

Ceiling cassette type **R410A**

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)								
H x W x D	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	m³/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		kW		0.015 (at 240V)						
Air filter			PP honeycomb fabric (long life type)								
Refrigerant	Gas(Flare)	mm(in.)	ø12.7 (ø1/2)								
pipe diameter	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)
H x W x D	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	m³/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	kW	0.020 (at 240V)				0.020 x 2 (at 240V)		0.030 x 2 (at 240V)		0.078 x 2 (at 240V)		
Air filter			PP honeycomb fabric (long life type)										Synthetic fiber unwoven cloth filter (long life)
Refrigerant	Gas(Flare)	mm(in.)	ø12.7 (ø1/2)		ø15.88 (ø5/8)								
pipe diameter	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		
	230V	dB<A>	32-35-38		33-38-40		34-37-40		37-41-43		(Lo-Mid2-Mid1-Hi)		

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