



FHQ-C / RZQG-L7V1(LY1)

Ceiling Suspended Seasonal Smart



RZQG125LV1

Outdoor Unit

RZQG71	H x W x D	990 x 940 x 320mm
RZQG100/125/140	H x W x D	1430 x 940 x 320mm

Accessories

Duty rotation controller (RTD10)
Wireless remote controller (BRC7E63)
Fresh Air intake kit (KDDQ50A140)

Seasonal Smart

Ceiling suspended units are ideal for applications in rooms without suspended ceilings, or with high ceilings. Pairing them with Seasonal Smart condensers provides a system that is optimised for Seasonal Efficiency.

Daikin's ceiling suspended unit is ideal for IT and server room applications thanks to the EDP setting which allows constant cooling at low humidity levels, providing ideal conditions for computer equipment.

Comfort levels can be improved with the 3 step-fan, and the ability to connect to a fresh air intake. The controller can also be set to restrict room occupants from changing settings, preventing over-heating or cooling.

FEATURES

BENEFITS

Designed for Seasonal Efficiency	Performs in all seasonal conditions, Improving energy efficiencies and offering lower running costs
Maximum ceiling height of up to 4.3m	Can be used to provide efficient heating and cooling in rooms with high ceilings
EDP Setting	Configures system for continuous cooling and humidity control, creating optimum conditions for IT equipment rooms
D3 connection as standard	Allows integration and control of split system with Daikin building management systems
Selectable evaporating and condensing temperatures	Improves energy efficiency of the 'out of the box' system by 20%, saving money on running costs

Indoor Units			Single Phase				3 Phase					
			FHQG71C	FHQG100C	FHQG125C	FHQG140C	FHQG71C	FHQG100C	FHQG125C	FHQG140C		
Cooling Capacity	Nominal	kW	6.8	9.5	12	13.4	6.8	9.5	12	13.4		
	UK Total	kW	7.76	10.8	13.6	14.9	7.76	10.8	13.6	14.9		
	UK Sensible	kW	5.32	7.44	9.3	10.25	5.32	7.44	9.3	10.25		
Heating Capacity	Nominal	kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5		
	Seasonal efficiency (according to EN14825)	Cooling	Energy label	A+	A+	A	-	A+	A+	A	-	
Pdesign			kW	6.80	9.50	12.00	-	6.80	9.50	12.00	-	
SEER				5.85	5.69	5.21	-	5.85	5.69	5.21	-	
Heating (Average climate)		Energy label	A	A+	A+	-	A	A+	A+	-		
		Pdesign	kW	7.60	11.30	14.13	-	7.60	11.30	14.13	-	
		SCOP		3.95	4.30	4.23	-	3.95	4.30	4.23	-	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)		Annual energy consumption	kWh	407	584	806	-	407	584	806	-	
			EER		3.82	4.13	3.52	3.31	3.82	4.13	3.52	3.31
				COP		4.13	4.42	3.89	3.63	4.13	4.42	3.89
Annual energy consumption	kWh	890			1,245	1,790	2,025	890	1,245	1,790	2,025	
	Energy label	Cooling/Heating	A/A				A/A					
		Cooling / Heating	kW	1.78 / 1.82	2.49 / 2.6	3.58 / 3.48	4.27 / 4.27	1.78 / 1.82	2.49 / 2.6	3.58 / 3.48	4.05 / 4.27	
Dimensions	Height x Width x Depth	mm	235 x 1270 x 690				235 x 1270 x 690					
		mm	235 x 1590 x 690				235 x 1590 x 690					
Weight		kg	32				32					
Air Flow Rate	High / Low	m³/min	20.5 / 14		28 / 20		31 / 23		34 / 24			
Sound Power	High	dBA	64		66		67		69			
Sound Pressure	High / Low	dBA	38 / 34		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			RZQG71L7V1	RZQG100L7V1	RZQG125L7V1	RZQG140L7V1	RZQG71LY1	RZQG100LY1	RZQG125LY1	RZQG140LY1
Dimensions	Height x Width x Depth	mm	990 x 940 x 320				1430 x 940 x 320			
Weight		kg	78				102			
Operation Range	Cooling Min~Max	°CDB	-15°C to +50°C				-15°C to +50°C			
	Heating Min~Max	°CWB	-20°C to +15.5°C				-20°C to +15.5°C			
Sound Power	High	dBA	64		66		67		69	
Sound Pressure	Nom.	dBA	48		50		51		52	
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	50		75		50		75	
Max Installation Height Difference		m	30				30			

In all of us, a green heart

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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