

Ducted : Premium - Digital Scroll



Climate control for your home & lifestyle

Air conditioning Australia for over 50 years

making the complex simple.

There's a whisper quiet, energy efficient Temperzone air conditioning system to suit your home, your lifestyle and your budget.

There's a lot to consider when choosing an air conditioning system for your home. To help you make the right choice, every Temperzone dealer is a true air conditioning expert who will guide you as you make important decisions.

The best time to consider your air conditioning needs is before you commence building. Whether you are planning a new home or upgrading the comfort of an existing one, your dealer will start by ensuring you are investing in the right system for the size and style of your home.

This is essential if your air conditioning unit is to operate efficiently and economically. Select a unit that's too small, and it will be overworked trying to keep your home at the comfort level you've selected. Choose a unit that's too large, and you'll be wasting electricity.

But it's not just the size of the unit that will determine energy efficiency. Before you install an air conditioning system, you should make sure your insulation is up to scratch. A correctly insulated home will significantly

from single story ...



to multi story homes
we've got your solution.

reduce both the heating and cooling load required. Which will save you money in the long run – not only in running costs, but also in purchase cost as a smaller unit may suffice.

Selecting the right location for your ducting for optimum efficiency is critically important if you are to make the most of Temperzone technology, and again, your dealer will offer expert advice.

The vents are air conditioning's only visual presence inside your home. Which style of vents will best match your home's style? Your Temperzone dealer can offer you a selection of ceiling vent styles, so one is sure to integrate with your home's interior design.

Another important decision is where to place the outdoor unit. It must not only deliver optimum efficiency but also be unobtrusive, in terms of noise and aesthetics.

Rest assured your Temperzone dealer has the knowledge and the experience to make what may seem to be complex decisions as simple as possible.

The major benefits of ducted air conditioning are:

Whole of home solution

Heating or cooling wherever you need it.

Easy control

Central temperature and zone control with set and forget timers.

Zones

Separate air conditioned zones give flexibility and economy.

Even air distribution

No hot or cold spots in your home.

Extensive range

20 different systems are available across our Digital Scroll and Premium systems from 8kW to 28kW cooling capacity. Selected models are available in both single phase and three phase power options. The options available with the Temperzone range means there is a ducted solution for every size and style of home.

Aesthetics

With only the ceiling or floor-mounted grills visible inside your home, ducted systems do not intrude into the overall look of your rooms like a wall hung unit.

Noise

With all the noise producing equipment in the ceiling, under the floor or outside, ducted air conditioning is the quietest of all air conditioning options.

