



ActronAir[®]

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.

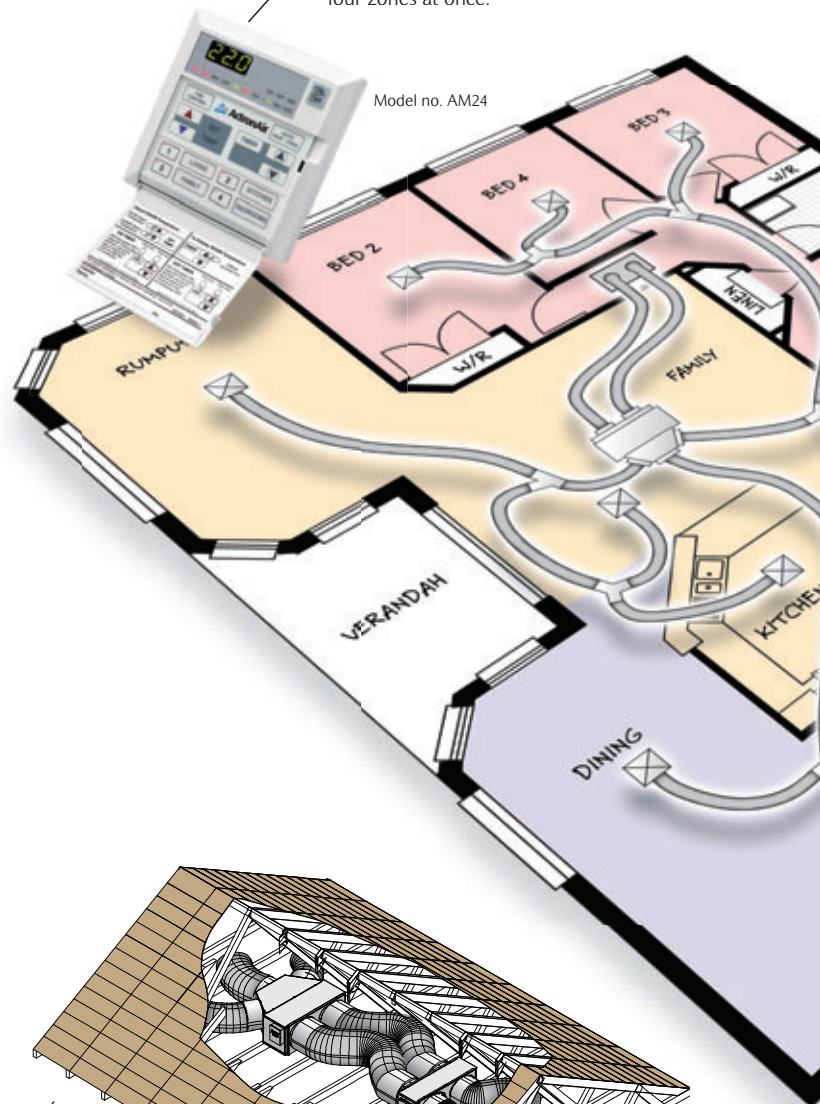
Life was meant to be easy

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.

