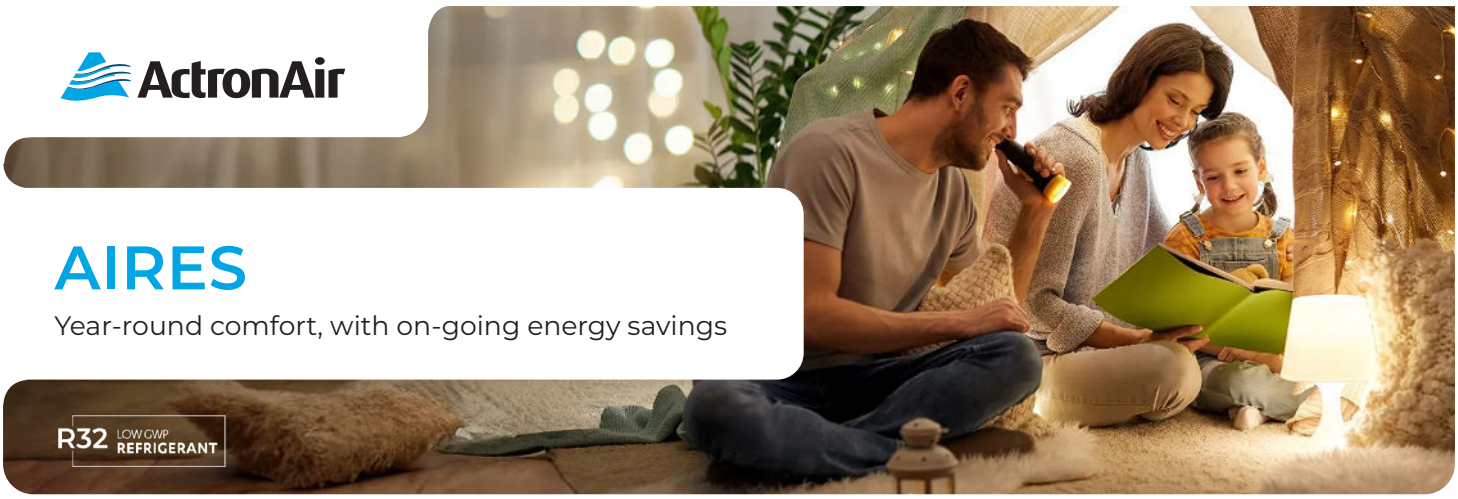
ActronAir



AIRES

Year-round comfort, with on-going energy savings

Australian designed, for the Aussie home

We know Aussie weather can throw four seasons in a day. From Tassie to the Top End, our climate demands more - so we built the AIRES Inverter Split-Ducted System to handle it with ease. Designed for Australian conditions, it delivers efficient, affordable comfort. And with smart zoning, everyone stays comfortable without breaking the bank.



Flexible, efficient zoning

We recognise that each home is unique, whether it has an open-plan living area or a private work-from-home space. That's why our AIRES control and zoning solutions are incredibly flexible, supporting a wide range of applications to deliver the comfort and efficiency you desire, tailored to your budget, ensuring the perfect balance of comfort and cost-effectiveness.

NEW

Individual Temperature Control

Control different temperatures in different zones at the same time giving you the best in comfort.

Built for Aussie Conditions

Built to handle our country's toughest weather extremes, AIRES delivers reliable comfort from -10°C to 50°C.

Better Together with Unity IQ

AIRES works seamlessly with our locally designed and built control systems featuring advanced Unity IQ logic. Delivering performance and comfort throughout.

Control in style

NEO is ActronAir's latest entry in a line of award-winning control products. Building on the unique design and superior performance that ActronAir controls are known for, NEO brings the best in premium control technology to more people than ever before.

