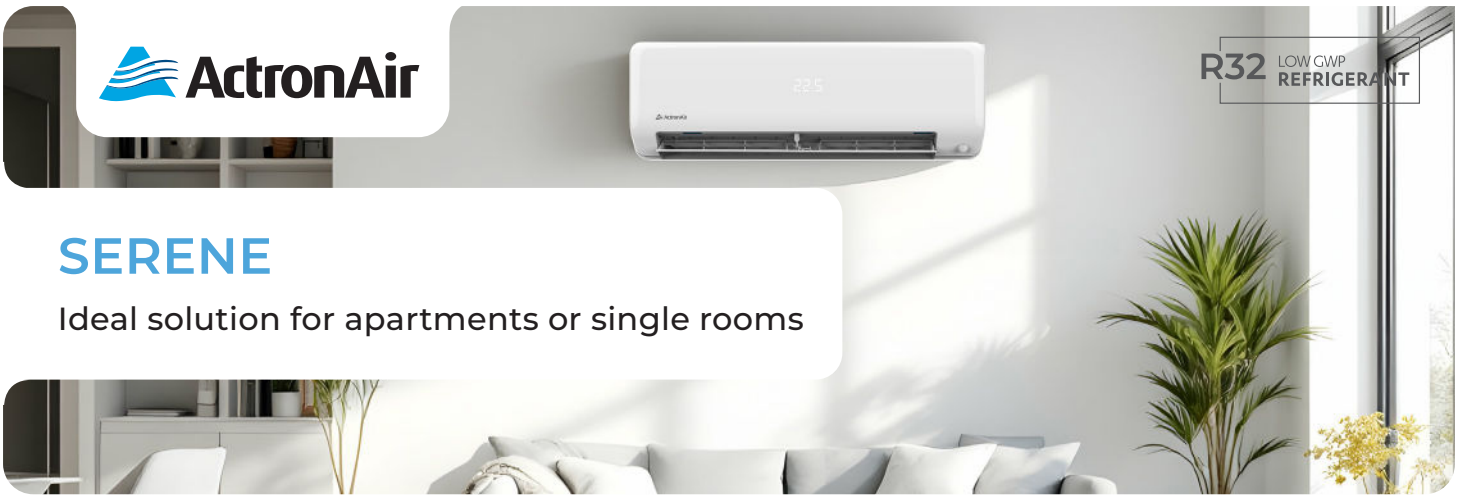

SERENE

Ideal solution for apartments or single rooms

Cleaner, Healthier Air for your Home.

Enjoy peace of mind with SERENE's new built-in UVC Light technology, which helps sterilise the air by neutralising up to 99.8% of staphylococcus albus bacteria. It's an added layer of protection, giving your family cleaner, healthier air with every cycle.

* Test: 2022FM09815R01E Gmicro Testing Facility Detection Centre of Microbiology

Big on Comfort, Light on Energy Bills.

With an impressive 7-star energy rating*, the SERENE delivers outstanding efficiency—helping you stay comfortable while keeping your electricity bills low. Whether you're cooling down in summer or warming up in winter, SERENE uses less power to do more, making it a smarter choice for both your home and the environment.

* Energy rating applicable to 2.65kW unit

Built for Aussie Conditions

Built to handle our country's toughest weather extremes, SERENE delivers reliable comfort from -15°C to 50°C.

Self-Cleaning Technology

The enhanced **i-Clean** function uses high-temperature defrost cycles to reduce dirt, bacteria, and mould—giving you fresher air.

Smarter Performance. Lower Costs

SERENE's **DC inverter technology** adjusts output to match demand—minimising energy use and reducing running costs.

Smart Comfort that Follows your Lead.

SERENE's **Intuitive Proximity Sensor** detects when a room is empty and automatically reduces power to save energy. As soon as someone re-enters, it quickly returns to your preferred comfort settings—keeping you comfortable while helping lower your energy bills.

SERENE

Ideal solution for apartments or single rooms

Comfort that Reaches Every Corner.

SERENE's 3D Airflow feature ensures air is distributed evenly throughout your room by automatically adjusting both vertical and horizontal louvers. This means consistent, all-round comfort—eliminating hot and cold spots so everyone, no matter where they're sitting, enjoys the perfect temperature.

Sleep Soundly with Sleep Mode

SERENE's Sleep Mode gradually adjusts the temperature overnight—warming or cooling by 1°C every hour for the first two hours, then holding steady for 7 hours before turning off automatically. It's designed to reduce energy use while keeping you comfortable all night long.

