

FCQ-C8 / RZQ-D/B9W1

Low height round flow cassette



BRC1E51A



BRC7F532F



FCQ100,125,140C8



RZQ100,125,140D

- **Seasonal Inverter technology:** first light commercial range in the market optimized for Seasonal Efficiency. It takes account of multiple cooling and heating temperatures as well as unit operation at partial load instead of just full capacity. It will also consider the power consumed by equipment in auxiliary mode (thermostat off, standby mode, OFF mode)
- **360° air discharge:** ensures uniform air flow and temperature distribution
- **Air discharge from the corners:** avoids dead zones that may be subject to temperature differences
- Comfortable **horizontal air discharge** ensures draught free operation and prevents ceiling soiling
- **BRC1E51A – new wired controller:** allows easy navigation through menu items, via a personalised display and minimal number of buttons. Provides a 7-day schedule timer, enabling the user to program the air conditioning daily or weekly, with up to 5 different actions per day possible
- **Home leave operation:** in case of extended absence, this function helps to save energy and protects from frost
- **User access:** different levels of user access can be selected.
- 23 different air flow patterns possible
- Modern style decoration panel in pure white with grey louvres. Also available in white with white louvres
- **Selfcleaning panel (accessory)** – The round filter in the panel automatically cleans itself once per day. Energy saving up to 30%
- Reduced installation height: 214mm for class 71
- Fresh air intake: standard knockout and optional kit
- Communications, computer and server room cooling possible with EDP setting
- D3 Net connection as standard
- Connection to multi outdoor possible
- Suitable for Twin, Triple and Double Twin applications
- Re-use of existing R22 and R407C piping possible (see R22 Replacement leaflet)



HEAT PUMP				SEASONAL INVERTER							
Indoor Units				FCQ71C8	FCQ100C8		FCQ125C8		FCQ140C8		
Capacity	Cooling capacity	Standard	kW	7.1	10.0		12.5		14.0		
	Heating capacity	Standard	kW	8.0	11.2		14.0		16.0		
Nominal	EER / COP	Cooling / Heating		3.36 / 3.62	3.79 / 3.78	3.79 / 3.57	3.38 / 3.61	3.22 / 3.21	2.74 / 3.27	2.61 / 2.81	
	Annual energy consumption		kWh	1055	1319	1320	1850	1940	2555	2680	
	Energy Label	Cooling / Heating		A / A	A / A	A / B	A / B	A / C	D / C	D / D	
Dimensions	(Height x Width x Depth)		mm	204x840x840		246x840x840					
Weight			kg	21	23						
Air Flow Rate	Cooling	High/Low	m³/min	15.5 / 9.0	23.5 / 16.0		27.5 / 19.0				
	Heating	High/Low	m³/min	16.0 / 9.5	23.5 / 16.0		27.5 / 19.0				
Sound Power	Cooling	High	dB(A)	51	54		58				
Sound Pressure	Cooling	High/Low	dB(A)	33 / 28	37 / 32		41 / 35				
	Heating	High/Low	dB(A)	34 / 28	37 / 32		41 / 35		42 / 35		
Refrigerant			Type	R-410A							
Power Supply				1~/220-240V/50;60Hz							
Decoration Panel	Model	BYCQ140CW1 ¹ / BYCQ140CW1W ² / BYCQ140CGW1 ³									
	Colour	Pure white (RAL 9010)									
	HxWxD	mm	50x950x950 / 50x950x950 / 130x950x950								
	Weight	kg	5.5 / 5.5 / 11.5								
Controller	Wired/Wireless			BRC1E51A (standard) / BRC7F532F (optional)							
Outdoor Unit				RZQ71D3V1	RZQ100D9V1	RZQ100B9W1	RZQ125D9V1	RZQ125B9W1	RZQ140D9V1	RZQ140B9W1	
Dimensions	(Height x Width x Depth)		mm	770x900x320	1345x900x320		1345x900x320		1345x900x320		
Weight			kg	67	108	106	108	106	108	106	
Operation Range	Cooling	Min~Max	°CDB	-15.0~-50.0							
	Heating	Min~Max	°CWB	-20.0~-15.5							
Sound Power	Cooling		dB(A)	64	65	67	66	68	66		
Sound Pressure (Standard)	Cooling		dB(A)	48	50	51	50	51	50		
	Heating		dB(A)	50	52	53	52	53	52		
Sound Level (Night quiet)	Sound Pressure		dB(A)	43	45			46	45		
Refrigerant			Type	R-410A							
Power Supply				1~/220-240V/50Hz	1~/220-240V/50Hz	3N~/400V/50Hz	1~/220-240V/50Hz	3N~/400V/50Hz	1~/220-240V/50Hz	3N~/400V/50Hz	
Piping connections	Liquid (OD)/Gas/Drain	mm	9.52 / 15.9 / 26								
Piping Length (Maximum)			m	50	75						
Max. internut level difference			m	0.5							
Max installation height difference			m	30							

¹ Pure white standard panel with grey louvres; ² Pure white standard panel with white louvres; ³ Pure white auto cleaning panel