

1. SPECIFICATIONS

Floor standing (Exposed 2-way type)

Model			PFFY-P20VKM-E2	PFFY-P25VKM-E2	PFFY-P32VKM-E2	PFFY-P40VKM-E2
Power source			1-phase 220-230-240V 50Hz, 1-phase 220V 60Hz			
Cooling capacity (Nominal)	*1	kW	2.2	2.8	3.6	4.5
	*1	BTU / h	7,500	9,600	12,300	15,400
	*3	Power input	kW	0.025	0.025	0.028
	*3	Current input	A	0.20	0.20	0.24
Heating capacity (Nominal)	*2	kW	2.5	3.2	4.0	5.0
	*2	BTU / h	8,500	10,900	13,600	17,100
	*3	Power input	kW	0.025	0.025	0.028
	*3	Current input	A	0.20	0.20	0.24
External finish			Plastic (Pure White)			
External dimension H x W x D		mm	600 x 700 x 200			
		in.	23-5/8 x 27-9/16 x 7-7/8			
Net weight		kg (lbs)	15 (34)			
Heat exchanger			Cross fin (Aluminium fin and copper tube)			
FAN	Type x Quantity		Line flow fan x 2			
	External static press.	Pa	0			
		mmH ₂ O	0			
	Motor type		DC motor			
	Motor output		0.03 x 2			
	Driving mechanism		Direct-drive			
	Airflow rate (Low-Mid-High-SHigh)	m ³ / min	5.9 - 6.8 - 7.6 - 8.7	6.1 - 7.0 - 8.0 - 9.1	6.1 - 7.0 - 8.0 - 9.1	8.0 - 9.0 - 9.5 - 10.7
		L / s	98 - 113 - 127 - 145	102 - 117 - 133 - 152	102 - 117 - 133 - 152	133 - 150 - 158 - 178
cfm		208 - 240 - 268 - 307	215 - 247 - 283 - 321	215 - 247 - 283 - 321	283 - 318 - 335 - 378	
Sound pressure level (Low-Mid-High-SHigh) (measured in anechoic room) *3		dB <A>	27 - 31 - 34 - 37	28 - 32 - 35 - 38	28 - 32 - 35 - 38	35 - 38 - 42 - 44
Insulation material			Polyethylene sheet			
Air filter			PP honeycomb fabric (Catechin air filter)			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A CITY MULTI			
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø6.35 (ø1/4) Flare			
	Gas (R410A)	mm (in.)	ø12.7 (ø1/2) Flare			
Field drain pipe size		mm (in.)	I.D. 16mm (5/8)			
Drawing	External		IU-BK01-B517			
	Wiring		IU-RG79-V367			
	Refrigerant cycle		-			
Standard attachment	Document Accessory		Installation Manual, Instruction Book			
Remark	Optional parts		-			
	Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.			
Note :			*1 Nominal cooling conditions			Unit converter
			*2 Nominal heating conditions			BTU/h = kW x 3.412
Indoor : 27°CDB/19°CWB (81°FDB/66°FWB)			20°CDB (68°FDB)			cfm = m³/min x 35.31
Outdoor : 35°CDB (95°FDB)			7°CDB/6°CWB (45°FDB/43°FWB)			lbs = kg / 0.4536
Pipe length : 7.5 m (24-9/16 ft)			7.5 m (24-9/16 ft)			*Above specification data is subject to rounding variation.
Level difference : 0 m (0 ft)			0 m (0 ft)			
* Nominal conditions *1, *2 are subject to JIS B8615-1.						
* Due to continuing improvement, above specification may be subject to change without notice.						
*3 The values are measured at the rated external static pressure.						