



Under ceiling cassette

Seasonal Smart

FUQ-C / RZQG Seasonal **Smart**

Functionality to suit office and retail applications



Daikin's Under Ceiling Cassette is a unique product – a 4 way blow system that can be installed under the ceiling in rooms that have solid ceilings or narrow voids that may prevent a traditional cassette being installed.

The Under Ceiling Cassette exceeds Energy Related Products Directive minimum efficiency standards for Seasonal Efficiency, combining industry leading efficiencies with smart looks and functionality to suit office and retail applications.

The re-designed profile of the unit means it is less obtrusive when installed. Air discharge louvres close completely when the unit is not operating, adding to the aesthetic.

Energy savings can be made using the remote controller which gives control over set-point ranges and day-to-day use of controls. This can give occupants some flexibility over room conditions without compromising energy usage.

Energy efficiencies can be improved by utilising the selectable evaporating and condensing temperature option, making the Seasonal Smart Under Ceiling Cassette the ideal solution for energy conscious building managers.



BRC1E52A



RZQG125L8V1




FUQ-C



FUQ-C / RZQG

Features	Benefits
Programmable air discharge outlets via remote control	Can be changed to 2, 3 or 4 way blow if room configuration requires it
Selectable evaporating and condensing temperatures	Improves energy efficiency of the 'out of the box' system by 20%, saving money on running costs
D3 connection as standard	Allows integration of split system into Daikin building management systems
Drain pump with 500m lift as standard	Drain condensate liquid away from unit
Automatic air-flow adjustment	Can improve comfort levels as the unit will automatically change fan-speed according to room temperature

Indoor Units			Single Phase			3 Phase			
			FUQ71C	FUQ100C	FUQ125C	FUQ71C	FUQ100C	FUQ125C	
Cooling Capacity	Nominal	kW	6.8	9.5	12.0	6.8	9.5	12.0	
	UK Total	kW	7.76	10.8	13.6	7.76	10.8	13.6	
	UK Sensible	kW	5.32	7.44	9.3	5.32	7.44	9.3	
Heating Capacity	Nominal	kW	7.5	10.8	13.5	7.5	10.8	13.5	
	Seasonal efficiency (according to EN14825)	Cooling	Energy label	A++		A+	A++		A+
	Pdesign	kW	6.80	9.50	12.00	6.80	9.50	12.00	
		SEER	6.50	6.11	5.61	6.50	6.11	5.61	
		Annual energy consumption	kWh	366	544	748	366	544	748
	Heating (Average climate)	Energy label	A+			A+			
		Pdesign	kW	7.60	11.30	14.13	7.60	11.30	14.13
		SCOP	4.20	4.50	4.44	4.20	4.50	4.44	
Annual energy consumption	kWh	2,533	3,515	4,456	2,533	3,515	4,456		
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER	4.07	4.08	3.40	4.07	4.08	3.40		
	COP	4.47	4.04	4.04	4.47	4.04	4.04		
Annual energy consumption	kWh	840	1,230	1,770	840	1,230	1,770		
	Energy label Cooling/Heating	A/A			A/A				
Nominal Power Input	Cooling / Heating	kW	1.67 / 1.68	2.33 / 2.67	3.53 / 3.34	1.67 / 1.68	2.33 / 2.67	3.53 / 3.34	
Dimensions	Height x Width x Depth	mm	198 x 950 x 950			198 x 950 x 950			
Weight		kg	25	26		25	26		
Air Flow Rate	High / Low	m³/min	23 / 16	31 / 20	32.5 / 20.5	23 / 16	31 / 20	32.5 / 20.5	
Sound Power	High	dBA	59	64	65	59	64	65	
Sound Pressure	High / Low	dBA	41 / 35	46 / 39	47 / 40	41 / 35	46 / 39	47 / 40	
Refrigerant	Type		R410A			R410A			
Power Supply			From outdoor unit			From outdoor unit			
Controller			BRC1E52A wired			BRC1E52A wired			

Outdoor Unit			RZQG71L9V1	RZQG100L9V1	RZQG125L9V1	RZQG71L8Y1	RZQG100L8Y1	RZQG125L8Y1
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	Nom.	dBA	64	66	67	64	66	67
Sound Pressure	Nom.	dBA	48	50	51	48	50	51
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

Wireless remote controller (BRC7C58)

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