



Cooling Capacity
6.5kW - 28.0kW

Heating Capacity
6.5kW - 28.0kW

Ducted Air Conditioning

Giving you complete control



Major Benefits of Ducted Air Conditioning



Whole Of Home Solution
Heating or cooling wherever
you need it.



Easy Control
Central temperature and
zone control with set and
forget timers.



Valuable
Adding ducted air
conditioning adds to the
value of your home.



Zones
Separate air conditioned
zones provide great
flexibility and comfort.



Quiet
Ducted air conditioning
is the quietest of all air
conditioning options.



Even Air Distribution
No hot or cold spots
in your home.



Aesthetics
Only the ceiling or floor
mounted grills are visible
inside your home.



5 Way Efficiency
World leading standards
State of the art technology
Targeted delivery
No wastage
Economy focus

Providing you with more ways to keep your whole house comfortable.

You've probably already experienced Temperzone air conditioning without ever knowing.

You see, we've been around a while. Over fifty years in fact. In that time, our units have been working away quietly in the blazing heat, high humidity and the cooler climates in locations like banks, commercial offices, supermarkets, shopping malls and factories, high rise apartments and homes. That's the versatility of Temperzone.

Temperzone Ducted Air Conditioning

Whether you're planning a new home, or upgrading the comfort of an existing one, it's important that you have the right system in place for the size and style of your home. Ducted air conditioning is the only way to give you complete temperature control for every room in your home.

Temperzone Ducted Air Conditioning gives you a choice between two technologies. These are called **Inverter** and **Digital Scroll**. Essentially, they are two different ways of giving an air conditioning system variable cooling capacity. Variable output allows the systems to be set up for peak cooling demand and then drop back to a lower level. This helps enormously with energy usage.

Both are outstanding at dealing with the prospect of major temperature changes within your home.

As mentioned previously, one of the main features of Temperzone Ducted Air Conditioning is that it allows individual zones within your home to be individually set. In this way you can control the chosen temperature room by room to provide total comfort for the whole family all year round. What's more, the even air distribution that ducted air conditioning provides, ensures that there are no hot or cold spots.

Both systems feature a 7-day programmable time clock and an auto changeover control system that monitors whether to provide heating or cooling. And if you'd prefer a hands-off approach, there is even an auto function that can make all the decisions for you.

Designed to operate whatever the conditions outside your home.

The 'ambient temperature' (or more plainly put, what the temperature is immediately surrounding your outside unit) could effect its efficient operation. Temperzone's wide operating range means that even if temperatures are down to -10°C or up as high $+50^{\circ}\text{C}$ the unit will still deliver. By having this capability your air conditioning unit will work when you need it the most.



Temperzone
Ducted

The Inverter Range

A system that continuously adjusts the cooling or heating output depending on the temperature of the room.



5 Way Efficiency

World leading standards
State of the art technology
Targeted delivery
No wastage
Economy focus

Digital Scroll technology

A versatile system that allows very precise temperature control.

How to cleverly divide your home into individual comfort zones.

With Temperzone individual zone temperature control working for you, every room of your home will have the perfect temperature to suit everybody.

Let's say in one room the kids are having plenty of fun. In the dining room, you're having guests for dinner. Meanwhile upstairs, at the other end of the house, there's a baby quietly sleeping. All are catered for with each zone's temperature individually set. Everything is under control. It works this way ...

Zone control works from a master controller. Up to 6 individual zone sensors can run off the system enabling you to create the ideal

temperature at any time, day or night. Individual zone controllers also allow you to adjust the comfort setting for each zone, giving you the freedom to modify the temperature, or turn the zone on or off. You can also add an extra master controller that will enable you to control the level of comfort upstairs or downstairs. And when it comes to reducing running costs, careful use of the time clock and ECO Mode are a great help.

The easy way to get the right advice.

Your dealer can take you through 3 easy steps to help you make the right choice.



