DAIKIN

your comfort. **our world.**

FHQ-C / RZQG

Ceiling Suspended

Seasonal Smart

RZQG125L8V1

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)

See tables overleaf for full list of dimensions

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.

Replacement Technology

SkyAir

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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+		-
		Pdesign	kW	6.80	9.50	12.00	-	6.80	9.50	12.00	-
		SEER		6.95	6.11	6.01	-	6.95	6.11	6.01	-
		Annual energy consumption	kWh	342	544	698	-	342	544	698	-
	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		4.32	4.61	4.23	-	4.32	4.61	4.23	-
		Annual energy consumption	kWh	2,462	3,431	4,676	-	2,462	3,431	4,676	-
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	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	3.63
	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			
Nominal Power Input	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 1590 x 690			235 x 1270 x 690	235 x 1590 x 690		
Weight			kg	32	38			32	38		
Air Flow Rate	High / Low		m^3/min	20.5 / 14	28 / 20	31 / 23	34 / 24	20.5 / 14	28 / 20	31 / 23	34 / 24
Sound Power	High		dBA	64	66	67	69	64	66	67	69
Sound Pressure	High / Low		dBA	38 / 34	42 / 34	44 / 37	46 / 38	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			**RZQG71L8V1**	**RZQG100L8V1**	**RZQG125L8V1**	**RZQG140L7V1**	**RZQG71L8Y1**	**RZQG100L8Y1**	**RZQG125L8Y1**	**RZQG140LY1**
Dimensions	Height x Width x Depth	mm	990 x 940 x 320	1430 x 940 x 320			990 x 940 x 320	1430 x 940 x 320		
Weight		kg	78	102			80	101		
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	64	66	67	69
Sound Pressure	Nom.	dBA	48	50	51	52	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.

INVERTER

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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

CE

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DAIKIN UK RECYCLING END OF LIFE AIR CON UNITS

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