

## 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	SRA101C	SRA101E	SRA121C	SRA141C	SRA161C
INDOOR MODEL	SRA081E	SRA101E	SRA120E	SRA140E	SRA160E
Nett (Rated) Capacity (kW)	8.25	10.25	11.50	14.50	16.40
(AS/NZS3823.1.2)					
Heating	8.75	10.25	12.00	15.00	17.40
Cooling	2.81	3.33	3.90	4.82	5.65
Input Power (kW)	2.57	3.20	3.58	4.34	5.37
(AS/NZS3823.1.2)					
<sup>(1)</sup> EER Rated (AS/NZS3823.1.2)	2.94	3.00	2.95	3.01	2.90
<sup>(2)</sup> COP Rated (AS/NZS3823.1.2)	3.40	3.20	3.35	3.46	3.24
Power Supply - 50Hz			240V x 1 Ph		
Rated Amps (AS/NZS3823.1.2)	12.2	13.7	16.7	21.6	24.5
<sup>(3)</sup> Circuit Breaker Amps	20.0	25.0	32.0		
Refrigerant			R-410A		
Indoor Fan Type			3 Speed		
Air Flow Indoor (l/s)	520	575	820	886	972
Maximum					
Nominal	450	500	670	770	845
Minimum	380	425	536	655	718
Outdoor Dimensions (mm)	370	535			
Depth					
Height	895	940			
Width	1000	1245			
Indoor Dimensions (mm)					
Depth	595	615			
Height	412	412			
Width	850	1090			
Field Pipe Sizes mm (inch)			9.5 (3/8)	19.1 (3/4)	1290
Liquid					
Gas (Suction)	83	119	123	137	146
Outdoor					
Nominal Weight (kg)	41	41	50	55	60
<sup>(4)</sup> Sound Pressure Level (dBA)	50 / 52	47 / 50	47 / 50	50 / 52	50 / 52
Indoor (low/high fan)					
<sup>(5)</sup> Sound Power Level (dBA)	67 / 69	64 / 67	64 / 67	67 / 69	67 / 69
Indoor (low/high fan)					

FEATURES	Yes (8 zone)	Yes (8 zone)	Yes (8 zone)	Yes (8 zone)	Yes (8 zone)
M Series (AM24) 24-Hour Timer	Optional	Optional	Optional	Optional	Optional
M Series (AM7) 7-Day Programmable Time Clock	Optional	Optional	Optional	Optional	Optional
Home Automation ON/OFF Capability	Yes	Yes	Yes	Yes	Yes
<sup>(6)</sup> Maximum No. of Zones (optional)	8	8	8	8	8
Compressor Soft Start	Yes	Yes	Yes	Yes	Yes
Remote Temperature Sensor	Optional	Optional	Optional	Optional	Optional
<sup>(7)</sup> Demand Response Capability (AS4755.3)	Optional	Optional	Optional	Optional	Optional
MEPS Certified	Yes	Yes	Yes	Yes	Yes
<sup>(8)</sup> SA MEPS / QLD Development Code MP4.1 Compliant	Yes	Yes	Yes	Yes	Yes
<sup>(9)</sup> EER Tested (AS/NZS3823.2)	3.00	2.96	2.93	2.95	3.04

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Australian for air conditioning

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Your Accredited ActronAir Dealer:

Important - The Local Electricity Supply Authority may require limits to be placed on the current, running current and voltage drop, please check prior to purchase.  
**Rated Conditions:** Outdoor / Air Entering Indoor: 27°C DB, 19°C WB, Humidity 77% DB, 55% WB Outdoor / Air Entering Indoor: 20°C DB, 16°C WB, Humidity 77% DB, 55% WB  
**Operating Range:** As 24°C DB Outdoor / As Entering Indoor: 19°C DB, 16°C WB, Humidity 77% DB, 55% WB  
**Cooling:** -10°C DB to 27°C DB Outdoor / Air Entering Indoor: 27°C DB, 19°C WB  
**Heating:** -10°C DB to 27°C DB Outdoor / Air Entering Indoor: 27°C DB, 19°C WB  
**Indoor Power Cooling:** -10°C DB to 27°C DB Outdoor / Air Entering Indoor: 27°C DB, 19°C WB  
**Indoor Power Heating:** -10°C DB to 27°C DB Outdoor / Air Entering Indoor: 27°C DB, 19°C WB  
**(1) EER Rated =** Energy Efficiency Ratio (Rated Capacity Cooling ÷ Rated Input Power Cooling)  
**(2) COP Rated =** Coefficient of Performance (Rated Capacity Heating ÷ Rated Input Power Heating)  
**(3) Recommended circuit breaker size:** This should be used as a guide only. Refer to the relevant 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, AS1317.2.  
(6) Maximum number of zones using an 8 zone controller. This may need to be purchased separately.  
(7) When Demand Response Capability is chosen, this is an option that will be implemented with AS4755.3 in the following: DWA 1.2.3  
(8) Complies with SA MEPS and QLD Development Code MP4.1 minimum tested EER of 2.9 for Class 1 and Class 2 buildings from 1st September 2015.  
(9) EER Tested = (Rated Capacity Cooling ÷ Tested Input Power Cooling). For more information refer to www.enrgesting.com.au  
(10) For more information refer to www.enrgesting.com.au  
(11) Technical Catalogue for more information.  
When the outdoor temperature exceeds the rated conditions, the cooling/heating capacities may decrease below the rated test values.  
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 Standard Unit Specification (Three Phase)