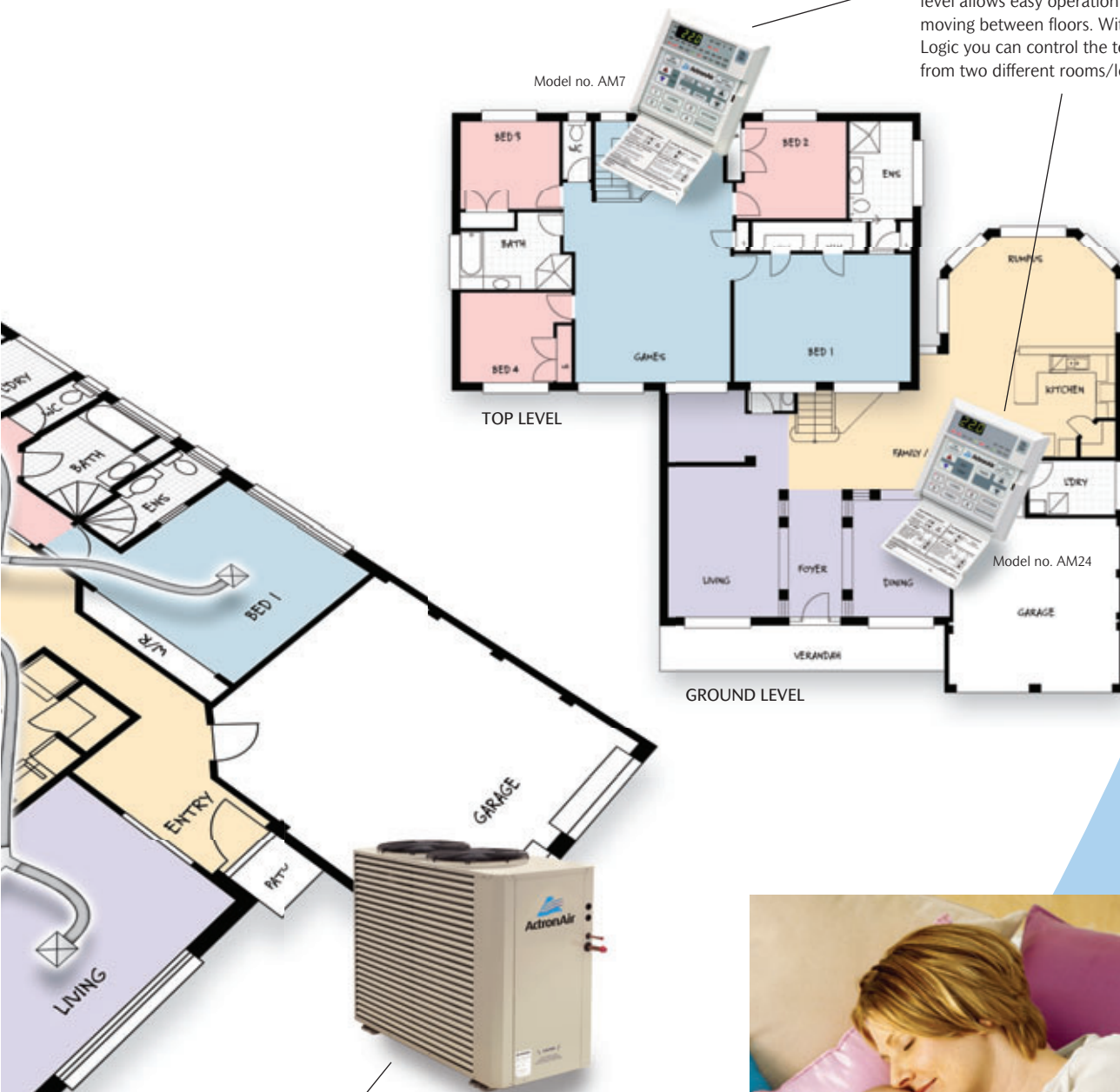


Even the most difficult, tight roof spaces are no obstacle with our unique two-piece fan coil system, providing quality air flow and smooth operation.

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 its 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.

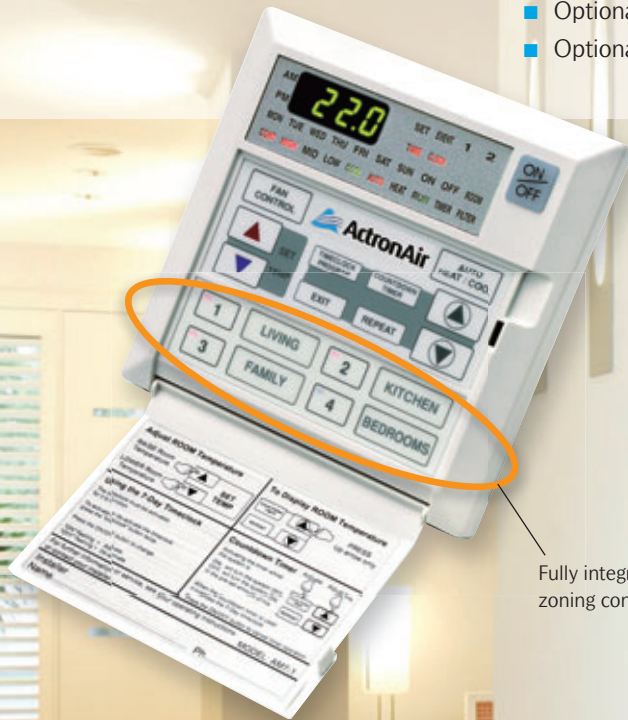
Ideal for outdoor installations on small blocks or near boundary fences, the outdoor unit includes a vertical air discharge as standard for larger models.



