



Key Technologies

Technical specifications

MODEL		PEFY-P40VMHS-E	PEFY-P50VMHS-E	PEFY-P63VMHS-E	PEFY-P71VMHS-E	PEFY-P80VMHS-E	PEFY-P100VMHS-E	PEFY-P125VMHS-E	PEFY-P140VMHS-E	
Power		A single-phase, 220-230-240V 50/60 Hz								
Capacity in cooling mode *1	kW	4,5	5,6	7,1	8,0	9,0	11,2	14,0	16,0	
	Btu/h	15,400	19,100	24,200	27,300	30,700	38,200	47,800	54,600	
Capacity in heating mode*1	kW	5,0	6,3	8,0	9,0	10,0	12,5	16,0	18,0	
	Btu/h	17,100	21,500	27,300	30,700	34,100	42,700	54,600	61,400	
Power consumption	Cooling kW	0,055	0,055	0,090	0,075	0,090	0,160	0,160	0,190	
	Heating kW	0,055	0,055	0,090	0,075	0,090	0,160	0,160	0,190	
Current	Cooling A	0,41-0,39-0,38	0,41-0,39-0,38	0,64-0,62-0,59	0,54-0,52-0,50	0,63-0,61-0,58	1,05-1,01-0,96	1,05-1,01-0,96	1,24-1,19-1,14	
	Heating A	0,41-0,39-0,38	0,41-0,39-0,38	0,64-0,62-0,59	0,54-0,52-0,50	0,63-0,61-0,58	1,05-1,01-0,96	1,05-1,01-0,96	1,24-1,19-1,14	
External finish		Galvanized								
Dimensions HxLxW	mm	380x745x900	380x745x900	380x745x900	380x1030x900	380x1030x900	380x1195x900	380x1195x900	380x1195x900	
Net weight	kg	35	35	35	45	45	51	51	53	
Heat exchanger		Cross fins (aluminium fins and copper piping)								
Fan	Type x Quantity	Sirocco x 1		Sirocco x 1	Sirocco x 2	Sirocco x 2	Sirocco x 2	Sirocco x 2	Sirocco x 2	
	Air flow (low-medium-high)	m³/min	10,0-12,0-14,0	10,0-12,0-14,0	13,5-16,0-19,0	15,5-18,0-22,0	18,0-21,5-25,0	26,5-32,0-38,0	26,5-32,0-38,0	28,0-34,0-40,0
		l/s	167-200-233	167-200-233	225-267-317	258-300-367	300-358-417	442-533-633	442-533-633	467-567-667
	cfm	353-424-494	353-424-494	477-565-671	547-636-777	636-759-883	936-1130-1342	936-1130-1342	989-1201-1412	
Static external press	Pa	50 - 100 -150 - 200	50 - 100 -150 - 200	50 - 100 -150 - 200	50 - 100 -150 - 200	50 - 100 -150 - 200	50 - 100 -150 - 200	50 - 100 -150 - 200	50 - 100 -150 - 200	
Motor	Type	Motor DC								
	Power output	kW	0,121	0,121	0,121	0,244	0,244	0,375	0,375	0,375
Air filter		-								
Refrigerant pipe diameter	Gas (swaged)	mm	12,7	12,7	15,88	15,88	15,88	15,88	15,88	15,88
	Liquid (swaged)	mm	6,35	6,35	9,52	9,52	9,52	9,52	9,52	9,52
Local drain pipe diameter		O.D 32								
Sound pressure (low-medium-high)*2	dB(A)	20-23-27	20-23-27	24-27-32	24-26-30	25-27-30	27-31-34	27-31-34	27-32-36	

