

Ceiling Cassette C Series

A5CK 10/15/20 CR

Compact design

The Acon C series cassette has compact dimensions of 570mm x 570mm. The unit occupies a smaller space and easily fits into a standard 600mm ceiling tile.

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 C 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)

Self diagnosis

Both indoor and outdoor LED error code indicators help to simplify the trouble shooting process. If a fault is detected during normal operation, the detect code will indicate the cause.

Four way air discharge and air swing

Four way air discharge ensures better air distribution and circulation.

Auto mode

Auto mode allows the setting to change automatically between cool and heat mode depending on the room temperature and the set temperature required.

Slim & stylish panel

The slim panel can be blended easily into any interior decoration and design.

Built-in high head drain pump

The unit comes with a built in 700mm high head drain pump. A safety float is incorporated in the drain pump to monitor its water level.



G8 Wireless
(Standard)



Netware III
(Option)



SLM Wired
(Option)



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

R410A

Cooling

9,500 Btu/h – 17,500 Btu/h
2.78 kW – 5.13 kW

Heating

9,500 Btu/h – 17,500 Btu/h
2.78 kW – 5.13 kW



Ceiling Cassette C Series Specifications R410A

MODELS	INDOOR UNIT	A5CK10CR	A5CK15CR	A5CK20CR*
	OUTDOOR UNIT	A5LC10CR	A5LC15CR	A5LC20CR
Nominal Cooling Capacity	W	2782	3661	5129
	Btu/h	9500	12500	17500
Nominal Heating Capacity	W	2782	3368	5129
	Btu/h	9500	11500	17500
Rated Total Power Consumption (Cooling)	W	900	1300	1692
Rated Total Power Consumption (Heating)	W	830	1020	1711
Rated Total Running Current (Cooling)	A	4	5.9	7.5
Rated Total Running Current (Heating)	A	3.7	4.6	7.1
Power Source	V/Ph/Hz	230 / 1 / 50		
Refrigerant / Control		R410a Capillary Tube (Outdoor)		
INDOOR UNIT				
Fan	Airflow	High	cfm/L/s	400 / 189
	Fan Motor			6 Poles 16W
Dimension (With Panel)	Height		mm/in	250 (295) / 9.8 (11.6)
	Width		mm/in	570 (640) / 22.4 (25.2)
	Depth		mm/in	571 (640) / 22.4 (25.2)
Weight (Unit + Panel)		kg/lb	22 + 2 / 48.5 + 4.4	23 + 2 / 50.7 + 4.4
Sound Pressure Level (H/M/L)		dBa	44 / 43 / 42	44 / 42 / 41
Control	Room Temperature		Microcomputer Controlled Thermostat	
	Air Discharge		4 Way 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	
	Capacitor	uF	25	30
	Protection Device		Overload Protection	
Dimension	Height	mm/in	540 / 21.3	648 / 25.5
	Width	mm/in	700 / 27.6	855 / 33.7
	Depth	mm/in	250 / 9.8	328 / 12.9
Weight		kg	33 / 72.75	35 / 77.16
Sound Pressure Level		dBa	46	49
Pipe	Type		Flare Valve	
	Size	Liquid	mm/in	6.35 / 1/4
		Gas	mm/in	9.52 / 3/8
Refrigerant Charge		kg / lb	0.71 / 1.57	0.94 / 2.07

- 1) All specifications are subject to change by the manufacturer without prior notice
- 2) All units are tested and comply with ISO 5151.
- 3) Nominal cooling and heating capacities are based on the conditions below:
 - a) Cooling: +27°C DB / +19°C WB indoor and +35°C DB / +24°C WB Outdoor
 - b) Heating: +20°C DB / +15°C WB indoor and +7°C DB / +6°C WB Outdoor
- 4) 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 10/15 CR
(Outdoor Unit)



A5LC 20 CR
(Outdoor Unit)