



FVQ-C / RZQG

Floor Standing Unit

Seasonal Smart



RZQG140L8V1

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

Wired remote controller (BRC1E52A)

Seasonal Smart

Floor standing units are ideal for large spaces with high ceilings and when paired with Seasonal Smart condenser can offer high Seasonal Efficiency ratings and reduce running costs.

Comfort levels in a room can be improved due to new airflow and air discharge settings, accessed via the wired remote controller that can be mounted on the front of the air conditioner. The controller can also be used to access a range of energy saving settings, allowing control over set-point ranges and day-to-day use of controls by room occupants.

Floor standing units can be used in IT and computer rooms by utilising the EDP setting for continuous cooling and humidity control.

FEATURES

BENEFITS

Automatic airflow volumes control	Adjusts fan speed to match difference between room and set temperature, unit works smarter without need for occupants to change settings
Adjustable air discharge blades	Allows better air and temperature distribution, giving a room more uniform conditions
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 into building management systems
R22 Replacement technology	Re-use of existing R22 and R407C piping possible, allowing only fan-coil and condensers to be replaced

Indoor Units			Single Phase				3 Phase			
			FVQ71C	FVQ100C	FVQ125C	FVQ140C	FVQ71C	FVQ100C	FVQ125C	FVQ140C
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	6.8	9.5	12.0	6.8	9.5	12.0	-
		SEER		6.31	5.61	5.61	6.31	5.61	5.61	-
		Annual energy consumption	kWh	377	592	748	377	592	748	-
	Heating (Average climate)	Energy label	A+	A		-	A+	A		-
		Pdesign	kW	6.3	11.3		6.3	11.3		-
		SCOP		4.05	4.20	3.87	4.05	4.20	3.87	-
		Annual energy consumption	kWh	2,188	3,766	4,087	2,188	3,766	4,087	-
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		3.37	3.81	3.21		3.37	3.81	3.21	
	COP		3.64	4.14	3.70	3.61	3.64	4.14	3.70	3.61
	Annual energy consumption	kWh	1,010	1,245	1,870	2,085	1,010	1,245	1,870	2,085
	Energy label	Cooling/Heating	A/A				A/A			
Nominal Power Input	Cooling / Heating	kW	2.02 / 2.06	2.49 / 2.61	3.74 / 3.65	4.17 / 4.3	2.02 / 2.06	2.49 / 2.61	3.74 / 3.65	4.17 / 4.3
Dimensions	Height x Width x Depth	mm	1850 x 600 x 270	1850 x 600 x 350			1850 x 600 x 270	1850 x 600 x 350		
Weight		kg	39	47			39	47		
Air Flow Rate	High / Low	m³/min	18 / 14	28 / 25	28 / 26	30 / 28	18 / 14	28 / 25	28 / 26	30 / 28
Sound Power	High	dB(A)	55	62	63	65	55	62	63	65
Sound Pressure	High / Low	dB(A)	43 / 38	50 / 44	51 / 46	53 / 48	43 / 38	50 / 44	51 / 46	53 / 48
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		99		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	dB(A)	64	66	67	69	64	66	67	69
Sound Pressure	Nominal	dB(A)	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			



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.



The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin UK. Daikin UK has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin UK explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin UK.



Daikin products are distributed by: