

1. SPECIFICATIONS

Floor standing (Exposed type)

PFFY-P-VEM-E

Model			PFFY-P20VEM-E	PFFY-P25VEM-E	PFFY-P32VEM-E	PFFY-P40VEM-E	
Power source			1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	2.2	2.8	3.6	4.5	
	*1	BTU/h	7,500	9,600	12,300	15,400	
	Power input		kW	0.021	0.026	0.031	
	Current input		A	0.26-0.25-0.24	0.31-0.30-0.29	0.37-0.35-0.34	
Heating capacity (Nominal)	*2	kW	2.5	3.2	4.0	5.0	
	*2	BTU/h	8,500	10,900	13,600	17,100	
	Power input		kW	0.021	0.026	0.031	
	Current input		A	0.26-0.25-0.24	0.31-0.30-0.29	0.37-0.35-0.34	
External finish			Galvanized steel plate, MUNSSELL (1.0Y 9.2/0.2)/ABS, MUNSSELL (5.32GY 8.75/0.37)	Galvanized steel plate, MUNSSELL (1.0Y 9.2/0.2)/ABS, MUNSSELL (5.32GY 8.75/0.37)	Galvanized steel plate, MUNSSELL (1.0Y 9.2/0.2)/ABS, MUNSSELL (5.32GY 8.75/0.37)	Galvanized steel plate, MUNSSELL (1.0Y 9.2/0.2)/ABS, MUNSSELL (5.32GY 8.75/0.37)	
External dimension H x W x D			*3	mm	669 (726) x 1,142 x 217	669 (726) x 1,142 x 217	
			*3	in.	26-3/8 (28-5/8) x 45 x 8-9/16	26-3/8 (28-5/8) x 45 x 8-9/16	
Net weight			kg (lbs)	29.5 (67)	29.5 (67)	30 (67)	
Heat exchanger			Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	
FAN	Type x Quantity		Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 3	
	External static press.	Pa	0	0	0	0	
		mmH ₂ O	0.0	0.0	0.0	0.0	
	Motor Type		DC motor	DC motor	DC motor	DC motor	
	Motor output		kW	0.096	0.096	0.096	
	Driving mechanism		Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	
	Air flow rate		(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
			m ³ /min	5.0 - 6.0 - 7.0	5.5 - 6.5 - 8.0	5.5 - 7.0 - 8.5	8.0 - 9.5 - 11.0
			L/s	83 - 100 - 117	92 - 108 - 133	92 - 117 - 142	133 - 158 - 183
			cfm	177 - 212 - 247	194 - 230 - 282	194 - 247 - 300	282 - 335 - 388
Sound pressure level (measured in anechoic room)			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
			dB <A>	23.0-27.0-31.0	25.0-29.0-34.0	25.0-31.0-36.0	29.0-33.0-36.0
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam	Polystyrene foam, Polyethylene foam, Urethane foam	Polystyrene foam, Polyethylene foam, Urethane foam	Polystyrene foam, Polyethylene foam, Urethane foam	
Air filter			PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	
Protection device			Fuse	Fuse	Fuse	Fuse	
Refrigerant control device			LEV	LEV	LEV	LEV	
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Refrigerant piping diameter	Liquid (R410A)	mm (in.)	6.35 (1/4)Brazed	6.35 (1/4)Brazed	6.35 (1/4)Brazed	6.35 (1/4)Brazed	
	Gas (R410A)	mm (in.)	12.7 (1/2)Brazed	12.7 (1/2)Brazed	12.7 (1/2)Brazed	12.7 (1/2)Brazed	
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	
Drawing	External		KB94C45F, KB94C45G	KB94C45F, KB94C45G	KB94C45F, KB94C45G	KB94C45F, KB94C45G	
	Wiring		KB94C4K2	KB94C4K2	KB94C4K2	KB94C4K2	
	Refrigerant cycle		-	-	-	-	
Standard attachment	Document		Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	
	Accessory		Washer, Drain hose, Tie band, Leg, Leg cover, M4 screw, M5 screw	Washer, Drain hose, Tie band, Leg, Leg cover, M4 screw, M5 screw	Washer, Drain hose, Tie band, Leg, Leg cover, M4 screw, M5 screw	Washer, Drain hose, Tie band, Leg, Leg cover, M4 screw, M5 screw	
Optional parts	Back decoration panel		PAC-BP32VEM-E	PAC-BP32VEM-E	PAC-BP32VEM-E	PAC-BP50VEM-E	
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.				

