

Floor standing type

Exposed type

PFFY-P VEM-E **R410A**

Technologies and functions P.160



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

A new floorstanding unit has been launched featuring a sophisticated design.
The design, coupled with improved power consumption and noise, contributes to creating a stylish and comfortable room environment.

Flexible airflow rate setting

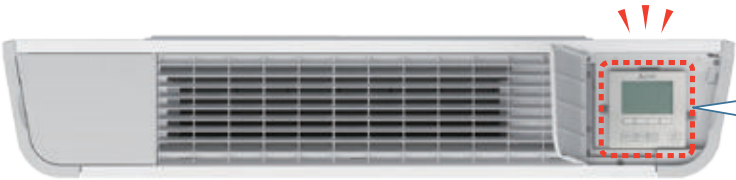
Airflow rate can be set to three levels to suit various installation conditions and maintain a comfortable room temperature.

Airflow rate setting

	Model	Airflow rate
New	PFFY-P VEM	Low- Mid -High
Conventional	PFFY-P VLEM	Low-High

Airflow rate setting has been increased from two to three levels.

Remote controller storage in the main unit



MA remote controller can be stored on the right side of the main unit.

Easy maintenance

The air filter can be easily removed from the front bottom of the unit for regular cleaning.

*Refer to the Instruction Book for details.



New design

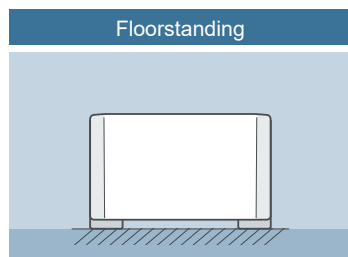
The new sophisticated design in clear white and pearl grey blends in with any interior.

With a depth of 217 mm [8-9/16 in.], the compact unit is ideal for installation in the perimeter zone of a room.

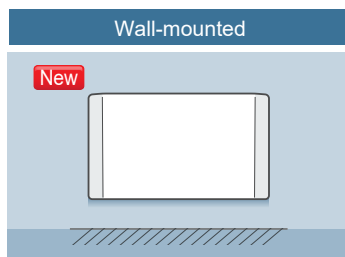
Three installation options are available to suit a wide range of applications.



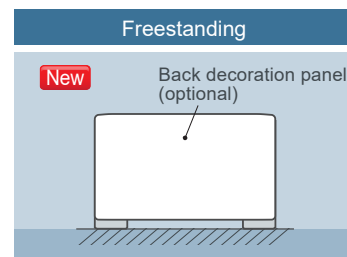
Three installation options



Conventional floorstanding installation is possible.



Wall-mounted installation allows for a stylish interior design.



With the optional back decoration panel, the unit can be installed away from the wall for more design flexibility.

*The legs are not attached to the unit at the time of shipment from the factory. They need to be attached when installing the unit on the floor.

Reduced power consumption and noise

PFFY-P VEM-E features new components and an optimized structure for more efficient and comfortable operation.



A high-efficiency DC fan motor is equipped.



The inner pipes of the heat exchanger have been downsized from $\varnothing 9.52$ to $\varnothing 7.0$ to fit in more pipings.



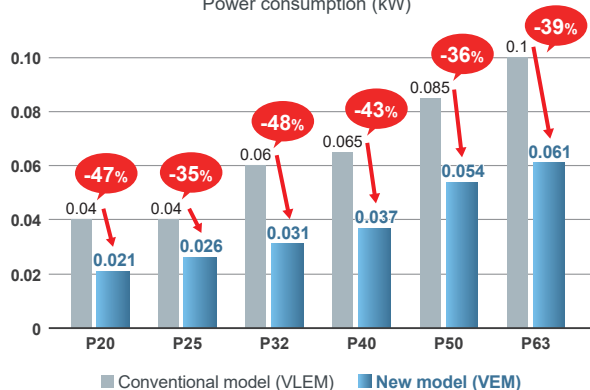
The new structure realizes smooth airflow and reduces pressure loss in the air pathway.