OUTDOOR MODEL	SRA120C	SRA140C	SRA160C	SRA190C	SRA230C	SRA260C
INDOOR MODEL	SRA120E	SRA140E	SRA160E	SRA190E	SRA230E	SRA260E
Nett (Rated) Capacity (kW)	11.10	14.50	16.40	18.20	22.45	24.80
(AS/NZS3823.1.2)						
Heating	11.70	15.00	17.40	19.20	23.50	25.84
Cooling	3.67	4.82	5.62	6.24	7.21	7.93
Input Power (kW)	3.38	4.34	5.30	5.68	6.67	7.34
(AS/NZS3823.1.2)						
<sup>(1)</sup> EER Rated (AS/NZS3823.1.2)	3.02	3.01	2.92	2.92	3.11	3.13
<sup>(2)</sup> COP Rated (AS/NZS3823.1.2)	3.46	3.46	3.38	3.38	3.53	3.43
Power Supply - 50Hz			415V x 3Ph			
Rated Amps (AS/NZS3823.1.2)	8.8	10.8	11.6	13.4	15.6	17.5
<sup>(3)</sup> Circuit Breaker Amps	16.0	20.0	20.0	20.0	25.0	25.0
Refrigerant			Scroll			
Indoor Fan Type			R-410A			
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)	535	590				
Depth						
Height	940	990				
Width	1245	1320				
Indoor Dimensions (mm)						
Depth	615	615				
Height	412	412				
Width	1090	1390				
Field Pipe Sizes mm (inch)			9.5 (3/8)	19.1 (3/4)	12.7 (1/2)	15.9 (5/8)
Liquid						
Gas (Suction)						
Outdoor	120	135	145	175	200	245
Indoor	50	55	60	75	85	90
<sup>(4)</sup> Sound Pressure Level (dBA)	47 / 50	50 / 52	50 / 52	52 / 54	55 / 59	55 / 59
Indoor (low/high fan)						
<sup>(5)</sup> Sound Power Level (dBA)	64 / 67	67 / 69	67 / 69	69 / 71	71 / 75	71 / 75
Indoor (low/high fan)						

FEATURES	Yes (8 zone)	Yes (8 zone)	Yes (8 zone)	Yes (8 zone)	Yes (8 zone)	Yes (8 zone)
M Series (AM24) 24-Hour Timer	Optional	Optional	Optional	Optional	Optional	Optional
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
<sup>(6)</sup> Maximum No. of Zones (optional)	8	8	8	8	8	8
Compressor Soft Start	Optional	Optional	Optional	Optional	Optional	Optional
Remote Temperature Sensor	Optional	Optional	Optional	Optional	Optional	Optional
<sup>(7)</sup> Demand Response Capability (AS4755.3)	Optional	Optional	Optional	Optional	Optional	Optional
MEPS Certified	Yes	Yes	Yes	Yes	Yes	Yes
<sup>(8)</sup> SA MEPS / QLD Development Code MP4.1 Compliant	Yes	Yes	Yes	Yes	Yes	Yes
<sup>(9)</sup> EER Tested (AS/NZS3823.2)	3.01	2.92	2.91	2.94	3.12	3.17

(5) Determination of Sound Power Levels of Noise Sources, AS1317.2.  
(6) Maximum number of zones using an 8 zone controller. This may need to be purchased separately.  
(7) When Demand Response Capability is chosen, this is an option that will be implemented with AS4755.3 in the following: DWA 1.2.3  
(8) Complies with SA MEPS and QLD Development Code MP4.1 minimum tested EER of 2.9 for Class 1 and Class 2 buildings from 1st September 2015.  
(9) EER Tested = (Rated Capacity Cooling ÷ Tested Input Power Cooling). For more information refer to www.enrgesting.com.au  
(10) For more information refer to www.enrgesting.com.au  
(11) Technical Catalogue for more information.  
When the outdoor temperature exceeds the rated conditions, the cooling/heating capacities may decrease below the rated test values.  
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®**  
Australian for air conditioning

air conditioning  
designed for  
australian living

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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.



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

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.

