

## Technical specifications

MODEL			PFFY-P20VCM-E	PFFY-P25VCM-E	PFFY-P32VCM-E	PFFY-P40VCM-E	PFFY-P50VCM-E	PFFY-P63VCM-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	7,500	9,600	12,300	15,400	19,100	24,200	
Capacity in heating mode*1		kW	2.5	3.2	4.0	5.0	6.3	8.0	
		Btu/h	8,500	10,900	13,600	17,100	21,500	27,300	
Power consumption*2	Cooling	kW	0.022	0.026	0.031	0.038	0.052	0.058	
	Heating	kW	0.022	0.026	0.031	0.038	0.052	0.058	
Current*2	Cooling	A	0.25	0.30	0.34	0.38	0.50	0.49	
	Heating	A	0.25	0.30	0.34	0.38	0.50	0.49	
External finish	Galvanized steel plate								
Dimensions HxLxW*3		mm	615(690)x700x200	615(690)x700x200	615(690)x700x200	615(690)x900x200	615(690)x900x200	615(690)x1,100x200	
Net weight		kg	18	18	18.5	22.5	22.5	25.5	
Heat exchanger	Cross fin (aluminium fin and copper piping)								
Fan	Type x Quantity		Sirocco x 2	Sirocco x 2	Sirocco x 2	Sirocco x 3	Sirocco x 3	Sirocco x 4	
	Air flow	(Low-Mid-High)							
		m <sup>3</sup> /min		5.5-6.0-7.0	5.5-6.5-8.0	5.5-7.0-8.5	8.0-9.5-11.0	10.0-11.5-13.5	12.0-14.0-16.5
		l/s		83-100-117	92-108-133	92-117-142	133-158-183	167-192-225	200-233-275
	cfm		177-212-247	194-230-282	194-247-300	282-335-388	353-406-477	424-494-583	
Static external pres.	Pa	<0> - 10 - <40> - <60>	<0> - 10 - <40> - <60>	<0> - 10 - <40> - <60>	<0> - 10 - <40> - <60>	<0> - 10 - <40> - <60>	<0> - 10 - <40> - <60>	<0> - 10 - <40> - <60>	
Motor	Type	DC motor							
	Power output	kW	0.096	0.096	0.096	0.096	0.096	0.096	
Air filter	Polypropylene honeycomb fabric (washable)								
Refrigerant pipe diameter	Gas (brazed)	mm	ø12.7	ø12.7	ø12.7	ø12.7	ø12.7	ø15.88	
	Liquid (brazed)	mm	ø6.35	ø6.35	ø6.35	ø6.35	ø6.35	ø9.52	
Field drainpipe diameter	O.D. 32 (1-1/4)								
Sound pressure*2		dB(A)	21-23-26	22-25-29	23-26-30	25-27-30	28-31-34	28-32-35	

\*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 The values are measured at the factory setting of external static pressure (10 Pa).

\*3 The values in ( ) show the height of unit with leg.