DAIKIN

High Efficiency Roundflow Cassette
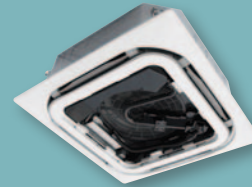
Seasonal Inverter   ROUND FLOW   FCQH-D8 / RZQ-D(B9W1)

BRC1D52
Wired remote
control (standard)

Self-cleaning option

BRC1E51A
Wired remote
control (optional)

Wireless remote
control (optional)

Height	246mm
Width	840mm
Depth	840mm

FCQH71D8

Height	770mm
Width	900mm
Depth	320mm

RZQ71D
See tables overleaf for full list of dimensions

The unique 360° radial air pattern ensures uniform air flow and temperature distribution. The FCQH model has one of the highest COP values on the market.

- **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.

- **Air flow flexibility:** a wide selection of 23 different airflow patterns enables unit installation in corners or small rooms.

- **Horizontal air discharge:** ensures draught free operation and prevents ceiling soiling.

- **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.

- **Self-cleaning panel (available as accessory):** Maintenance time and costs and energy consumption reduced. It is equipped with a special rounded filter, which automatically cleans itself once a day. The dust from this filter is stored in the indoor unit and can be removed with a normal vacuum cleaner.

- **Home Leave operation:** automatically keeps the room temperature at a specified favourite comfort level during extended absence, by switching to heating when it reaches the minimum level and to cooling at the maximum level.

- **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.

- Modern style decoration panel in pure white. Standard model also available with white louvres.

ENERGY LABEL:
UP TO CLASS A

HEAT PUMP — SEASONAL INVERTER

Indoor Units				FCQH71D8	FCQH100D8		FCQH125D8		FCQH140D8	
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		3.78 / 4.16	4.00 / 4.53	4.10 / 4.38	3.59 / 4.05	3.53 / 3.90	3.21 / 3.73	3.01 / 3.54
	Annual energy consumption		kWh	940	1250	1220	1740	1770	2180	2325
	Energy Label	Cooling / Heating		A / A					B / B	
Seasonal (*)	SEER / SCOP	Cooling / Heating		4.04 / -	3.71 / -	3.8 / -	3.92 / -	3.88 / -	3.62 / -	3.43 / -
Dimensions	(Height x Width x Depth)		mm	246x840x840	288x840x840					
Weight			kg	23	25					
Air Flow Rate	Cooling	High/Low	m³/min	21.9 / 12.1	34.2 / 17.6		34.2 / 21.2		34.2 / 23.8	
	Heating	High/Low	m³/min	21.9 / 12.1	34.2 / 17.6		34.2 / 21.3		34.2 / 23.9	
Sound Power	Cooling	High	dBA	54	62					
Sound Pressure	Cooling	High/Low	dBA	36 / 28	45 / 32		45 / 36		45 / 38	
	Heating	High/Low	dBA	36 / 28	45 / 32		45 / 36		45 / 38	
Refrigerant			Type	R-410A						
Power Supply				1~/220-240V;220V/50Hz;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		BRC1D52 (standard) / BRC7F532F (optional) / BRC1E51A (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		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	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	30						

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

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

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