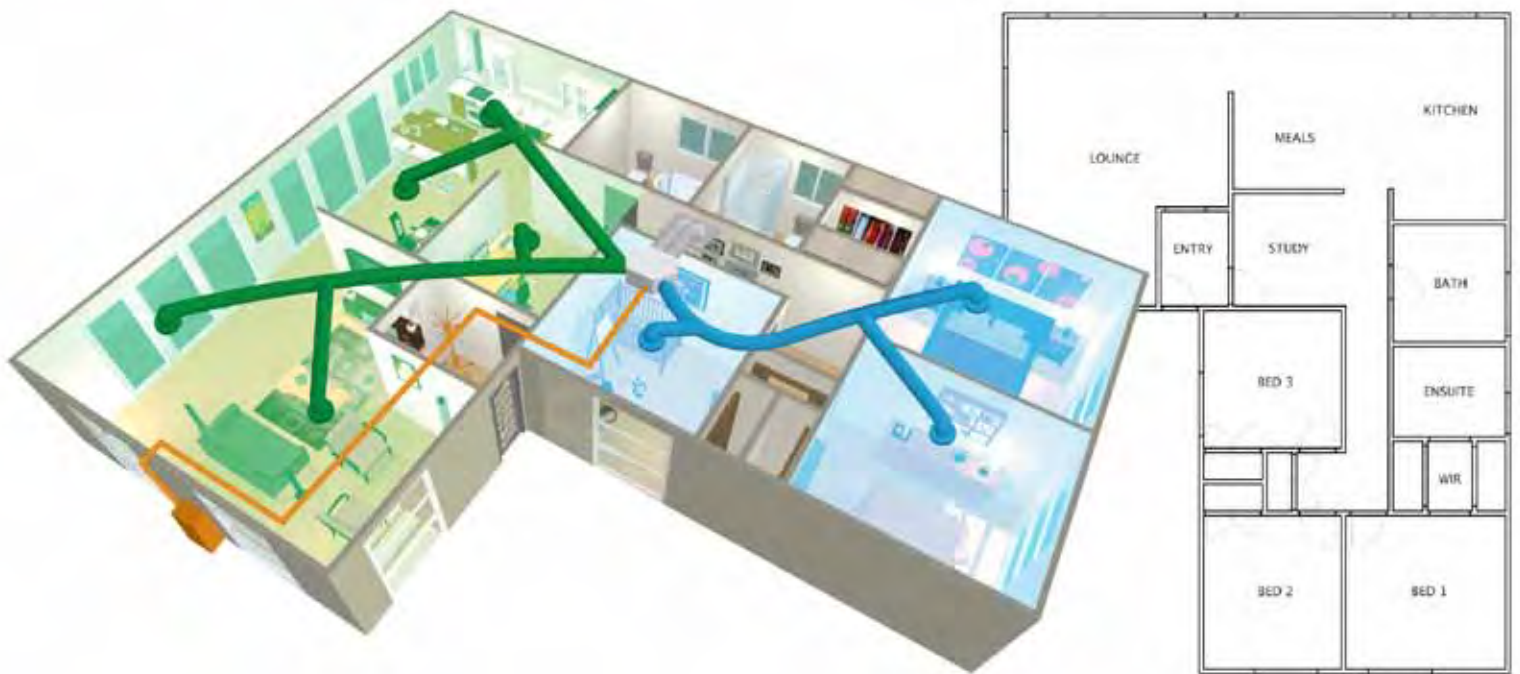
Value

In most houses it is cheaper to install ducted air conditioning than to install wall hung split systems in every room. Adding ducted air conditioning also adds to the overall resale value of your home.



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The temperzone Premium Range 8kW - 28kW

Premium Reverse Cycle Systems

Temperzone's Premium High Efficiency range is a wide range of continuous output reverse cycle air conditioners.

Locally designed and built especially for Australian conditions, these highly efficient systems are designed for peak efficiency in homes that do not have very large variations in cooling or heating demands.

The large condenser coils in the outdoor unit give premium performance if you live in an area where the outside temperatures can be very high or very low – or both.

Many single storey Australian homes have a large footprint, so the outdoor unit can be placed up to 50 metres from the indoor unit.

The high efficiency of the design delivers low operating costs. Equally importantly, Temperzone's acoustic engineers have worked hard to deliver low operating noise levels, ensuring you and your neighbours can live in peace and quiet.

We haven't forgotten the environment either. High operating efficiencies equate with minimal environmental impact. Plus, Temperzone was among the first air conditioning companies to use non-ozone depleting R410 refrigerant across its entire range.

Another important consideration is keeping installation costs as low as possible, another benefit of the Premium range's single phase design.

Powerful and effective

Designed especially for Australian conditions the large condenser coils in the outdoor unit of Temperzone Premium range air conditioning systems deliver optimum performance.

Control your perfect environment



Temperzone control systems make keeping your home at the right temperature so easy. You can control the air conditioning system exactly how you want or let the control system make the decisions for you.

Controlled from a simple to use wall mounted touch pad with a backlit LCD display panel, you can adjust the temperature and 3-speed fan, or select which zones you want heated or cooled. Plus, it's easy to see whether you've selected heating or cooling mode; blue backlight indicates cooling, red backlight indicates heating.

Control pad can be upgraded with features like multiple room controllers, remote temperature sensors and individual room temperature control.

