

Perfecting the Air

**VRV**

**NEW**

## Bedroom Duct Type Indoor Units

FXDBQ40/50/63/80AVM(4)(S)



Suitable for close living spaces such as hotels and condominiums  
Maximize guest comfort while keeping control of energy usage  
with new features of hotel key card interlock.

50/60 Hz

**R-410A**

# Bedroom Duct Type

**NEW** FXDBQ-A series

## Installation flexibility

### ■ Only 700 mm width

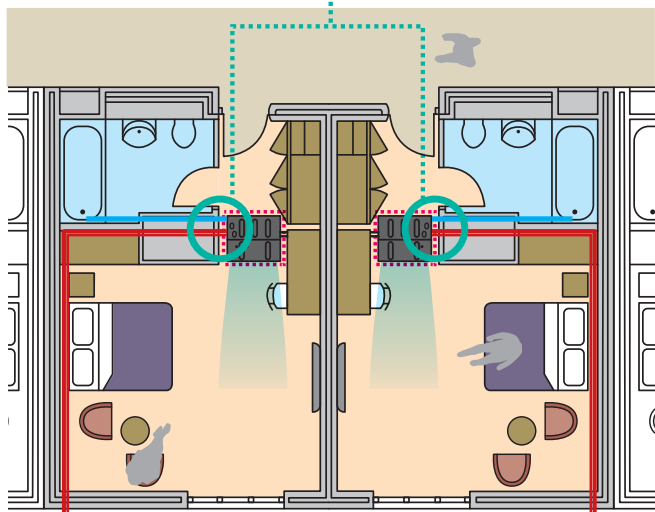
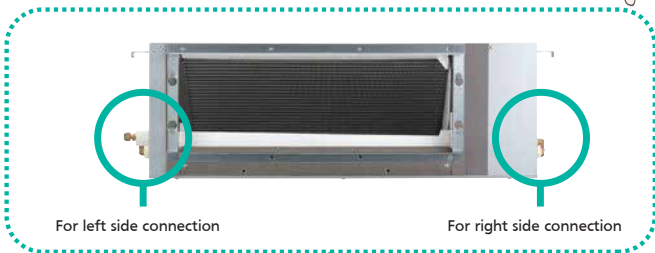
Installation is possible even in narrow entrance ways at hotels and condominiums.



### ■ Mirror piping

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

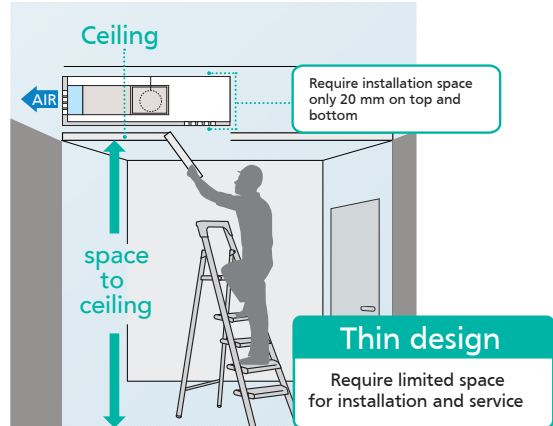
Can select!



## Easy maintenance

### ■ 1-stop service space

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



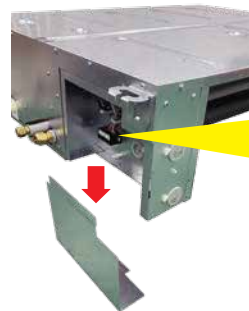
### ■ Easier and faster cleaning

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.



Easy access to Control box

## Energy efficiency & comfort

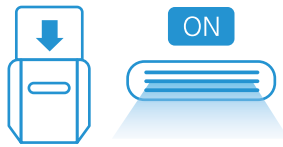
- Energy efficiency due to VRT smart control.
- Control of airflow rate can be selected from 5-step and Auto to provide comfortable airflow.
- Quiet operation  
27 dB(A) in L tap for the FXDBQ40/63



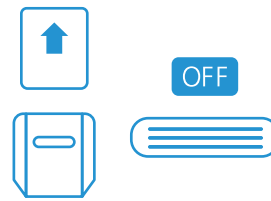
# Hotel key card interlock

When guests enter and leave the hotel room, the smart key card function automatically communicates with Daikin units and turn on and off the air conditioning. It is equipped with Delay timer and Reset timer showed at below.

When guest entered the room



When guest left the room



**NEW**

## 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

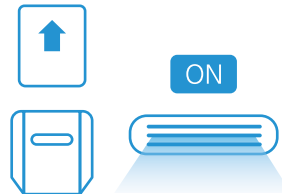
Delay Timer will start after key card is removed as long as this timer does not expire, the unit continues to operate as per normal. Below shows how the Delay Timer works:

#### How the Delay Timer works:

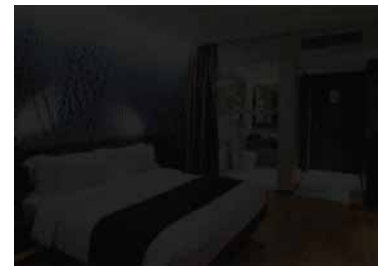
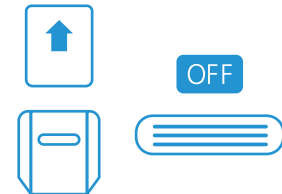
When a guest enters the room and inserts the hotel key card, the system in the room will start to operate.



