

INDOOR UNIT

Ceiling cassette type

1-way airflow

PMFY-P VBM-E



Compact and lightweight body perfect for limited ceiling space applications.



Compact size for smooth installation and maintenance

Unit body size has been standardized for all models at 812mm for easier installation. Body weight is only 14kg for the main unit and 3kg for the panel, making this unit one of the lightest in the industry.

Quiet operation

Newly developed airflow control technology reduces noise level to only 27dB (P20VBM) for industry-leading quiet performance.

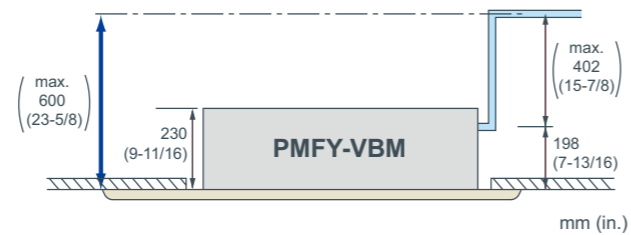
Sound pressure level table

Sound pressure level	Capacity				
	P20	P25	P32	P40	
Fan Speed	High	35	37	39	
	Mid 1	33	36	37	
	Mid 2	30	34	35	
	Low	27	32	33	

<220V,240V>

Drain pump

The drain can be positioned anywhere up to 600mm(23-5/8in.) from the ceiling's surface.



Specifications

		PMFY-P20VBM-E	PMFY-P25VBM-E	PMFY-P32VBM-E	PMFY-P40VBM-E
Power source		1-phase 220-240V 50Hz / 1-phase 220V 60Hz			
Cooling capacity	*1 kW	2.2	2.8	3.6	4.5
	*1 BTU/h	7,500	9,600	12,300	15,400
Heating capacity	*1 kW	2.5	3.2	4.0	5.0
	*1 BTU/h	8,500	10,900	13,600	17,100
Power consumption	Cooling kW	0.042	0.044		0.054
	Heating kW	0.042	0.044		0.054
Current	Cooling A	0.20	0.21		0.26
	Heating A	0.20	0.21		0.26
External finish (Munsell No.)		White (0.98Y 8.99/0.63)			
Dimension	Unit mm(in.)	230 x 812 x 395 (9-1/16 x 32 x 15-9/16)			
	H x W x D Panel mm(in.)	30 x 1000 x 470 (1-3/16 x 39-3/8 x 18-9/16)			
Net weight	Unit kg(lbs.)	14 (31)			
	Panel kg(lbs.)	3 (7)			
Heat exchanger		Cross fin (Aluminum plate fin and copper tube)			
Fan	Type	Line flow fan x 1			
	Airflow rate *2	m ³ /min	6.5-7.2-8.0-8.7	7.3-8.0-8.6-9.3	7.7-8.7-9.7-10.7
		L/s	108-120-133-145	122-133-143-155	128-145-162-178
	(Lo-Mid2-Mid1-Hi) cfm	230-254-283-307	258-283-304-328	272-307-343-378	
External static pressure	Pa	0			
Motor	Type	1-phase induction motor			
	Output kW	0.028			
Air filter		PP Honeycomb fabric			
Refrigerant	Gas(Flare) mm(in.)	ø12.7 (ø1/2)			
	Liquid(Flare) mm(in.)	ø6.35 (ø1/4)			
Field drain pipe diameter		mm(in.) O.D. 26 (1)			
Sound pressure level (Lo-Mid2-Mid1-Hi) *2 *3		dB(A) 27-30-33-35	32-34-36-37	33-35-37-39	

Notes:

- *1 Cooling/Heating capacity indicates the maximum value at operation under the following condition.
Cooling : Indoor 27°C(81°F)DB/19°C(66°F)WB, Outdoor 35°C(95°F)DB
Heating : Indoor 20°C(68°F)DB, Outdoor 7°C(45°F)DB/6°C(43°F)WB
- *2 Airflow rate/Sound pressure level are in (low-middle2-middle1-high).
- *3 It is measured in anechoic room.