



FBQ-C8 / RXS-L

Functionality to suit commercial environments



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.



BRC1E52A wired controller



RXS35L



FBQ60C8

FBQ-C8 / RXS-L

Features	Benefits
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
Integral drain-pump	Built in pump allows drain-up of 625mm for connection to condensate drain tube in ceiling void
Automatic air-flow adjustment via remote control	Simpler to commission the system and achieve optimum air-flow

Indoor unit			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	m³/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 unit			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	
	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

Accessories

Wireless remote controller (BRC4C65)

Wireless room mounted temperature sensor (K.RSS)

Decoration grille for return air suction (BYBS71D / BYBS125B)

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