



FBQ-C8 / RZQG

Concealed Ceiling Unit

Seasonal Smart



RZQG125L8V1

Outdoor Unit

RZQG71	H x W x D	990 x 940 x 320mm
RZQG100/125/140	H x W x D	1430 x 940 x 320mm

Accessories

Wireless remote controller (BRC4C65)
Wireless room mounted temperature sensor (K.RSS)
Decoration grille for return air suction (BYBS71D / BYBS125B)

Seasonal Smart

Daikin's concealed ceiling unit is a ducted type fan coil that exceeds Energy Related Products Directive minimum efficiency standards for Seasonal Efficiency, combining industry leading efficiencies with functionality to suit office and retail applications.

Energy efficient and quiet, with noise levels as low as 29 decibels, the FBQ-C8 series has a slim profile to allow it to be fitted into narrow ceiling voids. It is able to be connected to flexible duct-work to provide heating and cooling in unusual shaped or long rooms.

Energy savings can be made using the remote controller which gives control over set-point ranges and day-to-day use of controls, which can be connected to an optional wireless temperature sensor to give accurate readings of room temperature for better comfort levels.

This controller also helps set-up, with the ability to adjust air-flow to suit the system without having to manually adjust duct work.

FEATURES

3 step air-flow control

Selectable evaporating and condensing temperatures

D3 connection as standard

Connectable to flexible ducting

Automatic air-flow adjustment via remote control

BENEFITS

Variable fan speeds improve comfort levels in a room

Improves energy efficiency of the 'out of the box' system by 20%, saving money on running costs

Allows integration of split system with Daikin building management systems

Air discharge grilles can be located away from the main unit for use in long or L shaped rooms

Simpler to commission the system and achieve optimum air-flow

Indoor Units			Single Phase				3 Phase			
			FBQ71C8	FBQ100C8	FBQ125C8	FBQ140C8	FBQ71C8	FBQ100C8	FBQ125C8	FBQ140C8
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+	-	-	A++	A+	-	-
		Pdesign	kW	6.8	9.5	12.0	6.8	9.5	12.0	-
		SEER	6.11	5.80	5.81	-	6.11	5.80	5.81	-
		Annual energy consumption	kWh	389	573	722	389	573	722	-
	Heating (Average climate)	Energy label	A+	A++	A+	-	A+	A++	A+	-
		Pdesign	kW	6.0	11.3	12.7	6.00	11.3	12.7	-
		SCOP	4.01	4.61	4.21	-	4.01	4.61	4.21	-
		Annual energy consumption	kWh	2,095	3,431	4,226	2,095	3,431	4,226	-
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		3.28	3.89	3.81	3.33	3.50	3.89	3.81	3.33
	COP		3.61	4.21	3.83	3.61	3.65	4.21	3.83	3.61
	Annual energy consumption	kWh	1,037	1,220	1,575	2,010	970	1,220	1,575	2,010
			A/A				A/A			
Nominal Power Input	Cooling / Heating	kW	1.94 / 2.05	2.44 / 2.57	3.15 / 3.53	4.02 / 4.3	1.94 / 2.05	2.44 / 2.57	3.15 / 3.53	4.02 / 4.3
Dimensions	Height x Width x Depth	mm	300 x 1000 x 700	300 x 1400 x 700			300 x 1000 x 700	300 x 1400 x 700		
Weight		kg	38	45			38	45		
Air Flow Rate	High / Low	m³/min	18 / 15	32 / 23	39 / 28	39 / 28	18 / 15	32 / 23	39 / 28	39 / 28
External Static Pressure	High / Nom.	Pascals	100 / 30	120 / 40	120 / 50	120 / 50	100 / 30	120 / 40	120 / 50	120 / 50
Sound Power	High	dBA	64	66	67	69	64	66	67	69
Sound Pressure	High / Low	dBA	37 / 29	38 / 32	40 / 33	40 / 33	37 / 29	38 / 32	40 / 33	40 / 33
Refrigerant	Type		R410A				R410A			
Power Supply			From outdoor unit				From outdoor unit			
Controller			BRC1E52A wired				BRC1E52A wired			

Outdoor Unit			RZQG71L8V1	RZQG100L8V1	RZQG125L8V1	RZQG140L7V1	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			



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP), Air handling units (AHU) and Fan coil units (FCU). Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com



The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin UK. Daikin UK has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin UK explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin UK.

