

1. SPECIFICATIONS

Floor standing (Concealed type)

Model			PFFY-P20VCM-E	PFFY-P25VCM-E	PFFY-P32VCM-E	PFFY-P40VCM-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	
	*2	Power input	kW	0.022	0.031	0.038	
	*2	Current input	A	0.25	0.34	0.38	
Heating capacity (Nominal)	*3	kW	2.5	3.2	4.0	5.0	
	*3	BTU/h	8,500	10,900	13,600	17,100	
	*2	Power input	kW	0.022	0.031	0.038	
	*2	Current input	A	0.25	0.34	0.38	
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension H x W x D	*4	mm	615 (690) x 700 x 200	615 (690) x 700 x 200	615 (690) x 700 x 200	615 (690) x 900 x 200	
	*4	in.	24-1/4 (27-3/16) x 27-9/16 x 7-7/8	24-1/4 (27-3/16) x 27-9/16 x 7-7/8	24-1/4 (27-3/16) x 27-9/16 x 7-7/8	24-1/4 (27-3/16) x 35-7/16 x 7-7/8	
Net weight		kg (lbs)	18 (40)	18 (40)	18.5 (42)	22.5 (51)	
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	
	*5	External static press.	Pa	<0> - 10 - <40> - <60>	<0> - 10 - <40> - <60>	<0> - 10 - <40> - <60>	
			mmH ₂ O	<0.0> - 1.0 - <4.1> - <6.1>	<0.0> - 1.0 - <4.1> - <6.1>	<0.0> - 1.0 - <4.1> - <6.1>	
	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)	
*2		dB <A>	21-23-26	22-25-29	23-26-30	25-27-30	
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)Braze	6.35 (1/4)Braze	6.35 (1/4)Braze	6.35 (1/4)Braze	
	Gas (R410A)	mm (in.)	12.7 (1/2)Braze	12.7 (1/2)Braze	12.7 (1/2)Braze	12.7 (1/2)Braze	
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	
Drawing	External		KL94T467, KL94R934	KL94T467, KL94R934	KL94T467, KL94R934	KL94T467, KL94R934	
	Wiring		KL94R950	KL94R950	KL94R950	KL94R950	
	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, Screw	Washer, Drain hose, Tie band, Leg, Screw	Washer, Drain hose, Tie band, Leg, Screw	Washer, Drain hose, Tie band, Leg, Screw	
Optional parts							
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:		Unit converter
1.Nominal cooling conditions 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.)		BTU/h =kW x 3.412
2.The values are measured at the factory setting of external static pressure.		cfm =m ³ /min x 35.31
3.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.)		lbs =kg/0.4536
4.The values in () show the height of unit with leg.		
5.The factory setting of external static pressure is shown without < >. Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Floor standing (Concealed type)

Model			PFFY-P50VCM-E	PFFY-P63VCM-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			
		BTU/h	19,100	24,200			
	*2	Power input	kW	0.052	0.058		
		Current input	A	0.50	0.49		
Heating capacity (Nominal)	*3	kW	6.3	8.0			
		BTU/h	21,500	27,300			
	*2	Power input	kW	0.052	0.058		
		Current input	A	0.50	0.49		
External finish			Galvanized steel plate	Galvanized steel plate			
External dimension H x W x D	*4	mm	615 (690) x 900 x 200	615 (690) x 1,100 x 200			
	*4	in.	24-1/4 (27-3/16) x 35-7/16 x 7-7/8	24-1/4 (27-3/16) x 43-5/16 x 7-7/8			
Net weight		kg (lbs)	22.5 (51)	25.5 (58)			
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			
	*5	External static press.	Pa	<0> - 10 - <40> - <60>	<0> - 10 - <40> - <60>		
			mmH ₂ O	<0.0> - 1.0 - <4.1> - <6.1>	<0.0> - 1.0 - <4.1> - <6.1>		
	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)			
*2		dB <A>	28-31-34	28-32-35			
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)Brazed	9.52 (3/8)Brazed			
	Gas (R410A)	mm (in.)	12.7 (1/2)Brazed	15.88 (5/8)Brazed			
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)			
Drawing	External		KL94T467, KL94R934	KL94T467, KL94R934			
	Wiring		KL94R950	KL94R950			
	Refrigerant cycle		-	-			
Standard attachment	Document		Installation Manual, Instruction Book	Installation Manual, Instruction Book			
	Accessory		Washer, Drain hose, Tie band, Leg, Screw	Washer, Drain hose, Tie band, Leg, Screw			
Optional parts							
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°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.)
- The values are measured at the factory setting of external static pressure.
- 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.)
- The values in () show the height of unit with leg.
- The factory setting of external static pressure is shown without < > .
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.

Unit converter

BTU/h	=kW x 3.412
cfm	=m ³ /min x 35.31
lbs	=kg/0.4536

*Above specification data is subject to rounding variation.

PFFY-P-VCM-E