



**ActronAir<sup>®</sup>**

Australian for air conditioning™

air conditioning  
designed for  
australian living

## ActronAir is Australian made for Australian conditions

There's nowhere else in the world that's quite like Australia, and it takes an Australian air conditioning company to understand and meet the challenges of our diverse climate and unique way of life.

ActronAir is the leading Australian owned ducted air conditioning specialist. We have over 20 years experience and we understand the performance required to make Australian homes more comfortable.



## Innovation comes standard

ActronAir leads the way with a highly sophisticated and intelligent approach to air conditioning design. Our many ground-breaking innovations have led to some of the world's most advanced air conditioning solutions.

Our obsession with innovation, quality and performance also has an important focus – we are continually developing energy efficient solutions for today and the future.

## Quality you can depend on

Each and every ActronAir system is designed and built right here in our Australian manufacturing plant so product support is never far away. We also design and manufacture our own electronic controls ensuring our systems are fully integrated, easy to operate and extremely reliable. When you choose an ActronAir system, you can sit back and relax in total comfort.

Small home or large, whether you are upgrading or building your Australian dream, ActronAir has a ducted system designed to enhance your lifestyle.





## SINGLE-STOREY

Because every household is different, ActronAir allows for custom design and configuration, matching the air flow to your family's lifestyle.

## Make yourself comfortable

When you choose the comfort of an ActronAir system you have the latest, most innovative technology at your fingertips.

With in-built temperature sensors, a simple-to-use touch pad control unit gives you total control of up to 4 zones in your home (8 zones optional). The ActronAir reverse cycle system keeps your home comfortable all year round, keeping you cool by removing heat and humidity in summer and switching effortlessly to warm you in winter.

