



# Floor standing unit

## Seasonal Smart

**FVQ-C / RZQG** Seasonal **Smart**

Ideal for large spaces with high ceilings



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.

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

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.



RZQG140L8V1



FVQ-C

# FVQ-C / RZQG

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 of split system into 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

Indoor unit			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+		-		
		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	-		
	Heating (Average climate)	Annual energy consumption	kWh	377	592	748	-	377	592	748	-		
		Energy label		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)	Cooling		1,010	1,245	1,870	2,085	1,010	1,245	1,870	2,085			
	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	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			RZQG71L9V1	RZQG100L9V1	RZQG125L9V1	RZQG140L9V1	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	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			

### Accessories

Wired remote controller (BRC1E52A)

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