

INDOOR UNIT

Floor standing exposed

PFFY-P VLEM-E



Floor mounted lowboy type effective in perimeter zone.



- Standardized design with mild lines.
- Supports various types of spaces from office buildings and shop buildings to hospitals.
- Water vapor permeable film humidifier can be installed.
- Remote controller can be installed onto the main unit.

Compact unit for easy air conditioning in perimeter zone.

The compact body of 220mm(8-11/16in.) in depth can be easily installed in the perimeter zone for effective air conditioning in the perimeter zone.

Electronics dry function dehumidify refreshingly.

Optimum dehumidification depending on indoor temperature to prevent over-cooling. Refreshing dehumidification can be attained.

Specifications

		PFFY-P20VLEM-E	PFFY-P25VLEM-E	PFFY-P32VLEM-E	PFFY-P40VLEM-E	PFFY-P50VLEM-E	PFFY-P63VLEM-E
Power source		1-phase 220-240V 50Hz / 1-phase 208-230V 60Hz					
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	0.04 / 0.06		0.06 / 0.07	0.065 / 0.075	0.085 / 0.09	0.1 / 0.11
	Heating kW	0.04 / 0.06		0.06 / 0.07	0.065 / 0.075	0.085 / 0.09	0.1 / 0.11
Current	Cooling A	0.19 / 0.25		0.29 / 0.30	0.32 / 0.33	0.40 / 0.41	0.46 / 0.47
	Heating A	0.19 / 0.25		0.29 / 0.30	0.32 / 0.33	0.40 / 0.41	0.46 / 0.47
External finish(Munsell No.)		Acrylic paint (5Y 8/1)					
Dimension H x W x D	mm	630 x 1,050 x 220		630 x 1,170 x 220		630 x 1,410 x 220	
	in.	24-13/16 x 41-3/8 x 8-11/16		24-13/16 x 46-1/8 x 8-11/16		24-13/16 x 55-9/16 x 8-11/16	
Net weight		23 (51)		25 (56)	26 (58)	30 (67)	32 (71)
Heat exchanger		Cross fin (Aluminum plate fin and copper tube)					
Fan	Type x Quantity	Sirocco fan x 1			Sirocco fan x 2		
	Airflow rate (Lo-Hi) *2	m ³ /min	5.5-6.5	7.0-9.0	9.0-11.0	12.0-14.0	12.0-15.5
		L/s	92-108	117-150	150-183	200-233	200-258
	External static pressure	cfm	194-230	247-318	318-388	424-494	424-547
		Pa	0				
Motor	Type	1-phase induction motor					
	Output kW	0.015		0.018	0.030	0.035	0.050
Air filter		PP Honeycomb fabric (washable)					
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.) I.D.26 (1) <Accessory hose O.D.27 (1-3/32) (top end :20 (13/16))>					
Sound pressure level (Lo-Hi) *2 *3 *4		34-40		35-40	38-43	40-46	

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 Air flow rate/Sound pressure level are in (Low-High)
- *3 Measured point : 1m x 1m, Power supply : AC240V/50Hz
· 1dB(A) lower at AC230V/50Hz
· 2dB(A) lower at AC220V/50Hz
· 3dB(A) lower at 1.5m x 1.5m point
- *4 It is measured in anechoic room.