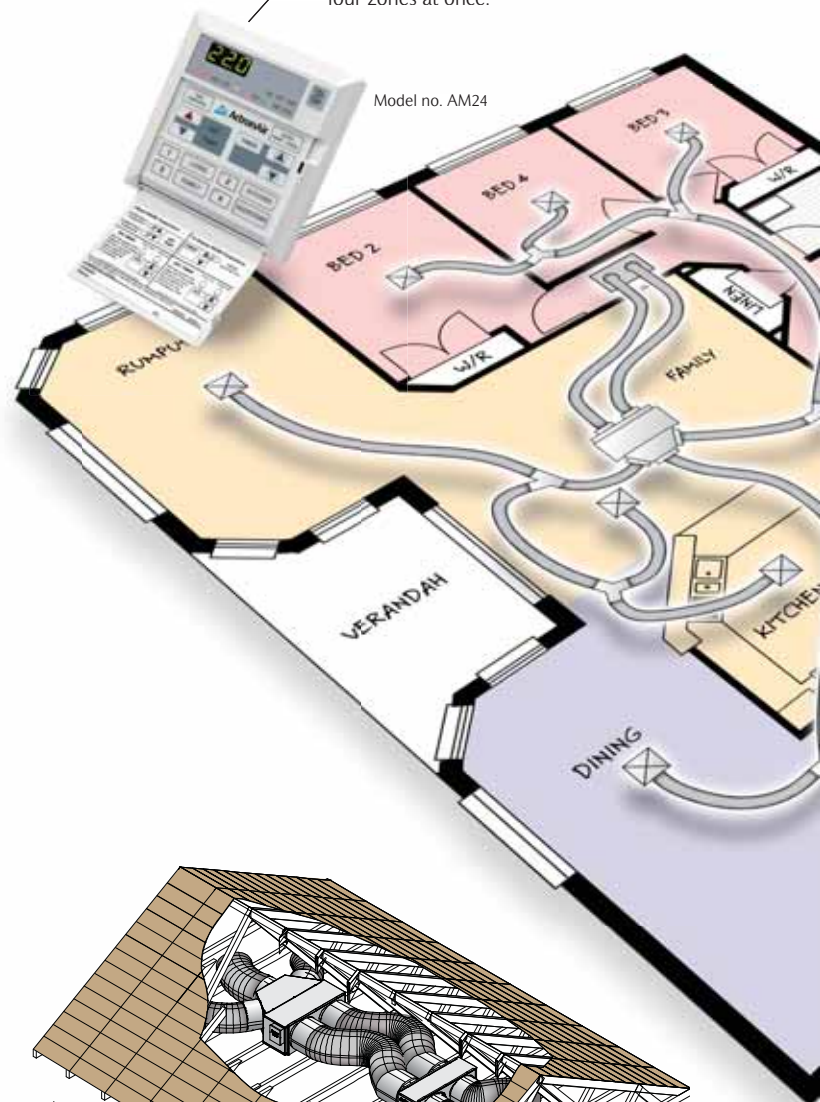
## Life was meant to be easy

Our hands-on dedication has led to many product innovations and unique design features such as the two-piece fan coil system. This means there is no need to compromise for homes with difficult tight roof spaces.

The streamlined outdoor unit with unique louvre grille is designed to protect it from the elements and reduce maintenance. And for added peace of mind, each ActronAir system includes a 5 year residential warranty\*.

\* conditions apply

The attractive, simple-to-use controller gives you fingertip-control of up to four zones at once.



Even the most difficult, tight roof spaces are no obstacle with our unique two-piece fan coil system, providing quality air flow and smooth operation.

## DOUBLE-STOREY

In double-storey homes temperatures can vary up to 5°C between floors, so a separate control unit on each level is an ideal solution for greater comfort and efficiency.

An optional control unit for the second level allows easy operation without moving between floors. With it's Mimic Logic you can control the temperature from two different rooms/locations.



Durable powder coating and unique louvre grille protect the outdoor unit from the elements and hard knocks, ensuring longer life and reduced maintenance. Extra large heat exchangers increase efficiency and reduce running costs.

Ideal for outdoor installations on small blocks or near boundary fences, the outdoor unit includes a vertical air discharge as standard for larger models.

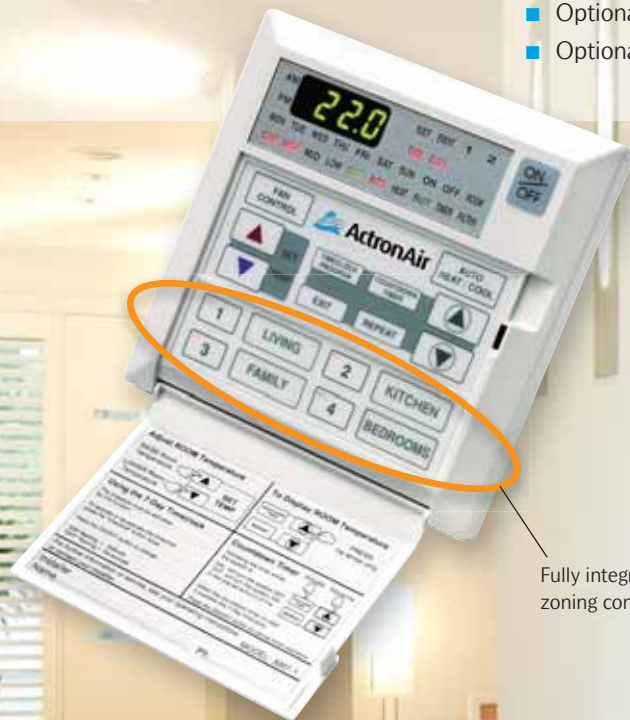




## Command performance

ActronAir's stylish slimline controllers are easy to operate. Each control unit has an in-built sensor to monitor room temperature and can control up to 4 zones (8 zones optional). This enables more efficient and cost effective operation. All controllers are designed and built by ActronAir and are fully integrated to ensure each system provides the best performance.

