

1. SPECIFICATIONS

Ceiling cassette (4-way flow type)

Model			PLFY-MS32VHM-A	PLFY-MS40VHM-A	PLFY-MS50VHM-A	PLFY-MS63VHM-A	PLFY-MS80VHM-A
Power source			1 phase 220-240V 50/60Hz				
Cooling capacity (Nominal)	*1	kW	3.6	4.5	5.6	7.1	9.0
	*1	kcal/h	3,100	3,900	4,800	6,100	7,700
	*1	Btu/h	12,300	15,400	19,100	24,200	30,700
	Power input	kW	0.03	0.03	0.03	0.05	0.06
	Current input	A	0.32	0.32	0.34	0.45	0.60
Heating capacity (Nominal)	*2	kW	4.0	5.0	6.3	8.0	10.0
	*2	kcal/h	3,400	4,300	5,400	6,900	8,600
	*2	Btu/h	13,600	17,100	21,500	27,300	34,100
	Power input	kW	0.03	0.03	0.03	0.05	0.06
	Current input	A	0.25	0.25	0.27	0.38	0.53
External finish			Galvanized steel sheet				
External dimension H × W × D		mm	258 × 840 × 840				
		inch	10-3/16 × 33-3/32 × 33-3/32				
Net weight		kg (lb)	19 (42)	19 (42)	19 (42)	21 (46)	21 (46)
Grille	model		PLP-6HA				
	External finish		MUNSELL (1.0Y 9.2/0.2)				
	Dimension H × W × D	mm	35 × 950 × 950				
		inch	1-3/8 × 37-13/32 × 37-13/32				
	Net weight		kg (lb)	5 (11)			
Heat exchanger			Micro slit fin (Aluminum fin and copper tube)				
Fan			Turbo fan × 1	Turbo fan × 1	Turbo fan × 1	Turbo fan × 1	Turbo fan × 1
	External static press.	Pa	0	0	0	0	0
		mmH ₂ O	0	0	0	0	0
	Motor type		DC motor				
	Motor output	kW	0.050	0.050	0.050	0.050	0.050
	Driving mechanism		Direct-drive				
	Airflow rate (Low-Mid2- Mid1-High)	m ³ /min	14 - 15 - 16 - 17	14 - 15 - 16 - 18	14 - 15 - 17 - 19	14 - 16 - 19 - 22	14 - 17 - 21 - 25
L/s		233 - 250 - 267 - 283	233 - 250 - 267 - 300	233 - 250 - 283 - 317	233 - 267 - 317 - 367	233 - 283 - 350 - 417	
cfm		494 - 530 - 565 - 600	494 - 530 - 565 - 636	494 - 530 - 600 - 671	494 - 565 - 671 - 777	494 - 600 - 742 - 883	
Sound pressure level (Low-Mid2-Mid1-High) (measured in anechoic room)		dB <A>	24 - 26 - 28 - 29	24 - 26 - 28 - 30	24 - 27 - 29 - 31	26 - 29 - 32 - 35	26 - 30 - 34 - 38
Insulation material			PS				
Air filter			PP honeycomb				
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			R32/R410A CITY MULTI				
Diameter of refrigerant pipe	Liquid (R32/R410A)	mm (inch)	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare ø9.52 (ø3/8) Flare	ø6.35 (ø1/4) Flare ø9.52 (ø3/8) Flare
	Gas (R32/R410A)	mm (inch)	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare
Field drain pipe size		mm	O.D. ø32 (VP-25)				
Standard attachment	Document Accessory		Installation Manual, Instruction Book				
*1 Nominal cooling condition *2 Nominal heating condition							Unit converter
Indoor :		27°CDB/19°CWB (81°FDB/66°F WB)	20°CDB (68°FDB) 7°CDB/6°CWB (45°FDB/43°F WB)				kcal/h = kW × 860 Btu/h = kW × 3,412
Outdoor :		35°CDB (95°FDB)	7.5 m (24-9/16 ft)				cfm = m ³ /min × 35.31
Pipe length :		7.5 m (24-9/16 ft)	0 m (0 ft)				lb = kg/0.4536
Level difference :		0 m (0 ft)					*Above specification data is subject to rounding variation.
Notes: 1. Nominal conditions*1 and *3 are subject to JIS B8615-1. 2. Due to continuing improvement, above specification may be subject to change without notice.							

