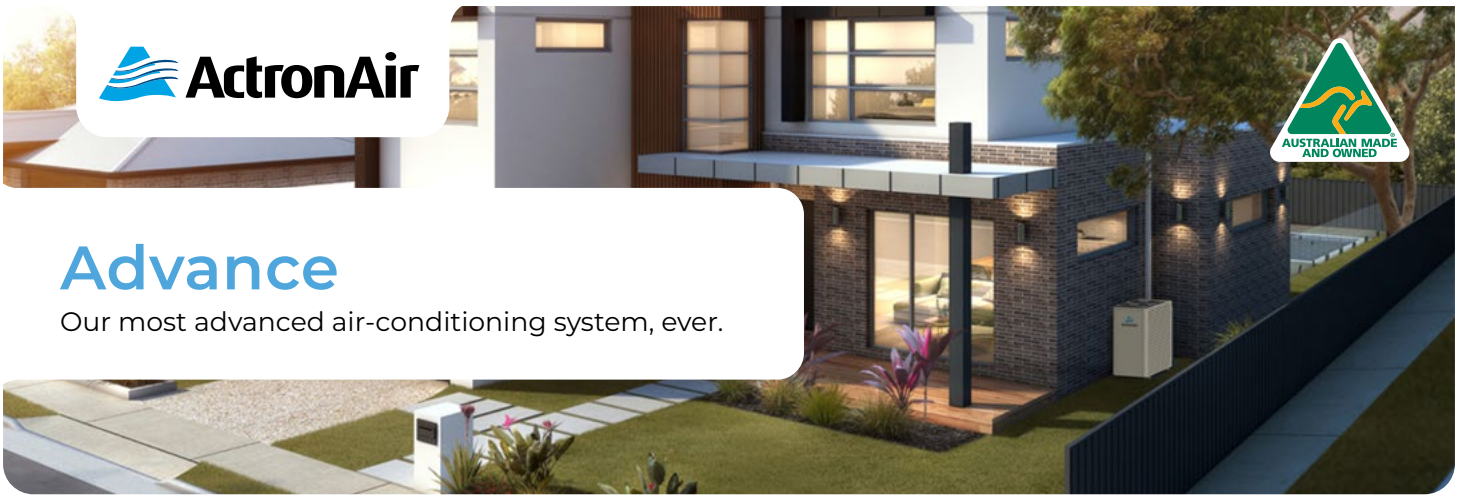


Advance

Our most advanced air-conditioning system, ever.

Australian-made ducted comfort

With the culmination of ActronAir's 40+ years of experience delivering you the perfect amount of comfort to each persons room and taste.

- Individual Temperature Control
- Faster precise comfort
- Low Operating Costs



Advance can condition Individual Zones

Most ducted air conditioners rely on a single temperature sensor, which can lead to inconsistent temperatures in each room. Our purely Australian focus means that we have created our industry leading zoning solution, where every room can have its own air conditioning supply, individually controllable to each person's preference.

Individual Temperature Control

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

Vertical Discharge

Improves performance in tight spaces by expelling hot air upwards, avoiding recirculation.

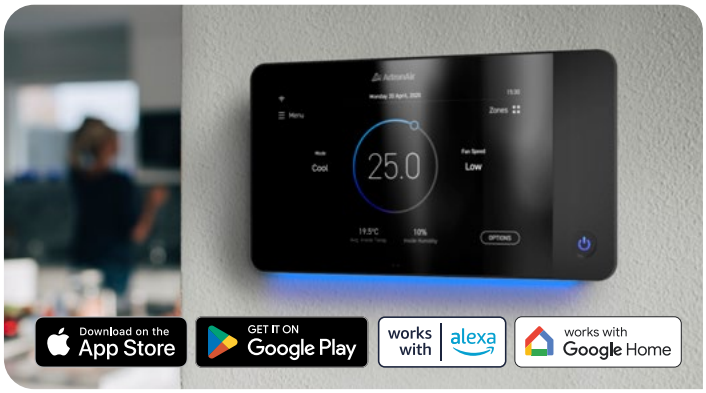
Faster Precise Comfort

TRU-Inverter compressor delivers comfort fast over a wider capacity range with TruMax technology providing powerful cooling and heating in extreme conditions.

