



**Key Technologies** VLRM


**Technical specifications**

MODEL			PFFY-P20VLRM-E	PFFY-P25VLRM-E	PFFY-P32VLRM-E	PFFY-P40VLRM-E	PFFY-P50VLRM-E	PFFY-P63VLRM-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	Nr. Munsel 5Y 8/1 (Acrylic paint)									
Dimensions HxLxW	mm	639x886x220		639x886x220		639x1006x220		639x1246x220		
Net weight	kg	23		23		25		26		
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		
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			
	Liquid (swaged)	mm	ø6.35		ø6.35		ø6.35			
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		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/6°C (43°F) WB.

\*2 Static external pressure is set to 20 Pa by default.

\*3 Operating noise level measured at a distance of 1m from front side and from rear side in an anechoic chamber (sound pressure meter, A scale). Connect the 1m long duct to the air outlet.