



At Airstream, we're experts in the science of air management. And it's this knowledge that has inspired iZone, the industry's next generation climate control system.



Airstream's iPure® system utilises high quality filters that capture the smaller allergy causing particles that may be harmful to your health.



Built specifically for Australia's climate, our high-precision components are designed to meet the most stringent commercial standards. The result is a huge leap forward in energy efficiency, intuitive control and ultimately comfort.



Our patented iSave® system maximises the cooling efficiency of your ducted air conditioning to save you money. This Airstream innovation makes use of cool outside air to drastically reduce the running costs of your residential ducted reverse cycle system.

GREATER CONTROL FOR GREATER SAVINGS

Our unique control algorithms turn zone dampers into highly accurate airflow monitors that can be automatically adjusted in 5 per cent increments in every zone. That's ultra-fine control that will maximise efficiency and minimise costs.



izone[®]

ipure[®]

imaxi[®]

isave[®]

Why choose Airstream?

That's easy.

With so many factors to consider, choosing the right air conditioning control and distribution system can be difficult. But we want to make it as easy as possible for you. So here's our at-a-glance guide to why Airstream is the right choice.



Unrivalled insulation, maximum efficiency

We are the only company to offer a complete system with a minimum thermal performance rating of R1.0 on flexible duct and R1.5 on all our fittings as standard. Our air network terminals at R1.5, whilst most of the industry supply minimum grade R0.6 plastic fittings.



Our leak free guarantee: Four layers of leak protection

- Foam seals on all damper blades to prevent conditioned air leaking into unused zones
- All fittings are internally sealed during manufacture
- All fittings are externally sealed with reinforced aluminium tape to vapour seal the fitting
- Every spigot is fitted with a sealing gasket to prevent leakage of conditioned air from the system into the roof space



More intuitive, more reliable, more stylish

iZone® is the most intuitive and reliable zoning system on the market, with a measured warranty rate of less than 1%. No wonder major brands have asked us to develop control systems for their next generation air conditioning units.



The most comprehensive warranty

Because quality is our priority, we're able to offer a full 10-year warranty. That covers everything, including electronic components*. We're confident in our system, so you can be too.



We're proudly WA owned and operated

Airstream is a Western Australian company. That means we understand Australia's unique climate, but it also means we're here for you if you need us – Airstream's owners and founders oversee everything we do, every day.

* Electronic components warranty - 2 Years, plus 8 years extension (conditions apply).



THE AIRSTREAM DIFFERENCE

Maximise Insulation + Minimise Air Leakage = Optimal Energy Efficiency

izone®

ipure®

imaxi®

isave®

How Airstream works with your air conditioning unit.

While the science behind air conditioning and climate control can be complex, we're here to make it as easy as possible for you to secure an air conditioning system that works as efficiently and cost effectively as it can.

So here's how it all works

A ducted reverse-cycle air conditioning system is one of the most effective and economical climate control systems around.

There are basically two parts:

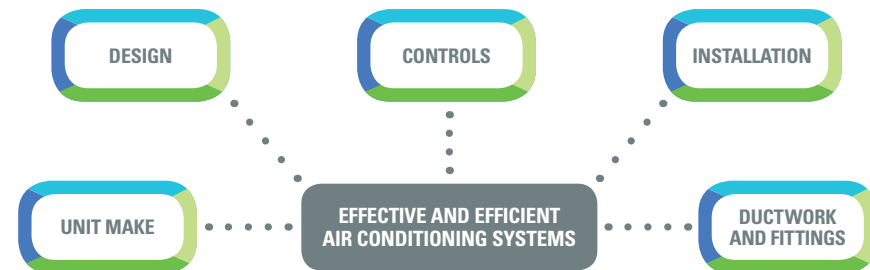
- The air conditioning unit
- The air delivery or air flow distribution system

Airstream componentry works efficiently with your air conditioning unit to provide an air flow distribution system that delivers maximum comfort while minimising running costs.

