



**FHQ-C / RZQG** Seasonal **Smart**

Ideal for applications in rooms without suspended ceilings



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.

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.

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.



BRC1E52A



RZQG125L8V1



FHQ-C



# FHQ-C / RZQG

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 of split system into 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			
			FHQ71C	FHQ100C	FHQ125C	FHQ140C	FHQ71C	FHQ100C	FHQ125C	FHQ140C
Capacity	UK Total Cooling	kW	7.76	10.80	13.60	14.90	7.76	10.80	13.60	14.90
	UK Sensible Cooling	kW	5.32	7.44	9.30	10.25	5.32	7.44	9.30	10.25
	Nominal Cooling	kW	6.80	9.50	12.00	13.40	6.80	9.50	12.00	13.40
	Nominal Heating	kW	7.50	10.80	13.50	15.50	7.50	10.80	13.50	15.50
Seasonal Efficiency (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		6.95	6.11	6.01	-	6.95	6.11	6.01	-
	Annual Energy Consumption	kWh	342	544	698	-	342	544	698	-
Seasonal Efficiency (EN14825) HEATING	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	2462	3431	4676	-	2462	3431	4676	-
Nominal Efficiency	EER / COP		3.82 / 4.13	4.13 / 4.42	3.52 / 3.89	3.31 / 3.63	3.82 / 4.13	4.13 / 4.42	3.52 / 3.89	3.31 / 3.63
	Energy Label		A / A	A / A	A / A	A / A	A / A	A / A	A / A	A / A
	Annual Energy Consumption	kWh	890	1245	1790	2025	890	1245	1790	2025
Air Flow Rate (Cooling)	High / Nom / Low	m³/sec	0.34 / 0.283 / 0.23	0.47 / 0.40 / 0.33	0.52 / 0.45 / 0.38	0.57 / 0.483 / 0.40	0.34 / 0.283 / 0.23	0.47 / 0.40 / 0.33	0.52 / 0.45 / 0.38	0.57 / 0.483 / 0.40
Dimensions	Height	mm	235	235	235	235	235	235	235	235
	Width	mm	1270	1590	1590	1590	1270	1590	1590	1590
	Depth	mm	690	690	690	690	690	690	690	690
Weight		kg	32	38	38	38	32	38	38	38
Sound Pressure (Cooling)	High / Nom / Low	dBA	38 / 36 / 34	42 / 38 / 34	44 / 41 / 37	46 / 42 / 38	38 / 36 / 34	42 / 38 / 34	44 / 41 / 37	46 / 42 / 38
Sound Power		dBA	53	56	59	60	53	56	59	60

Outdoor Units			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			
Weight		kg	78				102			
Electrical Details	Power Supply		1ph				3ph			
	Running Current	A	7.27	10.18	14.63	16.55	2.74	3.83	5.50	6.23
	Starting Current	A	4	4	4	4	4	4	4	4
	Max Fuse Size	A	20	32	32	32	16	20	20	20
Interconnection Wiring	Core / Cable size		3+E / 1.5				3+E / 1.5			
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)				3/8 (9.5) / 5/8 (15.9)			
Pipework	Maximum Length	m	50	75	75	75	50	75	75	75
	Maximum Vertical Rise	m	30	30	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30	30	30
	Additional Charge	g/m	Refer to Installation Manual				Refer to Installation Manual			
	Holding Charge	kg	2.9	4.0	4.0	4.0	2.9	4.0	4.0	4.0
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	48 / 43	50 / 45	51 / 45	52 / 45	48 / 43	50 / 45	51 / 45	52 / 45
Sound Power		dBA	64	66	67	69	64	66	67	69
Air Flow Rate (Cooling)	Nominal	m³/sec	0.98	1.17	1.17	1.40	0.98	1.17	1.17	1.40

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

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