



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 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			0.D 32	0.D 32	0.D 32	0.D 32	0.D 32	0.D 32	0.D 32	0.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 La capacità di riscaldamento/raffreddamento indica il valore massimo in fase di funzionamento nelle condizioni seguenti.

Raffreddamento: interno 27°C (81°F) BS/19°C(66°F) BU, esterno 35°C (95°F) BS. Riscaldamento: interno 20°C (68°F) BS, esterno 7°C (45°F) BS/6°C (43°F) BU.

*2 La pressione statica è impostata su 50 Pa in fabbrica.

*3 Misurato in camera anecoica.