



Ceiling suspended

Seasonal Smart

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 unit			Single Phase				3 Phase				
			FHQ71C	FHQ100C	FHQ125C	FHQ140C	FHQ71C	FHQ100C	FHQ125C	FHQ140C	
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+				
		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	m³/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			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	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			

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

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