

1. SPECIFICATIONS

Ceiling cassette (4-way flow type)

PLFY-P-VHM-PA

Model			PLFY-P32VHM-PA	PLFY-P40VHM-PA	PLFY-P50VHM-PA	PLFY-P63VHM-PA
Power source			1-phase 220-240V 50Hz, 1-phase 220-230V 60Hz			
Cooling capacity (Nominal)	*1	kW	3.6	4.5	5.6	7.1
	*1	BTU / h	12,300	15,400	19,100	24,200
	Power input	kW	0.03	0.03	0.03	0.05
	Current input	A	0.32	0.32	0.34	0.45
Heating capacity (Nominal)	*2	kW	4.0	5.0	6.3	8.0
	*2	BTU / h	13,600	17,100	21,500	27,300
	Power input	kW	0.03	0.03	0.03	0.05
	Current input	A	0.25	0.25	0.27	0.38
External finish			Galvanized steel sheet			
External dimension H x W x D		mm	258 x 840 x 840			
		in.	10-3/16 x 33-3/32 x 33-3/32			
Net weight		kg (lbs)	19 (42)	19 (42)	19 (42)	21 (46)
Decoration panel	Model		PLP-6HA	PLP-6HA	PLP-6HA	PLP-6HA
	External finish		MUNSELL (1.0Y 9.2/0.2)			
	Dimension H x W x D	mm	35 x 950 x 950			
		in.	1-3/8 x 37-13/32 x 37-13/32			
	Net weight	kg (lbs)		5 (11)		
Heat exchanger			Micro slit fin (Aluminum fin and copper tube)			
FAN	Type x Quantity		Turbo fan x 1	Turbo fan x 1	Turbo fan x 1	Turbo fan x 1
	External static press.	Pa	0	0	0	0
		mmH2O	0	0	0	0
	Motor type		DC motor			
	Motor output	kW	0.050	0.050	0.050	0.050
	Driving mechanism		Direct-drive			
	Airflow rate		(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)
		m³ / min	14 - 15 - 16 - 17	14 - 15 - 16 - 18	14 - 15 - 17 - 19	14 - 16 - 19 - 22
L / s		233 - 250 - 267 - 283	233 - 250 - 267 - 300	233 - 250 - 283 - 317	233 - 267 - 317 - 367	
cfm		494 - 530 - 565 - 600	494 - 530 - 565 - 636	494 - 530 - 600 - 671	494 - 565 - 671 - 777	
Sound pressure level (measured in anechoic room)		dB <A>	(Low-Mid2-Mid1-High) 24 - 26 - 28 - 29	(Low-Mid2-Mid1-High) 24 - 26 - 28 - 30	(Low-Mid2-Mid1-High) 24 - 27 - 29 - 31	(Low-Mid2-Mid1-High) 26 - 29 - 32 - 35
Insulation material			PS			
Air filter			PP honeycomb			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A CITY MULTI			
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø9.52 (ø3/8) Flare
	Gas (R410A)	mm (in.)	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø15.88 (ø5/8) Flare
Field drain pipe size		mm (in.)	O.D. ø32 (1-1/4) (VP-25)			
Standard attachment	Document Accessory		Installation Manual, Instruction Book			
Remark	Optional parts					
	Decoration panel (White) **1		PLP-6HA	PLP-6HA	PLP-6HA	PLP-6HA
	Decoration panel (Black) **1		PLP-6HAB	PLP-6HAB	PLP-6HAB	PLP-6HAB
	Auto elevation and signal receiver panel **1		PLP-6HAJ	PLP-6HAJ	PLP-6HAJ	PLP-6HAJ
	Panel with wireless remote controller and signal receiver **1		PLP-6HALM	PLP-6HALM	PLP-6HALM	PLP-6HALM
	Color panel (Black) with wireless remote controller and signal receiver		PLP-6HALMB	PLP-6HALMB	PLP-6HALMB	PLP-6HALMB
	Panel with wired remote controller **1		PLP-6HAMD	PLP-6HAMD	PLP-6HAMD	PLP-6HAMD
	Air outlet shutter plate		PAC-SK67SP-E	PAC-SK67SP-E	PAC-SK67SP-E	PAC-SK67SP-E
	Anti-allergy enzyme filter		PAC-SK70KF-E	PAC-SK70KF-E	PAC-SK70KF-E	PAC-SK70KF-E
	High efficiency filter element **2		PAC-SK71KF-E	PAC-SK71KF-E	PAC-SK71KF-E	PAC-SK71KF-E
	Multi-function casement		PAC-SK76TM-E	PAC-SK76TM-E	PAC-SK76TM-E	PAC-SK76TM-E
	3D i-see Sensor corner panel		PAC-SL35ME-E	PAC-SL35ME-E	PAC-SL35ME-E	PAC-SL35ME-E
	Wireless signal receiver		PAR-SR5LA-E	PAR-SR5LA-E	PAR-SR5LA-E	PAR-SR5LA-E
	Space panel		PAC-SK64AS-E	PAC-SK64AS-E	PAC-SK64AS-E	PAC-SK64AS-E
	Duct flange for fresh air intake		PAC-SH65OF-E	PAC-SH65OF-E	PAC-SH65OF-E	PAC-SH65OF-E
	3D Total flow unit **3		PLP-U160HLR-E	PLP-U160HLR-E	PLP-U160HLR-E	PLP-U160HLR-E
	Plasma Quad Connect		PAC-SL36FT-E	PAC-SL36FT-E	PAC-SL36FT-E	PAC-SL36FT-E
	Side-suspend parts		PAC-SK79LK-E	PAC-SK79LK-E	PAC-SK79LK-E	PAC-SK79LK-E
			**1.PLFY-P-VHM-PA should be used together with PLP-6HA/HAB/HAJ/HALM/HALMB/HAMD. **2.PAC-SK76TM-E is necessary to use with filter PAC-SK71KF-E. **3.PLP-U160HLR-E cannot be used together with PAC-SK76TM-E, PAC-SK67SP-E, PAC-SL36FT-E, PLP-6HAJ.			
	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 condition		*2 Nominal heating condition			Unit converter
	Indoor : 27°CDB/19°CWB (81°FDB/66°FWB)		20°CDB (68°FDB)			BTU/h = kW x 3.412
	Outdoor : 35°CDB (95°FDB)		7°CDB/6°CWB (45°FDB/43°FWB)			cfm = m³/min x 35.31
	Pipe length : 7.5 m (24-9/16 ft)		7.5 m (24-9/16 ft)			lbs = kg / 0.4536
	Level difference : 0 m (0 ft)		0 m (0 ft)			
* Nominal conditions *1, *2 are subject to JIS B8615-1.						
* Due to continuing improvement, above specification may be subject to change without notice.						
*Above specification data is subject to rounding variation						

