

Ceiling Exposed D Series

R5CM 40/50DR & R5CM 62 CR

Ceiling and floor installation option

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

Two way air discharge

Equipped with a two way air discharge to provide excellent air distribution for both cooling and heating.

Automatic air swing

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

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.

Auto random restart

If there is a power failure during operation, the unit automatically restarts at the last setting condition when power is resumed.

Netware Interface Module (NIM)

The D 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)

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.

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.



G8 Wireless
(Standard)



Netware III
(Option)



SLM Wired
(Option)



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

R410A

*R5CM 62 CR ceiling mount only

Cooling

33,000 Btu/h – 55,000 Btu/h
9.67 kW – 16.12 kW

Heating

33,000 Btu/h – 55,000 Btu/h
9.67 kW – 16.12 kW



Ceiling Exposed D Series Specifications R410A

MODELS	INDOOR UNIT		R5CM40DR		R5CM50DR	R5CM62CR
	OUTDOOR UNIT	A5LC35CR	A5LC40CR	A5LC50CR	A5LC61CR	
Nominal Cooling Capacity	W	9671	11283	13335	16119	
	Btu/h	33000	38500	45500	55000	
Nominal Heating Capacity	W	9671	11430	14067	16119	
	Btu/h	33000	39000	48000	55000	
Rated Total Power Consumption (Cooling)	W	3048	3900	5020	6414	
Rated Total Power Consumption (Heating)	W	2848	3450	4720	6349	
Rated Total Running Current (Cooling)	A	5.5	8.5	8.8	9.6	
Rated Total Running Current (Heating)	A	6.4	7.9	8.4	8.4	
Power Source	V/Ph/Hz	380 - 415 / 3 / 50				
Refrigerant / Control	R410a Capillary Tube & TXV (Outdoor)					
INDOOR UNIT						
Fan	Airflow	High	cfm/L/s	1010 / 477	1040 / 491	1550 / 732
		Medium	cfm/L/s	890 / 420	950 / 448	1320 / 623
		Low	cfm/L/s	780 / 368	820 / 387	1000 / 472
	Fan Motor			4 Poles 100W		2 x 4 Poles 80W
Dimension	Height	mm/in	249 / 9.8		285 / 11.2	
	Width	mm/in	1714 / 67.4		1903 / 74.9	
	Depth	mm/in	670 / 26.3		680 / 26.8	
Weight		kg/lb	70 / 154.3		85 / 187.4	
Sound Pressure Level (H/M/L)		dBa	54 / 53 / 52		56 / 53 / 46	
Control	Room Temperature	Microcomputer Controlled Thermostat				
	Air Discharge	Automatic Louver (Up & Down) & Manual Louvre (Bottom)				
	Operation	Wireless LCD Remote Control				
Condensate Drain Size		mm/in	19.05 / 3/4			
Air Filter	Washable Saranet					
OUTDOOR UNIT						
Comp.	Compressor Type	Scroll				
	Capacitor	uF	N/a	N/a	N/a	N/a
	Protection Device	O.L.P & Phase Protection & Auto Reset HP/ LP Pressure Switch				
Dimension	Height	mm/in	850 / 33.46			
	Width	mm/in	1030 / 40.55			
	Depth	mm/in	400 / 15.75		460 / 18.10	
Weight		kg / lb	90 / 209.4	100 / 220.5	105 / 231.5	108 / 238.14
Sound Pressure Level		dBa	58			
Pipe	Type	Flare Valve				
	Size	Liquid	mm/in	9.52 / 3/8		
		Gas	mm/in	15.88 / 5/8		19.05 / 3/4
Refrigerant Charge		kg / lb	1.90 / 4.19	1.95 / 4.30	3.35 / 7.39	3.40 / 7.49

- 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.



A5LC 35/40/50/61 CR
(Outdoor Unit)