

# Ceiling cassette type

## 4-way airflow type PLFY-P VEM-E/A

		PLFY-P20VEM-E		PLFY-P25VEM-E		
Power source		1-phase 220-240V 50Hz, 1-phase 220V 60Hz				
Cooling capacity (Nominal)	*1 kW	2.2		2.8		
	*1 BTU/h	7,500		9,600		
	Power input kW	0.03		0.03		
Current input A		0.31		0.31		
Heating capacity (Nominal)	*2 kW	2.5		3.2		
	*2 BTU/h	8,500		10,900		
	Power input kW	0.03		0.03		
Current input A		0.24		0.24		
External finish		Galvanized steel sheet				
External dimension HxWxD	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)		
Decoration panel	model	PLP-6EA		PLP-6EA		
	External finish	MUNSELL (1.0Y 9.2/0.2)				
	Dimension H x W x D	mm	40 x 950 x 950			
		in.	1-9/16 x 37-13/32 x 37-13/32			
Net weight	kg (lbs)	5 (11)				
Heat exchanger		Cross fin (Aluminum fin and copper tube)				
FAN	Type x Quantity	Turbo fan x 1		Turbo fan x 1		
	External static press.	Pa	0		0	
		mmH <sub>2</sub> O	0		0	
	Motor Type		DC motor			
	Motor output	0.050		0.050		
	Driving mechanism		Direct-drive			
	Air flow rate (Low-Mid2-Mid1-High)	m <sup>3</sup> /min	12 - 13 - 14 - 15		12 - 13 - 14 - 15	
		L/s	200 - 217 - 233 - 250		200 - 217 - 233 - 250	
cfm		424 - 459 - 494 - 530		424 - 459 - 494 - 530		
Sound pressure level (Low-Mid2-Mid1-High) (measured in anechoic room)	dB<A>	24 - 26 - 27 - 29		24 - 26 - 27 - 29		
Air filter		PP honeycomb				
Refrigerant piping diameter	Liquid mm (in.)	ø6.35 (ø1/4) Flare		ø6.35 (ø1/4) Flare		
	Gas mm (in.)	ø12.7 (ø1/2) Flare		ø12.7 (ø1/2) Flare		
Field drain pipe size		O.D. ø32 (1-1/4) (VP-25)				

		PLFY-P32VEM-A	PLFY-P40VEM-A	PLFY-P50VEM-A	PLFY-P63VEM-A	PLFY-P80VEM-A	PLFY-P100VEM-A	PLFY-P125VEM-A	
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	9.0	11.2	14.0	
	*1 BTU/h	12,300	15,400	19,100	24,200	30,700	38,200	47,800	
	Power input kW	0.03	0.03	0.03	0.03	0.05	0.07	0.11	
Current input A		0.32	0.32	0.32	0.36	0.50	0.67	1.06	
Heating capacity (Nominal)	*2 kW	4.0	5.0	6.3	8.0	10.0	12.5	16.0	
	*2 BTU/h	13,600	17,100	21,500	27,300	34,100	42,700	54,600	
	Power input kW	0.03	0.03	0.03	0.03	0.05	0.07	0.11	
Current input A		0.25	0.25	0.25	0.29	0.43	0.60	0.99	
External finish		Galvanized steel sheet							
External dimension H x W x D	mm	258 x 840 x 840	258 x 840 x 840	258 x 840 x 840	258 x 840 x 840	258 x 840 x 840	298 x 840 x 840	298 x 840 x 840	
	in.	10-3/16 x 33-3/32 x 33-3/32	10-3/16 x 33-3/32 x 33-3/32	10-3/16 x 33-3/32 x 33-3/32	10-3/16 x 33-3/32 x 33-3/32	10-3/16 x 33-3/32 x 33-3/32	11-3/4 x 33-3/32 x 33-3/32	11-3/4 x 33-3/32 x 33-3/32	
Net weight	kg (lbs)	19 (42)	19 (42)	19 (42)	21 (46)	21 (46)	24 (53)	24(53)	
Decoration panel	Model	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	PLP-6EA	
	External finish	MUNSELL (1.0Y 9.2/0.2)							
	Dimension H x W x D	mm	40 x 950 x 950						
		in.	1-9/16 x 37-13/32 x 37-13/32						
Net weight	kg (lbs)	5 (11)	5 (11)	5 (11)	5 (11)	5 (11)	5 (11)	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	Turbo fan x 1	Turbo fan x 1	Turbo fan x 1	
	External static press.	Pa	0	0	0	0	0	0	0
		mmH <sub>2</sub> O	0	0	0	0	0	0	0
	Motor type		DC motor						
	Motor output	kW	0.050	0.050	0.050	0.050	0.050	0.120	0.120
	Driving mechanism		Direct-drive						
	Airflow rate (Low-Mid2-Mid1-High)	m <sup>3</sup> /min	13 - 14 - 16 - 17	13 - 14 - 16 - 18	13 - 14 - 16 - 19	15 - 16 - 17 - 19	15 - 18 - 20 - 23	20 - 23 - 26 - 29	24 - 26 - 30 - 35
		L/s	217 - 233 - 267 - 283	217 - 233 - 267 - 300	217 - 233 - 267 - 317	250 - 267 - 283 - 317	250 - 300 - 333 - 383	333 - 383 - 433 - 483	400 - 433 - 500 - 583
cfm		459 - 494 - 565 - 600	459 - 494 - 565 - 636	459 - 494 - 565 - 671	530 - 565 - 600 - 671	530 - 636 - 706 - 812	706 - 812 - 918 - 1024	847 - 918 - 1060 - 1236	
Sound pressure level (Low-Mid2-Mid1-High) (measured in anechoic room)	dB <A>	26 - 27 - 29 - 31	26 - 27 - 29 - 31	26 - 27 - 29 - 31	28 - 29 - 30 - 32	28 - 31 - 34 - 37	34 - 37 - 39 - 41	35 - 39 - 42 - 45	
Air filter		PP honeycomb							
Refrigerant control device		LEV							
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	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) 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	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare	
Field drain pipe size		O.D. ø32 (1-1/4) (VP-25)							

