



Perfecting the Air

- PERFECT FIT FOR COMMERCIAL APPLICATIONS**
- INSTALLATION WITHOUT THE NEED OF CEILING CAVITY**
- BUILT-IN DRAIN PUMP**



HEATING AND COOLING SOLUTIONS

FXUQ-AVEB



4-WAY FLOW CEILING SUSPENDED TYPE

A low profile under ceiling cassette with clean, contemporary aesthetics. Ideal for installation in bare ceilings with no cavity.

The FXUQ-AVEB series is a 4-way flow under ceiling cassette. Flaps close automatically when the unit stops, which gives a simple appearance but it is packed with advanced features such as 5-step individual flap control, efficient DC fan motor and a built-in drain pump.



COMFORT

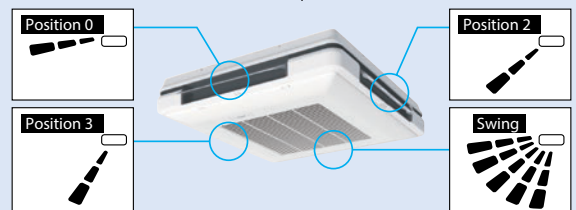
- Airflow direction adjustment can be individually adjusted for each air discharge outlet to deliver optimal air distribution. 5 directions of airflow and auto-swing can be selected with wired remote controller BRC1E63.

8.0kW
-TO-
11.2kW
RATED COOLING CAPACITIES

9.0kW
-TO-
12.5kW
RATED HEATING CAPACITIES

2
MODELS

Individual airflow direction example case



- Control of the airflow rate can be selected from 3-step control. Auto airflow rate control can be selected with wired remote controller.



SLIM DESIGN

- Unit body and suction panel have round shapes that form a slim design, that fits various locations such as the ceilings without cavity.
- All models have a unified slim height of 198 mm that gives a similar impression even when models with different capacities are installed in the same area.



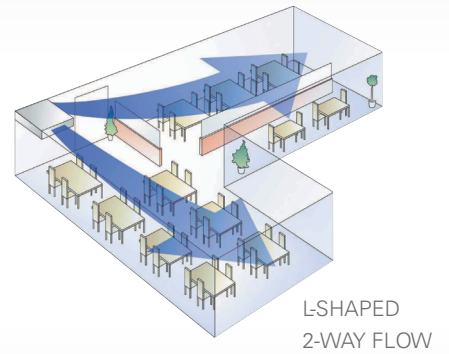
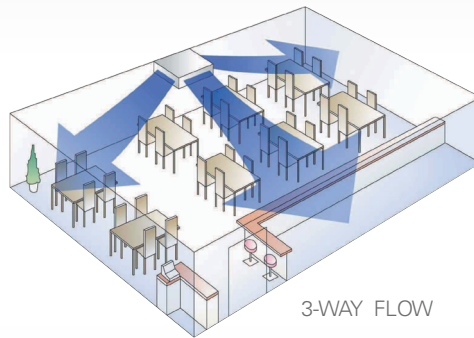
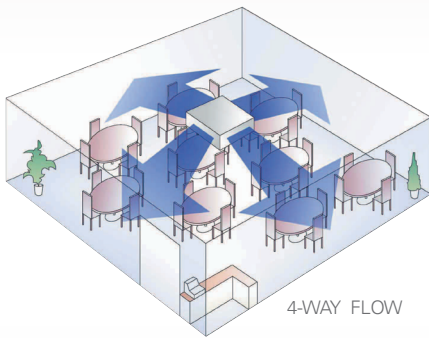
DRAIN PUMP ACCESSORY

Drain pump is equipped as standard accessory with 600 mm lift.

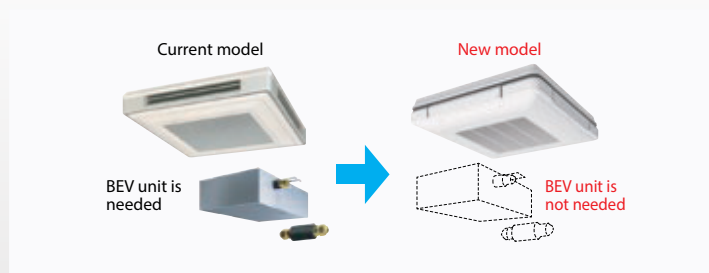


FLEXIBLE INSTALLATION

- Depending on installation site requirements or room conditions, 2-way, 3-way and 4-way discharge patterns are available.



- Built-in electronic expansion valve eliminates the need for a BEV unit, which improves flexibility of installation.



SPECIFICATIONS

MODEL			FXUQ71AVEB	FXUQ100AVEB
Power Supply			1-phase, 220-240 V/220-230 V, 50/60 Hz	
Cooling capacity		Btu/h	27,300	38,200
		kW	8.0	11.2
Heating capacity		Btu/h	30,700	42,700
		kW	9.0	12.5
Power consumption	Cooling	kW	0.090	0.200
	Heating		0.073	0.179
Casing			Fresh white	
Airflow rate (H/M/L)		l/s	375/325/267	517/433/350
		m ³ /min	22.5/19.5/16	31/26/21
Sound level (H/M/L)			40/38/36	47/44/40
Sound power (H/M/L)			58/56/54	65/62/58
Dimensions (HxWxD)		mm	198×950×950	
Machine weight		kg	26	27
Piping connections	Liquid (Flare)	mm	9.5	
	Gas (Flare)		15.9	
	Drain		VP20 (External Dia. 26/Internal Dia. 20)	

Notes:

- Specifications are based on the following conditions;
 - Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 - Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CWB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

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