1. SPECIFICATIONS

Ceiling cassette (4-way flow type)

Model			PLFY-P80VHM-PA	PLFY-P100VHM-PA	PLFY-P125VHM-PA	PLFY-P140VHM-PA	
Power source			1-phase 220-240V 50Hz, 1-phase 220-230V 60Hz				
Cooling capacity (Nominal)	*1	kW	9.0	11.2	14.0	16.0	
	*1	BTU / h	30,700	38,200	47,800	54,600	
	Power input	kW	0.06	0.10	0.12	0.13	
	Current input	A	0.60	1.00	1.11	1.25	
Heating capacity (Nominal)	*2	kW	10.0	12.5	16.0	18.0	
	*2	BTU / h	34,100	42,700	54,600	61,400	
	Power input	kW	0.06	0.10	0.12	0.13	
	Current input	A	0.53	0.93	1.04	1.18	
External finish			Galvanized steel sheet				
External dimension H x W x D		mm	258 x 840 x 840		298 x 840 x 840		
		in.	10-3/16 x 33-3/32 x 33-3/32		11-3/4 x 33-3/32 x 33-3/32		
Net weight		kg (lbs)	21 (46)	24 (53)	24(53)	26(57)	
Decoration panel	Model		PLP-6HA	PLP-6HA	PLP-6HA	PLP-6HA	
	External finish		MUNSELL (1.0Y 9.2/0.2)				
	Dimension	mm	35 x 950 x 950				
	H x W x D	in.	1-3/8 x 37-13/32 x 37-13/32				
	Net weight	kg (lbs)	5 (11)				
Heat exchanger			Micro slit fin (Aluminum fin and copper tube)				
FAN	Type x Quantity		Turbo fan x 1	Turbo fan x 1	Turbo fan x 1	Turbo fan x 1	
	External static press.	Pa	0	0	0	0	
		mmH ₂ O	0	0	0	0	
	Motor type		DC motor				
	Motor output		kW	0.050	0.120	0.120	0.120
	Driving mechanism		Direct-drive				
	Airflow rate			(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)
		m ³ / min		14 - 17 - 21 - 25	19 - 23 - 28 - 34	21 - 25 - 30 - 35	22 - 26 - 31 - 36
		L / s		233 - 283 - 350- 417	317 - 383 - 467 - 567	350 - 417 - 500 - 583	367 - 433 - 517 - 600
cfm			494 - 600 - 742 - 883	671 - 812 - 989 - 1201	742 - 883 - 1059 - 1236	777 - 918 - 1095 - 1271	
Sound pressure level (measured in anechoic room)		dB <A>	(Low-Mid2-Mid1-High) 26 - 30 - 34 - 38	(Low-Mid2-Mid1-High) 32 - 36 - 40 - 44	(Low-Mid2-Mid1-High) 33 - 37 - 41 - 44	(Low-Mid2-Mid1-High) 35 - 39 - 43 - 46	
Insulation material			PS				
Air filter			PP honeycomb				
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			R410A CITY MULTI				
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare	
	Gas (R410A)	mm (in.)	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare	
Field drain pipe size		mm (in.)	O.D. ø32 (1-1/4) (VP-25)				
Standard attachment	Document Accessory	Installation Manual, Instruction Book					
Remark	Optional parts						