Selection of duct location



Choice of vent styles

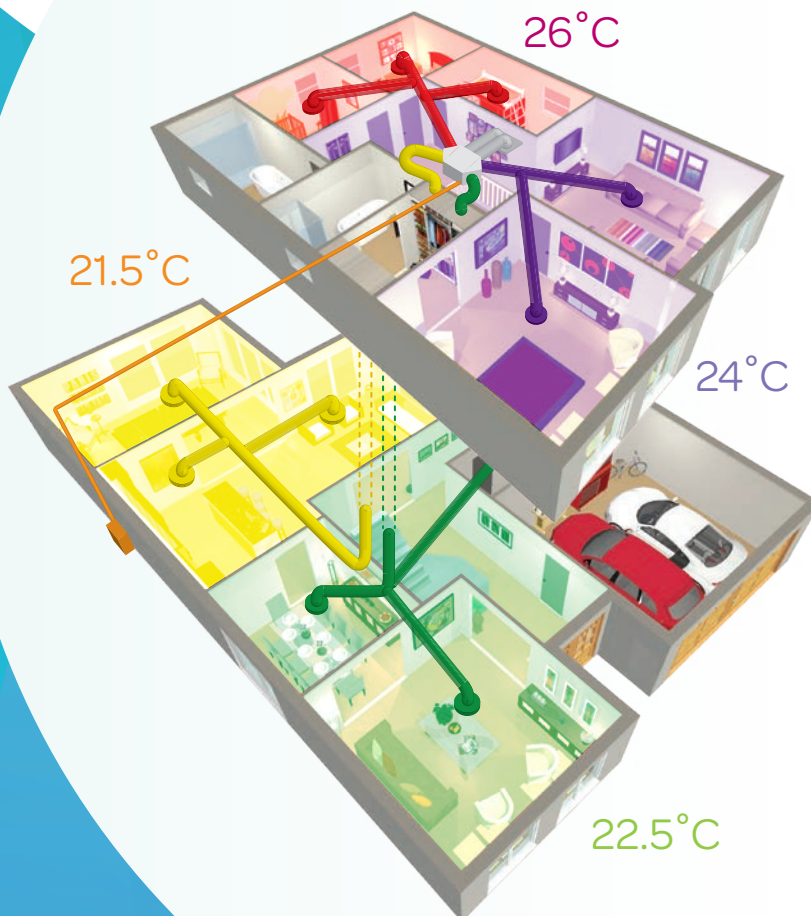


Location of outdoor unit

From single storey...



to multi storey homes we've got your solution.





Responsive to room temperature

A system that continuously adjusts the cooling or heating output depending on the temperature of the room.

Efficient to run

Inverter technology helps to save you on running costs by allowing for variable output.



Temperzone
Ducted

With the inverter technology range, it's easy to control your level of comfort.

Cooling
18kW – 28kW*

Heating
18kW – 28kW*

The Temperzone Inverter range features a highly efficient responsive system that continuously adjusts the cooling and heating output, depending on the temperature of the room. When the optimum temperature is reached, it modifies the power to make sure it's constantly maintained. It's a dramatic difference to the non-inverter systems which operate at a fixed speed and constantly stop and start once the set temperature is reached.

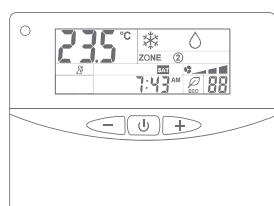
In winter, you'll really feel the warmth because the Temperzone inverter system has the ability to operate at extremely low ambient temperatures.

On a balmy night, Quiet Mode makes the outdoor unit reduce noise levels in the cooling cycle which the neighbours will certainly appreciate.

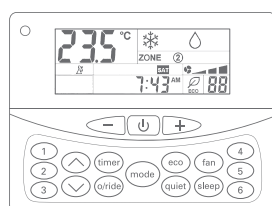
There's also Sleep Mode which gradually adjusts the temperature during the night to give you a restful night's sleep.

The Temperzone Inverter range is flexible and ideal for houses of all shapes and size. For double storey or larger homes, the inverter system comes with a handy secondary controller.

SAT 3 controller:



Closed



Open

* Nominal capacity

You can always rely on a digital scroll system to deliver total comfort.

Cooling
10kW – 28kW*

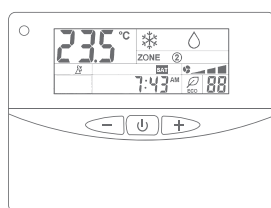
Heating
10kW – 28kW*

Digital scroll compressor air conditioning systems provide variable cooling and heating power. This is ideal for systems that need to cope with a big variation in demand.

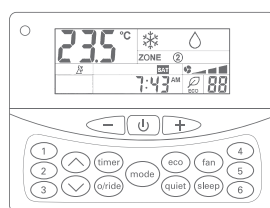
Here are a couple of examples. A house with lots of west facing windows which causes a rapid build up in heat in the afternoon, but is cooler in the morning. Or a home that may only have two occupants during the week, but has a full house of extended family on the weekends. The variable output of the digital scroll compressor system caters for the higher cooling demand and also adjusts when a lower output is required.

With a large range of single and three phase models, means that there will be unit to suit any size home.

SAT 3 controller:



Closed



Open



Temperzone
Ducted

Real choice

You can choose from a wide range of small and large units.

Efficient and targeted

The technology allows for very precise temperature control.

Enjoy all the great benefits.



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 Australasia and exceed the Australian/NZ Government MEPS energy efficient standards.