- Mobile app included
- Additional control options



Download on the App Store · GET IT ON Google Play · works with Google Home · works with alexa

AIRES
Single Phase (10.00 - 17.00kW)



Specification Table

Technical Information					
Model	Outdoor	CRS10AS	CRS13AS	CRS15AS	CRS17AS
	Indoor	EVA10AS	EVA13AS	EVA15AS	EVA17AS
(1) Nett (Rated Capacity (kW)	Cooling (Min/Rated/Max)	3.89 / 10.00 / 12.34	5.55 / 13.02 / 15.01	5.94 / 15.40 / 17.26	6.54 / 17.00 / 19.32
	Heating (Min/Rated/Max)	3.13 / 10.52 / 13.57	4.69 / 15.00 / 17.03	5.10 / 16.74 / 18.57	5.32 / 19.29 / 21.61
(1) Input Power (kW)	Cooling / Heating (Rated)	2.97 / 3.06	3.89 / 4.27	4.41 / 4.72	5.02 / 5.50
(2) (3) EER / COP Rated	Cooling / Heating (Rated)	3.36 / 3.43	3.35 / 3.51	3.49 / 3.55	3.39 / 3.51
Seasonal Performance Factor Residential (Hot / Avg / Cold)	Cooling / TCSPF	4.45 / 4.10 / 4.22	4.50 / 4.21 / 4.37	4.68 / 4.39 / 4.55	4.45 / 4.20 / 4.35
	Heating / TCSPF	4.13 / 3.64 / 3.21	4.33 / 3.86 / 3.42	4.32 / 3.86 / 3.41	4.39 / 3.89 / 3.45
Power Supply - (V/Ph/Hz)	Outdoor	230V / 1Ph+N / 50Hz			
	Indoor	230V / 1Ph+N / 50Hz			
(1) Rated Amps	Total	13.83	18.62	20.83	24.34
(1) Full Load Amps	Outdoor / Indoor / Total	17.26 / 3.62 / 20.88	17.77 / 4.30 / 22.07	21.45 / 4.30 / 25.75	23.98 / 4.30 / 28.28
(4) Circuit Breaker Amps (Suggested)		25		32	
IP Rating	Outdoor / Indoor	IPX4 / IP20			
Compressor	Type / No. Unit	Inverter Twin Rotary / 1 / Variable Speed Drive			
	Starting Method	Variable Speed Drive			
No. of Refrigeration Circuits / No. of Capacity Stages		1 / Variable Capacity			
Refrigerant		R32			
Fans (Type x Number per Unit)	Outdoor	Axial / DC Motor x 1		Axial / DC Motor x 2	
	Indoor	Single Centrifugal / EC Motor x 1	Twin Centrifugal / EC Motor x 1		
Airflow Indoor (l/s)	Max / Nom / Min	600 / 500 / 400	780 / 650 / 520	920 / 770 / 620	1060 / 890 / 710
Dimensions	Outdoor (D / H / W)	370 / 790 / 990	340 / 997 / 1020	340 / 1350 / 1020	
	Indoor (D / H / W)	595 / 410 / 850	615 / 412 / 1290		680 / 435 / 1420
(5) Nominal Weights (kgs)	Outdoor / Indoor	64 / 36	85 / 44	99 / 53	110 / 61
(6) Sound Pressure Level (dBA) @ 1m	Outdoor (quiet / rated / max)	49.9 / 52.1 / 53.8	47.0 / 54.2 / 55.2	46.0 / 54.9 / 55.3	50.1 / 56.8 / 56.9
(7) Sound Power Level (dBA	Outdoor (quiet / rated / max)	65.3 / 68.1 / 69.9	64.2 / 70.0 / 71.0	63.6 / 71.6 / 72.0	67.3 / 72.8 / 73.2
MEPS Compliant		Yes			
Demand Response Capability (AS4755.3)		Yes			
BMS and Home Automation Compatibility (ICUNO-MOD)		Yes			
Fin Protection - Indoor & Outdoor Coils		Yes			
Home Automation / Remote On / Off Capability		Yes			
Manual Inputs Capable for Third party Control		Yes			
Maximum Number of Zones		8			
Run & Fault Indication		Yes			
Two Piece Indoor Option		No	Yes		
Operating Range		-10°C up to 50°C			

Optional

Every home is different - your air conditioning should fit yours. With upright vertical discharge and two-piece indoor options available, you've got more freedom to place your system exactly where it works best, while still enjoying powerful, efficient comfort.





