

4-Way Blow Ceiling Suspended Cassette

Seasonal Inverter

FUQ-B / RZQ-D(B9W1)



BRC1D52
Wired remote control (standard)



BRC1E51A
Wired remote control (optional)



Wireless remote control (optional)



The unique ceiling suspended cassettes are the ideal solution for rooms without false ceilings. An excellent solution for larger areas with high occupancy and ceiling heights up to 3.5m.

- **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:** automatically keeps the room temperature at a specified comfort level during extended absence by switching to heating when it reaches the minimum level and to cooling at the maximum level.
- **Air flow flexibility:** air can be discharged in any of 4 directions. Possibility to shut off 1 or 2 flaps enabling the unit to be also installed in a corner or in a small room.
- **Comfortable air distribution:** vertical auto swing of the flaps and the 5 different air flow patterns available ensure the best distribution of the air throughout the whole room.
- **Air purification filter:** removes airborne dust particles to ensure a steady supply of clean air.
- **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.

Height	165mm
Width	895mm
Depth	895mm



FUQ71B

Height	770mm
Width	900mm
Depth	320mm



RZQ71D

See tables overleaf for full list of dimensions

ENERGY LABEL:
UP TO CLASS
A

HEAT PUMP

SEASONAL INVERTER

Indoor Units				FUQ71B	FUQ100B	FUQ125B		
Capacity	Cooling capacity	Standard	kW	7.1	10		12.5	
	Heating capacity	Standard	kW	8.0	11.2		14.0	
Nominal	EER / COP	Cooling / Heating		3.21 / 3.42	3.37 / 3.38	3.21 / 3.41	3.16 / 3.29	
	Annual energy consumption		kWh	1,105	1484	1560	1978	
	Energy Label	Cooling / Heating		A / B	A / C	A / B	B / C	
Seasonal (*)	SEER / SCOP	Cooling / Heating		3.57 / -	3.21 / -	3.08 / -	3.50 / -	
Dimensions	(Height x Width x Depth)		mm	165x895x895		230x895x895		
Weight			kg	25.0		31.0		
Air Flow Rate	Cooling	High/Low	m ³ /min	19.0 / 14.0		29.0 / 21.0		
	Heating	High/Low	m ³ /min	19.0 / 14.0		29.0 / 21.0		
Sound Power	Cooling	High/Low	dBA	56.0 / 51.0		59.0 / 54.0		
	Heating	High/Low	dBA	56.0 / 51.0		59.0 / 54.0		
Sound Pressure	Cooling	High/Low	dBA	40.0 / 35.0		43.0 / 38.0		
	Heating	High/Low	dBA	40.0 / 35.0		43.0 / 38.0		
Refrigerant			Type	R-410A				
Power Supply				1~/220-240V/50Hz				
Controller	Wired/Wireless			BRC1D52 (standard) / BRC7C528 (optional) BRC1E51A (optional)				
Outdoor Unit				RZQ71D3V1	RZQ100D9V1	RZQ100B9W1	RZQ125D9V1	RZQ125B9W1
Dimensions	(Height x Width x Depth)		mm	770x900x320		1345x900x320		1345x900x320
Weight			kg	67	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	
Sound Pressure (Standard)	Cooling		dBA	48	50	51	50	
	Heating		dBA	50	52	53	52	
Sound Level (Night quiet)	Sound Pressure		dBA	43				
Refrigerant			Type	R-410A				
Power Supply				1~/220-240V/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	30				

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

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