Reduced power consumption



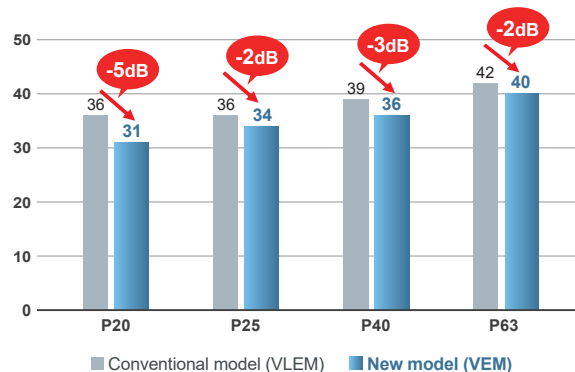
Power consumption (kW)



Reduced noise



Sound pressure level (dB<A>)



*Measurement conditions (Power source: AC220-240V/50Hz, Fan speed: High)
The unit consumes the same amount of power in both cooling and heating modes.

*Measurement conditions (Measured point: 1.5m×1.5m, Power source: AC230V/50Hz)
The sound pressure level is measured in an anechoic room.

Floor standing type **R410A**

Exposed type **PFFY-P VEM-E**

			PFFY-P20VEM-E	PFFY-P25VEM-E	PFFY-P32VEM-E	PFFY-P40VEM-E	PFFY-P50VEM-E	PFFY-P63VEM-E
Power source			1-phase 220-230-240 V 50/60 Hz					
Cooling capacity	*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
Heating capacity	*1	kW	2.5	3.2	4.0	5.0	6.3	8.0
	*1	BTU/h	8,500	10,900	13,600	17,100	21,500	27,300
Power consumption	Cooling	kW	0.021	0.026	0.031	0.037	0.054	0.061
	Heating	kW	0.021	0.026	0.031	0.037	0.054	0.061
Current	Cooling	A	0.26 / 0.25 / 0.24	0.31 / 0.30 / 0.29	0.37 / 0.35 / 0.34	0.39 / 0.38 / 0.36	0.58 / 0.56 / 0.55	0.52 / 0.50 / 0.48
	Heating	A	0.26 / 0.25 / 0.24	0.31 / 0.30 / 0.29	0.37 / 0.35 / 0.34	0.39 / 0.38 / 0.36	0.58 / 0.56 / 0.55	0.52 / 0.50 / 0.48
External finish(Munsell No.)			Galvanized steel plate, MUNSELL (1.0Y 9.2/0.2)/ABS, MUNSELL (5.32GY 8.75/0.37)					
Dimension H x W x D	*2	mm	669 (726) x 1,142 x 217			669 (726) x 1,342 x 217		669 (726) x 1,542 x 217
		in.	26-3/8 (28-5/8) x 45 x 8-9/16			26-3/8 (28-5/8) x 52-7/8 x 8-9/16		26-3/8 (28-5/8) x 60-3/4 x 8-9/16
Net weight		kg(lbs.)	29.5 (67)		30 (67)	35 (78)	35 (78)	39.5 (89)
Heat exchanger			Cross fin (Aluminum fin and copper tube)					
FAN	Type x Quantity		Sirocco fan x 2			Sirocco fan x 3		Sirocco fan x 4
	Airflow rate (Lo-Mid-Hi)	*3 m³/min	5.0 - 6.0 - 7.0	5.5 - 6.5 - 8.0	5.5 - 7.0 - 8.5	8.0 - 9.5 - 11.0	10.0 - 11.5 - 13.5	12.0 - 14.0 - 16.5
		L/s	83 - 100 - 117	92 - 108 - 133	92 - 117 - 142	133 - 158 - 183	167 - 192 - 225	200 - 233 - 275
		cfm	177 - 212 - 247	194 - 230 - 282	194 - 247 - 300	282 - 335 - 388	353 - 406 - 477	424 - 494 - 583
	External static pressure	Pa	0					
Motor	Type		DC motor					
	Output	kW	0.096					
Air filter			PP Honeycomb fabric					
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)		*3 *4 dB<A>	23.0-27.0-31.0	25.0-29.0-34.0	25.0-31.0-36.0	29.0-33.0-36.0	34.0-37.0-41.0	32.0-36.0-40.0

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 The values in () show the height of unit with leg.

*3 Air flow rate/Sound pressure level are in (Low-Mid-High)

*4 It is measured in anechoic room.

Optional parts

Description	Model	Applicable capacity
Back decoration panel*	PAC-BP32VEM-E	P20, 25, 32
	PAC-BP50VEM-E	P40, 50
	PAC-BP63VEM-E	P63

*The back decoration panel is required for freestanding installation. When it is attached to the main unit, the pipes must run under the floor. Refer to the Installation Manual for details.

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