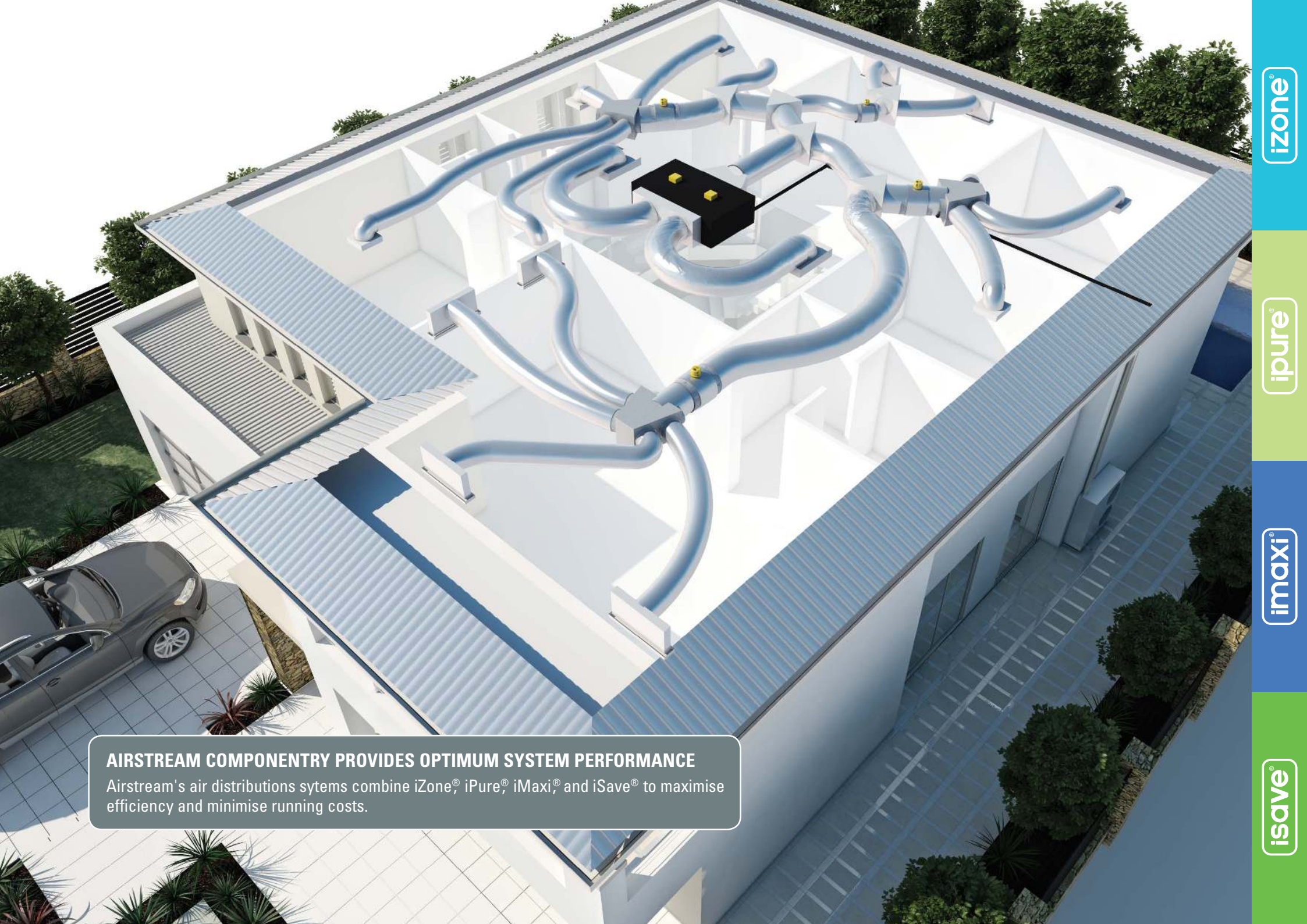
An Airstream system comprises iMaxi® ductwork and air network terminals. Working together with iZone®, the system delivers unrivalled comfort and control to your ducted reverse cycle system. To further enhance the efficiency, iSave® can be added to most iZone Systems™ to provide economical night cooling.

A holistic approach

There are essentially five elements that are critical to an effective ducted air conditioning system.



For your system to deliver value for money, as well as perfectly conditioned air throughout your home, all of these elements must be designed, built and integrated correctly. Anything else will compromise your comfort and make your system more expensive to operate.



