



ActronAir® Head Office, 5 Irvine Place, Bella Vista NSW 2153
1300 522 722



Wall Split System Air Conditioning



Comfort you can depend on.

The perfect combination of stylish good looks and efficient performance. These systems are designed to keep you comfortable all year round. Reverse cycle operation keeps you warm in winter and cool in summer.

The ActronAir range of wall split systems are engineered to perform in Australian conditions. That's why you can rely on ActronAir to keep you warm in winter & cool on the hottest summer days.

Established for over 25 years, ActronAir is an Australian owned and operated company. So you'll never have to look far for product support, especially with the ActronAir National Service Network providing quick and reliable service when and where you need it.

A 5 year warranty provides even more peace of mind.



Insist on an ActronAir specialist.

Every home and office is different and your ActronAir specialist will advise you on the best products to suit your application and lifestyle.

An ActronAir specialist is also qualified to install your air conditioning system quickly and safely plus provide the best ongoing service should you need maintenance, spare parts or advice.

Sophisticated design for modern Australian homes.

The design

The sleek design and clean lines of the indoor unit will complement most Australian interiors.

A stylish yet practical LED display includes an easy to read temperature and function display.

DC inverter technology

Advanced DC Inverter compressor technology delivers improved energy efficiency and reduced running costs.

The DC Inverter compressor automatically adjusts its speed and heating and cooling capacity to match the desired comfort level.

Coil protection

Coil protection is supplied as standard on the indoor and outdoor coils to resist corrosion from the elements.

Superior Operating Range

Cooling: 0°C to 50°C
Heating: -15°C to 34°C



Turbo



Turbo enables the system to operate at its maximum capacity to quickly reach temperature set point.

Sleep function



The Sleep Function is a set temperature program designed to maximise comfort while you sleep.

The Sleep Function adjusts the temperature by 1°C per hour for the first 2 hours and then holds steady for the next 5 hours before automatically turning off.

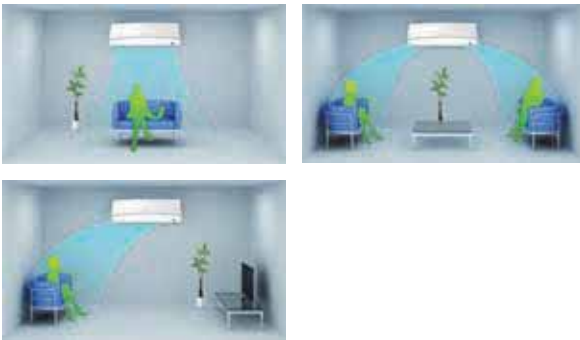


Multi- directional airflow



Effectively heating and cooling your home requires good air circulation throughout the room. The 4-way automatic multi-directional airflow^ function intelligently adjusts the louvres from left to right as well as up and down to improve comfort throughout the room.

^This feature is available for the SWA12/SWA18 & SWA24 models.



“Follow Me” function



In most air conditioners the temperature sensor is located in the Indoor unit. In larger rooms, this may result in temperature differences in different parts of the room. One solution is the “Follow Me” function. Just press the button and the remote control acts as the temperature sensor to deliver you improved comfort wherever you are.



Without “Follow Me”



With “Follow Me”

Self clean



The Self Clean function provides a four stage indoor coil cleaning cycle to minimize build up of dust and reduces mould growth.

Other features include:

- Quiet operation
- Auto restart – In the event of a power failure, the auto-restart feature automatically restarts the unit once power is restored
- Filters to remove most airborne pollutants
- Dry mode to reduce humidity

Stylish remote controller

The contemporary design of the remote controller is the perfect balance between form and function.

The minimalist design is complemented by stainless steel look buttons.