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 R-22 Unit Specification (Residential – Standard – Single Phase)

OUTDOOR MODEL	SRE07C SRA07E	SRE09C SRA09E	SRE11C SRA11E	SRA13C SRA13E	SRA15C SRA16E	SRA17C SRA17E
Nett (Rated) Capacity (kW)	6.63	8.44	9.70	11.04	15.00	16.80
(AS/NZS3823.1:2)						
Input Power (kW)	2.54	3.18	3.66	4.10	5.25	5.70
(AS/NZS3823.1:2)						
⁽¹⁾ EER Rated (AS/NZS3823.1:2)	2.61	2.65	2.65	2.69	2.86	2.95
⁽²⁾ COP Rated (AS/NZS3823.1:2)	2.92	2.98	2.97	3.09	3.35	3.41
Star Rating	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Power Supply – 50Hz	240V	240V	240V	240V	240V	240V
Rated Amps (AS/NZS3823.1:2)	12.4	15.7	18.1	20.2	26.1	29.4
⁽³⁾ Circuit Breaker Amps	16.0	20.0	25.0	25.0	32.0	40.0
Compressor Type	Scroll					
Refrigerant	R-22					
Indoor Fan Type	3 Speed					
Air Flow Indoor (l/s)	440	560	640	730	920	1060
Maximum						
Nominal	380	480	560	630	800	920
Minimum	330	420	480	550	700	780
Outdoor Dimensions (mm)						
Depth	370	370	370	495	580	580
Height	810	810	810	895	990	990
Width	1000	1000	1190	1320		
Indoor Dimensions (mm)						
Depth	610	610	615	615		
Height	412	412	412	412		
Width	845	845	1090	1190	1290	
Nominal Weight (kgs)	83	87	88	118	149	157
Indoor	36	39	41	53	55	63
⁽⁴⁾ Sound Pressure Level (dBA)	51 / 53	51 / 53	51 / 53	48 / 50	50 / 52	50 / 52
⁽⁵⁾ Sound Power Level (dBA)	68 / 70	68 / 70	68 / 70	67 / 69	67 / 69	67 / 69

FEATURES

M Series (AM24) 24-Hour Timer	Yes (4 zone)	Yes (4 zone)	Yes (4 zone)	Yes (4 zone)	Yes (4 zone)	Yes (4 zone)
M Series (AM7) 7-Day Programmable Time Clock	Optional	Optional	Optional	Optional	Optional	Optional
Home Automation ON/OFF Capability	Yes	Yes	Yes	Yes	Yes	Yes
⁽⁶⁾ Maximum No. of Zones	8	8	8	8	8	8
Compressor Soft Start	–	–	–	Yes	Yes	Yes
Remote Temperature Sensor	Optional	Optional	Optional	Optional	Optional	Optional
MEPS Certified	Yes	Yes	Yes	Yes	Yes	Yes
⁽⁷⁾ QLD Development Code MP4.1 Compliant	No	No	No	No	No	Yes
⁽⁸⁾ EER Tested (AS/NZS3823.1:2)	2.62	2.61	2.63	2.69	2.86	2.95

Your Accredited ActronAir Dealer:



ActronAir
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ActronAir Standard R-410A Unit Specification (Residential – Standard – Three Phase)

