

# High Efficiency Roundflow Cassette

FCQH-D8 / RZQS-D



The unique 360° radial air pattern ensures uniform air flow and temperature distribution. The FCQH model combined with the comfort inverter achieves a great balance of efficiency and value.

- **Comfort Inverter technology:** reduces the power consumption by up to 30% compared to non inverter units and ensures maximum comfort, low noise and reliability.
- **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:** 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.
- **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.

Height	246mm
Width	840mm
Depth	840mm



FCQH71D8

Height	770mm
Width	900mm
Depth	320mm



RZQS71D

See tables overleaf for full list of dimensions

**ENERGY LABEL:  
UP TO CLASS  
A**

# HEAT PUMP

# COMFORT 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
EER / COP	Cooling / Heating			3.3 / 3.7	3.45 / 3.80	3.22 / 3.69	3.01 / 3.41
Annual energy consumption			kWh	1,076	1449	1940	2326
Energy Label	cooling / heating				A / A		B / B
Dimensions	(Height x Width x Depth)		mm	246x840x840		288x840x840	
Weight			kg	23		25	
Air Flow Rate	Cooling	High/Low	m <sup>3</sup> /min	21.9 / 12.1	34.2 / 17.6	34.2 / 21.2	34.2 / 23.8
	Heating	High/Low	m <sup>3</sup> /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 <sup>1</sup> / BYCQ140CW1W <sup>2</sup> / BYCQ140CGW1 <sup>3</sup>			
	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				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	54
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. internunit level difference			m	0.5			
Max installation height difference			m	15	30		

<sup>1</sup> Pure white standard panel with grey louvres; <sup>2</sup> Pure white standard panel with white louvres; <sup>3</sup> Pure white auto cleaning panel



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