

Air Conditioning

Multi-Head Pro 12.6kW



Features

- Wide range of installation options: Connect 1 to 5 indoor units.
- Easy to install compact outdoor unit.
- No welding or brazing needed – refrigerant piping with flared connections.
- Smart automatic temperature control.
- Features Sleep and Quiet modes for peaceful evenings.
- Eco mode reduces power consumption by up to 30%.

Designed by Emerald - proudly Australian-owned since 2006 - this Air Conditioning Multi-Head Pro 12.6kW system is built for Australia's varied climate conditions. It features Golden Fin technology that doubles anti-corrosion protection, ensuring long-term durability and performance. It supports a broad temperature spectrum and functions efficiently within a voltage range of 170V to 270V. Featuring high speed DC dual-rotor technology, it operates quietly and efficiently, making it suitable for both residential and commercial use.

The unit is designed for flexible installation, offering extensive refrigerant piping lengths and robust insect protection.

Specifications

Outdoor unit				
Emerald model				ACR126U
Max connected indoor unit				5
Performance				
Power supply		Outdoor	Phase/V/Hz	1/220-240/50
Max current			A	32
Cooling	Capacity	Nominal	kW	12.6
		min~max	kW	3.8~15.3
	Input	Nominal	kW	3.50
	Current	Nominal	A	15.5
EER/AEER		Nominal	W/W	3.60/3.54
Heating	Capacity	Nominal	kW	14.5
		min~max	kW	3.3~17.2
	Input	Nominal	kW	3.6
	Current	Nominal	A	16.4
COP/ACOP		Nominal	W/W	4.03/3.97
Noise level		Sound Power	dB(A)	75
Guaranteed operating range		Cooling	°C	-15~48
		Heating	°C	-15~24
Dimensions and weight				
Net dimension (WxHxD)			mm	950×1050×340
Net weight			kg	90
Package dimension (WxHxD)			mm	1110×1200×460
Gross weight			kg	102
Technical information				
Piping connections	Diameter (liquid)		mm (inch)	6.35(1/4)×5
	Diameter (gas)		mm (inch)	9.52(3/8)×5
	Max length (each)		m	25
	Max length (total)		m	80
	Max Height-indoor to outdoor		m	15
Refrigerant	Type		-	R32
	GWP		-	675
	Pre-charged		g	3000
	Pre-charged pipe length (total)		m	35
	Additional refrigerant		g/m	12g/m over 35m

Indoor unit				
Emerald model		ACR25W	ACR53W	ACR71W
Cooling capacity	k	2.5	5.3	7.1
Heating capacity	KW	3.1	5.4	7.2
Power supply	V/Hz/phase	220-240/50/1~	220-240/50/1~	220-240/50/1~
Air flow (H)	l/s	172	264	333
Noise level (sound power)	dB(A)	59	62	65
Noise level (sound pressure)	dB(A) (Max/Min)	39/25	44/32	48/35
Net Dimension (WxHxD)	mm	815×270×212	915×315×235	1085×315×235
Package Dimension (WxHxD)	mm	870×335×265	1000×390×315	1170×390×315
Net Weight	kg	8.5	12.5	13.5
Gross Weight	kg	11	14.5	16
Diameter (liquid)	mm	Φ6.35 (1/4")	Φ6.35 (1/4")	Φ6.35 (1/4")
Diameter (gas)	mm	Φ9.52 (3/8")	Φ12.7 (1/2")	Φ12.7 (1/2")
Drain	mm	Φ15	Φ15	Φ15