

High Efficiency Roundflow Cassette

FCQH-D8 / RZQ-D(B9W1)





Height	246mm
Width	840mm
Depth	840mm



FCQH71D8

Height	770mm
Width	900mm
Depth	320mm



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 LABELY

HEAT PUMP

SEASONAL INVERTER

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Indoor Units			FCQH71D8	FCQH100D8		FCQH125D8		FCQH140D8			
Capacity	Cooling capacity	Standard	kW	7.1	10	10.0		12.5		14.0	
	Heating capacity	Standard	kW	8.0	11.2		14	14.0		16.0	
Nominal	EER / COP	Cooling / Heating	Į.	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 cons	Annual energy consumption		940	1250	1220	1740	1770	2180	2325	
	Energy Label Cooling / Heating		'		A/A B/B						
Seasonal (*)	SEER / SCOP	EER / SCOP Cooling / Heating		4.04 / -	3.71 / -	3.8 / -	3.92 / -	3.88 / -	3.62 / -	3.43 / -	
Dimensions	ensions (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			6	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	Model			BYCQ140CW1¹ / BYCQ140CW1W² / BYCQ140CGW1³						
	Colour		Pure white (RAL 9010)								
	HxWxD	HxWxD mm		50x950x950 / 50x950x950 / 130x950x950							
	Weight	/eight 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 D	epth)	mm	770x900x320	1345x9	00x320	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 (Sta	andard)	Cooling	dBA	48	50		51	50	51	50	
		Heating	dBA	50	52		53	52	53	52	
Sound Level (Night quiet)		Sound Pressure	dBA	43			15		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								

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



Max installation height difference

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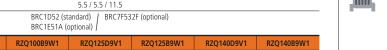








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guarantee the safety of the product.

Daikin units comply with the European regulations that

Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FC); the certified data of certified

models are listed in the Eurovent Directory. Multi units are Eurovent certified for combinations up to 2 indoor units.

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