



Roundflow cassette

VRV indoor unit

FXFQ-A

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%.



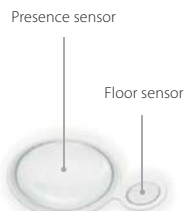
FXFQ20-63A



BRC1E52A/B



BRC7FA532F

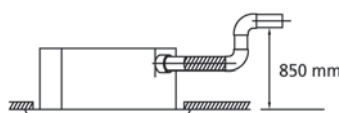


Presence sensor

Floor sensor

Features and benefits:

- > The round flow 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 3 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
- > 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-A

Indoor unit			FXFQ20A	FXFQ25A	FXFQ32A	FXFQ40A	FXFQ50A	FXFQ63A	FXFQ80A	FXFQ100A	FXFQ125A	
Cooling capacity	Nom.	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	
Heating capacity	Nom.	kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	
Power input - 50Hz	Cooling	Nom.	0.038			0.053		0.061	0.092	0.115	0.186	
	Heating	Nom.	0.038			0.053		0.061	0.092	0.115	0.186	
Dimensions	Unit	H x W x D	204x840x840						246x840x840		288x840x840	
Weight	Unit	kg	19			20		21		24	26	
Decoration panel	Model	Roundflow BYCQ140D (standard panel)										
	Colour	Pure White (RAL 9010)										
	Dimensions	H x W x D	60x950x950									
	Weight	kg	5.4									
Decoration panel 2	Model	Roundflow with white louvres BYCQ140DW										
	Colour	Pure White (RAL 9010)										
	Dimensions	H x W x D	60x950x950									
	Weight	kg	5.4									
Decoration panel 3	Model	Roundflow self cleaning BYCQ140DG										
	Colour	Pure White (RAL 9010)										
	Dimensions	H x W x D	145x950x950									
	Weight	kg	10.3									
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	12.5/10.6/8.8			13.6/11.6/9.5	15.0/12.8/10.5	16.5/13.5/10.5	22.8/17.6/12.4	26.5/19.5/12.4	33.0/26.5/19.9	
	Heating	High/Nom./Low	12.5/10.6/8.8			13.6/11.6/9.5	15.0/12.8/10.5	16.5/13.5/10.5	22.8/17.6/12.4	26.5/19.5/12.4	33.0/26.5/19.9	
Sound power level	Cooling	High/Nom.	49/-			51/-		53/-	55/-	60/-	61/-	
Sound pressure level	Cooling	High/Nom./Low	31/29/28			33/31/29		35/33/30	38/34/30	43/37/30	45/41/36	
	Heating	High/Nom./Low	31/29/28			33/31/29		35/33/30	38/34/30	43/37/30	45/41/36	
Refrigerant	Type	R-410A										
Piping connections	Liquid/OD/Gas/OD/Drain	mm	6.35/12.7/VP25 (O.D. 32 / I.D. 25)					9.52/15.9/VP25 (O.D. 32 / I.D. 25)				
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/ 220-240									
Current - 50Hz	Maximum fuse amps (MFA)	A	16									

BYCQ140D7W1 = pure white panel with grey louvers, BYCQ140D7W1W = pure white standard panel with white louvers, BYCQ140D7GW1 = Pure white auto cleaning panel
 The BYCQ140D7W1W 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.

Options & accessories

Adapters and controls	FXFQ 20~125A
BRC1E52A/B Premium wired remote control with full text interface and back light	•
BRC1D52 Standard wired remote control with weekly timer	•*4
Infrared remote control including receiver	BRC7FA532F
BRC2E52A Simplified wired remote control for heat recovery	-
BRC3E52A Simplified wired remote control for heat pump	-
DCS302C51 Central remote control	•
DCS301B51 Unified ON/OFF control	•
DST301B51 Schedule timer	•
DCM601A51 Intelligent Touch Manager	•
External wired temperature sensor	KRCS01-4
External wireless temperature sensor	K.RSS
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	-

Other options	FXFQ 20~125A
Decoration panel (obligatory for cassette units, optional for others, rear panel for FXLQ)	BYCQ140D7GW1 (self clean) *5 *6 BYCQ140D7W1W (white) *3 BYCQ140D7W1 (standard)
Kit for mounting of decoration panel direct onto unit	-
Panel spacer for reducing required installation height	-
Sealing kit for 3-directional or 2 directional air discharge	KDBHQ55140 *7
Fresh air intake kit	KDDQ55B140-1 + KDDQ55B140-2 *7 *8
Air discharge adapter for round duct	-
Filter chamber for bottom suction	-
Replacement long life filter	KAFP551K160
Drain pump kit	standard
Sensor kit	BRYQ140A
Noise filter (for electromagnetic use only)	-

*2 Installation box is necessary for these adapters
 *3 The BYCQ140D7W1W has white insulation
 Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt*
 *4 Not recommended because of the limitation of the functions
 *5 To be able to control the BYCQ140D7GW1 the controller BRC1E is needed
 *6 The BYCQ140D7GW1 is not compatible with Mini VRV, Multi and Split Non-Inverter Outdoor units
 *7 Option not available in combination with BYCQ140D7GW1
 *8 Both parts of the fresh air intake are needed for each unit

The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin UK. Daikin UK has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin UK explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin UK.

