



FHQ-C / RZQSG-LV1(LY1)

## Ceiling Suspended Seasonal Classic



RZQSG100LV1

**Outdoor Unit**

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

**Accessories**

Wireless remote controller (BRC7E63)

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		
	Nominal	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5		
Heating Capacity (according to EN14825)	Cooling	Energy label	A	A	B	-	A	B	-		
		Pdesign	kW	6.80	9.50	12.00	-	9.50	12.00	-	
		SEER		5.11	5.11	4.61	-	5.11	4.61	-	
		Annual energy consumption	kWh	466	651	911	-	651	911	-	
	Heating (Average climate)	Energy label	A	A	A	-	A	A	-		
		Pdesign	kW	7.60	7.60	7.60	-	7.60	7.60	-	
		SCOP		3.81	3.80	3.81	-	3.80	3.81	-	
		Annual energy consumption	kWh	2,792	2,799	2,791	-	2,799	2,791	-	
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		
	COP		4.00	3.61	3.62	3.41	3.61	3.62	3.41		
	Annual energy consumption	kWh	983	1,480	2,075	2,225	1,480	2,075	2,225		
	Energy label	Cooling/Heating	A/A	A/A	C/A	B/B	A/A	C/A	B/B		
Nominal Power Input	Cooling / Heating	kW	1.97 / 1.88	2.96 / 2.99	4.15 / 3.73	4.45 / 4.54	2.96 / 2.99	4.15 / 3.73	4.45 / 4.54		
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		
Sound Power	High	dB(A)	65		69		70		69		
Sound Pressure	High / Low	dB(A)	38 / 34		42 / 34		44 / 37		46 / 38		
Refrigerant	Type		R410A								
Power Supply			From outdoor unit								
Controller			BRC1E52A wired								

Outdoor Unit			RZQSG71LV1	RZQSG100LV1	RZQSG125LV1	RZQSG140LV1	RZQSG100LY1	RZQSG125LY1	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	
Weight		kg	67		81		102		82	
Operation Range	Cooling Min~Max	°CDB	-5°C to +46°C							
	Heating Min~Max	°CWB	-15°C to +15.5°C							
Sound Power	High	dB(A)	65		69		70		69	
Sound Pressure	Nom.	dB(A)	49		53		54		53	
Refrigerant	Type		R410A							
Power Supply			1~ / 50Hz / 220 - 240v							
Piping Connections	Liquid (OD)/Gas	inches	3/8 / 5/8							
Piping Length (Maximum)		m	30		50		50		50	
Max Installation Height Difference		m	15		30		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.



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