



FCQG50F



BRC1E52A wired controller



FCQG-F / RXS-L

Roundflow Cassette



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

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

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 RXS-L 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.

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

FCQG-F / RXS-L pairs are listed on the Energy Technology List (ETL) – the definitive list of products that qualify for Enhanced Capital Allowance (ECA).



Authorised User No. 00051



FEATURES

Programmable air discharge outlets via remote control

R22 Replacement technology

D3 connection as standard

Presence sensor

Self-cleaning decoration panel

BENEFITS

Room configurations can be changed without re-positioning cassette

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 into building management systems

Controlling temperature set point based on occupancy can reduce running costs by up to 27% over a 3 hour period

Automatic cleaning of air-filter can save up to 50%* in running costs

* See self-cleaning cassette case study

Indoor Units			FCQG35F	FCQG50F	FCQG60F
Capacity	UK Total Cooling	kW	3.32	4.89	5.57
	UK Sensible Cooling	kW	2.29	3.26	3.67
	Nominal Cooling	kW	3.40	5.00	5.70
	Nominal Heating	kW	4.20	6.00	7.00
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++
	Pdesign	kW	3.50	5.00	5.70
	SEER		6.35	6.48	6.22
	Annual Energy Consumption	kWh	193	270	321
Seasonal Efficiency (EN14825) HEATING	Energy Label		A++	A++	A+
	Pdesign	kW	3.32	4.36	4.71
	SCOP		4.90	4.29	4.00
	Annual Energy Consumption	kWh	949	1426	1646
Nominal Efficiency	EER / COP		3.58 / 3.5	3.55 / 3.7	3.48 / 3.52
	Energy Label		A / B	A / A	A / B
	Annual Energy Consumption	kWh	475	705	820
Air Flow Rate	High / Low	m ³ /min	12.5 / 8.7	12.6 / 8.7	13.6 / 8.7
Dimensions (with Decoration Panel)	Height	mm	204 (264)	204 (264)	204 (264)
	Width	mm	840 (950)	840 (950)	840 (950)
	Depth	mm	840 (950)	840 (950)	840 (950)
Weight (with Decoration Panel)		kg	18 (23.4)	19 (24.4)	19 (24.4)
Sound Pressure	High / Low	dBA	31 / 27	31 / 27	33 / 28
Sound Power		dBA	49	49	51

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	
	Running Current	A	4.00	6.30	7.40
	Starting Current	A	4.30	6.80	9.40
	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



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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