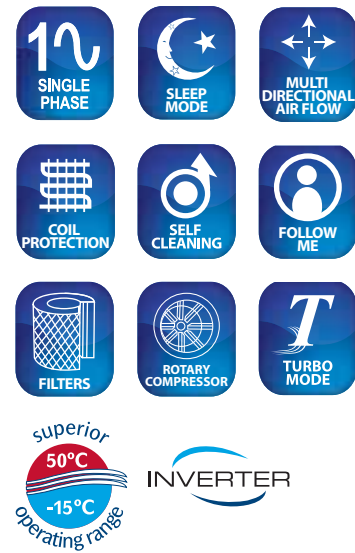
Features include:

- Turbo mode
- Fan Speed – Auto, Low, Med, High
- 24 hour timer On/Off
- 4-way automatic multi-directional airflow^
- Adjustable air flow (SWA09 model only)
- Dry mode operation
- Sleep program
- Follow Me
- Self clean

^This feature is available for the SWA12, SWA18, SWA24 & SWA28 models.



Technical Specifications.



Provided By Airconstruct
<http://www.Airconstruct.com.au>

ActronAir Wall Split System Specifications

Technical Information						
MODEL NUMBER OUTDOOR MODEL NUMBER INDOOR		SWA09C SWA09E	SWA12C SWA12E	SWA18C SWA18E	SWA24C SWA24E	SWA28C SWA28E
Nett (Rated) Capacity (kW) (AS/NZS3823.1.2)	Cooling Rated (min - max) Heating Rated (min - max)	2.40 (0.85-3.70) 2.50 (1.15-4.30)	3.30 (1.40-4.85) 3.30 (1.50-5.05)	5.00 (2.60-6.10) 5.30 (2.70-6.50)	6.40 (3.50-7.60) 7.00 (3.20-8.60)	7.60 (3.90-8.30) 8.50 (4.40-9.00)
Input Power (kW) (AS/NZS3823.1.2)	Cooling Rated (min - max) Heating Rated (min - max)	0.65 (0.22-1.42) 0.66 (0.26-1.55)	0.89 (0.32-1.61) 0.87 (0.36-1.58)	1.52 (0.53-2.21) 1.54 (0.49-2.01)	1.97 (0.82-2.57) 2.12 (0.80-2.70)	2.34 (1.15-2.60) 2.58 (1.05-2.80)
(1) EER Rated (AS/NZS3823.1.2) (2) COP Rated (AS/NZS3823.1.2)	Cooling Heating	3.69 3.79	3.71 3.79	3.29 3.44	3.25 3.30	3.25 3.29
Power Supply - (V / Ph / Hz)	Outdoor	220-240V / 1Ph / 50Hz				
	Indoor	220-240V / 1Ph / 50Hz				
Rated Load Amps (AS/NZS3823.1.2)	Rated (min - max)	3.21 (1.1-6.2)	4.30 (1.5-7.0)	6.96 (2.4-9.8)	9.02 (3.6-11.4)	10.80 (5.00-11.50)
Full Load Amps (AS/NZS3823.1.2)		9.5	12.0	13.5	16.5	16.5
Moisture Removal L/hr		1.0	1.2	1.7	2.3	2.8
IP Rating	Outdoor Indoor	IP24 IPXO	IP24 IPXO	IP24 IPXO	IP24 IPXO	IP24 IPXO
Compressor	Type / No. Per Unit	Rotary DC Inverter / 1				
Capacity Range	Cooling	35 - 155%	40 - 145%	50 - 120%	55 - 120%	50 - 110%
	Heating	45 - 170%	45 - 155%	50 - 120%	45 - 120%	50 - 105%
Refrigerant		R410a				
Fans (Type x Number per unit)	Outdoor	Axial/6 Pole /Direct Drive x 1	Axial/6 Pole /Direct Drive x 1	Axial/6 Pole /Direct Drive x 1	Axial/6 Pole /Direct Drive x 1	Axial/6 Pole /Direct Drive x 1
	Indoor	Centrifugal /4 Pole / Direct Drive x 1 (PULSE)	Centrifugal /4 Pole / Direct Drive x 1 (PULSE)	Centrifugal /4 Pole / Direct Drive x 1	Centrifugal /4 Pole / Direct Drive x 1	Centrifugal /4 Pole / Direct Drive x 1
Indoor Airflow (L/s)	High	158	192	345	345	417
	Medium	144	183	310	310	375
	Low	133	172	290	290	278
Outdoor Dimensions (mm)	Depth	285	285	320	315	315
	Height	590	590	700	860	860
	Width	760	760	845	900	900
Indoor Dimensions (mm)	Depth	165	200	221	221	258
	Height	290	295	320	320	340
	Width	850	995	1084	1084	1186
Nominal Weight (kgs)	Outdoor	37	41	51	76	76
	Indoor	11	14	18	18	22
(3) Sound Pressure Level (dBA) @ 1m	Outdoor (low/high fan)	51/53	54/56	55/57	58/60	58/61
(4) Sound Power Level (dBA)	Outdoor (low/high fan)	60/62	63/65	66/68	67/70	67/70

