

Cooling

17,500 Btu/h – 30,000 Btu/h
5.13 kW – 8.79 kW

Heating

18,500 Btu/h – 31,000 Btu/h
5.42 kW – 9.09 kW



Ceiling Exposed E Series

A5CM 20/25/28 ER

Ceiling and floor installation option

The E series is designed with the option to install either below the ceiling or on the floor.

Automatic air swing

Automatic air swing enables the air to be evenly distributed. The louver swings up and down and is motor driven.

Flexible installation

The unit is designed to work with a high pressure head drain pump (optional) offering flexibility of installation.

Ease of maintenance

The washable filter can be easily accessed by pulling down the intake grill. For service or repair, only the bottom panel needs to be removed to access the following:

- Fan motor
- Blower
- Wiring connection
- Control box
- Piping connection

R410a refrigerant

Higher volumetric capacity results in an increased COP when compared to R407C and provides for smaller indoor fan coils and outdoor condensing units by comparison.

Netware Interface Module (NIM)

The E series is able to communicate with the versatile NIM networking control module and offers the opportunity of one centralised control for a system of multiple indoor units.

(More information on page 26)

Turbo mode

Once turbo mode is activated the air conditioning unit will run on full power with the indoor fan running at high speed for 20 minutes. This enables the required set temperature to be achieved in a short time.



G12 Wireless
(Standard)



Netware III
(Option)



SLM Wired
(Option)



AC-5300 Wireless
(Option for use with
SLM & Netware III)

R410A

Ceiling Exposed E Series Specifications R410A

MODELS				INDOOR UNIT	A5CM20E*	A5CM25ER*	A5CM28ER*	A5CM28CR	A5CM28ER*	
				OUTDOOR UNIT	A5LC20CR	A5LC25CR	A5LC28CR	A5LC28CR	A5LC35CR	
Nominal Cooling Capacity				W	5130	6150	7900		8790	
				Btu/h	17500	21000	27000		30000	
Nominal Heating Capacity				W	5420	6450	8050		9090	
				Btu/h	18500	22000	27500		31000	
Rated Total Power Consumption (Cooling)				W	1723	1951	2754		2784	
Rated Total Power Consumption (Heating)				W	1493	1935	2455		2634	
Rated Total Running Current (Cooling)				A	7.6	8.7	13.0		5.3	
Rated Total Running Current (Heating)				A	6.6	8.7	11.8		5.0	
Power Source				V/Ph/Hz	230 / 1 / 50			380 - 415 / 3 / 50		
Refrigerant / Control				R410a Capillary Tube (Outdoor)				R410a Cap. Tube & TXV (Outdoor)		
INDOOR UNIT										
Fan		Airflow		High	cfm/L/s	520 / 245	580 / 274		620 / 293	
				Medium	cfm/L/s	460 / 217	530 / 250		570 / 269	
				Low	cfm/L/s	406 / 192	490 / 231		520 / 245	
Fan Motor				4 Poles 50W		4 Poles 65W		4 Poles 70W		
Dimension		Height		mm/in				218 / 8.58		
		Width		mm/in				1080 / 42.52		
		Depth		mm/in				630 / 24.80		
Weight				kg/lb		27.0 / 60.0		28.0 / 62.0		
Sound Pressure Level (H/M/L)				dBa		48 / 46 / 43		50 / 47 / 46		
Control		Room Temperature		Microcomputer Controlled Thermostat						
		Air Discharge		Automatic Louver (Up & Down)						
		Operation		Wireless or Wired LCD Remote Control						
Condensate Drain Size				mm/in		19.05 / 3/4				
Air Filter				Washable Saranet						
OUTDOOR UNIT										
Comp.		Compressor Type		Rotary Hermetic				Scroll		
		Capacitor	uF	50	50	45		N/a		
		Protection Device		Overload Protection				O.L.P & Phase Protect & Auto Res HP/LP		
Dimension		Height		mm/in		648 / 25.5		750 / 29.5		850 / 33.5
		Width		mm/in				855 / 33.7		1030 / 40.6
		Depth		mm/in				328 / 12.9		400 / 15.6
Weight				kg		59 / 130.1		62 / 136.7		68 / 149.9
Sound Pressure Level				dBa		52		54		58
Pipe		Type		Flare Valve						
		Size	Liquid	mm/in		6.35 / 1/4		9.52 / 3/8		
Gas	mm/in		12.7 / 1/2		15.88 / 5/8					
Refrigerant Charge				kg / lb		1.40 / 3.09		1.75 / 3.86		1.80 / 3.97
								1.80 / 3.97		1.90 / 4.19

- All specifications are subject to change by the manufacturer without prior notice
- All units are tested and comply with ISO 5151.
- Nominal cooling and heating capacities are based on the conditions below:
 - Cooling: +27°C DB / +19°C WB indoor and +35°C DB / +24°C WB Outdoor
 - Heating: +20°C DB / +15°C WB indoor and +7°C DB / +6°C WB Outdoor
- Sound pressure levels are according to the JIS B 8615 standard.
Position of the measurement point is 1.0 m in front and 1.0 m below the unit.



*These units can be twinned, please refer to the price list for multi-split options.



A5LC 20/25/28 CR
(Outdoor Unit)



A5LC 35 CR
(Outdoor Unit)