All pictures shown are for illustration purposes only.

AIRES
Three Phase (13.00 - 23.00kW)

Find out more at
actronair.com.au/aires



Specification Table

Technical Information					
CRS13AT	CRS15AT	CRS17AT	CRS20AT	CRS23AT	
EVA13AS	EVA15AS	EVA17AS	EVA20AS	EVA23AS	
5.49 / 13.00 / 15.32	6.00 / 15.20 / 17.21	6.48 / 17.00 / 19.16	7.72 / 19.80 / 22.60	8.97 / 22.60 / 26.00	
4.74 / 15.00 / 17.29	5.05 / 16.70 / 18.59	5.27 / 19.08 / 21.18	6.60 / 22.00 / 26.10	7.50 / 24.50 / 28.40	
3.91 / 4.13	4.43 / 4.64	5.02 / 5.42	5.70 / 6.12	6.44 / 6.62	
3.33 / 3.63	3.43 / 3.60	3.39 / 3.52	3.47 / 3.60	3.51 / 3.70	
4.48 / 4.19 / 4.34	4.72 / 4.43 / 4.61	4.46 / 4.20 / 4.35	4.53 / 4.20 / 4.32	4.51 / 4.22 / 4.34	
4.50 / 3.97 / 3.46	4.31 / 3.87 / 3.42	4.41 / 3.90 / 3.41	4.25 / 3.85 / 3.42	4.30 / 3.92 /3.51	
400V / 3Ph+N / 50Hz					
230V / 1Ph+N / 50Hz					
7.41	8.38	9.95	12.59	12.92	
5.75 / 4.30 / 10.05	6.80 / 4.30 / 11.10	8.00 / 4.30 / 12.30	12.48 / 5.75 / 18.23	12.41 / 7.15 / 19.56	
16			20		
IPX4 / IP20					
Inverter Twin Rotary / 1 / Variable Speed Drive					
Variable Speed Drive					
1 / Variable Capacity					
R32					
Axial / DC Motor x 1	Axial / DC Motor x 2				
Twin Centrifugal / EC Motor x 1					
780 / 650 / 520	920 / 770 / 620	1060 / 890 / 710	1255 / 1050 / 850	1450 / 1200 / 950	
340 / 997 / 1020	340 / 1350 / 1020		400 / 1536 / 1050		
615 / 412 / 1090	615 / 412 / 1290	680 / 435 / 1420	695 / 485 / 1470	695 / 485 / 1570	
85 / 44	99 / 53	110 / 61	142 / 72	149 / 81	
46.7 / 54.0 / 54.9	45.8 / 55.1 / 55.4	50.0 / 56.9 / 57.0	48.8 / 59.4 / 59.6	51.5 / 60.3 / 60.7	
64.2 / 70.3 / 71.1	63.4 / 71.8 / 72.1	66.9 / 72.8 / 73.1	66.2 / 75.4 / 75.7	71.2 / 76.2 / 76.9	
Yes					
Yes					
Yes					
Yes					
Yes					
Yes					
8					
Yes					
Yes					
-10°C up to 50°C					

Foot Notes 1-6

1. As per standards of the performance of electrical appliances (AS/NZS3823.1.4).
2. EER Rated = Energy Efficiency Ratio (Rated Capacity Cooling / Rated Input Cooling).
3. COP Rated = Coefficient of Performance (Rated Capacity Heating / Rated Input Heating).
4. Refer to AS/NZS 3000 "Australian/New Zealand Wiring Rules" for more details.
5. Refer to Catalogue Unit Weight Distribution Guide section for details of weight points.
6. Sound Pressure Level at 3m distance is determined as the measured sound pressure at 3m perpendicular to the coil side of the condenser. Sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions.
7. Measured based on ISO 3743-1, Determination of Sound Power Levels and Sound Energy Levels of Noise Sources Using Sound Pressure.

