

Ceiling cassette type **R32** **R410A**

4-way airflow type **PLFY-M VEM-E**

		PLFY-M20VEM-E	PLFY-M25VEM-E	PLFY-M32VEM-E	PLFY-M40VEM-E	PLFY-M50VEM-E	PLFY-M63VEM-E
Power source		1-phase 220~240V 50Hz, 1-phase 220V 60Hz					
Cooling capacity (Nominal)	*1 kW	2.2	2.8	3.6	4.5	5.6	7.1
	*1 BTU/h	7,500	9,600	12,300	15,400	19,100	24,200
	Power input kW	0.03	0.03	0.03	0.03	0.03	0.03
	Current input A	0.31	0.31	0.32	0.32	0.32	0.36
Heating capacity (Nominal)	*2 kW	2.5	3.2	4.0	5.0	6.3	8.0
	*2 BTU/h	8,500	10,900	13,600	17,100	21,500	27,300
	Power input kW	0.03	0.03	0.03	0.03	0.03	0.03
	Current input A	0.24	0.24	0.25	0.25	0.25	0.29
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)	19 (42)	19 (42)	19 (42)	21 (46)
Grille	model	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	40 x 950 x 950					
	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	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
	mmH ₂ O	0	0	0	0	0	0
	Motor Type	DC motor					
	Motor output kW	0.050	0.050	0.050	0.050	0.050	0.050
	Driving mechanism	Direct-drive					
	Air flow rate (Low-Mid2-Mid1-High)	m ³ /min	12 - 13 - 14 - 15	12 - 13 - 14 - 15	13 - 14 - 15 - 16	13 - 14 - 15 - 17	13 - 14 - 16 - 18
		L/s	200 - 217 - 233 - 250	200 - 217 - 233 - 250	217 - 233 - 250 - 267	217 - 233 - 250 - 283	217 - 233 - 267 - 300
		cfm	424 - 459 - 494 - 530	424 - 459 - 494 - 530	459 - 494 - 530 - 565	459 - 494 - 530 - 600	459 - 494 - 565 - 636
	Sound pressure level (Low-Mid2-Mid1-High) (measured in anechoic room)	dB<A>	24 - 26 - 27 - 29	24 - 26 - 27 - 29	26 - 27 - 29 - 31	26 - 27 - 29 - 31	26 - 27 - 29 - 31
	28 - 29 - 30 - 32						
	Air filter	PP honeycomb					
	Refrigerant piping Liquid diameter mm (in.)	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø9.52 (ø3/8) Flare
	Gas mm (in.)	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø15.88 (ø5/8) Flare
	Field drain pipe size mm (in.)	O.D. ø32 (1-1/4) (VP-25)					

		PLFY-M80VEM-E	PLFY-M100VEM-E	PLFY-M125VEM-E
Power source		1-phase 220-240V 50Hz, 1-phase 220V 60Hz		
Cooling capacity (Nominal)	*1 kW	9.0	11.2	14.0
	*1 BTU/h	30,700	38,200	47,800
	Power input kW	0.05	0.07	0.11
	Current input A	0.50	0.67	1.06
Heating capacity (Nominal)	*2 kW	10.0	12.5	16.0
	*2 BTU/h	34,100	42,700	54,600
	Power input kW	0.05	0.07	0.11
	Current input A	0.43	0.60	0.99
External finish		Galvanized steel sheet		
External dimension HxWxD	mm	258 x 840 x 840	298 x 840 x 840	
	in.	10-3/16 x 33-3/32 x 33-3/32	11-3/4 x 33-3/32 x 33-3/32	
Net weight	kg (lbs)	21 (46)	24 (53)	24 (53)
Grille	model	PLP-6EA	PLP-6EA	PLP-6EA
	External finish	MUNSELL (1.0Y 9.2/0.2)		
	Dimension H x W x D	40 x 950 x 950		
	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	Turbo fan x 1
	External static press. Pa	0	0	0
	mmH ₂ O	0	0	0
	Motor Type	DC motor		
	Motor output kW	0.050	0.120	0.120
	Driving mechanism	Direct-drive		
	Air flow rate (Low-Mid2-Mid1-High)	m ³ /min	14 - 17 - 20 - 23	20 - 23 - 26 - 29
		L/s	233 - 283 - 333 - 383	333 - 383 - 433 - 483
		cfm	494 - 600 - 706 - 812	706 - 812 - 918 - 1024
	Sound pressure level (Low-Mid2-Mid1-High) (measured in anechoic room)	dB<A>	28 - 31 - 34 - 37	34 - 37 - 39 - 41
	35 - 39 - 42 - 45			
	Air filter	PP honeycomb		
	Refrigerant piping Liquid diameter mm (in.)	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare
	Gas mm (in.)	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare
	Field drain pipe size mm (in.)	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.