- Easy to operate 24 hour timer
- Fully integrated control
- Dual-wall control capability (incorporating Mimic Logic)
- In-built temperature sensor
- Optional remote sensor
- 3-speed indoor fan
- Auto Heat/Cool Changeover
- Easy to read
- Home automation interface for remote on/off
- Optional 7-day controller available
- Optional upgrade to 8-zone controller available



Fully integrated zoning control



## ActronAir Standard Unit Specification (Single Phase)

OUTDOOR MODEL	SRE07C SRA07E	SRE09C SRA09E	SRE11C SRA11E	SRA121C SRA120E	SRA141C SRA140E	SRA161C SRA160E
Net (Rated) Capacity (kW) (AS/NZS3823.1.2)	6.63 Cooling	8.44 Cooling	9.70 Cooling	11.50 Cooling	14.50 Cooling	16.40 Cooling
Input Power (kW) (AS/NZS3823.1.2)	2.54 Cooling	3.06 Cooling	3.66 Cooling	3.90 Cooling	4.82 Cooling	5.65 Cooling
<sup>(1)</sup> EER Rated (AS/NZS3823.1.2)	2.61 Cooling	2.65 Cooling	2.65 Cooling	2.95 Cooling	3.01 Cooling	2.90 Cooling
<sup>(2)</sup> COP Rated (AS/NZS3823.1.2)	2.92 Heating	2.98 Heating	2.97 Heating	3.35 Heating	3.46 Heating	3.24 Heating
Star Rating	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Power Supply – 50Hz	240V x 1Ph					
Rated Amps (AS/NZS3823.1.2)	240V x 1Ph					
<sup>(3)</sup> Circuit Breaker Amps	12.4					
Compressor Type	Scroll					
Refrigerant	R-22					
Indoor Fan Type	3 Speed					
Air Flow Indoor (l/s)	440	560	640	820	886	972
Outdoor Dimensions (mm)	380 Nominal	480 Nominal	560 Nominal	670 Nominal	770 Nominal	845 Nominal
Indoor Dimensions (mm)	330 Minimum	420 Minimum	480 Minimum	536 Minimum	655 Minimum	718 Minimum
Field Pipe Sizes mm (inch)	370 Depth	810 Depth	940 Depth	1245 Depth	1320 Depth	1470 Depth
Nominal Weight (kgs)	83	87	88	123	137	146
<sup>(4)</sup> Sound Pressure Level (dBA)	36	39	41	50	55	60
<sup>(5)</sup> Sound Power Level (dBA)	51 / 53	51 / 53	51 / 53	47 / 50	50 / 52	50 / 52
Gas (Suction)	15.9 (5/8)					
Gas (Return)	19.1 (3/4)					
Field Pipe Sizes mm (inch)	9.5 (3/8)					

## ActronAir Standard Unit Specification (Three Phase)

OUTDOOR MODEL	SRA120C SRA120E	SRA140C SRA140E	SRA160C SRA160E	SRA190C SRA190E	SRA230C SRA230E	SRA260C SRA260E
Net (Rated) Capacity (kW) (AS/NZS3823.1.2)	11.10 Cooling	14.50 Cooling	16.40 Cooling	18.20 Cooling	22.45 Cooling	24.80 Cooling
Input Power (kW) (AS/NZS3823.1.2)	11.70 Cooling	15.00 Cooling	17.40 Cooling	19.20 Cooling	23.50 Cooling	25.84 Cooling
<sup>(1)</sup> EER Rated (AS/NZS3823.1.2)	3.02 Cooling	3.01 Cooling	2.92 Cooling	3.11 Cooling	3.11 Cooling	3.13 Cooling
<sup>(2)</sup> COP Rated (AS/NZS3823.1.2)	3.46 Heating	3.46 Heating	3.28 Heating	3.38 Heating	3.53 Heating	3.43 Heating
Star Rating	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Power Supply – 50Hz	415V x 3Ph					
Rated Amps (AS/NZS3823.1.2)	240V x 1Ph					
<sup>(3)</sup> Circuit Breaker Amps	8.8					
Compressor Type	Scroll					
Refrigerant	R-410A					
Indoor Fan Type	3 Speed					
Air Flow Indoor (l/s)	820	886	972	1150	1380	1452
Outdoor Dimensions (mm)	670 Nominal	770 Nominal	845 Nominal	950 Nominal	1200 Nominal	1320 Nominal
Indoor Dimensions (mm)	536 Minimum	655 Minimum	718 Minimum	810 Minimum	1020 Minimum	1122 Minimum
Field Pipe Sizes mm (inch)	535 Depth	940 Depth	1245 Depth	1460 Depth	1685 Depth	1885 Depth
Nominal Weight (kgs)	120	135	145	175	200	245
<sup>(4)</sup> Sound Pressure Level (dBA)	50	55	60	75	85	90
<sup>(5)</sup> Sound Power Level (dBA)	47 / 50	50 / 52	50 / 52	52 / 54	55 / 59	55 / 59
Gas (Suction)	9.5 (3/8) <sup>(10)</sup>					
Gas (Return)	19.1 (3/4)					
Field Pipe Sizes mm (inch)	22.22 (7/8)					