Economic and efficient

The energy efficiency of air conditioning units is improving all the time, and Temperzone is at the forefront of new technology. The Australian Government sets MEPS standards for air conditioning which set benchmarks for efficiency – and all Temperzone units exceed the government standards.



CHECKLIST

Model	ISD86KY-D OSA86RK	ISD114KY-D OSA114RK	ISD139KY-D OSA139RK	ISD159KY-D OSA159RK	ISD184KY-D OSA184RK	ISD196KY-D OSA196RK	ISD235KY-D OSA235RK	ISD280KY-D OSA280RK
Capacity - Indoor - Outdoor								
- Cooling (kw)	8.30	11.03	13.50	15.50	17.70	18.92	22.32	26.40
- Heating (kw)	7.98	11.00	12.80	14.50	17.20	18.23	23.10	26.10
Energy Efficiency - AEER Cooling - ACOP Heating	3.23 3.42	3.15 3.31	3.14 3.52	3.16 3.62	3.23 3.70	3.186 3.429	3.24 3.52	3.16 3.42
Noise Levels - Outdoor Unit dB(A) <i>High / Med / Low</i>	48 / 46 / 44	61 / 57 / 54	59 / 56 / 53	50 / 48 / 47	52 / 51 / 49	52 / 51 / 49	60 / 58 / 54	60 / 59 / 57
Dimensions - Indoor (H x W x D mm) - Outdoor (H x W x D mm) - Weights IU / OU (kg)	425 / 1020 / 785 765 / 1125 / 420 68 / 100	425 / 1115 / 785 970 / 1125 / 420 75 / 124	425 / 1280 / 785 970 / 1125 / 420 85 / 132	425 / 1310 / 785 1120 / 1125 / 420 92 / 149	425 / 1410 / 785 1270 / 1125 / 420 95 / 152	425 / 1665 / 785 1151 / 1564 / 801 102 / 225	425 / 1665 / 785 1385 / 1260 / 450 105 / 189	425 / 2140 / 785 1445 / 1500 / 760 143 / 178
Air Flow (L/s) High	520	650	850	900	1020	1100	1290	1540
Power Supply Single (1) or Three Phase (3)	1	1 or 3	1 or 3	1 or 3	3	3	3	3
Outdoor Style Horizontal (H) or Vertical (V)	H	H	H	H	H or V	V	H	V

