

1. SPECIFICATIONS

Ceiling cassette (2-way flow type)

Model			PLFY-P20VLMD-E	PLFY-P25VLMD-E	PLFY-P32VLMD-E	PLFY-P40VLMD-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	
	*1	BTU / h	7,500	9,600	12,300	15,400	
	*3	Power input	kW	0.072 / 0.075	0.072 / 0.075	0.072 / 0.075	0.081 / 0.085
	*3	Current input	A	0.36 / 0.37	0.36 / 0.37	0.36 / 0.37	0.40 / 0.42
Heating capacity (Nominal)	*2	kW	2.5	3.2	4.0	5.0	
	*2	BTU / h	8,500	10,900	13,600	17,100	
	*3	Power input	kW	0.065 / 0.069	0.065 / 0.069	0.065 / 0.069	0.074 / 0.079
	*3	Current input	A	0.30 / 0.32	0.30 / 0.32	0.30 / 0.32	0.34 / 0.37
External finish			Unit : Galvanized				
External dimension H x W x D		mm	290 x 776 x 634		290 x 776 x 634		
		in.	11-7/16 x 30-9/16 x 25		11-7/16 x 30-9/16 x 25		
Net weight		kg (lbs)	23 (51)	23 (51)	24 (53)	24 (53)	
Decoration panel	Model		CMP-40VLW-C	CMP-40VLW-C	CMP-40VLW-C	CMP-40VLW-C	
	External finish		ABS, MUNSELL (6.4Y 8.9/0.4), include Service Panel : Galvanized, MUNSELL (6.4Y 8.9/0.4)				
	Dimension	mm	20 x 1,080 x 710				
	H x W x D	in.	13/16 x 42-9/16 x 28				
	Net weight	kg (lbs)	6.5 (15)				
Heat exchanger			Cross fin				
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		1-phase induction motor				
	Motor output		kW	0.015 (at 240V)	0.015 (at 240V)	0.015 (at 240V)	0.015 (at 240V)
	Driving mechanism		Direct-driven by motor				
	Airflow rate (Low-Mid-High)	m ³ / min	6.5 - 8.0 - 9.5	6.5 - 8.0 - 9.5	6.5 - 8.0 - 9.5	7.0 - 8.5 - 10.5	
		L / s	108 - 133 - 158	108 - 133 - 158	108 - 133 - 158	117 - 142 - 175	
		cfm	230 - 283 - 335	230 - 283 - 335	230 - 283 - 335	247 - 300 - 371	
Sound pressure level (Low-Mid-High) (measured in anechoic room)		*3	dB <A>	27 - 30 - 33 (220, 240V)	27 - 30 - 33 (220,240V)	27 - 30 - 33 (220,240V)	29 - 33 - 36 (220,240V)
			dB <A>	28 - 31 - 34 (230V)	28 - 31 - 34 (230V)	28 - 31 - 34 (230V)	30 - 34 - 37 (230V)
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam				
Air filter			PP honeycomb fabric (long life filter)				
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	ø6.35 (ø1/4) Flare	
	Gas (R410A)	mm (in.)	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. 32mm (1-1/4)				
Drawing	External		IU-W275-920				
	Wiring		IU-W653-952				
	Refrigerant cycle		-				
Standard attachment	Document		Installation Manual, Instruction Book				
	Accessory		Drain hose I.D. 32mm (1-1/4) (flexible joint)				
Remark	Optional parts						
	Decoration panel		CMP-40VLW-C	CMP-40VLW-C	CMP-40VLW-C	CMP-40VLW-C	
	OA duct flange		PAC-KH11OF	PAC-KH11OF	PAC-KH11OF	PAC-KH11OF	
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			*2 Nominal heating conditions			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.							
*3 The values are measured at the factory setting of external static pressure.							
*Above specification data is subject to rounding variation.							

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