

1. SPECIFICATIONS

Ceiling cassette (1-way flow type)

PMFY-MS-VCM-E

Model			PMFY-MS20VCM-E	PMFY-MS25VCM-E	PMFY-MS32VCM-E	PMFY-MS40VCM-E	PMFY-MS50VCM-E
Power source			1-phase 220-240V 50Hz, 1-phase 220-230V 60Hz				
Cooling capacity (Nominal)	*1	kW	2.2	2.8	3.6	4.5	5.6
	*1	BTU / h	7,500	9,600	12,300	15,400	19,100
	*3	Power input	kW	0.02	0.03	0.03	0.05
	*3	Current input	A	0.29	0.32	0.35	0.58
Heating capacity (Nominal)	*2	kW	2.5	3.2	4.0	5.0	6.3
	*2	BTU / h	8,500	10,900	13,600	17,100	21,500
	*3	Power input	kW	0.02	0.03	0.03	0.05
	*3	Current input	A	0.24	0.27	0.30	0.53
External finish			Galvanized steel sheet				
External dimension H x W x D		mm	185 x 1,121 x 360				
		in.	7-9/32 x 44-1/8 x 14-3/16				
Net weight		kg (lbs)	16.0 (35.3)			16.3 (36.0)	
Decoration panel	Model		MLP-450W	MLP-450W	MLP-450W	MLP-450W	MLP-450W
	External finish		MUNSELL (4.0GY 9.1/0.2)				
	Dimension	mm	24 x 1,200 x 424				
	H x W x D	in.	1 x 42-1/4 x 16-3/4				
	Net Weight	kg (lbs)	3.8 (9)				
Heat exchanger			Cross fin (Aluminum fin and copper tube)				
FAN	Type x Quantity		Line flow fan x 1				
	External static press.	Pa	0				
		mmH ₂ O	0				
	Motor type		DC motor				
	Motor output		kW 0.03				
	Driving mechanism		Direct driven				
	Airflow rate (Low-Mid2-Mid1-High)	m ³ / min	5.6 - 5.9 - 6.2 - 6.5	5.6 - 6.4 - 7.3 - 8.1	6.5 - 7.2 - 7.8 - 8.5	6.5 - 7.6 - 8.7 - 9.8	6.5 - 8.1 - 9.7 - 11.3
L / s		93 - 98 - 103 - 108	93 - 107 - 122 - 135	108 - 120 - 130 - 142	108 - 127 - 145 - 163	108 - 135 - 162 - 188	
cfm		195 - 205 - 215 - 225	195 - 225 - 255 - 285	225 - 250 - 275 - 300	225 - 265 - 305 - 345	225 - 285 - 340 - 395	
Sound pressure level (Low-Mid2-Mid1-High) (measured in anechoic room) *3		dB <A>	25 - 27 - 28 - 29	25 - 29 - 32 - 35	29 - 32 - 35 - 37	29 - 34 - 38 - 41	29 - 36 - 41 - 45
Insulation material			Polyethylene sheet				
Air filter			PP Honeycomb				
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			R32, R410A CITY MULTI				
Diameter of refrigerant pipe	Liquid	mm (in.)	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare
	Gas	mm (in.)	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare
Field drain pipe size		mm (in.)	O.D. ø26 (VP-20)				
Drawing	External		IU-BH01-C184 IU-RG79-A671				
	Wiring						
	Refrigerant cycle						
Standard attachment	Document	Installation Manual, Instruction Book					
	Accessory						
Remark	Optional parts						
	Decoration panel		MLP-450W	MLP-450W	MLP-450W	MLP-450W	MLP-450W
			*PMFY-MS-VCM-E should be used together with MLP-450W				
	Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.				
Note : *1 Nominal cooling conditions Indoor : 27°CDB/19°CWB (81°FDB/66°FWB) Outdoor : 35°CDB (95°FDB) Pipe length : 7.5 m (24-9/16 ft) Level difference : 0 m (0 ft) *2 Nominal heating conditions 20°CDB (68°FDB) 7°CDB/6°CWB (45°FDB/43°FWB) 7.5 m (24-9/16 ft) 0 m (0 ft) Unit converter BTU/h = kW x 3.412 cfm = m³/min x 35.31 lbs = kg / 0.4536 * Nominal conditions *1, *2 are subject to EN 14511-2. * Due to continuing improvement, above specification may be subject to change without notice. *3 The values are measured at the rated external static pressure. *Above specification data is subject to rounding variation.							