Choosing The Most Economic Package

Temperzone puts you in control of your running costs. The 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 selecting the right package. To get the best advice, simply ask your Temperzone dealer.



Peace Of Mind With Temperzone's Superior Support System

Temperzone provides its customers with effective and efficient after sales service support throughout Australia and New Zealand. Plus there's a large and experienced team of fully qualified technicians, and a wide network of authorized service personnel to provide help when you need it.



Innovative Noise Reduction Technology

All Temperzone air conditioners are designed with low noise and vibration technology



Easy Access To Spare Parts

When you choose Temperzone, you'll never have to worry about spare parts. Being Australia's and New Zealand's leading specialist in air conditioning, Temperzone has a network of spare parts warehouses and agents that's second to none.



Dedicated To Reducing Power Costs

At Temperzone our aim is to ensure you enjoy the perfect indoor climate without the worry of excess power consumption and energy bills. That's why Temperzone air conditioning is one of the most efficient forms of climate control available, with features like our innovative inverter and Digital Scroll compressor technology that offer high power while maintaining excellent energy efficiency.



5 Way Efficiency

World leading standards

Temperzone units exceed the Australian and New Zealand Government MEPS energy efficient standards.

State of the art technology

Inverter, Digital Scroll and EC Fan technology provides high performance whilst maintaining outstanding energy efficiency.

Targeted delivery

Individual zone temperature control delivers targeted air conditioning to maximise efficiency.

No wastage

7-day programmable clock guarantees the comfort you require without wastage.

Economy focus

ECO mode maintains excellent energy efficiency by monitoring and moderately adjusting the set temperature.



Temperzone
Ducted



Nationwide Dealer Network

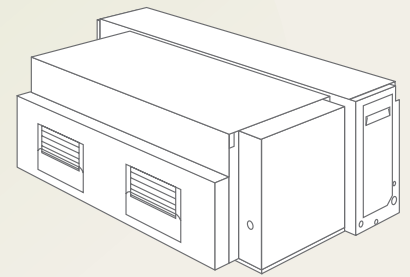
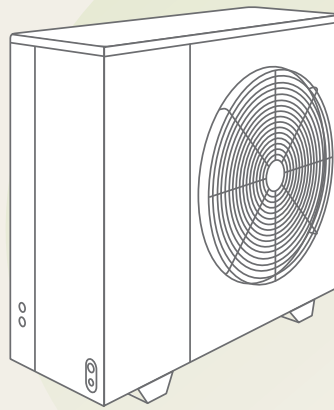
Temperzone have warehouses, technicians and dealers across Australia and New Zealand. That means you can rely on them totally in the unlikely event of your unit needing service.



5 Year Warranty

A comprehensive 5 year parts and labour warranty covers the Temperzone ducted air conditioning for your home.

Inverter Range / Standard Range Checklist Chart



Model	Fixed	Digital	Digital	Digital	Digital	Digital
Indoor	ISD 87KYX	ISD 116KYX	ISD 116KYX	ISD 141KYX	ISD 141KYX	ISD 164KYX
Outdoor	OSA 87RKSH	OSA 116RKSGH	OSA 116RKTGH	OSA 141RKSGH	OSA 141RKTGH	OSA 164RKTGH
Capacity (kW)						
Nominal Cooling ¹	8.3	11.1	11.1	13.4	13.4	16.0
Nominal Heating ²	8	10.8	10.8	12.6	12.6	15
Capacity Range (kW)						
Cooling	-	4.6 - 11.4	4.6 - 11.4	5.5 - 13.7	5.5 - 13.7	6.4 - 16.4
Heating	-	4.3 - 10.8	4.3 - 10.8	5.1 - 12.6	5.1 - 12.6	6.0 - 15
Close control						
Energy Efficiency						
AEER Cooling	3.21	3.15	3.15	3.12	3.12	3.12
ACOP Heating	3.4	3.35	3.35	3.5	3.5	3.58
Noise Levels						
Outdoor Unit ⁴	46	53	53	56	56	50
Dimensions						
Indoor: (H x W x D mm)	430 x 1050 x 795	430 x 1280 x 785	430 x 1280 x 785	430 x 1280 x 785	430 x 1280 x 785	430 x 1310 x 785
Outdoor: (H x W x D mm)	765 x 1085 x 420	965 x 1120 x 425	965 x 1120 x 425	965 x 1120 x 425	965 x 1120 x 425	1120 x 1120 x 425
Weights: Indoor kg / Outdoor kg	58 / 90	65 / 128	65 / 128	68 / 128	68 / 128	83 / 134
Air Flow						
High Speed - l/s ³	520	630	630	850	850	900
Power Supply						
Single (1) ⁵ / Three Phase (3) ⁵	1	1	3	1	3	3
Outdoor Style						
Horizontal (H) Or Vertical (V) Discharge	H	H	H	H	H	H

