

Slim Duct Built-In Concealed Ceiling Unit

FXDQ_MVJU

For use with:

VRV III *VRV-WIII* *VRV-III-S*

Concealed. Slim. Quiet. Comfortable

The slim duct built-in concealed unit is available for use with the VRV systems to complement the existing concealed ceiling unit options (FXMQ). With its low profile and low sound level this unit can be installed into limited ceiling void, bulkhead or soffit space.



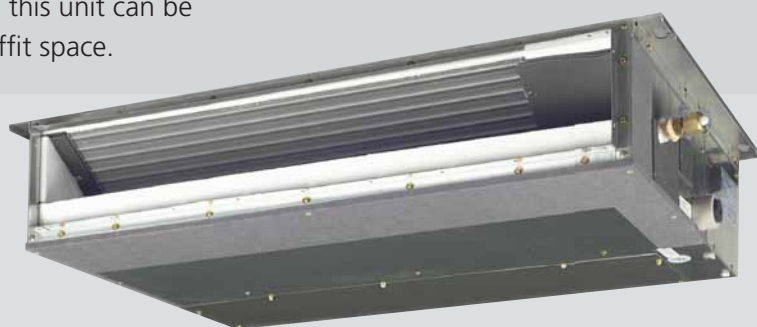
Condensate pump as standard



Outside air integration possible



Filter included



Features and Benefits

- Slim height, at only 7 7/8", makes it suitable for most of the applications where attic / bulkhead space is limited
- With a sound level as low as 29 dB(A) for the 7.5, 9 or 12 MBH indoor unit, these units are among the quietest on the market
- Factory set rear suction; bottom suction is possible to reverse
- Washable filter included
- Condensate pump with vertical lift of up to 21 5/8" included as standard
- Blends unobtrusively with any interior decor; only the suction and discharge grills are visible
- Medium static pressure facilitates unit use with flexible ducts of varying length

Application

- Hotel rooms
- Multi-family residences
- Single family residences
- School dormitories
- Retail



FXDQ Specifications

FXDQ Specifications		0.6-Ton	0.75-Ton	1-Ton	1.5-Ton	2-Ton
Model Name		FXDQ07MVJU	FXDQ09MVJU	FXDQ12MVJU	FXDQ18MVJU	FXDQ24MVJU
Power Supply	V/ph/Hz	208-230/1/60				
Cooling Capacity	Btu/h	7,500	9,500	12,000	18,000	24,000
Heating Capacity	Btu/h	8,500	10,500	13,500	20,000	27,000
Refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A
Refrigerant Control		Electronic Expansion Valve				
Airflow Rate H/L	cfm	280/226	280/226	280/226	440/350	580/460
Unit Weight	lbs.	51	51	51	63	71
Unit Height	in.	7 7/8	7 7/8	7 7/8	7 7/8	7 7/8
Unit Width	in.	27 9/16	27 9/16	27 9/16	35 7/16	43 5/16
Unit Depth	in.	24 7/16	24 7/16	24 7/16	24 7/16	24 7/16
Sound Pressure H/L	dB(A)	33/29	33/29	33/29	35/31	36/32
External Static Pressure (High/Low)	in. W.G.	0.12/0.04	0.12/0.04	0.12/0.04	0.17/0.06	0.17/0.06
Unit Condensate Connection	in. O.D.	1 1/32	1 1/32	1 1/32	1 1/32	1 1/32
Condensate Pump Lift	in.	21 5/8	21 5/8	21 5/8	21 5/8	21 5/8
Pipe Connections	Liquid	in.	1/4 Flare	1/4 Flare	1/4 Flare	3/8 Flare
	Gas	in.	1/2 Flare	1/2 Flare	1/2 Flare	5/8 Flare
External Finish		Galvanized Steel Plate				
Protection Devices		Fuse				
		Fan Motor Thermal Protector				
Recommended Fuse/Breaker	A	15	15	15	15	15
Standard Filter Type		Removable, Washable, Mildew Proof				

Nominal Conditions:

Cooling Mode
 Indoor: 80 °F DB / 67 °F WB
 Outdoor: 95 °F DB
 Pipe Length: 25 ft.
 Level Difference: 0 ft.

Heating Mode
 Indoor: 70 °F DB
 Outdoor: 47 °F DB / 43 °F WB
 Pipe Length: 25 ft.
 Level Difference: 0 ft.

Note:
 Specifications are subject to change without notice.

FXDQ Accessories

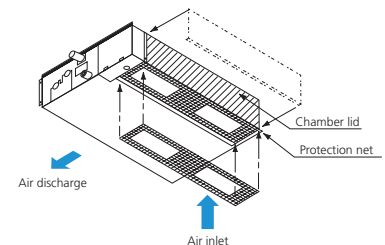
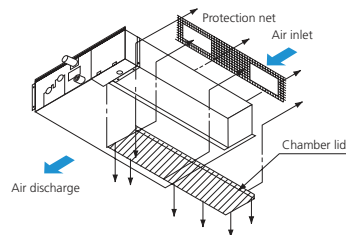
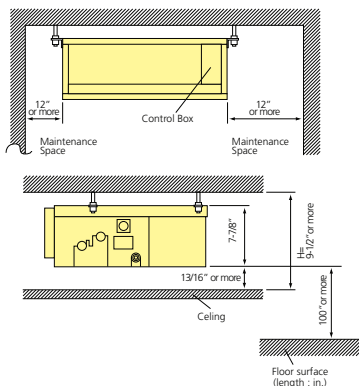
Model Name	FXDQ07MVJU	FXDQ09MVJU	FXDQ12MVJU	FXDQ18MVJU	FXDQ24MVJU
Navigation Remote Controller	BRC1E71	BRC1E71	BRC1E71	BRC1E71	BRC1E71
Simplified Wired Remote Controller*	BRC2A71	BRC2A71	BRC2A71	BRC2A71	BRC2A71
Wireless Remote Controller	BRC4C82	BRC4C82	BRC4C82	BRC4C82	BRC4C82
Remote Sensor Kit	KRCS01-1B	KRCS01-1B	KRCS01-1B	KRCS01-1B	KRCS01-1B
Wiring Adaptor PCB (interface with aux/primary heater, humidifier, OA damper/fan)	KRP1B71-D	KRP1B71-D	KRP1B71-D	KRP1B71-D	KRP1B71-D
Group Control Adaptor PCB (connects to external BMS)	KRP4A74	KRP4A74	KRP4A74	KRP4A74	KRP4A74
Access Panel (single door)	APFXDQ070912	APFXDQ070912	APFXDQ070912	APFXDQ18	APFXDQ24
Access Panel with return air filter (single door)	APRFFXDQ070912	APRFFXDQ070912	APRFFXDQ070912	APRFFXDQ18	APRFFXDQ24
Filter Media Replacement	APRFFXDQ070912F	APRFFXDQ070912F	APRFFXDQ070912F	APRFFXDQ18F	APRFFXDQ24F

* Optional face plates available to provide a more intuitive user interface and disable specific functions

FXDQ Installation Space

Choose an installation site that ensures both optimum air distribution and sufficient clearance for maintenance.

The return air inlet can be easily changed from rear to bottom using the same chamber lid.



Form: FFXDQ-MUSE10-04C

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