

- Daikin
- Roundflow Cassette
- FXFA-A
- Indoor Unit
- Cooling 2.2kW - 14.0kW
- Heating 2.5W - 16.0kW
- R32
- VRV

**R-32**

VRV - Round Flow Cassette type FXFA-A

- Daikin

F-Gas Certified

To be able to purchase this product we must hold a copy of your company F-Gas Certification on your account.

Links to accepted certification

[REFCOM](#)

[F-Gas](#)

Product

Round flow cassette

360° air discharge for optimum efficiency and comfort

Application

- Cooling or Heating

Advantage

- Optimised design for R-32 refrigerant
- Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs.
- Two optional intelligent sensors improve energy efficiency and comfort
- Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- Bigger flaps and unique swing pattern improve equal air distribution
- Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- Lowest installation height in the market: 214mm for class 20-63
- Optional fresh air intake
- Standard drain pump with 675mm lift increases flexibility and installation speed

Refrigerant

- R32

Features

- Onecta app (optional) **(optional)**

Control your indoor climate from any location via smartphone or tablet

- Presence & floor sensor **(optional)**

The presence sensor directs the air away from any person detected in the room, when the air flow control is on. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor.

- Home leave operation

Maintains the indoor temperature at your specified comfort level during absence, thus saving energy

- Fan only

The unit can be used as fan, blowing air without heating or cooling.

- Draught prevention

When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired.

- Auto cooling-heating changeover

Automatically selects heating or cooling mode to achieve the set temperature.

- Whisper quiet

Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood.

- Ceiling soiling prevention

Prevents air from blowing out too long in horizontal position, to prevent ceiling stains.

- Individual flap control

Individual flap control via the wired remote controller enables you to easily fix the position of each flap individually, to suit any new room configuration. Optional closure kits are available as well.

- Vertical auto swing

Possibility to select automatic vertical moving of the air discharge flaps for efficient air and temperature distribution throughout the room.

- Fan speed steps **(5 steps + auto)**

Allows to select up to the given number of fan speed.

- Dry programme

Allows humidity levels to be reduced without variations in room temperature.

- Air filter **(pre filter)**

Removes airborne dust particles to ensure a steady supply of clean air.

- Weekly timer

Can be set to start heating or cooling anytime on a daily or weekly basis.

- Infrared remote control **(optional - must be combined with Madoka wired remote controller)**

Starts, stops and regulates the air conditioner from a distance.

- Wired remote control **(required option)**

Starts, stops and regulates the air conditioner.

- Centralised control **(optional)**

Starts, stops and regulates several air conditioners from one central point.

- Auto-restart

The unit restarts automatically at the original settings after power failure.

- Self diagnosis

Simplifies maintenance by indicating system faults or operating anomalies.

- Multi tenant

The indoor unit's main power supply can be turned off when leaving the hotel or office building.

- Drain pump kit **(standard)**

Facilitates condensation draining from the indoor unit.

- Auto-cleaning filter **(optional)**

The filter automatically cleans itself. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance.

Applicable outdoor units

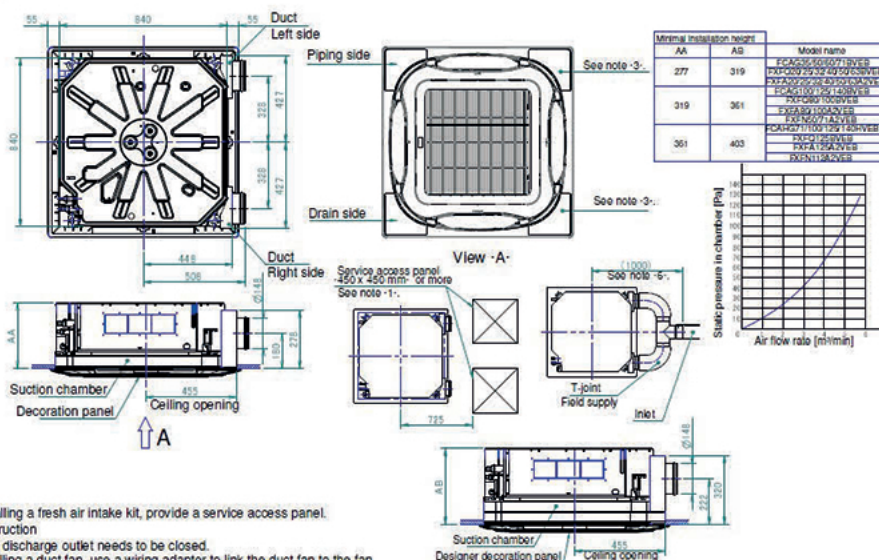
Applicable outdoor units

- Type RXYSA 4/5/6 AV1
- Type RXYSA 4/5/6 AY1
- Type REYA 8/10/12/14/16/18/20 A
- Type REMA5-A (Multi Only)

		Specifications								
Indoor Units		FXFA20A	FXFA25A	FXFA32A	FXFA40A	FXFA50A	FXFA63A	FXFA80A	FXFA100A	FXFA125A
Capacity	UK Total Cooling kW	1.6	2.1	2.7	3.3	4.1	5.2	6.5	8.2	10.3
	UK Sensible Cooling kW	1.3	1.7	2.1	2.6	3.1	3.9	5	6.4	8
	Nominal Cooling kW	2.2	2.8	3.6	4.5	5.6	7.1	9	11.2	14
	Nominal Heating kW	2.5	3.2	4	5	6.3	8	10	12.5	16
Air Flow Rate	High m ³ /sec	0.213	0.213	0.213	0.247	0.252	0.277	0.388	0.48	0.55
	Nom m ³ /sec	0.178	0.178	0.178	0.21	0.213	0.222	0.322	0.353	0.457
	Low m ³ /sec	0.148	0.148	0.148	0.173	0.178	0.178	0.23	0.23	0.343
Dimensions Height x Width x Depth mm		204x840x840						246x840x840		288x840x840
Weight kg		18	18	18	19	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	65x950x950								
	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	65x950x950								
	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	148x950x950								
	Weight kg	10.3								
Electrical Details	Running Current amps	0.2	0.2	0.2	0.2	0.3	0.3	0.5	0.7	1.2
	Power Supply Phase / Hz / V	1 / 50 / 230								
	Fuse Rating amps	6								
Sound Level	Sound Pressure	High dBA	31	31	31	33	33	35	38	45
		Nom dBA	29	29	29	31	31	33	34	41
		Low dBA	28	28	28	29	29	30	30	36
	Sound Power 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)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)	3/8 (9.5)
	Gas inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)

Dimensions

FXFA-A



- Notes
- When installing a fresh air intake kit, provide a service access panel.
 - Field construction.
 - This corner discharge outlet needs to be closed.
 - When installing a duct fan, use a wiring adapter to link the duct fan to the fan of the indoor unit.
 - The intake air flow rate is recommended to be $\leq 20\%$ of the air flow rate at high fan speed. If the intake air flow rate is too large, the operating sound may increase, and the detection of the indoor unit suction temperature may be affected.
 - This indicates the distance between the T-joint inlet and the indoor unit inlet when the T-tube is connected.

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Installation