1. SPECIFICATIONS

Ceiling cassette (4-way flow type)

PLFY-MS-VHM-A

Model			PLFY-MS100VHM-A	PLFY-MS125VHM-A	PLFY-MS140VHM-A	
Power source			1 phase 220-240V 50/60Hz			
Cooling capacity (Nominal)	*1	kW	11.2	14.0	16.0	
	*1	kcal/h	9,600	12,000	13,800	
	*1	Btu/h	38,200	47,800	54,600	
		Power input	kW	0.10	0.12	0.13
		Current input	A	1.00	1.11	1.25
Heating capacity (Nominal)	*2	kW	12.5	16.0	18.0	
	*2	kcal/h	10,800	13,800	15,500	
	*2	Btu/h	42,700	54,600	61,400	
		Power input	kW	0.10	0.12	0.13
		Current input	A	0.93	1.04	1.18
External finish			Galvanized steel sheet			
External dimension H × W × D		mm	298 × 840 × 840			
		inch	11-3/4 × 33-3/32 × 33-3/32			
Net weight		kg (lb)	24 (53)		26 (55)	
Grille	model		PLP-6HA			
	External finish		MUNSELL (1.0Y 9.2/0.2)			
	Dimension H × W × D	mm	35 × 950 × 950			
		inch	1-3/8 × 37-13/32 × 37-13/32			
	Net weight		kg (lb)	5 (11)		
Heat exchanger			Micro slit fin (Aluminum fin and copper tube)			
Fan	Type × Quantity		Turbo fan × 1	Turbo fan × 1	Turbo fan × 1	
	External static press.	Pa	0	0	0	
		mmH2O	0	0	0	
	Motor type		DC motor			
	Motor output	kW	0.120			
	Driving mechanism		Direct-drive			
	Airflow rate (Low-Mid2- Mid1-High)	m³/min	19 - 23 - 28 - 34	21 - 25 - 30 - 35	22 - 26 - 31 - 36	
		L/s	317 - 383 - 467 - 567	350 - 417 - 500 - 583	367 - 433 - 517 - 600	
cfm		671 - 812 - 989 - 1201	742 - 883 - 1059 - 1236	777 - 918 - 1095 - 1271		
Sound pressure level (Low-Mid2-Mid1-High) (measured in anechoic room)		dB <A>	32 - 36 - 40 - 44	33 - 37 - 41 - 44	35 - 39 - 43 - 46	
Insulation material			PS			
Air filter			PP honeycomb			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R32/R410A CITY MULTI			
Diameter of refrigerant pipe	Liquid (R32/R410A)	mm (inch)	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare	
	Gas (R32/R410A)	mm (inch)	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare	
Field drain pipe size		mm	O.D. ø32 (VP-25)			
Standard attachment	Document Accessory		Installation Manual, Instruction Book			
*1 Nominal cooling condition				*2 Nominal heating condition		
Indoor : 27°CDB/19°CWB (81°FDB/66°FWB)				20°CDB (68°FDB) 7°CDB/6°CWB (45°FDB/43°FWB)		
Outdoor : 35°CDB (95°FDB)				7.5 m (24-9/16 ft)		
Pipe length : 7.5 m (24-9/16 ft)				0 m (0 ft)		
Level difference : 0 m (0 ft)						
Notes:				Unit converter		
1. Nominal conditions*1 and *3 are subject to JIS B8615-1.				kcal/h = kW × 860		
2. Due to continuing improvement, above specification may be subject to change without notice.				Btu/h = kW × 3,412		
				cfm = m³/min × 35.31		
				lb = kg/0.4536		
				*Above specification data is subject to rounding variation.		