Notes:

- Nominal cooling conditions
Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B. (95°F.D.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions
Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- The values in () show the height of unit with leg.

Unit converter

BTU/h =kW x 3.412
cfm =m³/min x 35.31
lbs =kg/0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Floor standing (Exposed type)

PFFY-P-VEW-E

Model			PFFY-P50VEM-E	PFFY-P63VEM-E			
Power source			1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz			
Cooling capacity (Nominal)	*1	kW	5.6	7.1			
	*1	BTU/h	19,100	24,200			
	Power input		kW	0.054	0.061		
	Current input		A	0.58-0.56-0.55	0.52-0.50-0.48		
Heating capacity (Nominal)	*2	kW	6.3	8.0			
	*2	BTU/h	21,500	27,300			
	Power input		kW	0.054	0.061		
	Current input		A	0.58-0.56-0.55	0.52-0.50-0.48		
External finish			Galvanized steel plate, MUNSSELL (1.0Y 9.2/0.2)/ABS, MUNSSELL (5.32GY 8.75/0.37)	Galvanized steel plate, MUNSSELL (1.0Y 9.2/0.2)/ABS, MUNSSELL (5.32GY 8.75/0.37)			
External dimension H x W x D		*3	mm	669 (726) x 1,342 x 217	669 (726) x 1,542 x 217		
		*3	in.	26-3/8 (28-5/8) x 52-7/8 x 8-9/16	26-3/8 (28-5/8) x 60-3/4 x 8-9/16		
Net weight		kg (lbs)	35 (78)	39.5 (89)			
Heat exchanger			Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)			
FAN	Type x Quantity		Sirocco fan x 3	Sirocco fan x 4			
	External static press.	Pa	0	0			
		mmH ₂ O	0.0	0.0			
	Motor Type		DC motor	DC motor			
	Motor output		kW	0.096	0.096		
	Driving mechanism		Direct-driven by motor	Direct-driven by motor			
	Air flow rate		(Low-Mid-High)	(Low-Mid-High)			
			m ³ /min	10.0 - 11.5 - 13.5	12.0 - 14.0 - 16.5		
			L/s	167 - 192 - 225	200 - 233 - 275		
		cfm	353 - 406 - 477	424 - 494 - 583			
Sound pressure level (measured in anechoic room)			(Low-Mid-High)	(Low-Mid-High)			
			dB <A>	34.0-37.0-41.0	32.0-36.0-40.0		
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam	Polystyrene foam, Polyethylene foam, Urethane foam			
Air filter			PP honeycomb fabric.	PP honeycomb fabric.			
Protection device			Fuse	Fuse			
Refrigerant control device			LEV	LEV			
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI			
Refrigerant piping diameter	Liquid (R410A)	mm (in.)	6.35 (1/4)Braze	9.52 (3/8)Braze			
	Gas (R410A)	mm (in.)	12.7 (1/2)Braze	15.88 (5/8)Braze			
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)		
Drawing	External		KB94C45F, KB94C45G	KB94C45F, KB94C45G			
	Wiring		KB94C4K2	KB94C4K2			
	Refrigerant cycle		-	-			
Standard attachment	Document		Installation Manual, Instruction Book	Installation Manual, Instruction Book			
	Accessory		Washer, Drain hose, Tie band, Leg, Leg cover, M4 screw, M5 screw	Washer, Drain hose, Tie band, Leg, Leg cover, M4 screw, M5 screw			
Optional parts	Back decoration panel		PAC-BP50VEM-E	PAC-BP63VEM-E			
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.				

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Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB. (95°FDB.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions
Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
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Unit converter

BTU/h =kW x 3,412
cfm =m³/min x 35.31
lbs =kg/0.4536

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