



FUQ-C / RZQG







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.



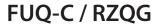
BRC1E52A













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 Energy labe			A+			A+			
	(Average climate)	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	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	
at 7°/20° nominal load)	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 Wid	lth x Depth	mm	198 x 950 x 950			198 x 950 x 950			
Weight			kg	25	2	26		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	rant Type		R410A			R410A				
Power Supply					From outdoor unit From outdoor unit			t		
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 9	940 x 320	990 x 940 x 320 1430 x 940 x 320			
Weight		kg	78	1	02	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 - 24	0v	3~ / 50Hz / 400v			
Piping connections	Liquid (OD)/Gas	inches		3/8 / 5/8 3/8 / 5/8					
Piping Length (Maxim	um)	m	50	7	75	50	75		
Max Installation Heigh	nt Difference	m	30			30			

Accessories

Wireless remote controller (BRC7C58)

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