AIRSTREAM COMPONENTRY PROVIDES OPTIMUM SYSTEM PERFORMANCE

Airstream's air distribution systems combine iZone®, iPure®, iMaxi®, and iSave® to maximise efficiency and minimise running costs.

izone®

ipure®

imaxi®

isave®

Intuitive, customised climate control with iZone®

iZone® is our proprietary touch screen climate control system, putting complete home-wide air management control at your fingertips. No matter where you are in your home, with iZone® you can adjust the temperature in any room at the touch of a screen or sensor.

It's as simple and intuitive to use as your phone, enabling you to fine-tune the temperature in every room instantly.

- Compatible with all leading air conditioning brands
- Add up to 12 colour touch screens or climate control sensors for ultimate control in every room
- Customise zone names and add zones as your lifestyle and needs change
- Open/close or fine-tune airflow instantly from any screen or sensor to adjust the temperature in the zone

- Program schedules for automatic control
- Single button operation for set-and-forget 'favourite modes'
- Optional WiFi and 4G remote control from your smartphone or tablet, or from our PC App.

iZone® is also easy on the eye – just elegant touchscreen consoles and sensors that come in a range of colours to suit your decor. Changing the background colours on your screens is as straightforward as choosing the precise temperature you want.

*Optional temperature sensors or controllers must be installed in each zone for individual climate control.

**When the iSave option is included the maximum number of zones is reduced to 12.



iSENSE ROOM TEMPERATURE CONTROL FOR OPTIMAL EFFICIENCY

Experience individual room temperature control, like never before with iSense. This intelligent zone controller will detect if a room is unoccupied. iSense will then – according to your preferences – automatically adjust the room temperature or even close the rooms zone damper, switching off the air conditioning to that room.

iSense significantly improves energy efficiency and reduces the running cost of ducted air conditioning systems in homes and offices, directing the airflow to the room you need, only when you need it.

iZone® takes control to a new level.

iZone® offers a choice of three product options to fit your needs and budget, giving you superior control of your ducted air conditioning system. With the iZone® 110, you can operate up to six separate zones, while the iZone® 220 and 320 go even further with up to 14 zones.

With the iZone® 220 and 320 controllers, you'll enjoy industry leading airflow control and functionality, as well as the option to upgrade to fully automated climate control in every room or zone. Combined with Airstream's full air distribution systems, iZone® optimises efficiency, maximises comfort and lowers running costs.

WiFi and 4G

For those who want even more control, the iZone® 220 and 320 have an App, with the option of controlling your system from anywhere, wirelessly or via 4G. You can even integrate these systems with your home automation system.



| Features | iZone® 110 | iZone® 220 | iZone® 320 |
|---|-------------------------------|--|---|
| Intuitive user navigation | ✓ | ✓ | ✓ |
| Customisable touch screen background colours | ✗ | ✓ | ✓ |
| Upgradeable saturn facias | ✗ | ✓ | ✓ |
| Number of zones available | 6 | 14 | 14* |
| Maximum number of screens | 2** | 12 | 12 |
| Airflow adjustment | ✗ | 5% increments | 5% increments |
| Zone temperature control | ✗ | ✓ | ✓ |
| Wireless temperature sensor option for existing homes in 3 saturn colours | ✗ | ✓ | ✓ |
| Temperature sensor calibration | ✗ | ✓ | ✓ |
| Optional iSave® > | ✗ | ✗ | ✓ |
| Favourites mode | ✗ | ✓ | ✓ |
| Filter clean alert with adjustable frequency | ✗ | ✓ | ✓ |
| 7 day scheduling | ✗ | ✓ | ✓ |
| Sleep timer | ✗ | ✗ | ✓ |
| Warranty * | 10 years * | 10 years * | 10 years * |
| Air conditioning unit control | Via manufacturer's controller | Via manufacturer's controller | Full Daikin, Panasonic, Toshiba, Mitsubishi Electric, Temperzone, LG, Fujitsu, Hitachi*** |
| Zone temperature sensing options | ✗ | Touchscreens iSense controllers Zone sensors | Touchscreens iSense controllers Zone sensors |
| Options for A/C unit control | ✗ | ✗ | Return air Master zone**** Auto select from temperature controlled zones |
| Modes | ✗ | ✗ | Cool, heat, vent, dry, auto |
| Fan speed | ✗ | ✗ | Low, medium, high, auto |
| AC unit auto off feature | ✗ | ✗ | ✓ |
| Damper control | On/Off | Tuned PID | Tuned PID |
| Protocol | RS232 | CAN Bus | CAN Bus |
| Remote control | ✗ | Smart phone and tablet WiFi and 4G, PC App | Smart phone and tablet WiFi and 4G, PC App |
| Home automation system integration | ✗ | ✓ | ✓ |

