



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
Capacity	UK Total Cooling	kW	7.76	10.80	13.60	7.76	10.80	13.60
	UK Sensible Cooling	kW	5.32	7.44	9.30	5.32	7.44	9.30
	Nominal Cooling	kW	6.80	9.50	12.00	6.80	9.50	12.00
	Nominal Heating	kW	7.50	10.80	13.50	7.50	10.80	13.50
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		6.50	6.11	5.61	6.50	6.11	5.61
	Annual Energy Consumption	kWh	366	544	748	366	544	748
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		4.20	4.50	4.44	4.20	4.50	4.44
	Annual Energy Consumption	kWh	2533	3517	4456	2533	3515	4456
Nominal Efficiency	EER / COP		4.07 / 4.47	4.08 / 4.04	3.4 / 4.04	4.07 / 4.47	4.08 / 4.04	3.4 / 4.04
	Energy Label		A / A	A / A	A / A	A / A	A / A	A / A
	Annual Energy Consumption	kWh	840	1230	1770	840	1230	1770
Air Flow Rate (Cooling)	High / Nom / Low	m ³ /sec	0.38 / 0.325 / 0.27	0.52 / 0.425 / 0.33	0.54 / 0.442 / 0.34	0.38 / 0.325 / 0.27	0.52 / 0.425 / 0.33	0.54 / 0.442 / 0.34
Dimensions	Height	mm	198	198	198	198	198	198
	Width	mm	950	950	950	950	950	950
	Depth	mm	950	950	950	950	950	950
Weight		kg	25	26	26	25	26	26
Sound Pressure (Cooling)	High / Nom / Low	dBA	41 / 38 / 35	46 / 42 / 39	47 / 43 / 40	41 / 38 / 35	46 / 42 / 39	47 / 43 / 40
Sound Power		dBA	59	64	65	59	64	65

Outdoor Units			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	
Electrical Details	Power Supply		1ph			3ph			
	Running Current	A	6.83	9.52	14.06	2.57	3.58	5.29	
	Starting Current	A	4	4	4	4	4	4	
	Max Fuse Size	A	20	32	32	16	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	50	75	75	
	Maximum Vertical Rise	m	30	30	30	30	30	30	
	Precharged to	m	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	2.9	4.0	4.0	
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	48 / 43	50 / 45	51 / 45	48 / 43	50 / 45	51 / 45	
Sound Power		dBA	64	66	67	64	66	67	
Air Flow Rate (Cooling)	Nom	m ³ /sec	0.98	1.17	1.17	0.98	1.17	1.17	

ECA Eligible		●	●		●	●	
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Accessories

Wireless remote controller (BRC7C58)

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