

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.