> With iSave® fitted to an iZone® 320 system, the maximum number of zones is reduced to 12. ** Denotes wall controller. *** Not available at time of printing. **** Master and auto select are not available on LG systems.

* Standard warranty 2 years plus 8 year extension (conditions apply).

Air conditioning that looks as good as it feels.

At Airstream®, we've become the partner of choice for discerning interior designers and architects. And it's little wonder. In addition to industry-leading performance, our products offer more colour and configuration choices, so your system will complement your decor.

Your home, your system, your style

Gone are the days of one-style-fits-all air conditioning systems. Our commitment to personalised aesthetics extends from iZone® – our sleek colour touch screen controllers and sensors – to our range of supply air diffusers and return air grilles.

The power of personalisation

Diffusers and grilles are the most visible elements of your air conditioning system within your home. That's why our premium range of diffusers and grilles have been designed to work in harmony with your home's decor and colour palette.

CUSTOMISABLE CONTROLLERS AND SENSORS

With a range of fascia colours and customisable home screens, say goodbye to the white plastic box and select a controller that compliments the décor of every room.

More choices

You can choose from a host of colour and customised configuration options – simply select the look that suits your home's interior. And because our premium diffusers and grilles are engineered from colour-fast metal, they won't fade, crack or warp over time.

Alternatively, opt for our cost-effective plastic range in classic traditional white. The choice is yours.





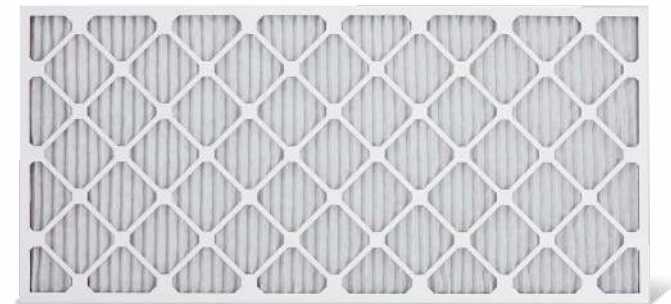
Enjoy cleaner air in every room with iPure.®

Having a high quality air filter installed in a well maintained ducted air conditioning system results in a cleaner, healthier indoor environment. Breathing airborne pollutants often triggers allergy, asthma and hay fever symptoms.

iPure,® Airstream's highest quality natural air filter captures house dust, mould, pet dander, virus carriers and pollen to help reduce symptoms and make breathing easier.

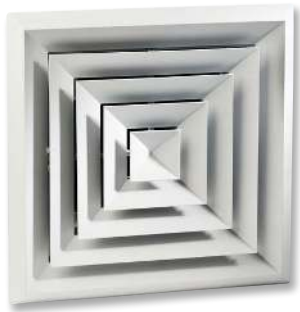
To ensure your iPure® filter is as effective as possible, we choose only the best: Flanders Merv-8 Filter Media. Flanders' media has the highest dust holding capacity and lowest pressure drop of any media in its class. This means you can have the best filtration without having to compromise on your systems performance. Flanders products are also designed to be environmentally responsible, so it's not only your home environment that's improving.