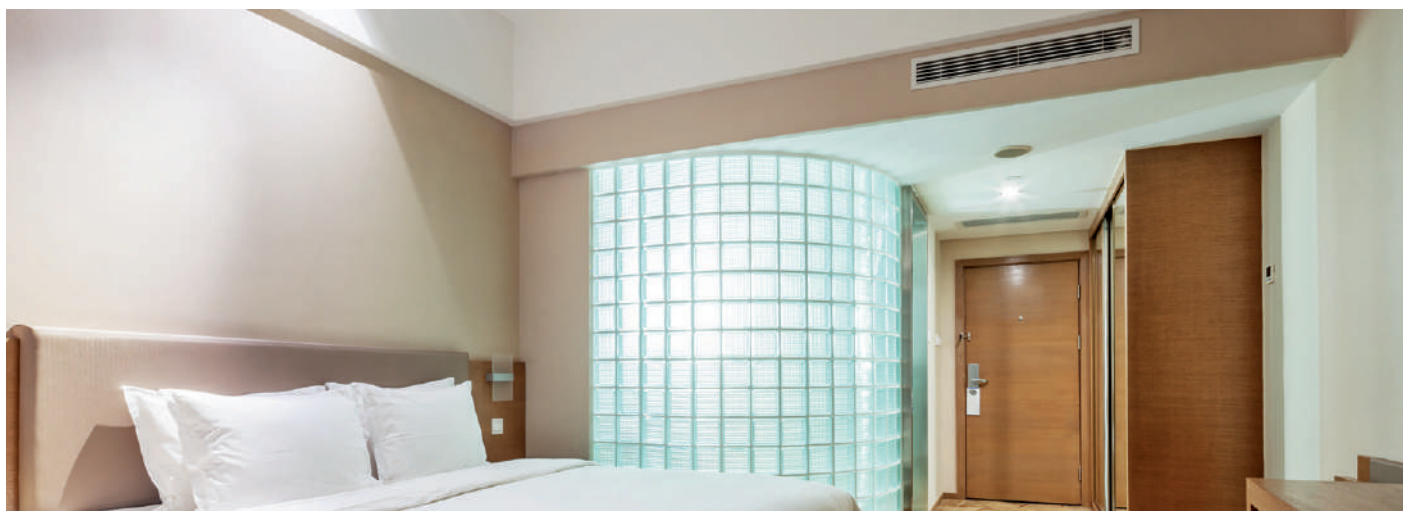
*1 For heating/cooling capacity, the maximum value with the unit operating in the following conditions is given:

Cooling: 27°C DB / 19°C WB, outdoor 35°C DB.

Heating: 27°C DB, outdoor 7°C DB / 6°C WB.

*2 Static pressure is set to 50 Pa by default.

*3 Measured in anechoic chamber.



Key Technologies

Technical specifications

MODEL			PEFY-P200VMHS-E	PEFY-P250VMHS-E
Power	A single-phase, 220-240V, 50Hz			
Capacity in cooling mode *1		kW	22.4	28.0
		Btu/h	76,000	95,500
Capacity in heating mode*1		kW	25.0	31.5
		Btu/h	72,300	90,400
Power consumption	Cooling	kW	0.63/0.63/0.63	0.82/0.82/0.82
	Heating	kW	0.63/0.63/0.63	0.82/0.82/0.82
Current	Cooling	A	3.47/3.32/3.18	4.72/4.43/4.14
	Heating	A	3.47/3.32/3.18	4.72/4.43/4.14
External finish	Galvanised			
Dimensions HxLxW		mm	470 x 1250 x 1120	470 x 1250 x 1120
Net weight		kg	97	100
Heat exchanger	Cross Fin			
Fan	Type x Quantity		Sirocco x 2	
	Air flow (low-medium-high)	m³/min	50-61-72	58-71-84
	Static external press*2	Pa	(50)/(100)/150/(200)/(250)	
Motor	Type		Single-phase induction motor	
	Power output	kW	0.87	0.87
Air filter			-	-
Refrigerant pipe diameter	Gas (swaged)	mm	19.05	22.2
	Liquid (swaged)	mm	9.52	9.52
Local drain pipe diameter			32	32
Sound pressure (low-medium-high)*3		dB(A)	36-39-43	39-42-46

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

Cooling: 27°C DB / 19°C WB, outdoor 35°C DB.

Heating: 27°C DB, outdoor 7°C DB / 6°C WB.

*2 Static pressure is set to 150 Pa by default.

*3 Measured in anechoic chamber.