Features						
OUTDOOR MODEL INDOOR MODEL		SWA09C SWA09E	SWA12C SWA12E	SWA18C SWA18E	SWA24C SWA24E	SWA28C SWA28E
Star Rating - Cooling [AS/NZS 3823.2.]		★★★★	★★★★	★★★★☆	★★★	★★★☆☆
Star Rating - Heating [AS/NZS 3823.2.]		★★★★	★★★★	★★★★☆	★★★☆☆	★★★
Remote Controller Model		RG35-A	RG35	RG35	RG35	RG35
Outdoor Operating Range	Cooling	0°C to 50°C				
	Heating	-15°C to 34°C				
“Follow Me” function		Yes	Yes	Yes	Yes	Yes
Sleep function		Yes	Yes	Yes	Yes	Yes
Turbo		Yes	Yes	Yes	Yes	Yes
Self Clean function		Yes	Yes	Yes	Yes	Yes
Timer ON/OFF		Yes	Yes	Yes	Yes	Yes
4-way Automatic Multi-directional Airflow Vertical auto-swing (up/down) Horizontal auto-swing (left/right)		Motorised Manual	Motorised Motorised	Motorised Motorised	Motorised Motorised	Motorised Motorised

Field Piping and Connections						
Refrigerant Charge						
Factory Charge - (g)		1070	1200	1650	2200	2430
Pre-Charge Length - (m)		5	5	5	5	5
Additional Refrigerant Charge - (g/m)		20	20	20	40	40
Maximum Field Pipe Length Range - (m)		20	20	20	25	25
Maximum Vertical Height Differential (m) included in max length		8	8	8	10	10
Field Pipe Size	Liquid Pipe - mm (inch)	Φ6.35 (1/4")	Φ6.35 (1/4")	Φ6.35 (1/4")	Φ9.52 (3/8")	Φ9.52 (3/8")
	Gas Pipe - mm (inch)	Φ9.52 (3/8")	Φ12.7 (1/2")	Φ12.7 (1/2")	Φ15.88(5/8")	Φ15.88(5/8")
Outdoor Unit Connection	Liquid Pipe - mm (inch)	Φ6.35 (1/4")	Φ6.35 (1/4")	Φ6.35 (1/4")	Φ9.52 (3/8")	Φ9.52 (3/8")
	Gas Pipe - mm (inch)	Φ9.52 (3/8")	Φ12.7 (1/2")	Φ12.7 (1/2")	Φ15.88 (5/8")	Φ15.88 (5/8")
Indoor Unit Connection	Liquid Pipe - mm (inch)	Φ6.35 (1/4")	Φ6.35 (1/4")	Φ6.35 (1/4")	Φ9.52 (3/8")	Φ9.52 (3/8")
	Gas Pipe - mm (inch)	Φ9.52 (3/8")	Φ12.7 (1/2")	Φ12.7 (1/2")	Φ15.88 (5/8")	Φ15.88 (5/8")
Plug Type		10 Amp†/SAA	15 Amp/SAA	15 Amp/SAA	n/a	n/a
Application Area (sqm) guide only as this is dependant on heat load calculation		13-22	18-29	25-42	32-53	41-68



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.

- (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) Sound Pressure Level at 1m distance is determined as the measured sound pressure at 1m perpendicular to the coil side of the condenser.
- (4) Determination of sound power levels is in accordance with JB/G4330 – Determination of noise emitted by refrigerating and air conditioning equipment.

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

5 year warranty*

* Conditions apply. For complete warranty details please visit our website.
www.actronair.com.au

NOTE: Specifications are subject to change without notice.
† Units supplied prior to February 2012 have 15 Amp /SAA plugs.