

Bedroom Duct Type

FXDBQ-A

Suitable for close living spaces such as hotels and condominiums



Installation flexibility

Only 700 mm width

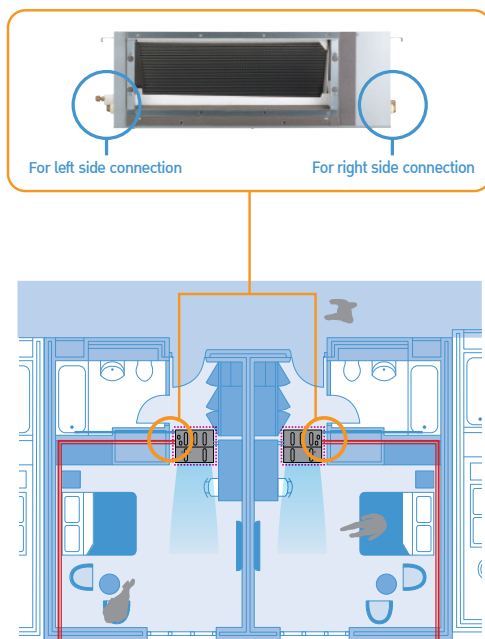
- Installation is possible even in narrow entrance ways at hotels and condominiums.



*1,000 mm in width for the FXDBQ63/80 model.

Mirror piping

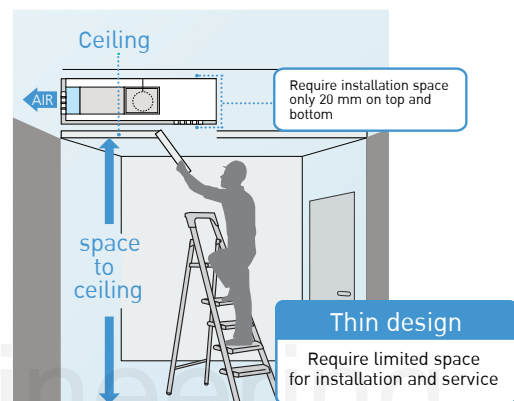
- Allows pipe installation from either side of indoor unit, simplified design process and installation.



Easy maintenance

1-stop service space

- Requires minimum spaces for installation and maintenance can be done from only one inspection access.



Easier and faster cleaning

- In conventional model, the parts need to be removed one by one in order. However in new model, the integrated fan motor can be removed and reinstalled in one time.



Easy access to control box from bottom side

- All wiring is simplified to control box, so maintenance can be done from bottom side.



Delay/Reset Timer features of hotel key card interlock

The FXDBQ series indoor unit can be interlocked with the new hotel key card system, to maximize guest comfort while keeping control of energy usage.

Delay Timer

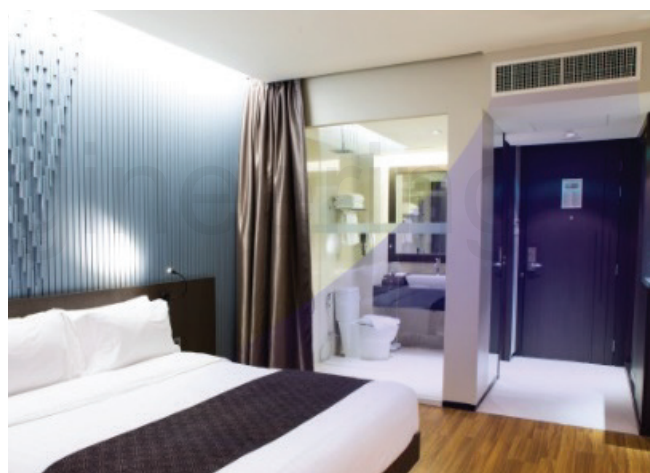
Delay Timer will start after key card is removed as long as this timer does not expire, the unit continues to operate as per normal.

Reset Timer

Reset Timer will start after the Delay Timer has expired. The previous setting will be reset to the "Default ResetSetting" state after the Reset Timer finished counting down. The Reset Timer can be set between 0 - 20 hours and default value is set to 20 hours.

Energy Efficiency & Comfort

- Control of airflow rate can be selected from 5-step and Auto to provide comfortable airflow.
- Quiet operation 27 dB(A) in L tap for the FXDBQ40/63



Specifications

MODEL		FXDBQ40AVM	FXDBQ50AVM	FXDBQ63AVM	FXDBQ80AVM
Power supply		1-phase, 220-240 V/220-230 V, 50/60 Hz			
Cooling capacity	Btu/h	15,400	19,100	24,200	30,700
	Btu/h*	15,500	19,300	24,400	30,900
	kW	4.5 / 4.6*	5.6 / 5.7*	7.1 / 7.2*	9.0 / 9.1*
Power consumption* ¹	kW	0.062	0.080	0.090	0.120
Casing		Galvanized steel plate			
Airflow rate (H/HM/M/ML/L)	m ³ /min	13.3/12/10.5/10/8.5	14.8/13/11.5/10.5/9	22/19/18/16/14.5	25/22/20/18/16
	cfm	470/424/371/353/300	522/459/406/371/318	777/671/635/565/512	883/777/706/635/565
External static pressure	Pa	15-50 (15)* ²			
Sound level (H/HM/M/ML/L)* ¹	dB(A)	35/33/31/29/27	37/36/33/31/28	35/33/31/29/27	37/35/34/32/30
Dimensions (HxWxD)	mm	245x700x800		245x1,000x800	
Machine weight	kg	26		36	
Piping connections	Liquid (Flare)	φ6.4		φ9.5	
	Gas (Flare)	φ12.7		φ15.9	
	Drain	VP25 (External Dia. 32/Internal Dia.25)			

Notes: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB; 27°CDB, 19.5°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Height difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.

During actual operation, these values are normally somewhat higher as a result of ambient conditions.

*1: Power consumption values are based on conditions of rated external static pressure.

*2: External static pressure is changeable to set by the remote controller. These values indicate the lowest and highest possible static pressures. The rated static pressure is 15 Pa.