



FHQ-C / RZQSG

Ceiling Suspended

Seasonal Classic



RZQSG100L8V1

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

Wireless remote controller (BRC7G53)

Seasonal Classic

Ceiling Suspended units are able to be fixed in buildings without suspended ceilings, and are ideal for high ceiled rooms.

Comfort levels in a room can be improved with the 3 step fan speed and auto-swing mode, accessed via the wired remote controller. The controller can also be set to restrict room occupants from changing settings, preventing over-heating or cooling.

Ceiling suspended units and Seasonal Classic condensers can be used as cost effective replacements for old equipment as they are able to use existing R22 and R407C pipe-work.

FEATURES

BENEFITS

Automatic swing and 3 step fan speed	Fan speed and swing can be set to auto to ensure air-flow is matched to room temperature
D3 connection as standard	Allows integration and control of split system with Daikin building management systems
R22 Replacement technology	Re-use of existing R22 and R407C piping possible, allowing only fan-coil and condensers to be replaced
Maximum ceiling height of up to 4.3m	Can be used to provide efficient heating and cooling in rooms with high ceilings

Indoor Units			Single Phase				3 Phase		
			FHQG71C	FHQG100C	FHQG125C	FHQG140C	FHQG100C	FHQG125C	FHQG140C
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+		
		Pdesign	kW	6.80	9.50	12.00	9.50	12.00	-
		SEER		5.61	5.61	5.61	5.61	5.61	-
		Annual energy consumption	kWh	424	592	748	592	748	-
	Heating (Average climate)	Energy label	A				A+		
		Pdesign	kW	7.60	7.60	7.60	7.60	7.60	-
		SCOP		3.90	3.91	4.01	3.91	4.01	-
		Annual energy consumption	kWh	2,727	2,721	2,653	2,721	2,653	-
	Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER	3.46	3.21	2.89	3.01	3.21	2.89	3.01
Nominal Power Input	Cooling / Heating	COP	4.00	3.61	3.62	3.41	3.61	3.62	3.41
		Annual energy consumption	kWh	983	1,480	2,075	1,480	2,075	2,225
		Energy label	Cooling/Heating	A/A	A/A	C/A	B/B	A/A	C/A
Dimensions	Height x Width x Depth	mm	235 x 1270 x 690	235 x 1590 x 690			235 x 1590 x 690		
Weight		kg	32	38			38		
Air Flow Rate	High / Low	m³/min	20.5 / 14	28 / 20	31 / 23	34 / 24	28 / 20	31 / 23	34 / 24
Sound Power	High	dBA	65	69	70	69	69	70	69
Sound Pressure	High / Low	dBA	38 / 34	42 / 34	44 / 37	46 / 38	42 / 34	44 / 37	46 / 38
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		102	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	70	69	69	70	69
Sound Pressure	Nom.	dBA	49	53	54	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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