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

Warranty:
For full terms and conditions of ActronAir warranty, please refer to warranty terms document - www.actronair.com.au

Important Notes:

- The Local Electricity Supply Authority may require limits on - starting current, running current and voltage drop, please check prior to purchase.
- When the outdoor temperature exceeds the rated conditions, the cooling/heating capacities may decrease the rated nett values.

AIRES CONTROLS

Year-round comfort, with on-going energy savings.

Find out more at
actronair.com.au/aires





Features Table

Wall Controller	NEO	LR7
Maximum Number of Controllers	2	3
Colour Options	Ceramic White / Jet Black	White / Grey
Screen	7" Touchscreen	7 segment display
Dimensions - (H / W / D)	118 x 212 x 17 mm	130 x 130 x 14.4 mm
No. of supported zones	8	8
24 Hour Countdown Timer	Yes	Yes
7 Day Timeclock	Yes	Yes
Temperature Adjustments (0.5°C)	Yes	Yes
On-Board Temperature Sensor	Yes	Yes
ZoneAware Technology	Yes	Yes
Filter Timer Notification	Yes	Yes
(8) Near Field Communication (NFC)	Yes	Yes
Humidity Sensor	Yes	—
Proximity Sensor / Light Sensor	Yes	—
(9) Wi-Fi Compatibility - Inbuilt	Yes	—
(10) Over-The-Air-Updates	Yes	—
Service and System Dashboards	Yes	—
Child Key Lock with PIN code	Yes	—
Remote Sensor		
Maximum Number of Sensors	16	3
Choice of colour	Ceramic White / Jet Black	White / Grey
L Series Wired Temperature Sensor - 63 x 41 x 94mm (H / W / D)	Yes	Yes
(11) NEO Sense Wireless Temperature Sensor - 80 x 83 x 18mm (H / W / D)	Yes	—
Individual Temperature Control	Yes	—
(12) Portable Stand available in Ceramic White or Jet Black	Yes	—
(13) Near Field Communication (NFC) Compatible	Yes	—
Zone Controller		
Maximum Number of Controllers	16	—
Choice of colour	Ceramic White / Jet Black	—
NEO Zone Controller Temperature Sensor - 93 x 90 x 18mm (H / W / D)	Yes	—
Screen	2.7' LED	—
Individual Temperature Control	Yes	—
YourZone	Yes	—
Humidity, Proximity and Light Sensor	Yes	—
(12) Portable Stand available in Ceramic White or Jet Black	Yes	—
Zone On/Off	Yes	—
NEO Connect App		
(13) NEO Connect Mobile App	Yes	—
Geo-Fencing	Yes	—
Smart Assistant Compatible (Google Home, Alexa)	Yes	—

Foot Notes 8-14

8. Near Field Communications requires compatible device. Provide access to wall control operating instructions
9. Wi-Fi compatibility with 802.11 b/g/n 2.4 GHz
10. NEO Touch must be connected to Wi-Fi with internet and cloud access
11. NEO Sense available for use as wired or wireless. Wireless operation requires 3 x AAA batteries.
12. Portable stand compatible with wireless NEO Zone and NEO Sense.
13. Near Field Communication (NFC) requires compatible device. Provides access to NEO Connect Mobile App.
14. Compatible with ActronAir NEO Touch Controller (NTW-1000, NTB-1000). Available on iOS 9 or later / Android Version 6 Marshmallow or later.

5 YEAR WARRANTY FOR PEACE OF MIND

ActronAir