	Decoration panel (White)**1		PLP-6HA	PLP-6HA	PLP-6HA	PLP-6HA	
	Decoration panel (Black)**1		PLP-6HAB	PLP-6HAB	PLP-6HAB	PLP-6HAB	
	Auto elevation and signal receiver panel **1		PLP-6HAJ	PLP-6HAJ	PLP-6HAJ	PLP-6HAJ	
	Panel with wireless remote controller and signal receiver **1		PLP-6HALM	PLP-6HALM	PLP-6HALM	PLP-6HALM	
	Color panel (Black) with wireless remote controller and signal receiver		PLP-6HALMB	PLP-6HALMB	PLP-6HALMB	PLP-6HALMB	
	Panel with wired remote controller **1		PLP-6HAMD	PLP-6HAMD	PLP-6HAMD	PLP-6HAMD	
	Air outlet shutter plate		PAC-SK67SP-E	PAC-SK67SP-E	PAC-SK67SP-E	PAC-SK67SP-E	
	Anti-allergy enzyme filter		PAC-SK70KF-E	PAC-SK70KF-E	PAC-SK70KF-E	PAC-SK70KF-E	
	High efficiency filter element **2		PAC-SK71KF-E	PAC-SK71KF-E	PAC-SK71KF-E	PAC-SK71KF-E	
	Multi-function casement		PAC-SK76TM-E	PAC-SK76TM-E	PAC-SK76TM-E	PAC-SK76TM-E	
	3D i-see Sensor corner panel		PAC-SL35ME-E	PAC-SL35ME-E	PAC-SL35ME-E	PAC-SL35ME- E	
	Wireless signal receiver		PAR-SR5LA-E	PAR-SR5LA-E	PAR-SR5LA-E	PAR-SR5LA-E	
	Space panel		PAC-SK64AS-E	PAC-SK64AS-E	PAC-SK64AS-E	PAC-SK64AS-E	
	Duct flange for fresh air intake		PAC-SH65OF-E	PAC-SH65OF-E	PAC-SH65OF-E	PAC-SH65OF-E	
	3D Total flow unit **3		PLP-U160HLR-E	PLP-U160HLR-E	PLP-U160HLR-E	PLP-U160HLR-E	
	Plasma Quad Connect		PAC-SL36FT-E	PAC-SL36FT-E	PAC-SL36FT-E	PAC-SL36FT-E	
	Side-suspend parts		PAC-SK79LK-E	PAC-SK79LK-E	PAC-SK79LK-E	PAC-SK79LK-E	
			**1.PLFY-P-VHM-PA should be used together with PLP-6HA/HAB/HAJ/HALM/HALMB/HAMD. **2.PAC-SK76TM-E is necessary to use with filter PAC-SK71KF-E. **3.PLP-U160HLR-E cannot be used together with PAC-SK76TM-E, PAC-SK67SP-E, PAC-SL36FT-E, PLP-6HAJ.				
	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 condition		*2 Nominal heating condition			Unit converter	
	Indoor : 27°CDB/19°CWB (81°FDB/66°FWB)		20°CDB (68°FDB)			BTU/h = kW x 3,412	
	Outdoor : 35°CDB (95°FDB)		7°CDB/6°CWB (45°FDB/43°FWB)			cfm = m ³ /min x 35.31	
	Pipe length : 7.5 m (24-9/16 ft)		7.5 m (24-9/16 ft)			lbs = kg / 0.4536	
	Level difference : 0 m (0 ft)		0 m (0 ft)				
* Nominal conditions *1, *2 are subject to JIS B8615-1.							
* Due to continuing improvement, above specification may be subject to change without notice.							
*Above specification data is subject to rounding variation.							