



### Key Technologies

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### Technical specifications

MODEL		PFFY-P20VLEM-E	PFFY-P25VLEM-E	PFFY-P32VLEM-E	PFFY-P40VLEM-E	PFFY-P50VLEM-E	PFFY-P63VLEM-E	
Power		A single-phase, 220-240V, 50Hz / a single-phase, 208-230V, 60Hz						
Capacity in cooling mode*1	kW	2.2	2.8	3.6	4.5	5.6	7.1	
	Btu/h	7500	9600	12300	15400	19100	24200	
Capacity in heating mode*1	kW	2.5	3.2	4.0	5.0	6.3	8.0	
	Btu/h	8500	10900	13600	17100	21500	27300	
Power consumption	Cooling kW	0.04 / 0.06	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	0.04 / 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	0.19 / 0.25	0.29 / 0.30	0.32 / 0.33	0.40 / 0.41	0.46 / 0.47	
	Heating A	0.19 / 0.25	0.19 / 0.25	0.29 / 0.30	0.32 / 0.33	0.40 / 0.41	0.46 / 0.47	
External finish		Acrylic paint (5Y 8/1)						
Dimensions HxLxW	mm	630x1050x220	630x1050x220	630x1170x220	630x1170x220	630x1410x220	630x1410x220	
Net weight	kg	23	23	25	26	30	32	
Heat exchanger		Cross fins (aluminium fins and copper piping)						
Fan	Type x Quantity	Scirocco x 1	Scirocco x 1	Scirocco x 1	Scirocco x 2	Scirocco x 2	Scirocco x 2	
	Air flow	m <sup>3</sup> /min	5.5-6.5	5.5-6.5	7.0-9.0	9.0-11.0	12.0-14.0	12.0-15.5
		l/s	92-108	92-108	117-150	150-183	200-233	200-258
		cfm	194-230	194-230	247-318	318-388	424-494	424-547
Static external pres.	Pa	0	0	0	0	0	0	
Motor	Type	Single-phase induction motor						
	Power output kW	0.015	0.015	0.018	0.030	0.035	0.050	
Air filter		Polypropylene honeycomb fabric (washable)						
Refrigerant pipe diameter	Gas (swaged) mm	ø12.7	ø12.7	ø12.7	ø12.7	ø12.7	ø15.88	
	Liquid (swaged) mm	ø6.35	ø6.35	ø6.35	ø6.35	ø6.35	ø9.52	
Local drain pipe diameter		D.I., 26 (1) <Accessory pipe O.D. 27 (upper end. O.D. 20)>						
Sound pressure**2**3**4	dB(A)	34-40	34-40	35-40		38-43	40-46	

\*1 For heating/cooling capacity, the maximum value with the unit operating in the following conditions is given.  
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.

\*2 Air flow/noise levels given for operation in low-high modes.

\*3 Measurement point: 1m x 1m, Power: 240V AC/50Hz:

1dB(A) less with 230V AC/50Hz.

2dB(A) less with 220V AC/50Hz.

3dB(A) less with measurement point at 1.5 m x 1.5 m.

\*4 Measured in anechoic chamber.