**Notes:**

- \*1 Nominal cooling conditions  
Indoor: 27°CDB/19°CWB (81°FDB/66°FWB), Outdoor: 35°CDB (95°FDB)  
Pipe length: 7.5m (24-9/16ft.), Level difference: 0m (0ft.)
- \*2 Nominal heating conditions  
Indoor: 20°CDB (68°FDB), Outdoor: 7°CDB/6°CWB (45°FDB/43°FWB)  
Pipe length: 7.5m (24-9/16ft.), Level difference: 0m (0ft.)
- \*3 Nominal conditions \*1 and \*2 are subject to JIS B8615-1.
- \*4 Due to continuing improvement, above specification may be subject to change without notice.

VRF Lineup

VRF Y-Series

VRF R2-Series

VRF WY-Series

VRF WR2-Series

VRF S-Series

VRF BC Controllers

VRF Indoor Units

VRF Lineup

VRF (W)R2-Series

VRF Indoor Units

Technologies and Functions

Lossnay System

Remote Controller

Hot Water Solution

## Optional parts

Description	Model	Applicable capacity
Air outlet shutter plate	PAC-SJ37SP-E	P20, P25, P32, P40, P50, P63, P80, P100, P125
Multi-function casement	PAC-SJ41TM-E	P20, P25, P32, P40, P50, P63, P80, P100, P125
High efficiency filter element	PAC-SH59KF-E	P20, P25, P32, P40, P50, P63, P80, P100, P125
Space panel	PAC-SJ65AS-E	P20, P25, P32, P40, P50, P63, P80, P100, P125
Duct flange for fresh air intake	PAC-SH65OF-E	P20, P25, P32, P40, P50, P63, P80, P100, P125
Plasma Quad Connect	PAC-SK51FT-E	P20, P25, P32, P40, P50, P63, P80, P100, P125

## Panel & Corner panel

		With signal Receiver	With 3D i-see Sensor	With New Wireless Remote Controller	With Auto Elevation
Panel	PLP-6EA				
	PLP-6EAL	●			
	PLP-6EAE		●		
	PLP-6EALE	●	●		
	PLP-6EAJ	●			●
	PLP-6EAJE	●	●		●
	PLP-6EALM2	●		●	
	PLP-6EALME2	●	●	●	
Corner panel	PAR-SE9FA-E	●			
	PAC-SE1ME-E		●		