

INDOOR UNIT

Floor standing exposed

PFFY-P VLEM-E



A compact cased unit providing simple, effective air conditioning in perimeter zones.



Its basic design is suitable for various locations such as offices, shops, and hospitals. A remote controller can be mounted on the unit on site.

Compact unit for easy air conditioning in perimeter zones.

The unit is easy to install, and at only 220mm (8-11/16 in.) deep offers an unobtrusive method of delivering highly efficient air conditioning performance.

► 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	
Cooling capacity	*5 kW	2.2	2.8	3.7	4.6	5.7	7.2	
	*5 BTU/h	8,500	10,900	13,600	17,100	21,500	27,300	
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		28 (62)		30 (67)	32 (71)	36 (80)	37 (82)	
Heat exchanger		Cross fin (Aluminum plate fin and copper tube)						
Fan	Type x Quantity		Sirocco fan x 1		Sirocco fan x 2			
	Airflow rate *2 (Lo-Hi)	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
		cfm	194-230		247-318	318-388	424-494	424-547
External static pressure		Pa						
		0						
Motor	Type		1-phase induction motor					
	Output		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.

*5 Reference data under condition of Indoor 27°C(81°F)DB/19.5°C(67°F)WB, Outdoor 35°C(95°F)DB