

1. SPECIFICATIONS

Ceiling cassette (4-way flow type)

Model			PLFY-P15VFM-E1	PLFY-P20VFM-E1	PLFY-P25VFM-E1
Power source			1-phase 220-230-240V 50Hz/220V 60Hz		
Cooling capacity (Nominal)	*1	kW	1.7	2.2	2.8
	*1	BTU / h	5,800	7,500	9,600
	Power input	kW	0.02	0.02	0.02
	Current input	A	0.19	0.21	0.22
Heating capacity (Nominal)	*2	kW	1.9	2.5	3.2
	*2	BTU / h	6,500	8,500	10,900
	Power input	kW	0.02	0.02	0.02
	Current input	A	0.14	0.16	0.17
External finish			Galvanized steel sheet		
External dimension H x W x D		mm	208 x 570 x 570	208 x 570 x 570	208 x 570 x 570
		in.	8-1/4 x 22-1/2 x 22-1/2	8-1/4 x 22-1/2 x 22-1/2	8-1/4 x 22-1/2 x 22-1/2
Net weight		kg (lbs)	14 (31)	14 (31)	14 (31)
Decoration panel	Model		SLP-2FA(L)(E)	SLP-2FA(L)(E)	SLP-2FA(L)(E)
	External finish		MUNSELL (1.0Y 9.2/0.2)		
	Dimension H x W x D	mm	10 x 625 x 625	10 x 625 x 625	10 x 625 x 625
		in.	3/8 x 24-5/8 x 24-5/8	3/8 x 24-5/8 x 24-5/8	3/8 x 24-5/8 x 24-5/8
	Net Weight		kg (lbs)	3 (7)	3 (7)
Heat exchanger			Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Turbo fan x 1		
	External static press.		0Pa (0mmH ₂ O)	0Pa (0mmH ₂ O)	0Pa (0mmH ₂ O)
	Motor type		DC motor		
	Motor output	kW	0.05	0.05	0.05
	Driving mechanism		Direct-driven		
	Airflow rate		(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
		m ³ / min	6.5-7.5-8.0	6.5-7.5-8.5	6.5-8.0-9.0
		L / s	108-125-133	108-125-142	108-133-150
Sound pressure level (measured in anechoic room)	dB <A>		(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
			26-28-30	26-29-31	26-30-33
Insulation material			PS		
Air filter			PP honeycomb fabric (long life type)		
Protection device			Fuse		
Refrigerant control device			LEV		
Connectable outdoor unit			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
	Gas	mm (in.)	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare
Field drain pipe size		mm (in.)	O.D. 32 (1-1/4) (PVC pipe VP-25 connectable)		
Standard attachment			Installation manual, Instruction book		
Remark	Optional parts				
	Decoration panel		SLP-2FA/SLP-2FAE/SLP-2FAL/SLP-2FALE		
			*PLFY-P-VFM-E1 should be used together with Decoration panel.		
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 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 condition 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 *Above specification data is subject to rounding variation.
* Nominal conditions *1, *2 are subject to JIS B8615-1.					
* Due to continuing improvement, above specification may be subject to change without notice.					

PLFY-P-VFM-E1

1. SPECIFICATIONS

Ceiling cassette (4-way flow type)

Model			PLFY-P32VFM-E1	PLFY-P40VFM-E1	PLFY-P50VFM-E1
Power source			1-phase 220-230-240V 50Hz/220V 60Hz		
Cooling capacity (Nominal)	*1	kW	3.6	4.5	5.6
	*1	BTU / h	12,300	15,400	19,100
	Power input	kW	0.02	0.03	0.04
	Current input	A	0.23	0.28	0.40
Heating capacity (Nominal)	*2	kW	4.0	5.0	6.3
	*2	BTU / h	13,600	17,100	21,500
	Power input	kW	0.02	0.03	0.04
	Current input	A	0.18	0.23	0.35
External finish			Galvanized steel sheet		
External dimension H x W x D		mm	208 x 570 x 570	208 x 570 x 570	208 x 570 x 570
		in.	8-1/4 x 22-1/2 x 22-1/2	8-1/4 x 22-1/2 x 22-1/2	8-1/4 x 22-1/2 x 22-1/2
Net weight		kg (lbs)	15 (33)	15 (33)	15 (33)
Decoration panel	Model		SLP-2FA(L)(E)	SLP-2FA(L)(E)	SLP-2FA(L)(E)
	External finish		MUNSELL (1.0Y 9.2/0.2)		
	Dimension H x W x D	mm	10 x 625 x 625	10 x 625 x 625	10 x 625 x 625
		in.	3/8 x 24-5/8 x 24-5/8	3/8 x 24-5/8 x 24-5/8	3/8 x 24-5/8 x 24-5/8
	Net Weight		kg (lbs)	3 (7)	3 (7)
Heat exchanger			Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Turbo fan x 1		
	External static press.		0Pa (0mmH ₂ O)	0Pa (0mmH ₂ O)	0Pa (0mmH ₂ O)
	Motor type		DC motor		
	Motor output	kW	0.05	0.05	0.05
	Driving mechanism		Direct-driven		
	Airflow rate		(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
		m ³ / min	7.0-8.0-9.5	7.5-9.0-11.0	9.0-11.0-13.0
		L / s	117-133-158	125-150-183	150-183-217
Sound pressure level (measured in anechoic room)	dB <A>		247-282-335	265-318-388	318-388-459
		(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
		26-30-34	28-33-39	33-39-43	
Insulation material			PS		
Air filter			PP honeycomb fabric (long life type)		
Protection device			Fuse		
Refrigerant control device			LEV		
Connectable outdoor unit			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
	Gas	mm (in.)	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare
Field drain pipe size		mm (in.)	O.D. 32 (1-1/4) (PVC pipe VP-25 connectable)		
Standard attachment			Installation manual, Instruction book		
Remark	Optional parts				
	Decoration panel		SLP-2FA/SLP-2FAE/SLP-2FAL/SLP-2FALE		
			*PLFY-P-VFM-E1 should be used together with Decoration panel.		
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 Indoor : 27°CDB/19°CWB (81°FDB/66°FWB) 20°CDB (68°FDB) Outdoor : 35°CDB (95°FDB) 7°CDB/6°CWB (45°FDB/43°FWB) Pipe length : 7.5 m (24-9/16 ft) 7.5 m (24-9/16 ft) 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. Unit converter BTU/h = kW x 3.412 cfm = m³/min x 35.31 lbs = kg / 0.4536 *Above specification data is subject to rounding variation.					

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