

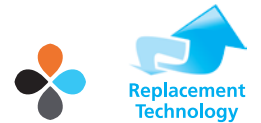


Concealed ceiling unit

Seasonal Efficiency

FBQ-D / 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 25 dBA, the FBQ-D 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.

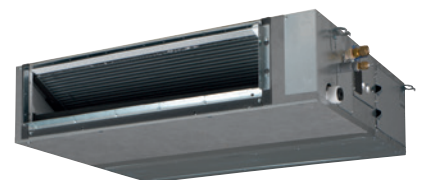
The concealed ceiling unit can be installed as an individual system using the RXS-L outdoor unit. Up to 4 FBQ-D indoor units can be connected to a Sky Air outdoor – providing simultaneous operation for large spaces. The concealed ceiling unit can also be connected to the MXS multi range, for up to 5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



BRC1E52A wired controller



RXS35L3



FBQ-D



FBQ-D / 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 Units			DC Ducted		
			FBQ35D	FBQ50D	FBQ60D
Capacity	UK Total Cooling	kW	3.32	4.89	5.57
	UK Sensible Cooling	kW	2.93	3.55	4.09
	Nominal Cooling	kW	3.40	5.00	5.70
	Nominal Heating	kW	4.00	5.50	7.00
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A+
	Pdesign	kW	3.40	5.00	5.70
	SEER		6.17	6.21	5.86
	Annual Energy Consumption	kWh	193	282	340
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+
	Pdesign	kW	2.90	4.40	4.60
	SCOP		4.07	4.06	4.01
	Annual Energy Consumption	kWh	998	1517	1606
Nominal Efficiency	EER / COP		3.99 / 4.02	3.52 / 3.83	3.45 / 3.71
	Energy Label		A / A	B / A	B / A
	Annual Energy Consumption	kWh	426	710	826
Air Flow Rate (Cooling)	High / Nom / Low	m³/sec	0.25 / 0.21 / 0.18	0.25 / 0.21 / 0.18	0.30 / 0.25 / 0.21
External Static Pressure	High / Nom	Pa	150 / 30		
Dimensions	Height	mm	245		
	Width	mm	700		1000
	Depth	mm	800		
Weight		kg	28		56
Sound Pressure (Cooling)	High / Nom / Low	dBA	35 / 32 / 29	35 / 32 / 29	30 / 28 / 25
Sound Power		dBA	60	60	55

Outdoor Units			RXS35L3	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 (refer to databook)		
	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 / 1.5	
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	
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 (Cooling)	High / Silent Operation (Low*)	dBA	48 / 44	48 / 44*	49 / 46*
Sound Power		dBA	61	62	62
Air Flow Rate (Cooling)	High	m³/sec	0.6	0.85	0.84

Accessories
Wireless remote controller (BRC4C65)
Wireless room mounted temperature sensor (K.RSS)

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