

Temperzone Ducted Air Conditioning

Single Phase Air Conditioning Systems

Come into the comfort zone



Whether you live in an apartment, town house, or a 100 square mansion, there's a whisper quiet, energy efficient, Temperzone ducted air conditioning system to suit your home and your lifestyle.

Over 50 years of experience as one of Australia's largest commercial air conditioning specialists, has allowed us to develop a comprehensive range of domestic air conditioning systems designed especially for the harsh Australian climate.

That's why our air conditioning systems are guaranteed to perform from a sizzling 46°C to a freezing -10°C. Temperzone have systems designed to handle the huge range of climatic conditions that you find across Australia.

So no matter where you live, or the size and style of your home and most importantly whatever lifestyle you choose, Temperzone have an air conditioning system which will give you complete climate control of every room in your house at the touch of a button.

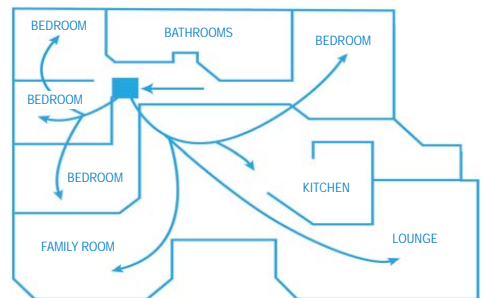
To ensure the best air conditioning solution for your home, location and lifestyle, the Temperzone ranges incorporate the latest **Digital Scroll, Rotary and Scroll compressor technology**. The range includes single and three phase systems from 8 to 27kW.

Temperzone Premium High Efficiency is a range is designed to provide best results where your need for air conditioning does not vary much due to lifestyle or design factors.

The Premium systems are also ideal if you live in a climate with very high or very low temperatures, or both.

Temperzone Premium has largest range of sizes from 8 to 27kW.

Temperzone's commitment to research and development combined with quality first design, ensures that all our systems are designed to maximise comfort and efficiency.



FIVE YEAR WARRANTY

Our Guarantee Is your Peace of Mind.

Comprehensive 5-year warranty
Temperzone stands behind the quality built into its products. Every unit installed by a Temperzone Preferred Contractor is covered by a 5-year factory warranty.

**Conditions apply - see warranty for details.*

Should you ever need a spare part, you'll be reassured to know that we still carry parts for 20 year-old products.

That's real peace of mind.

HITACHI
Inspire the Next

 **temperzone**
QUALITY AIR CONDITIONING

SPECIFICATIONS: SINGLE PHASE DUCTED AIR CONDITIONERS

Outdoor Unit	OSA83R	OSA95R	OSA110R	OSA135R	OSA140R	OSA156RV	OSA156RH	OSA176RV
Indoor Unit	ISD83K	ISD96K	ISD110K	ISD135K	ISD135K	ISD156K	ISD156K	ISD176K
System Type	Premium	Premium	Premium	Digital	Premium	Premium	Premium	Digital
Capacity								
Cooling Capacity (kW)	8.46	9.35	10.60	13.00	12.95	14.76	14.95	17.10
Heating Capacity (kW)	7.92	8.40	10.30	12.40	13.02	13.63	14.80	16.80
Compressor Type	Rotary	Rotary	Rotary	Digital Scroll	Scroll	Scroll	Scroll	Digital Scroll
Electrical								
Power Supply (V/Phase)	240 / 1	240 / 1	240 / 1	240 / 1	240 / 1	240 / 1	240 / 1	240 / 1
Power Supply (Hz)	50	50	50	50	50	50	50	50
Running Current (Cooling) amps	13.4	13.6	16.7	21	20	23.5	25	26.3
Recommended ELB Size	25	25	25	40	32	45	45	45
Efficiency								
Input kW (Cooling)	2.86	3.20	3.65	4.40	4.24	4.99	4.90	5.83
Input kW (Heating)	2.62	2.75	3.15	3.75	3.05	4.10	3.88	5.02
EER Cooling / COP Heating	2.9 / 3.02	2.92 / 3.02	2.9 / 3.26	2.95 / 3.31	3.05 / 3.51	2.96 / 3.37	3.05 / 3.81	2.93 / 3.35
Airflow								
Fan Speeds	4	4	4	3	3	3	3	3
Air Flow (L/s) Hi / Med / Low / Low	575 / 475 / 400 / 300	560 / 490 / 400 / 320	560 / 490 / 400 / 320	820/800/780	900 / 820 / 780	900 / 860 / 800	900 / 860 / 800	700 / 900 / 1175
Dimensions & Weights								
Dimensions IU (H x W x D mm)	420 / 835 / 650	420 / 1050 / 650	420 / 1050 / 650	420 / 1140 / 630	420 / 1140 / 650	420 / 1655 / 630	420 / 1655 / 630	420 / 1495 / 500
Weight IU (Kg)	36.0	40.0	40.0	50.0	50.0	74.0	74.0	61.0
Dimensions OU (H x W x D mm)	660 / 1040 / 395	665 / 1035 / 400	765 / 1035 / 400	865 / 1075 / 420	865 / 1075 / 420	975 / 1200 / 630	970 / 1125 / 420	1130 / 1210 / 620
Weight OU (Kg)	85.0	85.0	91.0	116.0	116.0	141.0	133.0	146.0
Noise Levels								
Sound Pressure Level IU (dB)a	61	61	61	65 / 67 / 69	70 / 71 / 72	66 / 68 / 69	66 / 68 / 69	63 / 69 / 76
Sound Pressure Level OU (dB) Med / Low	49 / 50	49 / 50	49 / 50	51 / 53	51 / 53	52 / 53	54 / 55	72 / 70
Installation								
Refrigerant Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Pipe Connection Sizes: Suction (mm)	16	16	19	19	19	22	22	22
Pipe Connection Sizes: Liquid (mm)	10	10	10	10	10	13	13	13
Refrigerant Pipe Charge Length (Mtrs)	30	30	30	30	30	30	30	30
Max Pipe Length (Mtrs)	40	N/A	40	60	60	60	60	60
Max Pipe Lift (Mtrs)	16	16	16	20	20	20	20	20
Pipe Connection Methods	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Solder
Working Range								
Outdoor Operating Temp (Cooling) °C dB	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46
Outdoor Operating Temp (Heating) °C wB	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46
Features								
Anti Corrosion Fin (O/U Coil)	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy
Precharged for 10 m line length	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Filter Box Option	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Heater Box Option	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wall Thermostat and Safety Drain Tray	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Spring Kits Options	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Soft Starter Option	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

* MEPS Rated Capacity, AS3823

For more detail visit www.temperzone.com.au

- Notes:
- Cooling capacity are based upon, Indoor air temperature 27°C D.B & 19°C W.B, Outdoor entering air temperature 35°C D.B.
 - Heating capacity are based upon, Indoor air temperature 21°C D.B, Outdoor entering air temperature 8.0°C.
 - Outdoor sound levels are the average sound pressure level at 3 metres, unless it has # symbol - represents sound pressure level at 1 metre.
 - Materials and specifications are subject to change without notice due to the manufacturer's ongoing research and development program.

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DEALER DETAILS