If you have allergies or other health issues that call for an even more intensive filtration system, we also design and build bespoke high efficiency filtration modules. Ask your consultant for more information, or contact us for details.



iPure® Filter

A selection of diffusers and grilles:



Louvre Faced Diffuser



Linear Diffuser



Round Diffuser



Swirl Diffuser



Multi Directional Outlet



Bar Grille



Wall Register



Return Air Grille

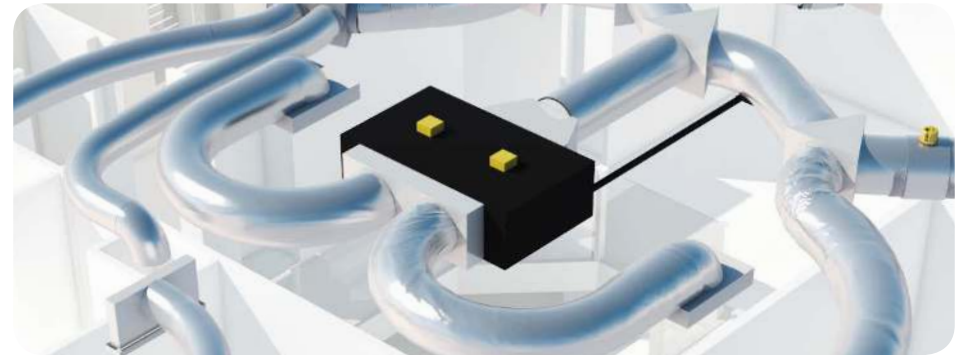
iMaxi® ensures optimum energy efficiency and performance.

The key to cost-effective air conditioned comfort lies in the efficiency of your air distribution system and the quality of its component parts. The greater the insulation value of the component parts, the more energy efficient your air conditioning system will be.

Airstream's iMaxi® components set the industry benchmark for thermal efficiency, making your system more economical to run.

Thermally efficient duct board

Instead of leaky, poorly insulated fittings, we use fully sealed duct board that's made from R1.5 20mm-thick polyurethane, sandwiched between layers of aluminium sheet, providing optimum thermal efficiency.



Exceptional insulation exceptional efficiency

All iMaxi ductwork and fittings are constructed with a minimum of R1.0 insulation. This ensures you receive the full benefit of the air from your air conditioning unit throughout your house.

Air leakage in your ductwork significantly reduces the efficiency and performance of your ducted reverse cycle air conditioning. That's why every iMaxi component is painstakingly sealed by hand, ensuring a leak-free product that delivers our trademark air conditioning efficiency. We even provide an 'airtight guarantee' that our fittings do not leak precious conditioned air.



Zone dampers: Complete peace of mind and control

The automatic control of air to each room is accurately measured and adjusted by an engineered variable air volume damper. Our Zone Barrel Dampers are precision engineered to perform in the harshest Australian conditions. A foam sealing gasket is secured within the damper housing to provide an airtight seal when the damper is closed. The edge of the blade has a moulded 'gramophone' finish to ensure a perfect airtight seal.

Every spigot of an Airstream system is fitted with sealing gaskets to prevent conditioned air leaking through the fittings into the roof-space.

WHY QUALITY INSULATION COUNTS

On a 35°C Australian summer's day, the void beneath a white Colorbond roof can be 41-55°C. Traditionally, this is where a lot of your air conditioning unit's capacity is lost – through poorly insulated or leaking ductwork and fittings.

Tough, flexible, low-friction ductwork

We use metalised mylar ductwork insulated with R1.0 polyester as standard. It's as tough, durable and thermally efficient as it is flexible and smooth, ensuring the air in your system meets minimal resistance. For even greater efficiency, upgrade to R1.5 insulation.



iSave[®] – nature's air conditioning.

Airstream[®] has developed an innovative way to make the numbers work even harder. Our patented iSave technology uses cool outside air to lower the temperature of your home to save you money.

iSave gives you natural cooling for less

Airstream's patented iSave[®] system maximises efficiency while minimising cost. On cool summer nights, at the push of a button you can use 100% fresh air to cool your home. A system of cleverly designed dampers changes your air conditioning system from recycle to outdoor mode, while automatically shutting down your outdoor compressor and switching the system into the cost efficient 'vent mode'. When you switch back to refrigerated cooling or heating, the system automatically moves the dampers back to recycle mode and the compressor restarts to provide refrigerated cooling.







For more information about our inventive approach,
intelligent solutions and commitment to providing
intuitive climate control, call us on (08) 9418 6631,
email sales@air-stream.com.au or visit air-stream.com.au

9 Geelong Court, Bibra Lake WA 6163
phone 9418 6631 fax 9494 1346