



Roundflow cassette

VRV indoor unit

FXFQ-B

Unique round flow design

Daikin's unique 360° Roundflow cassette, re-engineered for Seasonal Efficiency now includes an optional auto cleaning filter, which automatically cleans itself daily, leading to yearly energy savings of up to 50%.



FXFQ20-63B



BRC1H519W7



BRC7FA532F

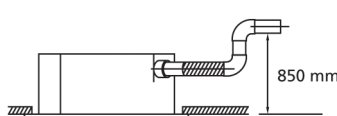
Presence sensor



Floor sensor

Features and benefits:

- > The Roundflow cassette provides a more comfortable environment and offers greater savings in energy consumption to shop, office and restaurant owners
- > 360° air discharge ensures uniform air flow and temperature distribution
- > Modern style decoration panel is available in four different variations: pure white (RAL9010) auto cleaning panel, pure white (RAL9010) standard panel with grey louvers and pure white (RAL9010) standard panel with white louvers and black (RAL9005)
- > Daikin introduces first auto cleaning cassette to European market
- > Higher efficiency and comfort thanks to daily auto cleaning of the filter
- > Lower maintenance costs thanks to auto cleaning function
- > Easy dust removal with vacuum cleaner without opening the unit
- > The presence sensor (optional) adjusts the set point with standard 1°C if no one is detected in the room, it is possible to adjust the set point with 2, 3 or 4°C (optional). It also automatically directs air flow away from any person to avoid draught
- > The floor sensor (optional) detects the average floor temperature and ensures even temperature distribution between ceiling and floor, reducing cold feet problems.
- > Individual flap control: one flap can be easily closed via the wired remote control (BRC1E52A) in case you refurbish or rearrange your interior
- > Low energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- > Fresh air intake: up to 20 %
- > Low installation height: 214mm for class 20-63
- > Standard drain pump with 850mm lift



* Option not available in combination with BYCQ140D7GW1

FXFQ-B

Indoor Units			FXFQ20B	FXFQ25B	FXFQ32B	FXFQ40B	FXFQ50B	FXFQ63B	FXFQ80B	FXFQ100B	FXFQ125B
Capacity	UK Total Cooling	kW	1.80	2.30	2.90	3.60	4.50	5.70	7.20	9.00	11.30
	UK Sensible Cooling	kW	1.60	1.90	2.60	3.00	3.60	4.60	5.80	6.90	8.60
	Nominal Cooling	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00
	Nominal Heating	kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00
Air Flow Rate	High	m³/sec	0.208	0.208	0.208	0.227	0.250	0.275	0.380	0.442	0.550
	Nom	m³/sec	0.177	0.177	0.177	0.193	0.213	0.225	0.293	0.325	0.442
	Low	m³/sec	0.147	0.147	0.147	0.158	0.175	0.175	0.207	0.207	0.332
Dimensions	Height x Width x Depth	mm	204x840x840						246x840x840		288x840x840
Weight		kg	19	19	19	20	21	21	24	24	26
Standard Decoration Panels	Model		Roundflow BYCQ140E white (standard panel) / Roundflow BYCQ140EB black								
	Colour		Pure White (RAL 9010) / Black (RAL9005)								
	Dimensions H x W x D	mm	50x950x950								
	Weight	kg	5.5								
Fully White Decoration Panel	Model		Roundflow with white louvres BYCQ140EW								
	Colour		Pure White (RAL 9010)								
	Dimensions H x W x D	mm	50x950x950								
	Weight	kg	5.5								
Self Cleaning Decoration Panels	Model		Roundflow self-cleaning BYCQ140EGF white / Roundflow self-cleaning BYCQ140EGFB black								
	Colour		Pure White (RAL 9010) / Black (RAL9005)								
	Dimensions H x W x D	mm	130x950x950								
	Weight	kg	10.3								
Electrical Details	Running Current	amps	0.3	0.3	0.3	0.3	0.4	0.4	0.6	0.8	1.3
	Power Supply	Phase / Hz / V	1 / 50 / 230								
	Fuse Rating	amps	5.0								
Sound Level	Sound Pressure	High	dBA	31.0	31.0	31.0	33.0	33.0	35.0	38.0	43.0
		Nom	dBA	29.0	29.0	29.0	31.0	31.0	33.0	34.0	37.0
		Low	dBA	28.0	28.0	28.0	29.0	29.0	30.0	30.0	36.0
	Sound Power		dBA	49	49	49	51	51	53	55	60
			dBA	49	49	49	51	51	53	55	61
Piping Connections	Liquid	inch (mm)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas	inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)

Notes:

- Cassette prices include standard decoration panel - self cleaning panel available as an accessory item
- BYCQ140E = pure white panel with grey louvers, BYCQ140EW = pure white standard panel with white louvers, BYCQ140EGF = Pure white auto cleaning panel with fine filter
The BYCQ140EW has white insulations. Be informed that formations of dirt on white insulation is visibly stronger & that it is consequently not advised to install the decoration panel in environments exposed to concentrations of dirt
- For accessories please refer to pages 120 - 137

Options & accessories

Adapters and controls	FXFQ 20~125A	Other options	FXFQ 20~125A
BRC1H519W7, BRC1H519S7, BRC1H519K7 Wired touch screen remote controller (White, Silver and Black)	•	Decoration panel (obligatory for cassette units, optional for others, rear panel for FXLQ)	BYCQ140EGF (self clean) *5 *6 BYCQ140EW (white) *3 BYCQ140E (standard)
BRC1D52 Standard wired remote control with weekly timer	•*4	Kit for mounting of decoration panel direct onto unit	-
Infrared remote control including receiver	BRC7FA532F	Panel spacer for reducing required installation height	-
BRC2E52A Simplified wired remote control for heat recovery	-	Sealing kit for 3-directional or 2 directional air discharge	KDBHQ55140 *7
BRC3E52A Simplified wired remote control for heat pump	-	Fresh air intake kit	KDDQ55B140-1 + KDDQ55B140-2 *7 *8
DCS302C51 Central remote control	•	Air discharge adapter for round duct	-
DCS301B51 Unified ON/OFF control	•	Filter chamber for bottom suction	-
DST301B51 Schedule timer	•	Replacement long life filter	KAFP551K160
DCM601A51 Intelligent Touch Manager	•	Drain pump kit	standard
External wired temperature sensor	KRCS01-4	Sensor kit	BRYQ140A
External wireless temperature sensor	K.RSS	Noise filter (for electromagnetic use only)	-
Adapter for wiring (interlock for fresh air intake fan)	-		
Wiring adapter for external monitoring/control via dry contacts and setpoint control via 0-140 Ω	KRP4A53 *2 *7		
Wiring adapter for external central monitoring / control (controls 1 entire system)	-		
Wiring adapter with 4 output signals (compressor / Error, Fan, Aux. heater, Humidifier output)	EKRP1C11 *2 *7		
Wiring adapter with 2 output signals (compressor / Error, Fan)	KRP1B57 *2 *7		
Adapter for multi-tenant (24VAC PCB power interface)	DTA114A61		
External control adapter for outdoor unit	-		
Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchboard)	KRP1H98 *7		
Connector for forced-off contact	standard		
Connection to centralised control	standard		
Electrical box with earth terminal (2 blocks)	KJB212A		
Electrical box with earth terminal (3 blocks)	KJB311A		
Electrical box with earth terminal	-		
Digital input adapter	-		

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