



FCQHG-F / RZQSG

Roundflow Cassette

Hi Efficiency – Seasonal Classic



RZQSG125L8V1

Outdoor Unit

RZQSG71	H x W x D	770 x 900 x 320mm
RZQSG100/125	H x W x D	990 x 940 x 320mm
RZQSG140	H x W x D	1430 x 940 x 320mm

Accessories

Self cleaning deco-panel (BYCQ140DG)
White louvred deco-panel (BYCQ140DW)
Presence sensor (BRYQ140A)
Fresh air intake kit (KDDQ55B140)

Seasonal Classic

Daikin's unique 360° Roundflow cassette, re-engineered for Seasonal Efficiency. The Hi-COP Roundflow cassette exceeds Energy Related Products Directive minimum efficiency standards for Seasonal Efficiency, combining industry leading efficiencies with functionality to suit office and retail applications.

The Roundflow cassette has 23 different air flow settings to ensure optimum airflow and temperature distribution, while the presence and floor sensors can detect people and adjust temperature and airflow direction to ensure comfort and efficiency.

The remote controller gives access to a range of energy saving settings, allowing control over set-point ranges and day-to-day use of controls. The controller also gives a kWh indication of the power consumed by the Cassette and outdoor unit so you can monitor your energy use.



FEATURES

Programmable air discharge outlets via remote control

R22 Replacement technology

D3 connection as standard

Presence sensor

Self-cleaning decoration panel

BENEFITS

Room configurations can be changed without re-positioning cassette

Re-use of existing R22 and R407C piping possible, allowing only fan-coil and condensers to be replaced

Allows integration and control of split system into building management systems

Controlling temperature set point based on occupancy can reduce running costs by up to 27%

Automatic cleaning of air-filter can save up to 30% in running costs

Indoor Units			Single Phase				3 Phase		
			FCQHG71F	FCQHG100F	FCQHG125F	FCQHG140F	FCQHG100F	FCQHG125F	FCQHG140F
Cooling Capacity	Nominal	kW	6.8	9.5	12	13.4	9.5	12	13.4
	UK Total	kW	7.28	10.8	13.6	14.9	10.8	13.6	14.9
	UK Sensible	kW	4.99	7.44	9.3	10.25	7.44	9.3	10.25
Heating Capacity	Nominal	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A++			A	-	A++	A
		Pdesign	kW	6.8	9.5	12.0	-	9.5	12.0
		SEER		6.50	6.70	5.40	-	6.70	5.40
		Annual energy consumption	kWh	366	496	777	-	496	777
	Heating (Average climate)	Energy label	A+			-	-	A+	-
		Pdesign	kW	6.33	7.6	8.03	-	7.6	8.03
		SCOP		4.10	4.10	4.01	-	4.10	4.01
		Annual energy consumption	kWh	2,162	2,595	2,803	-	2,595	2,803
	Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER	3.50	3.70	3.23	3.21	3.70	3.23	3.21
		COP	4.10	4.30	3.75	3.61	4.30	3.75	3.61
		Annual energy consumption	kWh	1,059	1,285	1,855	2,085	1,285	1,855
		Energy label	Cooling/Heating	A/A			A/A		
Nominal Power Input	Cooling / Heating	kW	2.12 / 2.08	2.57 / 2.51	3.71 / 3.6	4.17 / 4.29	2.57 / 2.51	3.71 / 3.6	4.17 / 4.29
Dimensions (with deco-panel)	Height x Width x Depth	mm	288(348) x 840 (950) x 840 (950)						288(348) x 840 (950) x 840 (950)
Weight (with deco-panel)		kg	25 (30.5)	26 (31.4)			26 (31.4)	26 (31.4)	26 (31.4)
Air Flow Rate	High / Low	m ³ /min	21.2 / 12.2	32.3 / 19	33.5 / 19.9	45 / 37	32.3 / 19	33.5 / 19.9	45 / 37
Sound Power	High	dBA	53	61	61	61	61	61	61
Sound Pressure	High / Low	dBA	36 / 29	44 / 33	45 / 35	45 / 37	44 / 33	45 / 35	45 / 37
Refrigerant	Type		R410A				R410A		
Power Supply			From outdoor unit				From outdoor unit		
Controller			BRC1E52A wired				BRC1E52A wired		

Outdoor Unit			RZQSG71L3V1	RZQSG100L8V1	RZQSG125L8V1	RZQSG140LV1	RZQSG100L8Y1	RZQSG125L8Y1	RZQSG140LY1
Dimensions	Height x Width x Depth	mm	770 x 900 x 320	990 x 940 x 320		1430 x 940 x 320	990 x 940 x 320		1430 x 940 x 320
Weight		kg	67	81		101	82		101
Operation Range	Cooling Min~Max	°CDB	-5°C to +46°C				-5°C to +46°C		
	Heating Min~Max	°CWB	-15°C to +15.5°C				-15°C to +15.5°C		
Sound Power	High	dBA	65	69	67	69	69	70	69
Sound Pressure	Nominal	dBA	49	53	51	53	53	54	53
Refrigerant		Type	R410A				R410A		
Power Supply			1 ~ / 50Hz / 220 - 240v				3 ~ / 50Hz / 400v		
Piping connections	Liquid (OD)/Gas	inches	3/8 / 5/8				3/8 / 5/8		
Piping Length (Maximum)		m	30	50		50			
Max Installation Height Difference		m	15	30		30			



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP), Air handling units (AHU) and Fan coil units (FCU). Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

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