

Technical Specifications

Wall Hung Split System - Single Phase (2.65 - 8.50kW)

Technical Information						
OUTDOOR MODEL		WRC-026CS	WRC-035CS	WRC-050CS	WRC-072CS	WRC-085CS
INDOOR MODEL		WRE-026CS	WRE-035CS	WRE-050CS	WRE-072CS	WRE-085CS
Nett (Rated) Capacity (kW) (AS/NZS3823.1.1)	Cooling (min - max)	2.65 (1.00 - 3.50)	3.50 (1.50 - 4.90)	5.00 (2.10 - 7.20)	7.20 (2.95 - 9.00)	8.50 (3.60 - 9.60)
	Heating (min - max)	2.75 (1.40 - 4.00)	3.70 (1.80 - 5.10)	5.00 (2.50 - 7.80)	8.00 (3.50 - 9.50)	9.45 (3.55 - 11.00)
Input Power (kW) (AS/NZS3823.1.1)	Cooling Rated	0.45	0.73	1.17	1.90	2.40
	Heating Rated	0.49	0.77	1.16	2.05	2.52
¹ EER Rated (AS/NZS3823.1.1)	Cooling Rated	5.89	4.79	4.27	3.79	3.54
² COP Rated (AS/NZS3823.1.1)	Heating Rated	5.61	4.81	4.31	3.90	3.75
Star Rating (AS/NZS3823.1.1) Hot/Average/Cold	Cooling	7★ / 6.5★ / 7★	5.5★ / 5★ / 5.5★	5★ / 4.5★ / 5★	4★ / 3.5★ / 4★	3.5★ / 3.5★ / 3.5★
	Heating	4★ / 3.5★ / 3★	4★ / 3.5★ / 2.5★	3.5★ / 2.5★ / 2★	3.5★ / 2.5★ / 1.5★	3.5★ / 1.5★ / 1★
Power Supply - (V / Ph / Hz)	Outdoor	220 - 240 V / 1Ph+N / 50Hz				
Rated Load Amps (AS/NZS3823.1.1)	Cooling	2.0	3.2	5.2	8.5	10.5
	Heating	2.2	3.4	5.3	9.0	11.3
Full Load Amps (AS/NZS3823.1.1)		7.0	7.6	8.4	14.0	15.9
Circuit Breaker Amps		10.0	10.0	10.0	16.0	20.0
Suggested Minimum Mains Cable Size		1.0mm ²		1.5mm ²	2.5mm ²	4.0mm ²
Suggested Minimum Indoor to Outdoor Cable Size & Type	Size	1.0mm ²		1.5mm ²		
	Type	3 Core + Earth				
IP Rating	Outdoor	IP24				
	Indoor	IP20				
Moisture Removal (L/hr)		1.6	1.7	2.6	2.3	3.5
Compressor		Inverter Rotary				
Refrigerant		R-32				
Airflow Range Indoor (l/s)	Boost	250		240	370	
	High	180		201	320	
	Medium	120		172	230	
	Low	100		120	190	
Outdoor Dimensions (mm)	Depth	333		342		
	Height	554		673		
	Width	805		890		
Indoor Dimensions (mm)	Depth	225		239	275	
	Height	295		315	370	
	Width	795		965	1140	
Nominal Weight (kgs)	Outdoor	32.2	32.1	38.4	43.3	43.3
	Indoor	10.3	10.3	12.3	19.7	19.7
⁴ Indoor Sound Pressure Level (dBA)	(SI/Low / Med / High)	24 / 30 / 32 / 38		26 / 30 / 34 / 40	32 / 36 / 42 / 47	
⁴ Outdoor Sound Pressure Level (dBA) 1m		52		58	60	61
⁵ Outdoor Sound Power Level (dBA)		57	58	67	69	
Outdoor Operating Range (°C)	Cooling	-15°C to 60°C				
	Heating	-25°C to 30°C				
MEPS Certified		Yes				

Foot Notes 1-6

- EER Rated = Energy Efficiency Ratio (Rated Capacity Cooling / Rated Input Cooling).
- COP Rated = Coefficient of Performance (Rated Capacity Heating / Rated Input Heating).
- Refer to AS/NZS 3000 "Australian/New Zealand Wiring Rules" for more details.
- Sound pressure levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions.
- Measured based on EN 12102-1, Determination of the sound power level for Air conditioners.
- When Demand Response option is chosen, the air conditioner will be fully compliant with AS4755.3 in the following modes: DRM 1, 2, 3.

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.

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

Features						
OUTDOOR MODEL	WRC-026CS	WRC-035CS	WRC-050CS	WRC-072CS	WRC-085CS	
INDOOR MODEL	WRE-026CS	WRE-035CS	WRE-050CS	WRE-072CS	WRE-085CS	
Self Clean Function						Yes
Timer On/Off						Yes
7-Day Scheduler / Weekly timer						Optional
Dehumidification						Yes
Multi Directional Airflow	Up - Down				Automatic	
	Left - Right				Automatic	
Hydrophilic Aluminium Coil Protection	Indoor				Yes	
	Outdoor				Yes	
Louvre Memory						Yes
⁶ Demand Response						Ready
Indoor Fan Speed						12-Speed
Outdoor Fan Speed						5-Speed
Quiet Mode						Yes
Auto Restart After Power Failure						Yes
Fault Alarm Output Port						Optional
Third party inputs						Optional
Remote On/Off						Optional
Left-Right Hand Drain Connection						Yes
Mute Operation						Yes

Field Piping and Connections						
Refrigerant	Factory Charge - (g)	900	900	1100	1500	1500
	Pre-Charge Length - (m)	15	15	15	15	15
	Additional Refrigerant Charge - (g/m)	12	12	12	24	24
Minimum Field Pipe Length - (m)	3		3	3	3	3
Maximum Field Pipe Length - (m)	25		25	30	50	50
Maximum Vertical	10		10	20	25	25
Field Pipe Size	Liquid Pipe - mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
	Gas Pipe - mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.9 (5/8)	15.9 (5/8)
Outdoor Unit	Liquid Pipe - mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
	Gas Pipe - mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.9 (5/8)	15.9 (5/8)
Indoor Unit	Liquid Pipe - mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
	Gas Pipe - mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.9 (5/8)	15.9 (5/8)
Wiring Method	Hardwire to Outdoor					
Interconnect Cables	3 Core + Earth					

