



Roundflow cassette

Seasonal Classic

FCQG-F / RZQSG Seasonal Classic

Restricted space suspended ceilings
in office and retail applications

Daikin's unique 360° Roundflow cassette, re-engineered for Seasonal Efficiency. The compact cassette has a slim casing and is designed for restricted space suspended ceilings in office and retail applications.

The remote controller gives access to a range of energy saving settings, allowing control over set-point ranges and day-to-day use of controls. The controller also gives a kWh indication of the power consumed by the cassette and outdoor unit so you can monitor your energy usage.

The Roundflow cassette and Seasonal Classic condenser can be used as a cost effective way to replace old equipment as they are able to use existing R22 and R407C pipe-work.



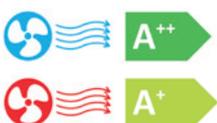
BRC1E52A



RZQSG100L8V1



FCQG-F



FCQG-F / RZQSG

Features	Benefits
Programmable air discharge outlets via remote control	Room configurations can be changed without re-positioning cassette
R22 Replacement technology	Re-use of existing R22 and R407C piping possible, allowing only fan-coil and condensers to be replaced
D3 connection as standard	Allows integration of split system into Daikin building management systems
Presence sensor	Controlling temperature set point based on occupancy can reduce running costs by up to 27%
Self-cleaning decoration panel	Automatic cleaning of air-filter can save up to 30% in running costs

Indoor unit			Single Phase				3 Phase				
			FCQG71F	FCQG100F	FCQG125F	FCQG140F	FCQG100F	FCQG125F	FCQG140F		
Cooling Capacity	Nominal	kW	6.8	9.5	12	13.4	9.5	12	13.4		
	UK Total	kW	7.28	10.8	13.6	14.9	10.8	13.6	14.9		
	UK Sensible	kW	4.99	7.44	9.3	10.25	7.44	9.3	10.25		
Heating Capacity	Nominal	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5		
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A++		A		A+		A		
		Pdesign	kW	6.8	9.5	12.0	-	9.5	12.0	-	
		SEER		6.10	6.50	5.30	-	6.50	5.30	-	
	Heating (Average climate)	Annual energy consumption	kWh	390	511	792	-	511	792	-	
		Energy label		A+		-		A+		-	
		Pdesign	kW	6.3	7.6	8.03	-	7.6	8.03	-	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	SCOP		4.10	4.10	4.01	-	4.10	4.01	-		
	Annual energy consumption	kWh	2,162	2,595	2,803	-	2,595	2,803	-		
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		3.21	3.30	3.21	3.01	3.30	3.21	3.01		
	COP		3.61	3.54	3.41		3.54	3.41			
Dimensions (with deco-panel)	Annual energy consumption	kWh	971	1,440	1,870	2,225	1,440	1,870	2,225		
	Energy label Cooling/Heating		A/A		A/B		B/B		A/B		
Nominal Power Input	Cooling / Heating	kW	1.94 / 1.83	2.88 / 3.05	3.74 / 3.96	3.45 / 4.54	2.88 / 3.05	3.74 / 3.96	4.45 / 4.54		
	Height x Width x Depth	mm	204 (264) x 840 (950) x 840 (950)			246 (306) x 840 (950) x 840 (950)			246 (306) x 840 (950) x 840 (950)		
Weight (with deco-panel)		kg	21 (26.4)			24 (29.4)			24 (29.4)		
Air Flow Rate	High / Low	m³/min	15 / 9.1	22.8 / 12.4	26 / 12.4	26 / 12.4	22.8 / 12.4	26 / 12.4	26 / 12.4		
Sound Power	High	dBA	51	54	58	58	54	58	58		
Sound Pressure	High / Low	dBA	33 / 28	37 / 29	41 / 29	41 / 29	37 / 29	41 / 29	41 / 29		
Refrigerant		Type	R410A				R410A				
Power Supply			From outdoor unit				From outdoor unit				
Controller			BRC1E52A wired				BRC1E52A wired				

Outdoor unit			RZQSG71L3V1	RZQSG100L9V1	RZQSG125L9V1	RZQSG140L9V1	RZQSG100L8Y1	RZQSG125L8Y1	RZQSG140L1Y1	
Dimensions	Height x Width x Depth	mm	770 x 900 x 320	990 x 940 x 320			1430 x 940 x 320	990 x 940 x 320		
Weight		kg	67	81			101	82		
Operation Range	Cooling Min~Max	°CDB	-15°C to +46°C				-15°C to +46°C			
	Heating Min~Max	°CWB	-15°C to +15.5°C				-15°C to +15.5°C			
Sound Power	High	dBA	65	69	70	69	69	70	69	
Sound Pressure	Nominal	dBA	49	53	51	53	53	54	53	
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	50			50			
Max Installation Height Difference		m	15	30			30			

Accessories
Self cleaning deco-panel (BYCQ140DG)
White louvred deco-panel (BYCQ140DW)
Presence sensor (BRYQ140A)
Fresh air intake kit (KDDQ55B140)

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