- * R32 is flammable, and certain restrictions apply to the installation of units.
For detail, refer to the section in the Databook on installation restrictions.
- * When connecting the indoor units of M20 or M25, the maximum connectable number of indoor units is limited. Please refer to the table for details.

	Outdoor unit	(E)M200	(E)M250	(E)M300
Connectable indoor units	Not including M20 or M25	1-20	1-25	1-30
	Including M20 or M25	1-8	1-10	1-12

Lineup & Functions

Y-Series

R2-Series

ZUBADAN-Series

S-Series

BC Controllers

Ceiling cassette type

Ceiling concealed type

Ceiling suspended type

Wall-mounted type

Floor standing type

Functions

LOSSNAY System

Remote Controller

Hot Water Solution

Ceiling cassette type **R410A**

4-way airflow type **PLFY-P VFM-E1**

			PLFY-P15VFM-E1	PLFY-P20VFM-E1	PLFY-P25VFM-E1	PLFY-P32VFM-E1	PLFY-P40VFM-E1	PLFY-P50VFM-E1
Power source			1-phase 220-240V 50Hz / 220V 60Hz					
Cooling capacity		*1 kW	1.7	2.2	2.8	3.6	4.5	5.6
		*1 BTU/h	5,800	7,500	9,600	12,300	15,400	19,100
Heating capacity		*1 kW	1.9	2.5	3.2	4.0	5.0	6.3
		*1 BTU/h	6,500	8,500	10,900	13,600	17,100	21,500
Power consumption	Cooling	kW	0.02	0.02	0.02	0.02	0.03	0.04
	Heating	kW	0.02	0.02	0.02	0.02	0.03	0.04
Current	Cooling	A	0.19	0.21	0.22	0.23	0.28	0.40
	Heating	A	0.14	0.16	0.17	0.18	0.23	0.35
External finish	Unit		Galvanized steel sheet					
(Munsell No.)	Panel		MUNSELL (1.0Y 9.2/0.2)					
Dimension	Unit	mm(in.)	208 x 570 x 570 (8-1/4 x 22-1/2 x 22-1/2)					
H x W x D	Panel	mm(in.)	10 x 625 x 625 (3/8 x 24-5/8 x 24-5/8)					
Net weight	Unit	kg(lbs.)	14 (31)			15 (33)		
	Panel	kg(lbs.)	3 (7)					
Heat exchanger			Cross fin (Aluminum fin and copper tube)					
FAN	Type x Quantity		Turbo fan x 1					
	Airflow rate (Lo-Mid-Hi)	m³/min	6.5-7.5-8.0	6.5-7.5-8.5	6.5-8.0-9.0	7.0-8.0-9.5	7.5-9.0-11.0	9.0-11.0-13.0
		L/s	108-125-133	108-125-142	108-133-150	117-133-158	125-150-183	150-183-217
		cfm	230-265-282	230-265-300	230-282-318	247-282-335	265-318-388	318-388-459
	External static press.	Pa	0					
Motor	Type		DC motor					
	Output	kW	0.05					
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) (PVC pipe VP-25 connectable)					
Sound pressure level (Lo-Mid-Hi)	*2	dB<A>	26-28-30	26-29-31	26-30-33	26-30-34	28-33-39	33-39-43

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 It is measured in anechoic room at power source 230V.

Optional parts

Description	Model	Applicable models
i-see Sensor corner panel	PAC-SF1ME-E	P15, 20, 25, 32, 40, 50
Wireless signal receiver	PAR-SF9FA-E	
Anti-allergy enzyme filter	PAC-SK46KF-E	

Panel & Corner panel

		With signal Receiver	With 3D i-see Sensor	With New Wireless Remote Controller
Panel	SLP-2FA			
	SLP-2FAL	●		
	SLP-2FAE		●	
	SLP-2FALE	●	●	
	SLP-2FALM2	●		●
	SLP-2FALME2	●	●	●
Corner panel	PAR-SF9FA-E	●		
	PAC-SF1ME-E		●	