Your Accredited ActronAir Dealer:



**ActronAir**  
Australian for air conditioning™

**1300 522 722**  
actronair.com.au

**Residential Warranty**  
Conditions Apply

**2 YEAR Commercial Warranty**  
Conditions Apply

**ARC**  
Refrigerant Trading Authorisation  
No. AU06394

**Quality System**  
Quality Endorsed Company  
ISO 9001:2015

**MEPS CERTIFIED**  
ActronAir Air Conditioning Units are MEPS Certified.

All systems specified in this brochure pass Commissioning levels when tested to AS/NZS 3823:2005 Amendment 2:2008 at rated capacity.

0500-101 0310

Important – The Local Electricity Supply Authority may require limits on – starting current, running current and voltage drop, please check prior to purchase.

**Rated Conditions:**  
Cooling: 35°C DB Outdoor / Air Entering Indoor 27°C DB, 19°C WB  
Heating: 7°C DB, 6°C WB Outdoor / Air Entering Indoor 20°C DB.

**Operating Range:**  
Cooling: 18°C DB to 50°C DB Outdoor / Air Entering Indoor 29°C DB  
Heating: 18°C DB (R22 Heating: 5°C DB) to 21°C DB Outdoor / Air Entering Indoor 21°C DB.

(1) EER Rated = Energy Efficiency Ratio (Rated Capacity Cooling ÷ Rated Input Power Cooling)  
(2) COP Rated = Coefficient of Performance (Rated Capacity Heating ÷ Rated Power Heating)  
(3) Recommended circuit breaker size. This should be used as a guide only, refer to AS/NZS 3000 'Australian/New Zealand Wiring Rules' for more details.  
(4) Sound Pressure Level at 3m distance is determined as the measured sound pressure at 3m perpendicular to the coil side of the condenser.

(5) Determination of Sound Power Levels of Noise Sources, AS1217.2 - Precision Methods for Broad-Band Sources in Reverberation Rooms.  
(6) Maximum number of zones using an 8 zone controller. This may need to be purchased separately.  
(7) When Demand Response capability option is chosen, the air conditioner will be fully compliant with AS4755.3 in the following modes: DRM 1, 2, 3  
(8) Complies with QLD Development Code MP4.1 minimum tested EER of 2.9 for Class 1 and Class 2 buildings from 1st September 2009. See www.dpd.qld.gov.au.  
(9) EER Tested = (Tested Capacity Cooling ÷ Tested Input Power Cooling). For more information refer to www.enracting.com.au.  
(10) For field pipe longer than 20m use 12.7mm (1/2) liquid line. See Technical Catalogue for more information.  
When the outdoor temperature exceeds the rated conditions, the cooling/heating capacity is subject to change without notice. Specifications subject to change without notice.  
5 year residential warranty - refer to Terms of Warranty document for full details.  
2 year commercial warranty - refer to Terms of Warranty document for full details.