

## Technical specifications

MODEL			PEFY-P15VMS1-E	PEFY-P20VMS1-E	PEFY-P25VMS1-E	PEFY-P32VMS1-E	PEFY-P40VMS1-E	PEFY-P50VMS1-E	PEFY-P63VMS1-E	
Power	A single-phase, 220-240V 50Hz / a 1 fase, 220-240V 60Hz									
Capacity in cooling mode**		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	
		Btu/h	5800	7500	9600	12300	15400	19100	24200	
Capacity in heating mode**		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	
		Btu/h	6500	8500	10900	13600	17100	21500	27300	
Power consumption	Cooling	kW	0.05 [0.03]	0.05 [0.03]	0.06 [0.04]	0.07 [0.05]	0.07 [0.05]	0.09 [0.07]	0.09 [0.07]	
	Heating	kW	0.03 [0.03]	0.03 [0.03]	0.04 [0.04]	0.05 [0.05]	0.05 [0.05]	0.07 [0.07]	0.07 [0.07]	
Current	Cooling	A	0.42 [0.31]	0.47 [0.36]	0.50 [0.39]	0.50 [0.39]	0.56 [0.45]	0.67 [0.56]	0.72 [0.61]	
	Heating	A	0.31 [0.31]	0.36 [0.36]	0.39 [0.39]	0.39 [0.39]	0.45 [0.45]	0.56 [0.56]	0.61 [0.61]	
External finish	Galvanised									
Dimensions HxLxW		mm	200x790x700	200x790x700	200x790x700	200x790x700	200x990x700	200x990x700	200x1190x700	
Net weight		kg	19 [18]	19 [18]	19 [18]	20 [19]	24 [23]	24 [23]	28 [27]	
Heat exchanger	Cross fins (sheet aluminium fins and copper piping)									
Fan	Type x Quantity	Sirocco x 2			Sirocco x 3			Sirocco x 4		
	Air flow (low-medium-high)	m³/min	5-6-7	5.5-6.5-8	5.5-7-9	6-8-10	8-9.5-11	9.5-11-13	12-14-16.5	
	Static external press	Pa	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	
Motor	Type	Brushless DC motor								
	Power output	kW	0.096	0.096	0.096	0.096	0.096	0.096	0.096	
Air filter	Polypropylene honeycomb fabric (washable)									
Refrigerant pipe diameter	Gas (swaged)	mm	ø12.7 brazed	ø12.7 brazed	ø12.7 brazed	ø12.7 brazed	ø12.7 brazed	ø12.7 brazed	ø15.88 brazed	
	Liquid (swaged)	mm	ø6.35 brazed	ø6.35 brazed	ø6.35 brazed	ø6.35 brazed	ø6.35 brazed	ø6.35 brazed	ø9.52 brazed	
Local drain pipe diameter			O.D. 32	O.D. 32	O.D. 32	O.D. 32	O.D. 32	O.D. 32	O.D. 32	
Sound pressure (low-medium-high)		dB(A)	22-24-28	23-25-29	24-26-30	24-27-32	28-30-33	30-32-35	30-33-36	

\*1 For heating/cooling capacity, the maximum value with the unit operating in the following conditions is given.  
Cooling: indoor 27°C DB/19°C WB, outdoor 35°C DB.  
Heating: indoor 20°C DB (68°F DB), outdoor 7°C DB (45°F DB/43°F WB). Pipe length: 7.5 m (24-9/16 feet).  
Height difference: 0 m (0 feet).

\*2 Static external pressure is set to 15 Pa by default.

\*3 [ ] in case of PEFY-P15-63VMS1L-E.