Control in style

NEO brings your home the best in premium touchscreen technology, offering our industry leading Individual Zoning with personal temperature control for each room.

- Easy to use
- Mobile app included
- Additional control options



THE PERFECT HOME COMFORT SOLUTION

Find out more at actronair.com.au/advance

Advance System Single Phase (13.00 - 17.00kW)

Powerful ducted comfort with complete control.



Specification Table

Technical Information				
Model	Outdoor / Indoor	CRV13BS / EVV13BS	CRV15BS / EVV15BS	CRV17BS / EVV17BS
(1) Nett (Rated Capacity (kW)	Cooling (Min/Rated/Max)	4.10 / 13.00 / 14.50	4.35 / 14.80 / 16.50	4.65 / 17.00 / 18.50
	Heating (Min/Rated/Max)	3.80 / 12.85 / 15.00	4.48 / 15.00 / 17.50	5.30 / 17.20 / 19.20
(1) Input Power (kW)	Cooling / Heating (Rated)	3.84 / 3.37	4.46 / 4.09	5.10 / 4.74
(2) (3) EER / COP Rated	Cooling / Heating (Rated)	3.38 / 3.81	3.32 / 3.67	3.33 / 3.63
Seasonal Performance Factor Residential (Hot / Avg / Cold)	Cooling / TCSPF	4.61 / 4.31 / 4.45	4.50 / 4.22 / 4.37	4.61 / 4.34 / 4.52
	Heating / TCSPF	4.26 / 3.87 / 3.40	4.20 / 3.84 / 3.42	4.44 / 3.94 / 3.42
Power Supply - (V/Ph/Hz)	Outdoor	230V / 1Ph + N / 50Hz		
	Indoor	230 V / 1Ph + N / 50Hz		
(1) Rated Amps	Total	16.90	19.24	21.90
(1) Full Load Amps	Outdoor / Indoor / Total	27.30 / 4.30 / 31.60	27.40 / 3.80 / 31.20	30.30 / 4.20 / 34.50
(4) Circuit Breaker Amps (Suggested)		32.00		40.00
IP Rating	Outdoor / Indoor	IP44 / IP20		
Compressor	Type / No. Unit	Inverter Variable Speed Scroll / 1		
	Starting Method	Inbuilt Soft Starting		
No. of Refrigeration Circuits / No. of Capacity Stages		1 / Variable Capacity		
Refrigerant		R32		
Fans (Type x Number per Unit)	Outdoor	Axial / EC Motor x 2		
	Indoor	Twin Centrifugal / EC Motor x 1		
Airflow Indoor (l/s)	Max / Nom / Min	780 / 650 / 230	920 / 770 / 260	1060 / 890 / 300
Dimensions	Outdoor (D/H/W)	530 / 1110 / 1365		
	Indoor (D/H/W)	615 / 412 / 1090	615 / 412 / 1290	680 / 435 / 1420
(5) Nominal Weights (kgs)	Outdoor / Indoor	148 / 44	148 / 53	155 / 61
(6) Sound Pressure Level (dBA) @ 1m	Outdoor (quiet/rated/max)	50.90 / 58.00 / 60.50	52.80 / 62.00 / 62.00	52.90 / 62.00 / 62.00
(7) Sound Power Level (dBA	Outdoor (quiet/rated/max)	64.10 / 71.30 / 73.60	66.00 / 75.10 / 75.10	65.70 / 75.10 / 75.10
MEPS Compliant		Yes		
Demand Response Capability (AS4755.3)		Yes		
BMS and Home Automation Compatibility (ICUNO-MOD)		Yes		
Hydrophilic Blue Fin Coil Coat - Indoor & Outdoor Coils		Yes		
Home Automation / Remote On / Off Capability		Yes		
Manual Inputs Capable for Third part Control		Yes		
Maximum Number of Zones		Yes		
Run & Fault Indication		Yes		
Two Piece Indoor Option		Yes		
Operating Range		-15°C up to 52°C		

Foot Notes 1-6

1. As per standards of the performance of electrical appliances (AS/NZS3823.1.2).
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.

