

FCQF-A SERIES

Cooling Only

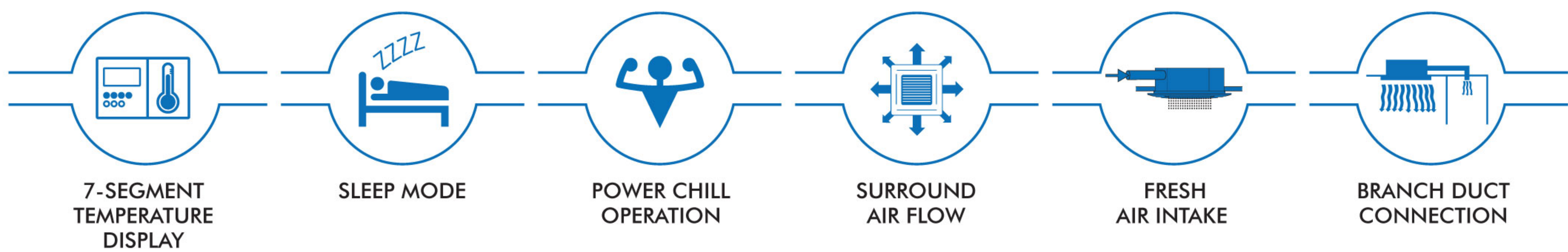


New eight way discharge panel

* Cooling Only



FCQF-A PANEL



FCQF18~48 (COOLING ONLY) ¹	5.3 KW ~ 13.3KW	Cooling
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ACCESSORY REQUIRED FOR INDOOR UNIT

Wireless handset

Standard

ARC91A151 (Cooling Only)

1 TR (Tons of Refrigeration) = 3.517 kW

FEATURES

Main Function	Brief of Function
ON/OFF	To Start/Stop the Unit
Mode	Cool Mode Fan Mode Dry Mode
Temperature	The Default Set Temperature will be 24°C and User can change desired temperature between 18°C to 32°C
Fan Speed	Fan Speed Can be set to "Auto>Low>Low Medium>Medium>Medium High>High"
Power Chill	System will Operate at Maximum Efficiency for Powerful cooling for 20 Minutes .
Swing	Flaps will Start to swing /Stop at a Desired position.
Good Sleep	User Can Prevent Excessive Cooling of room during sleep.
Coanda	Directs airflow upwards.
Econo	This Operation enables efficient operation by limiting the power consumption.
Timer	ON Timer can be set from 1 hour to 12 hours OFF Timer can be set from 1 hour to 9 hours
Display	Display set temperature and error code in 7-Segment display in deco panel
Child Lock	Setting the Childlock disables all the buttons except the child lock .

SPECIFICATIONS (Contd.)

Ceiling Mounted 3 x 3 Cassette Type (Cooling Only)



Model	Indoor		FCQF18ARV16	FCQF24ARV16	FCQF30ARV16	FCQF36ARV16	FCQF42ARV16	FCQF48ARV16	
	Outdoor		RGVF18ASV16	RGVF24ASV16	RGVF30ASV16	RGVF36ASV16	RGVF42ASY16	RGVF48ASY16	
Remote Controller	Wireless	--	ARC91A151						
	Wired	--	NA						
Panel Code	Model Number		BYCQ48EAF6						
Power supply	kW		1 Phase, 230 V, 50 Hz	1 Phase, 230 V, 50 Hz	1 Phase, 230 V, 50 Hz	1 Phase, 230 V, 50 Hz	3 Phase, 415 V, 50 Hz	3 Phase, 415 V, 50 Hz	
Cooling capacity	kW		5.30	7.03	8.79	10.50	12.31	13.36	
Power consumption	Cooling-Rated	Watt	1452	1926	2410	3040	3800	4200	
Annual Power consumption	Cooling-Rated	kwh	1124	1491	1866	2353	NA*	NA*	
ISEER / Stars	Wh/Wh		3.65/3 Star	3.65/3 Star	3.65/3 Star	3.45/2 Star	3.23/*NA	3.18/*NA	
Indoor Unit	Airflow rate (H/HM/M/ML/L)	m ³ /min	(H)23 (HM)21 (M)18.5 (ML)16 (L)13.5	(H)23 (HM)21 (M)18.5 (ML)16 (L)13.5	(H)34.5 (HM)31 (M)27.5 (ML)24 (L)20	(H)34.5 (HM)31 (M)27.5 (ML)24 (L)20	(H)36.5 (HM)33 (M)29 (ML)25 (L)21	(H)36.5 (HM)33 (M)29 (ML)25 (L)21	
		cfm	(H)812 (HM)742 (M)653 (ML)565 (L)477	(H)812 (HM)742 (M)653 (ML)565 (L)477	(H)1218 (HM)1095 (M)971 (ML)848 (L)706	(H)1218 (HM)1095 (M)971 (ML)848 (L)706	(H)1289 (HM)1165 (M)1024 (ML)883 (L)742	(H)1289 (HM)1165 (M)1024 (ML)883 (L)742	
	Sound level (H/HM/M/ML/L)	dB(A)	37/34.5/32/29.5/27.5	37/34.5/32/29.5/27.5	45/41.5/38/35/32.5	45/41.5/38/35/32.5	46/43/40/36/32.5	46/43/40/36/32.5	
	Dimensions Unit (HXWxD)	mm	256x840x840	256x840x840	298x840x840	298x840x840	298x840x840	298x840x840	
	Dimensions Panel (HXWxD)	mm	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	
	Machine weight	Kg	22	22	25	25	25	25	
	Panel weight	kg	5.5	5.5	5.5	5.5	5.5	5.5	
Outdoor Unit	Compressor	Type	--	Rotary	Rotary	Rotary	Rotary	Scroll	
	Refrigerant	--	R-32	R-32	R-32	R-32	R-32	R-32	
	Refrigerant charge R-32	kg	1.09 (Charged For 7.5m)	1.21 (Charged For 7.5m)	2.21 (Charged For 7.5m)	2.64 (Charged For 7.5m)	2.05 (Charged For 7.5m)	2.07 (Charged For 7.5m)	
	Sound level	Cooling	dB(A)	50	56	58	58	58	60
	Dimensions (HXWxD)	mm	595x845x300	595x845x300	990x350x940				
	Machine weight	kg	40	46.5	68	71	74	74	
	Certified operation range	°CDB	19 to 48	19 to 48	19 to 48	19 to 48	19 to 48	19 to 48	
Piping connections	Liquid (Flare)	mm	Ø6.35	Ø6.35	Ø9.5	Ø9.5	Ø9.5	Ø9.5	
	Gas (Flare)	mm	Ø12.7	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	
	Drain	mm	Ø26(Hole)	Ø26(Hole)	Ø26(Hole)	Ø26(Hole)	Ø26(Hole)	Ø26(Hole)	
Std. interunit piping length	m	7.5	7.5	7.5	7.5	7.5	7.5		
Max. interunit piping length	m	20	20	20	20	30	30		
Max. installation level difference	m	10	10	10	10	15	15		

Note:

1. Rated cooling capacities are based on the following conditions: Return air temp.: 27°CDB, 19.0°CWB, Outdoor temp.: 35°CDB, 24°CWB Equiv. ref. piping: 7.5m (Horizontal)
2. Anechoic chamber conversion value, measured under JIS conditions. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

*NA-Star Rating is applicable for 1 Phase Units Upto a rated Capacity of 10,465 Watts as defined by Bureau of Energy Efficiency (BEE), Ministry Of Power.