Note: Rated capacity is measured in accordance with AS/NZ3823



Indoor Unit



Indoor Unit



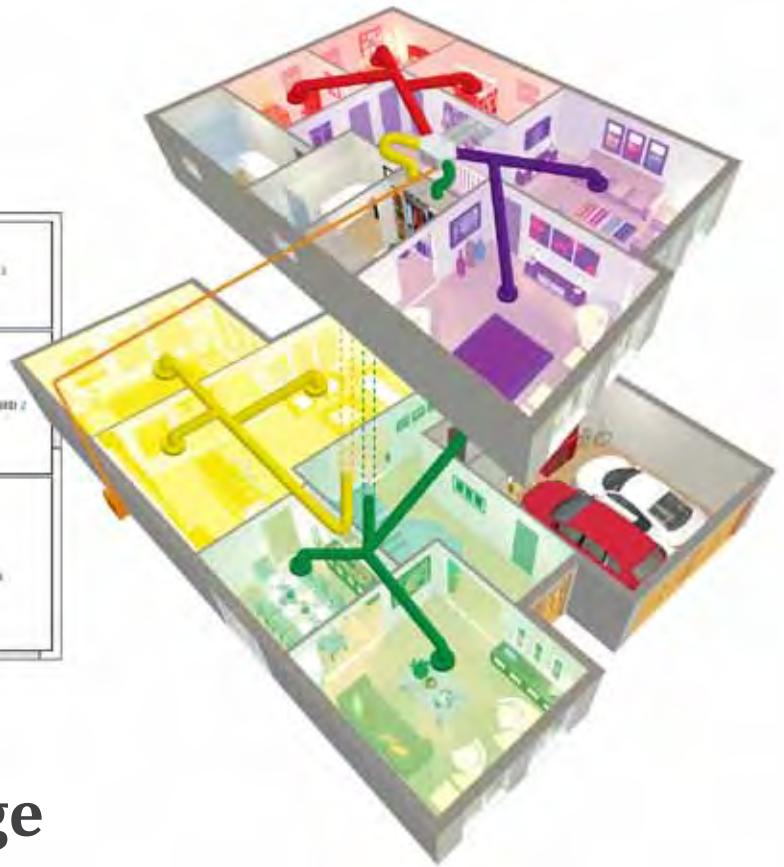
Outdoor Unit



Outdoor Unit



Outdoor Unit



Digital Scroll Range

14kW - 28kW

Variable capacity reverse cycle systems

Digital Scroll technology is the means of giving an air conditioning system variable cooling capacity.

Variable capacity is ideal where the system needs to cope with big variations in demand due to lifestyle or environmental factors. A typical example is a home with lots of west facing windows, which cause a rapid build-up in heat in the late afternoon. Another example is where a home may have only two occupants during the week but has a full house of extended family on the weekends.

The variable output of the digital scroll system allows the system to be sized for the peak cooling demand and then drop back to a lower output for the rest of the time. This may provide worthwhile energy savings.

Digital Scroll systems

Available for larger reverse cycle ducted systems, Digital Scroll technology offers extremely precise temperature control.

A range of five models from 14kW through to 28kW has been locally designed and built especially for Australian conditions. All Digital Scroll models use three phase power for maximum efficiency.

Digital Scroll technology provides stepless variable output; the unit seamlessly adjusts itself to meet your climate requirements.

Control your perfect environment



Every Temperzone unit includes a 7-day programmable clock so you can come home to a comfortable home without burning energy unnecessarily when no-one is around.

On the other hand, you can let the unit do all the work for you. Temperzone's auto changeover feature means the control system decides whether to provide heating or cooling. The auto fan function decides which fan speed to select.

The smart controller lets you make the most of Temperzone's variable capacity feature, delivering a winning combination of optimum efficiency and economy.

Control pads can be upgraded with features like remote temperature sensors and individual room temperature control.

Environmental benefits

Control the climate in your home. Capacity control and zoning equals lower running costs.

Low noise levels

All Temperzone ducted air conditioning systems offer low operating noise levels both inside and out, ensuring you and your neighbours can live in peace and quiet.



CHECKLIST

Model - Indoor - Outdoor	ISD139KY-D OSA139RKG	ISD159KY-D OSA159RKG	ISD184KY-D OSA184RKG	ISD235KY-D OSA235RKG	ISD280KY-D OSA280RKG
Capacity - Cooling (kw) - Heating (kw)	13.50 12.80	15.50 14.50	17.70 17.20	22.32 23.10	26.40 26.10
Energy Efficiency - AEER Cooling - ACOP Heating	3.14 3.52	3.16 3.62	3.23 3.70	3.24 3.52	3.16 3.42
Noise Levels - Outdoor Unit dB(A) <i>High / Med / Low</i>	59 / 56 / 53	50 / 48 / 47	52 / 51 / 49	60 / 58 / 54	60 / 59 / 57
Dimensions - Indoor (H x W x D mm) - Outdoor (H x W x D mm) - Weights IU / OU (kg)	425 / 1280 / 785 970 / 1125 / 420 85 / 132	425 / 1310 / 785 1120 / 1125 / 420 92 / 149	425 / 1410 / 785 1270 / 1125 / 420 95 / 152	425 / 1665 / 785 1385 / 1260 / 450 105 / 189	425 / 2140 / 785 1445 / 1500 / 760 143 / 178
Air Flow (L/s) High	850	900	1020	1290	1540
Power Supply Single (1) or Three Phase (3)	1 or 3	1 or 3	3	3	3
Outdoor Style Horizontal (H) or Vertical (V)	H	H	H or V	H	V

Note: Rated capacity is measured in accordance with AS/NZ3823



Indoor Unit



Indoor Unit



Outdoor Unit



Outdoor Unit



Outdoor Unit



Ecologically aware

Temperzone is dedicated to providing the most environmentally friendly air conditioning solutions possible. Our higher operating efficiencies and the use of a non-ozone depleting refrigerant ensure we lessen our impact on the environment.