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.
- Specifications subject to change without notice.
- All pictures shown are for illustration purposes only.

AIR CONDITIONING DESIGNED FOR AUSTRALIA

Advance System Three Phase (13.00 - 25.00kW)

Our systems come with more of what you need.



Specification Table

Technical Information						
CRV13BT / EVV13BS	CRV15BT / EVV15BS	CRV17BT / EVV17BS	CRV19BT / EVV19BS	CRV22BT / EVV22BS	CRV25BT / EVV25BS	
4.10 / 13.00 / 14.50	4.35 / 14.80 / 16.50	4.85 / 17.00 / 18.70	6.49 / 19.00 / 21.00	6.00 / 22.00 / 25.00	6.30 / 25.00 / 28.00	
3.80 / 12.85 / 15.00	4.35 / 15.00 / 17.50	5.30 / 17.20 / 19.20	5.58 / 19.00 / 20.00	6.30 / 23.00 / 26.00	6.27 / 26.00 / 28.50	
3.77 / 3.08	4.33 / 3.93	5.06 / 4.58	5.54 / 5.08	6.61 / 6.25	7.27 / 6.84	
3.44 / 4.18	3.42 / 3.82	3.36 / 3.75	3.43 / 3.74	3.33 / 3.68	3.44 / 3.80	
4.69 / 4.19 / 4.25	4.61 / 4.16 / 4.24	4.79 / 4.36 / 4.50	4.79 / 4.43 / 4.50	4.69 / 4.36 / 4.52	4.70 / 4.39 / 4.54	
4.35 / 3.96 / 3.43	4.57 / 4.07 / 3.51	4.45 / 4.02 / 3.55	4.44 / 3.96 / 3.45	4.54 / 4.03 / 3.53	4.53 / 4.03 / 3.50	
400V / 3Ph = N / 50Hz						
230V / 1Ph + N / 50Hz						
7.20	8.80	11.50	11.00	13.30	14.80	
7.89 / 3.90 / 11.70	10.10 / 3.90 / 14.00	10.80 / 4.20 / 15.00	12.48 / 4.63 / 17.11	13.60 / 5.60 / 19.20	14.20 / 8.40 / 22.60	
16.00			20.00		25.00	
IP44 / IP20						
Inverter Variable Speed Scroll / 1						
Inbuilt Soft Starting						
1 / Variable Capacity						
R32						
Axial / EC Motor x 2				Axial / EC Motor x 3		
Twin Centrifugal / EC Motor x 1						
780 / 650 / 230	920 / 770 / 260	1060 / 860 / 300	1200 / 1000 / 350	1380 / 1150 / 400	1570 / 1300 / 450	
530 / 1110 / 1365				530 / 1343 / 1641		
615 / 412 / 1090	615 / 412 / 1290	680 / 435 / 1420	645 / 485 / 1470	695 / 485 / 1570		
148 / 44	148 / 53	155 / 61	142 / 75	178 / 76	183 / 79	
50.50 / 57.50 / 60.10	52.70 / 61.70 / 61.70	52.90 / 61.70 / 61.70	57.70 / 65.60 / 65.60	58.80 / 64.90 / 64.90	59.30 / 65.60 / 65.60	
63.60 / 70.50 / 72.90	65.60 / 74.60 / 74.60	65.70 / 74.60 / 74.60	69.00 / 77.50 / 77.50	70.10 / 77.40 / 77.40	72.40 / 78.80 / 78.80	
Yes						
Yes						
Yes						
Yes						
Yes						
Yes						
Yes						
Yes						
Yes						
Yes						
-15°C up to 52°C				-15°C up to 54°C		



Australian made products includes controls, outdoor and indoor unit

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

Find out more at docs.actronair.com.au

Advance Controls

Powerful ducted comfort with complete control



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	—
NEO Connect App		
Zone On/Off	Yes	—
[14] 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 us as wired or wireless. Wireless operation requires 3 x AAA batteries (up to 5 Year battery life)
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.