Comfort that Saves Energy

SERENE's ECO Mode maintains your ideal temperature while using up to 65% less energy for up to 8 hours, helping you stay comfortable and save on power.

Fast Comfort, On Demand

In a rush to cool down or warm up?
SERENE's Boost Mode kicks in for a fast burst of power—getting you comfy, faster.

Comfort that Stays with you.

SERENE's Follow Me feature uses the remote control to sense the temperature where you are, not just at the unit—keeping you comfortable no matter where you are in the room.

Control your Comfort your way.

With SERENE, you're in control—whether it's with the easy-to-use wireless remote, the sleek wired wall controller with built-in Wi-Fi, or the Easy Connect app on your smartphone. Adjust your comfort from the couch, the wall, or even while you're away from home.

SERENE

Smart, Stylish, and Always Comfortable.

Specification Tables

Features	
Inverter Rotary Compressor	I-Clean Feature
Powder Coated Panels - Outdoor	Boost Mode
Hydrophilic Gold Coating Indoor & Outdoor Coils	Eco Mode
Self-Diagnosis & Auto Protection	Follow Me
Fire Proof Electrical Box - Indoor & Outdoor	Dry Mode
Super Ionizer Technology	Sleep Mode
UVC Light Technology	3D Airflow
Built-In Wi-Fi	Demand Response Ready

Controls

Features	WC-03	RC-02
Colour Options	White	White
Touch Screen	×	×
Onboard Temperature Sensor	✓	×
Independent Louvre Control	✓	×
Turbo Mode	✓	✓
Auto Heat / Cool Change Over	✓	✓
Error Code Display	✓	×
24 Hour Timer	✓	✓
7 Day Scheduling	✓	×
Boost / Turbo Mode	✓	✓
Eco Mode	✓	✓
Dry Mode	✓	×
Follow Me	✓	✓
Gear Mode	✓	✓
3D Airflow	✓	✓
Memory for Auto Restart after Power Failure	✓	×
Set Temperature Lock	✓	×
Child Lock	✓	✓
i-Clean	✓	×
Built In Wi-Fi	✓	×
Mobile App Connectivity	✓	×

Legend:

✓ = Available × = Not Available

Foot Notes

[1] Measured and tested in accordance with AS/NZS 3823.1.4. Rated Load Amps shown above is based on MEPS representative outdoor and indoor unit combinations.
[2] At 27°C DB / 19°C WB entering air temperatures and 35°C ambient.
[3] At 20°C DB entering air temperature and 7°C DB / 6°C WB ambient.
[4] Input power includes indoor fan kW.
[5] Outdoor sound pressure level is determined in an anechoic chamber and may differ once the unit is installed due to environment conditions.
[6] Determination of Sound Power Levels of Noise Sources per AS1217.2.
[7] Full Load Amps (FLA) shown above is based on maximum possible outdoor and indoor unit combinations. FLA are based on compressor and fan motors' maximum expected current. Final FLA will based on installed combination. See wiring section of installation guide for more details.
[8] Rated Load Amps shown above is based on MEPS representative outdoor and indoor unit combinations. Rated Load Amps are measured and tested in accordance with AS/NZS3823.1.4.
[9] Based on FLA of largest possible outdoor and indoor combination. See specifications sheet for cable size details.

Important Notes:

- The Local Electricity 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
- Easy Connect App will need to be downloaded from the Google Playstore or IOS App Store prior to the pairing process.

Disclaimer

Specifications and product details are subject to change without notice. The manufacturer reserves the right to update or modify features, dimensions, or performance at any time due to ongoing improvements or technological advancements.

Warranty:

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

SERENE

Effortless Comfort, Every Day.

