



FBQ60C8



BRC1E52A wired controller



FBQ-C8 / RXS-L

Concealed Ceiling Unit



RXS35L

Outdoor Unit

RXS35L	H x W x D	550 x 765 x 285mm
RXS50/60L	H x W x D	735 x 825 x 300mm

Accessories

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

Daikin's concealed ceiling unit is a ducted type fan coil that has been re-engineered for Seasonal Efficiency, combining improved efficiencies in year round conditions with functionality to suit commercial environments.

Quiet, with noise levels as low as 27 dBA, 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. The controller can also be connected to an optional wireless temperature sensor to allow give accurate readings of room temperature for better comfort levels.

The RXS-L can be used on existing R22 pipework, making the concealed ceiling unit ideal for refurbishment projects.

The concealed ceiling unit can be installed as an individual system using the RXS-L outdoor unit. Up to 4 FBQ-C8 indoor units can be connected to a Sky Air outdoor – providing simultaneous operation for large spaces. The concealed ceiling unit can also be connected to the MXS multi range, for up to 5 indoor units.

FEATURES

R22 Replacement technology

D3 connection as standard

Integral drain-pump

Automatic air-flow adjustment via remote control

BENEFITS

Re-use of existing R22 and R407C piping possible, allowing only fan-coil and condensers to be replaced

Allows integration and control of split system with Daikin building management systems

Built in pump allows drain-up of 625mm for connection to condensate drain tube in ceiling void

Simpler to commission the system and achieve optimum air-flow

Indoor Units			FBQ35C8	FBQ50C8	FBQ60C8
Capacity	UK Total Cooling	kW	3.32	4.89	5.57
	UK Sensible Cooling	kW	2.93	3.60	4.10
	Nominal Cooling	kW	3.50	5.90	5.70
	Nominal Heating	kW	4.00	5.50	7.00
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A+	A+
	Pdesign	kW	3.50	4.90	5.70
	SEER		5.97	5.85	5.72
	Annual Energy Consumption	kWh	205	293	349
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A	A
	Pdesign	kW	2.90	4.35	4.60
	SCOP		3.93	3.85	3.80
	Annual Energy Consumption	kWh	1033	1584	1693
Nominal Efficiency	EER / COP		3.21 / 3.6	3.03 / 3.42	3.26 / 3.41
	Energy Label		A / A	B / B	A / B
	Annual Energy Consumption	kWh	530	825	875
Air Flow Rate	High / Low	m ³ /min	16 / 11	16 / 11	18 / 15
Dimensions	Height	mm	300	300	300
	Width	mm	700	700	1000
	Depth	mm	700	700	700
Weight		kg	25	25	34
Sound Pressure	High / Low	dBA	32 / 27	37 / 29	37 / 30
Sound Power		dBA	50	55	55

Outdoor Units			RXS35L	RXS50L	RXS60L
Dimensions	Height x Width x Depth	mm	550 x 765 x 285	735 x 825 x 300	735 x 825 x 300
Weight		kg	34	47	48
Electrical Details	Power Supply		1ph +		1ph
	Running Current	A	4.6*	7.2*	9.2*
	Starting Current	A	4.3	6.8	9.4
	Max Fuse Size	A	10	20	20
Interconnection Wiring	Core / Cable size		3+E / 1.5		3+E / 2.5
Piping Connections	Liquid / Gas	inches	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2
Pipework	Maximum Length	m	20	30	30
	Maximum Vertical Rise	m	15	20	20
	Precharged to	m	10	10	10
	Additional Charge	g/m	20	20	20
	Holding Charge	kg	1.2	1.7	1.5
Sound Pressure	High	dBA	48	48	49
Sound Power		dBA	61	62	62

+: FBQ35C8 requires separate single phase 5 amp power source
* denotes provisional data



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



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