

ASPIRE

Perfect solution for tight spaces

Fits Where Others Can't Make every millimetre count

Not all homes have generous ceiling space—but that shouldn't limit your comfort. ASPIRE's compact indoor unit is designed to fit into spaces as low as 245mm, making it a perfect solution for modern homes, townhouses, or renovations where ceiling room is tight. Now you can enjoy ducted comfort without compromising on space or design.

Breathe easier with a system that looks after itself

With ASPIRE's built-in i-Clean Self-Cleaning Technology, you get cleaner, healthier air while reducing the need for frequent servicing. The system actively removes dust and debris from the indoor unit, helping improve indoor air quality and system efficiency—so your family breathes fresher air every day.

Personalised Comfort in Every Room

Only heat or cool the rooms you're using. When paired with the NEXUS Touch Controller, ASPIRE lets you divide your home into personalised zones—each with its own temperature control. Enjoy customised comfort in every room, reduce energy use, and save on running costs.



Designed for Aussie Conditions

Built to handle our country's toughest weather extremes, ASPIRE delivers reliable comfort from -20°C to 50°C.



Smarter Indoor Design

The indoor unit can be installed horizontally or vertically, offering more flexibility to achieve a perfect fit.



Comfort that Adapts with you

ASPIRE intelligently adjusts its airflow in real-time to respond to changes in your home, delivering consistent comfort.



Specification Tables

Technical Specifications						
Model	Outdoor	LRC-071DS	URC-100DS	URC-125DS	URC-140DS	LRC-170DS
	Indoor	LRE-071DS	LRE-100DS	LRE-125DS	LRE-140DS	LRE-170DS
Operating Capacity	⁽¹⁾⁽²⁾ Cooling Capacity (kW)	7.30	10.20	12.60	14.00	17.00
	⁽¹⁾⁽²⁾ Cooling Capacity Range (kW)	0.85 ~ 9.09	2.30 ~ 11.61	3.15 ~ 17.00	3.45 ~ 17.29	3.60 ~ 19.34
	⁽¹⁾⁽³⁾ Heating Capacity (kW)	7.50	12.00	14.50	15.50	18.00
	⁽¹⁾⁽³⁾ Heating Capacity Range (kW)	2.33 ~ 10.26	2.70 ~ 12.90	3.22 ~ 18.70	3.31 ~ 19.64	3.90 ~ 19.64
Electrical Characteristics	⁽¹⁾⁽⁴⁾ Cooling Input Power (kW)	2.139	3.05	3.765	4.13	5.10
	⁽¹⁾⁽⁴⁾ Heating Input Power (kW)	1.842	3.00	3.55	3.82	4.56
	Standby Power (w)	4.20	10.80	9.00	9.60	9.40
Efficiency	⁽¹⁾⁽²⁾ EER / AEER	3.413 / 3.390	3.344 / 3.305	3.347 / 3.320	3.390 / 3.363	3.333 / 3.313
	⁽¹⁾⁽³⁾ COP / ACOP	4.072 / 4.041	4.000 / 3.952	4.085 / 4.050	4.058 / 4.023	3.947 / 3.920
	TCSPF Residential (Hot / Avg. / Cold)	6.080 / 5.510 / 5.848	5.615 / 5.003 / 5.185	5.813 / 5.240 / 5.503	5.827 / 5.280 / 5.552	5.550 / 5.085 / 5.341
	HSPF Residential (Hot / Avg. / Cold)	5.158 / 4.501 / 4.045	5.051 / 4.346 / 3.717	5.110 / 4.515 / 4.022	5.128 / 4.486 / 4.000	5.005 / 4.317 / 3.720
Power Supply		220 - 240V / 1Ph / 50Hz				
Interconnecting Wire (mm ²)		1.0 x 4	1.0 x 4	1.5 x 4	1.5 x 4	1.5 x 4
⁽⁷⁾ Maximum Running Current (Full Load Amps)		16	21	34	31	31
⁽⁸⁾ Rated Load Amps	Cooling	9.3	13.5	16.6	18.3	22
	Heating	8.2	13.5	15.4	17.2	20
⁽⁹⁾ Circuit Breaker (A)		20	25	40	32	32
IP Rating	Outdoor	IPX0				
	Indoor	IPX4				
Indoor Unit Dimensions	Height (mm)	245	245	300	300	380
	Width (mm)	1000	1200	1200	1200	1400
	Depth (mm)	750	750	750	750	870
Indoor Weight	Net (kg)	31.5	40.5	45	45	67
Spigot Dimension	Supply - W x H (mm)	827 x 178	1027 x 178	1027 x 233	1027 x 233	1152 x 295
	Return (Under) - W x H (mm)	892 x 212	1092 x 212	1092 x 267	1092 x 267	n/a
	Return (Rear) - W x H (mm)	892 x 212	1092 x 212	1092 x 267	1092 x 267	2 x 400 (oval)
Airflow Volume	Turbo (l/s)	472	639	944	944	1111
	High (l/s)	417	556	806	806	1000
	Medium (l/s)	361	500	694	694	833
	Low (l/s)	278	417	528	528	667
	Silence (l/s)	194	139	194	194	278
External Static Pressure	Range (Pa)	0 ~ 160	0 ~ 160	0 ~ 200	0 ~ 200	0 ~ 200
Drainage Water Pipe Diameter (mm)		OD Ø25mm				
Outdoor Unit Dimensions	Height (mm)	673	810	975	1333	1333
	Width (mm)	890	946	980	952	952
	Depth (mm)	342	410	415	415	415
Outdoor Weight	Net (kg)	44.0	75.2	89.0	93.0	94.0
Compressor Type		Inverter Single Rotary				
Refrigerant Type		R32				
Pre-Charge	Amount (g)	1500	2600	3500	3600	3800
	Length (m)	20	20	20	20	20
Connections	Connection Type	Flared				
	Liquid	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52
	Gas	Ø15.90	Ø15.90	Ø15.90	Ø15.90	Ø19.0
Maximum Piping	Length (m)	50	75	75	75	75
	Height (m)	25	30	30	30	30
Minimum Piping	Length (m)	3	3	3	3	3
⁽⁵⁾ Outdoor Sound Pressure Level @ 1m dB(A)		61	62	64	63.5	63
⁽⁶⁾ Outdoor Sound Power Level dB(A)		66	68	70	75	71
Operating Range	Cooling °C	-15 ~ 50°				
	Heating °C	-20 ~ 24°				
	Dry °C	0 ~ 50°				
Available Control Options (Sold Separately)		WC-03 WTC-01 RC-02				



