



**Key Technologies**


**Technical specifications**

MODEL			PEFY-P20VMA-E2	PEFY-P25VMA-E2	PEFY-P32VMA-E2	PEFY-P40VMA-E2	PEFY-P50VMA-E2	PEFY-P63VMA-E2
Power			A single-phase, 220-230-240VAC 50Hz					
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	0.037	0.037	0.045	0.062	0.085	0.071
	Heating	kW	0.035	0.035	0.043	0.060	0.083	0.069
Current	Cooling	A	0.35	0.35	0.37	0.45	0.55	0.45
	Heating	A	0.35	0.35	0.37	0.45	0.55	0.45
External finish			Galvanized steel plate					
Dimensions HxLxW		mm	250x700x732	250x700x732	250x700x732	250x900x732	250x900x732	250x1100x732
Net weight		kg	22	22	22	26	26	31
Heat exchanger			Cross fin (Aluminum fin and copper tube)					
Fan	Type x Quantity		Sirocco x 1					
	Air flow (low-medium-high)	m³/min	6.0-7.5-8.5	6.0-7.5-8.5	7.5-9.0-10.5	10.0-12.0-14.0	12.0-14.5-17.0	13.5-16.0-19.0
		l/s	100-125-142	100-125-142	125-150-175	167-200-233	200-242-283	225-267-317
	cfm	212-265-300	212-265-300	265-318-371	353-424-494	424-512-600	477-565-671	
Static external press	Pa	35/50/70/100/150	35/50/70/100/150	35/50/70/100/150	35/50/70/100/150	35/50/70/100/150	35/50/70/100/150	
Motor			DC Motor					
	Power output	kW	0.085	0.085	0.085	0.085	0.085	0.121
Air filter			Polypropylene honeycomb fabric (washable)					
Refrigerant pipe diameter	Gas (swaged)	mm	ø6.35	ø6.35	ø6.35	ø6.35	ø6.35	ø9.52
	Liquid (swaged)	mm	ø12.7	ø12.7	ø12.7	ø12.7	ø12.7	ø15.88
Local drain pipe diameter			O.D. 32 (1-1/4)					
Sound pressure (low-medium-high)*2		dB(A)	26-27-28	26-27-28	28-30-34	28-30-34	28-31-35	29-32-35

\*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 Measured in anechoic chamber with 230V mains power.

## Technical specifications

MODEL			PEFY-P71VMA-E2	PEFY-P80VMA-E2	PEFY-P100VMA-E2	PEFY-P125VMA-E2	PEFY-P140VMA-E2
Power	A single-phase, 220-230-240VAC 50Hz						
Capacity in cooling mode *1	kW		8.0	9.0	11.2	14.0	16.0
	Btu/h		27300	30700	38200	47800	54600
Capacity in heating mode*1	kW		9.0	10.0	12.5	16.0	18.0
	Btu/h		30700	34100	42700	54600	61400
Power consumption	Cooling	kW	0.085	0.085	0.146	0.202	0.216
	Heating	kW	0.083	0.083	0.144	0.200	0.214
Current	Cooling	A	0.60	0.60	0.95	1.29	1.47
	Heating	A	0.60	0.60	0.95	1.29	1.47
External finish	Galvanized steel plate						
Dimensions HxLxW	mm		250x1100x732	250x1100x732	250x1400x732	250x1400x732	250x1600x732
Net weight	kg		31	31	39	39	43
Heat exchanger	Cross fin (Aluminum fin and copper tube)						
Fan	Type x Quantity		Ventilatore Sirocco x 2	Ventilatore Sirocco x 2	Ventilatore Sirocco x 3	Ventilatore Sirocco x 3	Ventilatore Sirocco x 3
	Air flow (low-medium-high)	m <sup>3</sup> /min	14.5-18.0-21.0	14.5-18.0-21.0	23.0-28.0-32.0	28.0-34.0-37.0	29.5-35.5-40.0
		l/s	242-300-350	242-300-350	383-467-533	467-567-617	492-592-667
		cfm	512-636-742	512-636-742	812-989-1130	989-1201-1306	1042-1254-1412
Static external press	Pa	40/50/70/100/150	40/50/70/100/150	40/50/70/100/150	40/50/70/100/150	40/50/70/100/150	
Motor	Type	DC Motor					
	Power output	kW	0.121	0.121	0.300	0.300	0.300
Air filter	Polypropylene honeycomb fabric (washable)						
Refrigerant pipe diameter	Gas (swaged)	mm	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52
	Liquid (swaged)	mm	ø15.88	ø15.88	ø15.88	ø15.88	ø15.88
Local drain pipe diameter			O.D. 32 (1-1/4)	O.D. 32 (1-1/4)	O.D. 32 (1-1/4)	O.D. 32 (1-1/4)	O.D. 32 (1-1/4)
Sound pressure (low-medium-high)*2		dB(A)	29-32-34	29-32-34	31-35-38	35-39-40	32-36-40

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

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\*2 Measured in anechoic chamber with 230V mains power.