

FCQF-A SERIES

COOLING ONLY **R-32**

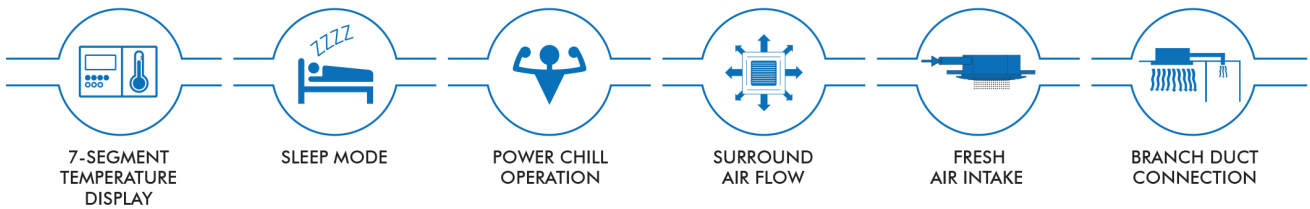
R-32

New eight way discharge panel

Cooling Only



FCQF-A PANEL



FCQF18~42 (COOLING ONLY)¹ 5.3 KW ~ 12.31KW **R-32**

ACCESSORY REQUIRED FOR INDOOR UNIT

Wireless handset

Standard

ARC91A154
(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
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 .

TECHNICAL SPECIFICATIONS-3X3 Cassette Type

R-32

UNIT	PRODUCT CATEGORY		CASSETTE SERIES				
	Product Class	-----	18	24	30	36	42
Nominal Capacity	TR	1.5	2.0	2.5	3.0	3.5	
Rated Capacity	KW	5.30	7.03	8.79	10.50	12.31	
Rated Capacity	BTU/Hr	18000	24000	30000	36000	42000	
Rated Power Input	KW	1.45	1.93	2.41	3.04	3.80	
COP			3.65		3.45	3.24	
Star Applicable (As per KS2463-2019)	-----	3 Star	3 Star	3 Star	2 Star	1 Star	
Operating Range	IDU (DB)°C	19~35					
Operating Range	ODU (DB)°C	19~48					
Model Number	-----	FCQF18ARV1	FCQF24ARV1	FCQF30ARV1	FCQF36ARV1	FCQF42ARV1	
Casing Size	HXWXD(MM)	256X840X840			298X840X840		
Power Supply	V/Hz/Ph	220-240V/50/1ph					
Air Flow Rate (High)	CFM/(H)	812		1218		1288	
Fan Speed	No	5					
Sound Pressure Level (High)	(dBA)	37		45		46	
Net Weight	Kg	22		24			
Piping Connection(Liquid)	mm	6.35(Dia)		9.5(Dia)			
Piping Connection(Gas)	mm	12.7(Dia)	15.9(Dia)				
Drain	mm	32(External Dia)/25(Internal Dia)					
Model Number	-----	BYCQ48EAF					
Casing Color	-----	FRESH WHITE					
Size	mm	50X950X950					
Weight	kg	5.5					
Wireless(Standard)	-----	ARC91A154					
Wired	-----	Not Available					
Model Number	-----	RGVF18ASV1	RGVF24ASV1	RGVF30ASV1	RGVF36ASV1	RGVF42ASV1	
Casing Size (HXWXD)	mm	595X845X300			990X940X320		
Power Supply	V/Hz/Ph	220-240V/50/1ph					
Max Total Pipe Length	Mtr.	20				30	
Max Vertical Pipe Length	Mtr.	10				15	
Std. Pipe Length	Mtr.	7.5					
Sound Pressure Level	(dBA)	54	56	58	63		
Precharge & Service Valve	Yes/No	Yes					
Protection Device	-----	Inbuilt TOP, Comp & Motor				LP/HP/SPPR/UV/OV	
Piping Size (mm)		6.4 (Dia)		9.5(Dia)			
		15.9(Dia)					
Refrigerant Type	-	R-32					
Refrigerant Charge	kg	1.09	1.21	2.21	2.65	2.05	
Compressor Type	Type	Rotary				Scroll	
Accumulator	-----	Part of Compressor				No	
HE Type/Coating	Type	FTHX (Pre Coated)					
Net Weight (Approx)	kg	36	45	63	65	69	
Installation Kit	Yes/No	No					

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.

**Star Rating as per Energy & Petroleum Regulatory Authority (EPRA) Kenya Bureau of Standards (KEBS)

*Due to continuous R&D, Technical Specification, features, Product image may change.