When the guest removes the key card and leaves the room, the Delay Timer will start. As long as this timer does not expire, it continues to operate normally.



The Delay Timer can be set between 0 – 10 minutes and thereafter the systems will stop. The default value is set to 1 minute.

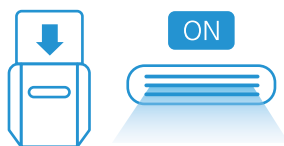


### Reset Timer

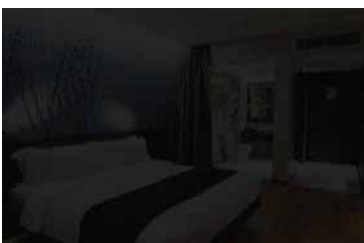
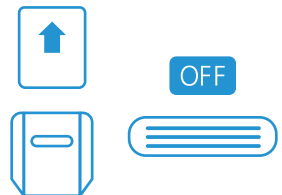
Reset Timer will start after the Delay Timer has expired. The previous setting will be reset to the "Default Reset Setting" state after the Reset Timer finished counting down. The Reset Timer can be set between 0 - 20 hours and default value is set to 20 hours. Below shows how the Reset Timer works:

#### How the Reset Timer works:

When a guest enters the room and inserts the hotel key card, the system in the room will start to operate. The guest can set the preferred room temperature.



When the guest removes the key card and leaves the room, the Delay Timer will start. Reset Timer will start after Delay timer has finished counting.





(A) If the guest returns to the room within 20 hours, the temperature remains as previously set.



(B) If the guest returns to the room after 20 hours, the previous setting will be reset to the "Default Reset Setting"



# Specifications

MODEL		FXDBQ40AVM(4)(S)	FXDBQ50AVM(4)(S)	FXDBQ63AVM(4)(S)	FXDBQ80AVM(4)(S)	
						
Power supply		VM/VM4: 1-phase, 220-240 V/220-230 V, 50/60 Hz VMS: 1-phase, 220 V, 50 Hz				
Cooling capacity	Btu/h	15,400	19,100	24,200	30,700	
	kW	4.5	5.6	7.1	9.0	
Heating capacity	Btu/h	17,100	21,500	27,300	34,100	
	kW	5.0	6.3	8.0	10.0	
Power consumption*	Cooling	kW	0.062	0.080	0.090	0.120
	Heating		0.062	0.080	0.090	0.120
Casing		Galvanized steel plate				
Airflow rate (H/HM/M/ML/L)	m <sup>3</sup> /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)* <sup>2</sup>				
Sound level (H/HM/M/ML/L)*	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	245×700×800		245×1,000×800		
Machine weight	kg	26		36		
Piping connections	Liquid (Flare)	mm	φ6.4		φ9.5	
	Gas (Flare)		φ12.7		φ15.9	
	Drain		VM/VM4: VP25 (External Dia. 32/Internal Dia.25) VMS: External Dia. 34/Internal Dia.25			

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.
- 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.

## Option List

Optional accessories	FXDBQ40/50/63/80AVM(4)(S)	
Stylish remote controller*	BRC1H61W (White) / BRC1H61K (Black)	
Navigation remote controller	BRC1E63	
Simplified remote controller*	BRC2E61	
Wireless remote controller	Cooling Only	BRC4C66
	Heat Pump	BRC4C65
Adaptor for wiring (operation status output)	★ BRP11B62	
Wiring adaptor for electrical appendices (1)	★ KRP2A61	
Wiring adaptor for electrical appendices (2)	★ KRP4AA51	
Remote sensor (for indoor temperature)	BRC501A-6	
Installation box for adaptor PCB ☆* <sup>1</sup>	KRP4A98* <sup>2,3</sup>	
External control adaptor for outdoor unit	★ DTA104A61	
Multi tenant unit for Indoor (24 V free type)	★ BRP114A61	
Digital input adaptor	★ BRP7A51* <sup>4</sup>	

Notes: \*1. Installation Box☆ is necessary for each adaptor marked★.

\*2. Up to 2 adaptors can be fixed for each installation box.

\*3. Only one installation box can be installed for each indoor unit.

\*4. Only possible in combination with BRC1H61W(K).

\*5. Can support new features of hotel key card interlock (Delay/Reset Timer).



**NEW** BRC1H61W **NEW** BRC1H61K



BRC2E61

**NEW** ○ Delay Timer  
○ Reset Timer

Warning



- Daikin products are manufactured for export to numerous countries throughout the world. Prior to purchase, please confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.
- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

Caution



Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

Dealer

**PT DAIKIN AIRCONDITIONING INDONESIA**

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**Daikin Contact Center : 0800 1 081 081 (Toll Free)**

**0800 1 081 081**  
BERSAS PULSA

**365**  
hari/tahun

Jam Beroperasi :  
Senin - Jumat :  
07.00 - 19.00 WIB  
Sabtu - Minggu & Libur Nasional :  
08.00 - 17.00 WIB