



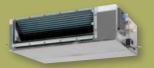
## **Concealed Ceiling Unit**

Seasonal Inverter FBQ-C / RZQ-D(B9W1)





Height 300mm Width 1000mm 700mm Depth



FRO71C

Height	770mm
Width	900mm
Depth	320mm



The concealed ceiling units belong to the most aesthetically pleasing systems for your climate comfort. The new inverter fan ducted units, provides both drastic energy savings and simplifies installation thanks to the ability to automatically adjust the air volume against the external static pressure.

- RZQ Seasonal Inverter technology: first light commercial range in the market optimised for Seasonal Efficiency. Takes account of multiple cooling/heating temperatures as well as unit operation at partial load instead of just full capacity. Will also consider the power consumed by equipment in auxiliary mode (thermostat off, standby mode, OFF mode).
- Application flexibility: Comms, computer and server room cooling possible. Also suitable for use in R-22 replacement projects.
- Wired remote controller: 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 (BRC1D52 standard / BRC1E51A optional).
- BRC1E51A New optional wired controller: allows easy navigation through menu items, via a personalised display and minimal number of buttons.
- Home Leave operation: in case of extended absence, this 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.
- Air purification filter: removes airborne dust particles to ensure a steady supply of clean air. It can easily be removed and washed.
- Fan speed: 3 fan speeds can be selected.
- Self diagnosis digital display: in the unlikely event that an abnormality occurs, the LCD remote controller displays the error code allowing prompt maintenance.
- Auto-restart function: after a power failure in the building, the system automatically restarts to the setting in operation before the power failure.

## **HEAT PUMP**

## **SEASONAL INVERTER**

Indoor Units				FBQ71C	FBQ100C		FBQ125C		FBQ140C		
Capacity	Cooling capacity	Standard	kW	7.1	10	10.0		12.5		13.4	
	Heating capacity	Standard	kW	8.0	11.2		14.0		15.5		
Nominal	EER / COP	Cooling / Heating		3.39 / 3.85	3.70 / 4.16	3.50 / 3.73	3.48 / 3.62	3.14 / 3.51	3.01 / 3.41	2.82 / 3.21	
	Annual energy consumption		kWh	1047	1351	1430	1796	1990	2226	2380	
	Energy Label Cooling / Heating				A/A		A/A	В	B C/C		
Seasonal (*)	SEER / SCOP Cooling / Heating			3.73 / -	3.48 / -	3.42 / -	3.82 / - 3.56 / - 3.25 / -		3.22 / -		
Dimensions (Height x Width x Depth) mm			mm	300x1000x700 300x1400x700							
Weight kg			kg	34 45							
Air Flow Rate	Cooling	High/Low	m³/min	18 / 15	32 / 23			39 / 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 Press	sure	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			BRC1D52 (standard) / BRC1E51A (optional)								
Outdoor Unit				RZQ71D3V1	RZQ100D9V1 RZQ100B9W1		RZQ125D9V1	RZQ125B9W1	RZQ140D9V1	RZQ140B9W1	
Dimensions	(Height x Width x Depth) r		mm	770x900x320	1345x900x320		1345x9	00x320	1345x9	00x320	
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			dBA	64	65		67	66	68	66	
Sound Pressure (Standard)		Cooling	dBA	48	50		51	50	51	50	
		Heating	dBA	50	52		53	52	53	52	
Sound Level (Night quiet) Sound Pressure		dBA	43		45 46			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. internunit level difference m			0.5								
Max installation height difference m			m	30							

<sup>(\*)</sup> Seasonal efficiencies are calculated based on draft PrEn 14825: 2009 (under inquiry stage). Data are subject to change.



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Daikin units comply with the European regulations that guarantee the safety of the product.



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