Specification Tables

Features	
Inverter Single Rotary Compressor	2-Way Indoor Unit Installation (Vertical & Horizontal)
Powder Coated Panels - Outdoor	Splittable Indoor Unit - 17kW Unit Only
Hydrophilic Gold Coating Indoor & Outdoor Coils	Rear & Bottom Air Intake Options
Self-Diagnosis & Auto Protection	I-Clean Feature
Fire Proof Electrical Box - Indoor & Outdoor	Real Time Constant Airflow
Return Air Sensor Included in Unit	Dry Mode
Incorporated Drain Pump with 1000mm lift	Eco Mode
Left or Right Hand Drain Connection	Demand Response Ready

Controls



Features	NEXUS TOUCH	WC-03	RC-02
Colour Options	White	White	White
Touch Screen	✓	✗	✗
Onboard Temperature Sensor	✓	✓	✗
Optional Remote Sensor	✓	✗	✗
Set Point Displayed	✓	✗	✗
Auto Heat / Cool Change Over	✓	✓	✓
Error Code Display	✓	✓	✗
24 Hour Timer	✓	✓	✓
7 Day Scheduling	✓	✓	✗
Turbo Mode	✓	✓	✓
Eco Mode	✓	✓	✓
Dry Mode	✓	✓	✗
Dual Control Capability - Optional (Using Mimic Logic)	✓	✓	✗
Filter Clean Reminder	✓	✓	✗
Memory for Auto Restart after Power Failure	✓	✓	✗
Zoning Capabilities	✓	✗	✗
Damper Settings	✓	✗	✗
Set Temperature Lock	✓	✓	✗
Child Lock	✓	✓	✗
Self Clean	✓	✓	✗
In Built Wi-Fi	✓	✓	✗
OTA (Over The Air Updates)	✓	✗	✗
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 be 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 net values.
- Specifications subject to change without notice.
- EasyConnect 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

