

Ceiling cassette type

2-way airflow type PLFY-P VLMD-E

			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	*1	kW	2.2	2.8	3.6	4.5	
	*1	BTU/h	7,500	9,600	12,300	15,400	
Heating capacity	*1	kW	2.5	3.2	4.0	5.0	
	*1	BTU/h	8,500	10,900	13,600	17,100	
Power consumption	Cooling	kW	0.072 / 0.075	0.072 / 0.075	0.072 / 0.075	0.081 / 0.085	
	Heating	kW	0.065 / 0.069	0.065 / 0.069	0.065 / 0.069	0.074 / 0.079	
Current	Cooling	A	0.36 / 0.37	0.36 / 0.37	0.36 / 0.37	0.40 / 0.42	
	Heating	A	0.30 / 0.32	0.30 / 0.32	0.30 / 0.32	0.34 / 0.37	
External finish (Munsell No.)	Unit		Galvanized steel plate				
	Panel		Pure white (6.4Y 8.9/0.4)				
Dimension	Unit	mm(in.)	290 x 776 x 634 (11-7/16 x 30-9/16 x 25)				
	Panel	mm(in.)	20 x 1080 x 710 (13/16 x 42-9/16 x 28)				
Net weight	Unit	kg(lbs.)	23 (51)		24 (53)		
	Panel	kg(lbs.)	6.5 (15)				
Heat exchanger			Cross fin				
FAN	Type x Quantity		Turbo fan x 1				
	Airflow rate (Lo-Mid-Hi)	*2	m ³ /min	6.5-8.0-9.5		7.0-8.5-10.5	
			L/s	108-133-158		117-142-175	
			cfm	230-283-335		247-300-371	
External static press.		Pa	0				
Motor	Type		1-phase induction motor				
	Output		0.015 (at 240V)				
Air filter			PP honeycomb fabric (long life type)				
Refrigerant pipe diameter	Gas(Flare)	mm(in.)	ø12.7 (ø1/2)				
	Liquid(Flare)	mm(in.)	ø6.35 (ø1/4)				
Field drain pipe diameter		mm(in.)	O.D.32 (1-1/4)				
Sound pressure level (Lo-Mid-Hi) *2 *3	220V,240V	dB<A>	27-30-33			29-33-36	
	230V	dB<A>	28-31-34			30-34-37	

			PLFY-P50VLMD-E	PLFY-P63VLMD-E	PLFY-P80VLMD-E	PLFY-P100VLMD-E	PLFY-P125VLMD-E	
Power source			1-phase 220-240V 50Hz / 1-phase 220-230V 60Hz					
Cooling capacity	*1	kW	5.6	7.1	9.0	11.2	14.0	
	*1	BTU/h	19,100	24,200	30,700	38,200	47,800	
Heating capacity	*1	kW	6.3	8.0	10.0	12.5	16.0	
	*1	BTU/h	21,500	27,300	34,100	42,700	54,600	
Power consumption	Cooling	kW	0.082 / 0.086	0.101 / 0.105	0.147 / 0.156	0.157 / 0.186	0.28 / 0.28	
	Heating	kW	0.075 / 0.080	0.094 / 0.099	0.140 / 0.150	0.150 / 0.180	0.27 / 0.27	
Current	Cooling	A	0.41 / 0.43	0.49 / 0.51	0.72 / 0.74	0.75 / 0.88	1.35 / 1.35	
	Heating	A	0.35 / 0.38	0.43 / 0.46	0.66 / 0.69	0.69 / 0.83	1.33 / 1.33	
External finish (Munsell No.)	Unit		Galvanized steel plate					
	Panel		Pure white (6.4Y 8.9/0.4)					
Dimension	Unit	mm(in.)	290 x 946 x 634 (11-7/16 x 37-1/4 x 25)		290 x 1446 x 634 (11-7/16 x 56-15/16 x 25)		290 x 1708 x 606 (11-7/16 x 67-1/4 x 23-7/8)	
	Panel	mm(in.)	20 x 1250 x 710 (13/16 x 49-1/4 x 28)		20 x 1750 x 710 (13/16 x 68-15/16 x 28)		20 x 2010 x 710 (13/16 x 79-3/16 x 28)	
Net weight	Unit	kg(lbs.)	27 (60)	28 (62)	44 (98)	47 (104)	56 (124)	
	Panel	kg(lbs.)	7.5 (17)		12.5 (28)		13.0 (29)	
Heat exchanger			Cross fin					
FAN	Type x Quantity		Turbo fan x 1		Turbo fan x 2		Sirocco fan x 4	
	Airflow rate (P50-P100:Lo-Mid-Hi) (P125:Lo-Mid2-Mid1-Hi)	*2	m ³ /min	9.0-11.0-12.5	11.0-13.0-15.5	15.5-18.5-22.0	17.5-21.0-25.0	24.0-27.0-30.0-33.0
			L/s	150-183-208	167-217-258	258-308-367	292-350-417	400-450-500-550
			cfm	318-388-441	353-459-547	547-653-777	618-742-883	848-953-1,059-1,165
External static press.		Pa	0					
Motor	Type		1-phase induction motor					
	Output		0.020 (at 240V)		0.020 x 2 (at 240V)		0.030 x 2 (at 240V)	
Air filter			PP honeycomb fabric (long life type)					
Refrigerant pipe diameter	Gas(Flare)	mm(in.)	ø12.7 (ø1/2)		ø15.88 (ø5/8)			
	Liquid(Flare)	mm(in.)	ø6.35 (ø1/4)		ø9.52 (ø3/8)			
Field drain pipe diameter		mm(in.)	O.D.32 (1-1/4)					
Sound pressure level (Lo-Mid-Hi) *2 *3	220V,240V	dB<A>	31-34-37	32-37-39	33-36-39	36-39-42	40-42-44-46 (Lo-Mid2-Mid1-Hi)	
	230V	dB<A>	32-35-38	33-38-40	34-37-40	37-41-43		

Notes:

*1 Cooling/Heating capacity indicates the maximum value at operation under the following condition.

Cooling : Indoor 27°C(81°F)DB/19°C(66°F)WB, Outdoor 35°C(95°F)DB

Heating : Indoor 20°C(68°F)DB, Outdoor 7°C(45°F)DB/6°C(43°F)WB

*2 Airflow rate/Sound pressure level are in (low-middle-high) or (low-middle2-middle1-high).

*3 It is measured in anechoic room.

Optional parts

Description	Model	Applicable capacity
Decoration panel	CMP-40VLW-C	P20, P25, P32, P40
	CMP-63VLW-C	P50, P63
	CMP-100VLW-C	P80, P100
	CMP-125VLW-C	P125
OA duct flange	PAC-KH11OF	P20, P25, P32, P40, P50, P63, P80, P100