Plus, our units are among the most energy efficient in Australia and exceed the Australian Government MEPS energy efficient standards.



Innovative noise reduction technology

All Temperzone air conditioners are designed with low noise and vibration technology so both you and your neighbours can enjoy peace and quiet.

With an innovative design and scroll compressors, you will always enjoy minimal noise and maximum efficiency



Dedicated to reducing power costs

The cost of power is always a problem. Any form of environmental modification will consume energy, but Temperzone air conditioning is one of the most efficient forms of climate control available. Features like our innovative Digital Scroll technology offer high power while maintaining excellent energy efficiency.

Our aim is to ensure you enjoy the perfect indoor climate without the worry of excess power consumption and energy bills.



Our environmental focus

Temperzone's environmental focus encompasses more than an energy-saving performance. By reducing noise pollution, improving recyclability and decreasing energy consumption during production, our ecologically-aware air conditioners help prevent global warming by minimising environmental impact.





Nationwide dealer network

Temperzone have warehouses and dealers across Australia. That means you can rely on efficient, highly trained support staff and skilled technicians in every State and Territory in the unlikely event your unit ever needs service.

You can contact the support team during business hours to discuss your air conditioning needs by calling **1800 21 1800**.



Choosing the most economic package

Temperzone puts you in control of your running costs. Running costs of different brands vary widely, and different units may appear to offer a competitive Energy Efficiency Rating (EER).

But the best whole-of-life cost will only come from the right package. Choose a unit with a good EER that's too small for the job, and it will work too hard, absorbing excessive energy to heat or cool your home. If a unit is too large, you will also end up paying more for energy than you should.

The cost of the unit is the other factor. Price does not always indicate a good EER. For the right package that combines energy efficiency and sufficient size for the job at the right price, be guided by your Temperzone dealer who will offer good, practical advice that's easy to understand.



Easy access to spare parts

When you choose Temperzone, you'll never have to worry about spare parts.

As Australia and New Zealand's leading specialist air conditioning organisation, Temperzone has a national network of spare parts warehouses and agents throughout Australia that's second to none.



Peace of mind with Temperzone's superior support system

Temperzone provides its customers with effective and efficient after sales service support throughout Australia.

With a large and experienced team of fully qualified technicians, Temperzone has a wide network of authorised service agents to help you when you need it.



5 year warranty

Temperzone stands behind the quality built in to its products. Every Temperzone air conditioning system is covered by a comprehensive 5-year parts and labour warranty.



The ultimate climate control solution for your whole home

A Temperzone ducted system provides air conditioned comfort throughout your home. With a ducted system, a condenser unit is installed outside the home, and an indoor unit is installed in the ceiling or under the floor. Flexible ducting delivers cooled or heated air through vents strategically positioned where you'll need them most.

An air conditioning system to suit your home, your lifestyle and your budget

Which Temperzone air conditioning system is right for your home? In this brochure, we will explain the differences between the main kinds of systems we offer.

Heating Solutions ...

Reverse cycle Air conditioning is one of the most energy efficient ways to heat your home. It is more energy efficient than gas heating and much more energy efficient than a slow combustion stove or free standing electrical heater.

Cooling Solutions ...

How do you provide real climate control for the majority of Australian homes? Air conditioning is the answer.

Whereas evaporative cooling units reduce temperature by increasing humidity - and therefore only work in areas where humidity is normally very low - air conditioning is the only effective solution for the 90% of Australians who live on the coastal fringe.