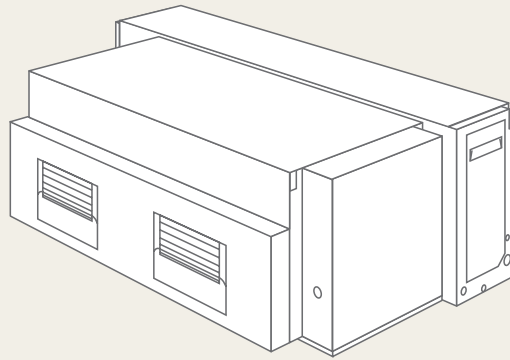
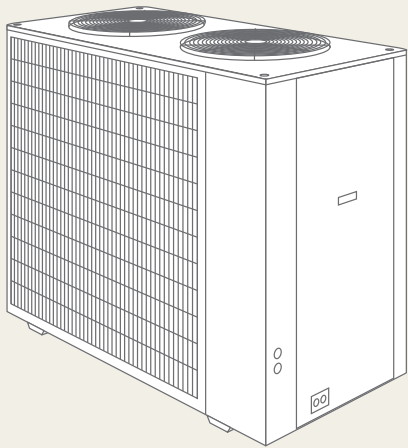
¹ Nominal Cooling Capacity (nett) at AS / NZS 3823 Conditions: Indoor Entering Air Temperature 27°C db / 19°C wb. Outdoor Entering Air Temperature 35°C db

² Heating Capacity At AS / NZS 3823 Conditions: Indoor Entering Air Temperature 21°C db. Outdoor Entering Air Temperature 7°C db / 6°C wb

³ Supply air flow at Nominal Cooling Capacity conditions

⁴ Sound Levels are measured at Nominal Cooling Conditions, SPL measured at 3 meters from the unit

⁵ Voltage Fluctuation Limits : 1 Phase 200 - 252V; 3 Phase 342 - 436V



**Temperzone
Ducted**

Inverter	Digital	Digital	Inverter	Digital	Inverter
ISD 184KYX OSA 184RKTFFH	ISD 194KYX OSA 194RKTGH	ISD 224KYX OSA 224RKTGH	ISD 224KYX OSA 224RKTFFH	ISD 294KYX OSA 294RKTGV	ISD 2924KYX OSA 294RKTFFV
17.9 18.7	18.7 16.8	21.1 21.6	20.6 23.0	27.54 28.24	27.91 27.98
3.7 - 23.1 3.8 - 22.5	7.5 - 18.7 6.7 - 16.8	8.8 - 22.4 8.6 - 21.6	7.9 - 26.5 8.0 - 27.6	11.3 - 28.4 11.3 - 28.2	9.4 - 36 9.3 - 36
3.12 3.27	3.24 3.56	3.1 3.12	3.2 3.4	3.1 3.5	3.1 3.5
52	60	60	60	62	62
430 x 1513 x 785 1270 x 1160 x 425 85 / 139	430 x 1620 x 785 1270 x 1160 x 425 90 / 160	430 x 1620 x 785 1385 x 1360 x 425 91 / 185	430 x 1620 x 785 1385 x 1360 x 425 91 / 185	434 x 2022 x 691 1337 x 1596 x 841 145 / 284	434 x 2022 x 691 1337 x 1596 x 841 145 / 284
1020	1100	1290	1290	1550	1550
3	3	3	3	3	3
H	H	H	H	V	V

Sydney: (02) 8822 5700

Newcastle: (02) 4962 1155

Christchurch: (03) 379 3216

Townsville: (07) 4773 9566

Perth: (08) 9314 3844

Jakarta: (21) 2963 4983

Adelaide: (08) 8115 2111

Tasmania: (03) 6331 4209

Singapore: (65) 6733 4292

Brisbane: (07) 3308 8333

Auckland: (09) 279 5250

Shanghai: (21) 5648 2078

Melbourne: (03) 8769 7600

Wellington: (04) 569 3262



■ Auckland
(Head Office and Manufacturing)

▲ Sydney
(Australian Head Office and Manufacturing)

● Branches
Wellington, Christchurch, Brisbane, Melbourne,
Adelaide, Singapore, Shanghai and Jakarta.

● Distributors
North Queensland, Perth, Launceston,
Newcastle, Singapore, Shanghai, Beijing,
Jakarta, Hong Kong, Sri Lanka, Mauritius,
Bangalore, Bangkok, Hanoi, Cambodia,
South Pacific Islands and Bangladesh.