Specification Tables

Technical Specifications								
Model	Outdoor	WRC-026DS	WRC-035DS	WRC-050DS	WRC-060DS	WRC-072DS	WRC-080DS	WRC-090DS
	Indoor	WRE-026DS	WRE-035DS	WRE-050DS	WRE-060DS	WRE-072DS	WRE-080DS	WRE-090DS
Operating Capacity	(1)(2) Cooling Capacity (kW)	2.63	3.50	5.05	6.00	7.20	8.00	9.00
	(1)(2) Cooling Capacity Range (kW)	1.00 ~ 3.83	0.94 ~ 3.90	1.74 ~ 6.39	1.40 ~ 6.39	3.25 ~ 8.56	3.25 ~ 8.56	3.22 ~ 9.38
	(1)(3) Heating Capacity (kW)	2.70	3.90	6.00	6.60	8.20	9.00	9.80
	(1)(3) Heating Capacity Range (kW)	1.14 ~ 3.95	0.97 ~ 4.34	1.95 ~ 6.90	1.95 ~ 6.90	2.08 ~ 9.20	2.08 ~ 9.20	2.78 ~ 9.96
Electrical Characteristics	(1)(4) Cooling Input Power (kW)	0.487	0.750	1.170	1.575	1.994	2.375	2.550
	(1)(4) Heating Input Power (kW)	0.499	0.851	1.490	1.760	2.080	2.430	2.640
	Standby Power (w)	0.44	0.60	0.60	0.60	0.50	0.50	0.45
Efficiency	(1)(2) EER / AEER	5.4004 / 5.3804	4.6667 / 4.6541	4.3162 / 4.3088	3.8095 / 3.8046	3.6108 / 3.6078	3.3684 / 3.3660	3.5294 / 3.5273
	(1)(3) COP / ACOP	5.4108 / 5.3947	4.5828 / 4.5719	4.0268 / 4.0214	3.7500 / 3.7457	3.9423 / 3.9391	3.7037 / 3.7011	3.7121 / 3.7100
	TCSPF Residential (Hot / Avg. / Cold)	8.979 / 8.260 / 8.711	8.039 / 7.520 / 8.046	7.509 / 6.934 / 7.398	6.572 / 6.224 / 6.642	6.009 / 5.717 / 6.108	5.691 / 5.443 / 5.840	5.734 / 5.535 / 5.898
	HSPF Residential (Hot / Avg. / Cold)	5.831 / 5.442 / 5.002	5.706 / 5.011 / 4.502	5.529 / 4.640 / 4.007	5.539 / 4.505 / 3.808	5.276 / 4.508 / 3.935	5.197 / 4.331 / 3.711	5.118 / 4.247 / 3.600
Power Supply		220 - 240V / 1Ph / 50Hz						
Interconnecting Wire (mm^2)		1.5 x 4						
(7) Maximum Running Current (Full Load Amps)		10.0	10.5	15.5	15.5	17.5	17.5	18.0
(8) Rated Load Amps	Cooling	2.1	3.4	5.4	7.2	8.9	10.4	11.6
	Heating	2.2	3.8	6.9	7.6	10.2	11.1	12.0
(9) Circuit Breaker (A)		10	16	16	16	20	20	20
IP Rating	Outdoor	IPX4						
	Indoor	IPX0						
Indoor Unit Dimensions	Height (mm)	295	295	319	319	370	370	370
	Width (mm)	795	795	965	965	1140	1140	1140
	Depth (mm)	225	225	239	239	275	275	275
Indoor Weight	Net (kg)	10	10	11.8	11.8	17.2	17.2	18.9
Airflow Volume	Turbo (l/s)	233	206	292	292	458	458	417
	High (l/s)	161	150	229	229	432	432	342
	Medium (l/s)	115	115	169	169	313	313	267
	Low (l/s)	92	92	137	137	257	257	233
	Silence (l/s)	88	88	83	83	146	146	167
Moisture Removal	(l/hr)	1.10	1.38	1.37	2.19	1.70	1.70	2.61
Indoor Sound Pressure @1m	High (dB(A))	47.5	48	48.5	48.5	50	51	51
	Low (dB(A))	19	20	27	27	26	26	24.5
Outdoor Unit Dimensions	Height (mm)	555	554	673	673	673	673	810
	Width (mm)	765	805	890	890	890	890	946
	Depth (mm)	303	330	342	342	342	342	410
Outdoor Weight	Net (kg)	29.4	31.8	42.3	42.3	43.8	43.8	60.3
Compressor Type		Inverter Single Rotary						
Refrigerant Type		R32						
Pre-Charge	Amount (g)	0.850	0.900	1200	1200	1400	1400	2200
	Length (m)	15	15	15	15	15	15	15
Connections	Connection Type	Flared						
	Liquid	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35
	Gas	Ø9.52	Ø9.52	Ø12.7	Ø12.7	Ø15.88	Ø15.88	Ø15.88
Maximum Piping	Length (m)	25	25	30	30	50	50	50
	Height (m)	10	10	20	20	25	25	25
Minimum Piping	Length (m)	3	3	3	3	3	3	3
(5) Outdoor Sound Pressure Level @ 1m dB(A)		55	55	59	59	61	61	61
(6) Outdoor Sound Power Level dB(A)		63.7	60	65.8	66.2	67	67	69.7
Operating Range	Cooling °C	-15 ~ 50°						
	Heating °C	-20 ~ 24°						
	Dry °C	0 ~ 50°						
Controller Supplied in Box		RC-02						
Available Control Options (Sold Separately)		WC-03						