

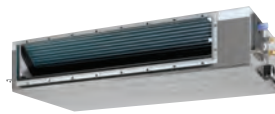


FBQ-C / RZQS-D

Concealed ceiling unit



BRC1E51A



FBQ100, 125, 140C



RZQS100, 125, 140D

- **Comfort Inverter technology:** reduces the power consumption by up to 30% compared to non inverter units and ensures maximum comfort and reliability
- Reduction in power consumption thanks to **DC inverter fans**
- Improved comfort thanks to **3-step air flow control**
- Possibility to change ESP through wired remote control, allows optimisation of the supply air volume
- **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. The function automatically keeps the room temperature at a specified favourite comfort level by switching to heating when it reaches the minimum level and to cooling when it reaches the maximum level
- **User access:** different levels of user access can be selected
- Quiet operation
- Maximum external static pressure (ESP) is 100Pa
- Optional discharge and suction duct flangers available
- 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				COMFORT INVERTER			
Indoor Units				FBQ71C	FBQ100C	FBQ125C	FBQ140C
Capacity	Cooling capacity	Standard	kW	7.1	10.0	12.5	13.4
	Heating capacity	Standard	kW	8.0	11.2	14.0	15.0
EER / COP	Cooling / Heating			3.26 / 3.55	3.3 / 3.65	3.14 / 3.41	2.81 / 3.21
Annual energy consumption			kWh	1,089	1,515	1,990	2,384
Energy Label	cooling / heating			A / B	A / A	B / B	C / C
Dimensions	(Height x Width x Depth)		mm	300x1000x700	300x1400x700		
Weight				34	45		
Air Flow Rate	Cooling	High/Low	m³/min	18 / 15	32 / 23	33 / 28	
	Heating	High/Low	m³/min	18 / 15	32 / 23	39 / 28	41 / 29
Sound Power	Cooling	High	dBA	57	61	66	
Sound Pressure	Cooling	High/Low	dBA	37 / 29	38 / 32	40 / 33	
	Heating	High/Low	dBA	37 / 29	38 / 32	40 / 33	41 / 34
External Static Pressure		High/Medium/Low	Pa	100 / 30 / 30	120 / 40 / 40	120 / 50 / 50	
Refrigerant			Type	R-410A			
Power Supply				1~/230V/50Hz			
Decoration Panel	Model			BYBS71DJW1	BYBS125DJW1		
	Colour			White			
	HxWxD		mm	55x1100x500	55x1500x500		
	Weight		kg	4.5	6.5		
Controller		Wired		BRC1E51A			

Outdoor Unit				RZQS71DV1		RZQS100DV1		RZQS125DV1		RZQS140DV1	
Dimensions		(Height x Width x Depth)		mm		770x900x320		1170x900x320			
Weight				kg		68		103			
Operation Range		Cooling	Min~Max	°CDB		-5~-46					
		Heating	Min~Max	°CWB		-15~-15.5					
Sound Power				Cooling	dBA	65		67		68	
Sound Pressure (Standard)				Cooling	dBA	49		51		52	
				Heating	dBA	51		55		53	
Sound Level (Night quiet)				Sound Pressure	dBA	47		49		50	
Refrigerant				Type		R-410A					
Power Supply				1~/220-240V/50Hz							
Piping connections		Liquid (OD)/Gas/Drain		mm		9.52 / 15.9 / 26					
Piping Length (Maximum)				m		30		50			
Max. interunit level difference				m		0.5					
Max Installation Height Difference				m		15		30			