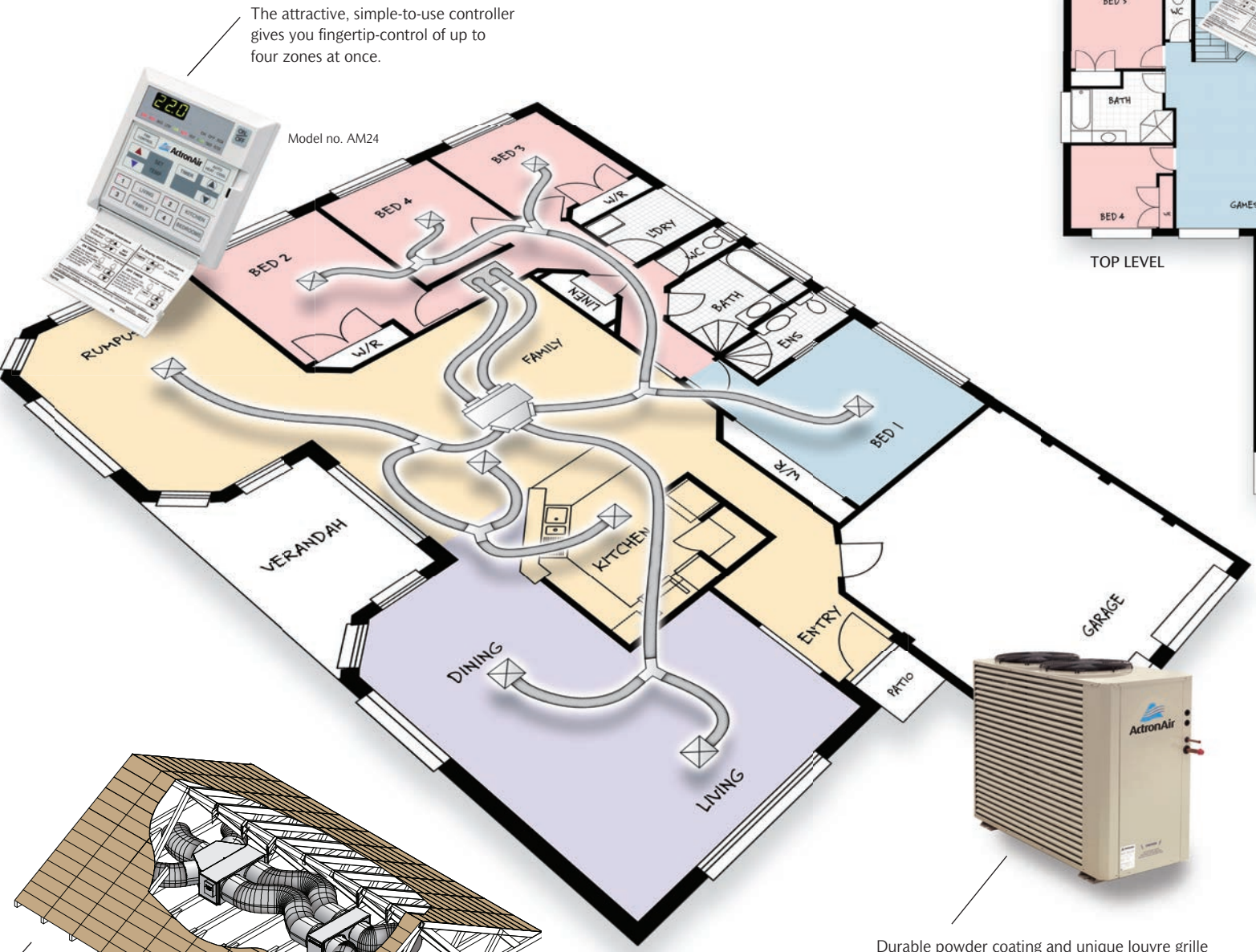
SINGLE-STOREY

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

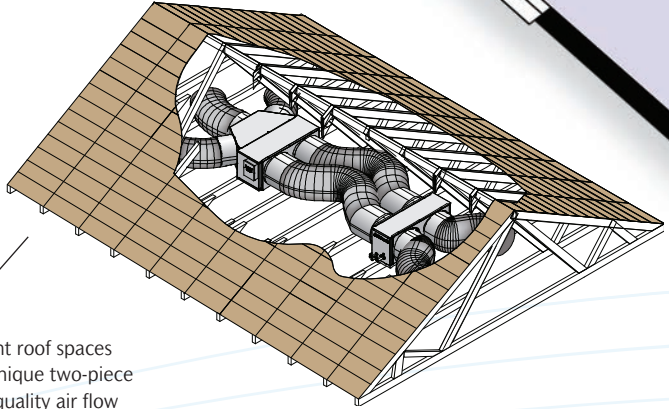
DOUBLE-STOREY

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.



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



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.

