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FVQ-C / RZQG-L7V1 (LY1)

Floor Standing Unit

Seasonal Smart

RZQG140L7V1

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)

See tables overleaf for full list of dimensions

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.

Replacement Technology

SkyAir

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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		B	-	A		B	-
		Pdesign	kW	6.8	9.5	12.0	-	6.8	9.5	12.0	-
		SEER		5.16	5.59	4.77	-	5.16	5.59	4.77	-
		Annual energy consumption	kWh	461	595	881	-	461	595	881	-
	Heating (Average climate)	Energy label		A			-	A			-
		Pdesign	kW	6.3	11.3		-	6.3	11.3		-
		SCOP		3.81	3.80	3.85	-	3.81	3.80	3.85	-
		Annual energy consumption	kWh	2,326	4,165	4,111	-	2,326	4,165	4,111	-
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		m^3/min	18 / 14	28 / 25	28 / 26	30 / 28	18 / 14	28 / 25	28 / 26	30 / 28
Sound Power	High		dBA	55	62	63	65	55	62	63	65
Sound Pressure	High / Low		dBA	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			**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			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	dBA	64	66	67	69	64	66	67	69
Sound Pressure	Nominal	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

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