OUTDOOR MODEL	SRA120C SRA120E	SRA140C SRA140E	SRA160C SRA160E	SRA190C SRA190E	SRA230C SRA230E	SRA260C SRA260E
Nett (Rated) Capacity (kW)	11.10	14.50	16.40	18.20	22.54	25.20
(AS/NZS3823.1:2)						
Input Power (kW)	3.67	4.82	5.62	6.24	7.25	7.93
(AS/NZS3823.1:2)						
⁽¹⁾ EER Rated (AS/NZS3823.1:2)	3.02	3.01	2.92	2.92	3.11	3.18
⁽²⁾ COP Rated (AS/NZS3823.1:2)	3.46	3.46	3.28	3.38	3.72	3.68
Star Rating	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Power Supply – 50Hz	415V x 3Ph	240V x 3Ph	240V x 3Ph	240V x 3Ph	240V x 3Ph	240V x 3Ph
Rated Amps (AS/NZS3823.1:2)	8.8	10.8	11.6	13.4	15.6	17.6
⁽³⁾ Circuit Breaker Amps	16.0	16.0	20.0	20.0	25.0	25.0
Compressor Type	Scroll					
Refrigerant	R-410A					
Indoor Fan Type	3 Speed					
Air Flow Indoor (l/s)	820	886	972	1150	1380	1452
Maximum						
Nominal	670	770	845	950	1200	1320
Minimum	536	655	718	810	1020	1122
Outdoor Dimensions (mm)						
Depth	535	580	580	580	685	685
Height	940	990	990	1040	1125	1125
Width	1245	1320	1320	1460	1685	1685
Indoor Dimensions (mm)						
Depth	615	615	615	680	695	695
Height	412	412	412	435	485	485
Width	1090	1290	1420	1420	1470	1470
Nominal Weight (kgs)	120	135	145	175	200	245
Indoor	50	55	60	75	85	90
⁽⁴⁾ Sound Pressure Level (dBA)	47 / 50	50 / 52	50 / 52	52 / 54	55 / 59	55 / 59
⁽⁵⁾ Sound Power Level (dBA)	64 / 67	67 / 69	67 / 69	69 / 71	71 / 75	71 / 75

FEATURES

M Series (AM24) 24-Hour Timer	Yes (4 zone)	Yes (4 zone)	Yes (4 zone)	Yes (4 zone)	Yes (4 zone)	Yes (4 zone)
M Series (AM7) 7-Day Programmable Time Clock	Optional	Optional	Optional	Optional	Optional	Optional
Home Automation ON/OFF Capability	Yes	Yes	Yes	Yes	Yes	Yes
⁽⁶⁾ Maximum No. of Zones	8	8	8	8	8	8
Compressor Soft Start	–	–	–	–	–	–
Remote Temperature Sensor	Optional	Optional	Optional	Optional	Optional	Optional
MEPS Certified	Yes	Yes	Yes	Yes	Yes	Yes
⁽⁷⁾ QLD Development Code MP4.1 Compliant	Yes	Yes	Yes	Yes	Yes	Yes
⁽⁸⁾ EER Tested (AS/NZS3823.1:2)	3.01	2.92	2.91	2.94	3.12	3.08

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, Outdoor / Air Entering Indoor 21°C DB.

Operating Range: Cooling: 15°C DB to 50°C DB Outdoor / Air Entering Indoor 29°C DB, Heating: -5°C DB (R410A), Heating: -10°C DB) to 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. Results are based on outdoor conditions over a hard reflecting surface for the ground plane only. Two values provided: one at low speed outdoor fan and one at high speed outdoor fan. Sound levels may vary in different locations and surroundings.

(5) Sound Power Levels are measured in accordance with the requirements of the Department of Environment and Conservation (NSW) under the Air Quality Management Act 1997 for the registration of air conditioning units.

The measurement procedures contained in this regulation are consistent with Australian Standard AS 217.2 – Determination of Sound Power Levels of Noise Sources Part 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) Complies with QLD Development Code MP4.1 minimum tested EER of 2.9 for Class 1 and Class 2 buildings from 1st July 2009. See www.dip.qld.gov.au.

(8) EER Tested = (Tested Capacity Cooling + Tested Input Power Cooling). For more information refer to www.energyrating.gov.au.

When the outdoor temperature exceeds the rated conditions, the cooling/heating capacities may decrease below the rated nett values. 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.



ActronAir Air Conditioning Units are MEPS Certified.



All systems specified in this brochure pass or exceed minimum government efficiency levels when tested to AS/NZS 3823.2:2005 Amdt 3-2008, at rated capacity.

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