

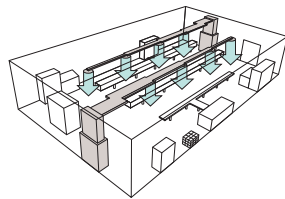
Floor Standing Duct Type

FXVQ-N

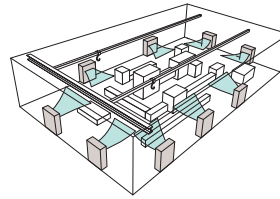
Large airflow type for large spaces



- Full-scale duct connection airflow allows for air conditioning evenly in spacious areas.



Duct connection airflow type



Direct airflow type

- Adding the plenum chamber (option) allows for simple operation with direct airflow.

*Note that the operation sound increases by approximately 5dB(A).

- The belt drive system allows for use of air discharge outlets in various shapes as well as long ducts.

- A long-life filter (maintenance free up to one year*) is equipped as a standard accessory.

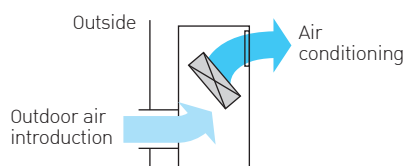
*8 hr/day, 26 day/month. For dust concentration of 0.15 mg/m³

- A wide range of optional accessories are available such as high-efficiency filters.

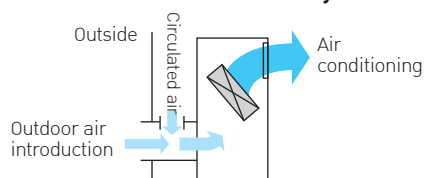
- Outdoor air intake mode is useable as an outdoor-air processing air conditioner.

*When using the unit as an outdoor-air processing unit, there are some restrictions. Strictly follow the restrictions specified in the Engineering Data Book.

All-fresh (using outdoor air only) system



Return + Outdoor air mixed system



* Air introduced from the outside and circulated air must be mixed in the air conditioner primary side before introduction into the air conditioner.



Specifications

MODEL		FXVQ125NY1	FXVQ200NY1	FXVQ250NY1	FXVQ400NY1	FXVQ500NY1	FXVQ500NY16	
Power supply		3-phase 4-wire system, 380-415 V, 50 Hz						
Cooling capacity	Btu/h	47,800	76,400	95,500	154,000	191,000		
	Btu/h*	48,100	76,900	96,000	154,400	192,300		
	kW	14.0 / 14.1*	22.4 / 22.6*	28.0 / 28.2*	45.0 / 45.3*	56.0 / 56.4*		
Power consumption	kW	0.53	1.33	1.61	3.97	2.62	4.70	
Casing colour		Ivory white (5Y7.5/1)						
Dimensions (H×W×D)	mm	1,670×750×510	1,670×950×510	1,670×1,170×510	1,900×1,170×720	1,900×1,470×720		
Machine weight	kg	118	144	169	236	281	306	
Sound level *1	dB(A)	52	56	60	65	62	66	
Piping connections	Liquid	φ 9.5 (Brazing)			φ 12.7 (Brazing)	φ 15.9 (Brazing)		
	Gas	φ 15.9 (Brazing)	φ 19.1 (Brazing)	φ 22.2 (Brazing)	φ 28.6 (Brazing)			
	Drain	Rp1 (PS 1B internal thread)						
Air filter	Type	Long-life filter (anti-mould resin net)						
Fan	Motor output	kW	0.75	1.5		3.7		5.5
	Airflow rate	m ³ /min	43	69	86	134	165	172
		cfm	1,518	2,436	3,036	4,730	5,825	6,072
	External static pressure *2	Pa	152	217	281	420	142	390
Drive system		Belt drive system						

Note: 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, 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.)

*1: Sound level: measured when the air discharge outlet duct (2 m) is attached (anechoic chamber conversion value).

It increases by approximately 5 dB(A) when the plenum chamber is installed to deliver direct airflow.

*2: The value is the external static pressure with standard pulley.