The Temperzone Guarantee

You can choose Temperzone ducted air conditioning with confidence! All Temperzone domestic air conditioning systems are backed by a full 5-year parts and labour warranty.

YEAR WARRANTY FIVE
5
YEAR WARRANTY FIVE



temperzone ... complete climate control for your home.



It doesn't matter where you live. It doesn't matter what style or size your home is. If you live in Australia, temperzone has an air conditioning system that will give you complete climate control of your home at the touch of a button.

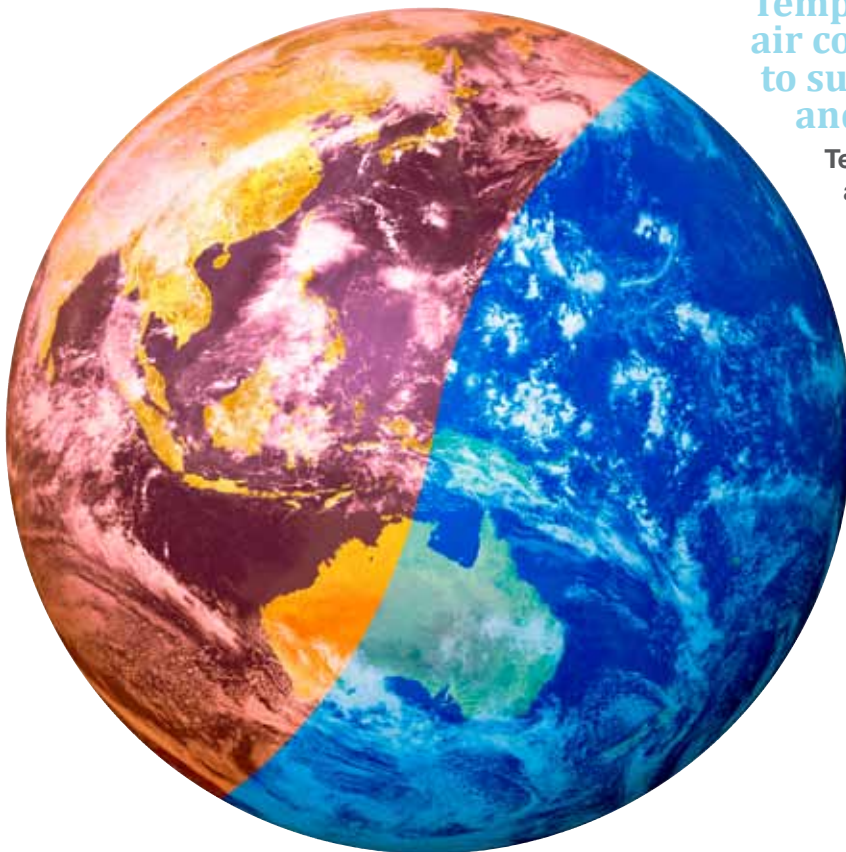
With over 50 years' experience in our harsh climate, nobody knows more about air conditioning for Australian conditions than Temperzone. Not that we're resting on our laurels. Our Sydney and Auckland manufacturing plants are backed by our Australian R&D facility – the only one in the country.

That's why we can guarantee the performance of Temperzone air conditioning systems, whether the outside temperature is a sizzling 52°C ... or a chilly -5°C. Temperzone is ready to deal with the extreme climatic conditions Australia is known for.

Temperzone offers two ranges of air conditioning systems designed to suit differing usage patterns and budgets.

Temperzone Premium High Efficiency systems are ideal for areas where there is not much variation in load, even though the unit may be required to deal with extremely hot or extremely cold conditions.

Temperzone Digital Scroll system is an effective technology, designed to deliver variable cooling capacity. Variable output systems are ideal when your air conditioning unit will be called on to cope with big variations in demand.



Climate control for
your home & lifestyle





temperzone
QUALITY AIR CONDITIONING

You have probably already experienced temperzone as a leader in commercial air conditioning as you walk in to a shopping centre, fast food chain or bulk goods warehouse.



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