

1. SPECIFICATIONS

Ceiling suspended

Model			PCFY-MS40VKM2-E	PCFY-MS63VKM2-E	PCFY-MS100VKM2-E	PCFY-MS125VKM2-E	
Power source			1-phase 220-240 V 50 Hz, 1-phase 220-240 V 60 Hz				
Cooling capacity (Nominal)	*1	kW	4.5	7.1	11.2	14.0	
	*1	kcal/h	3,900	6,100	9,600	12,000	
	*1	BTU/h	15,400	24,200	38,200	47,800	
	*2	kcal/h	4,000	6,300	10,000	12,500	
	Power input		kW	0.040	0.050	0.090	0.110
	Current input		A	0.28	0.33	0.65	0.76
Heating capacity (Nominal)	*3	kW	5.0	8.0	12.5	16.0	
	*3	kcal/h	4,300	6,900	10,800	13,800	
	*3	BTU/h	17,100	27,300	42,700	54,600	
	Power input		kW	0.040	0.050	0.090	0.110
	Current input		A	0.28	0.33	0.65	0.76
External finish			MUNSELL (6.4Y 8.9/0.4)				
External dimensions HxWxD		mm	230×960×680	230×1280×680	230×1600×680		
		in.	9-1/16×37-13/16×26-3/4	9-1/16×50-3/8×26-3/4	9-1/16×63×26-3/4		
Net weight		kg (lb)	25 (55)	32 (71)	37 (82)	39 (86)	
Heat exchanger			Cross fin (Aluminum fin and copper tube)				
FAN	Type x quantity		Sirocco fan × 2	Sirocco fan × 3	Sirocco fan × 4		
	External static press.	Pa	0				
		mmH ₂ O	0				
	Motor Type		DC motor				
	Motor output		kW	0.090	0.095	0.160	
	Driving mechanism		Direct-driven by motor				
	Airflow rate (Low-Mid2-Mid1-High)	m ³ /min	10-11-12-13	14-15-16-18	21-24-26-28	21-24-27-31	
		L/s	167-183-200-217	233-250-267-300	350-400-433-467	350-400-450-517	
		cfm	353-388-424-459	494-530-565-636	742-847-918-989	742-847-953-1095	
Noise level (Low-Mid2-Mid1-High) (measured in anechoic room)		dB <A>	29-32-34-36	31-33-35-37	36-38-41-43	36-39-42-44	
Insulation material			Polyeter sheet				
Air filter			PP honeycomb				
Protection device			Fuse				
Refrigerant control device			LEV (RH50B088H01) (PAM 4 ton)		LEV (RH50B089H01) (PAM 8 ton)		
Connectable outdoor unit			R32/R410A CITY MULTI				
Diameter of refrigerant pipe	Liquid	mm(in.)	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4)/ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare	
	Gas	mm(in.)	ø12.7 (ø1/2) Flare	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare	
Field drain pipe size		mm(in.)	O.D. 26mm (1)				
Standard attachment	Document		Installation Manual, Instruction Book				
	Accessory						
Optional parts	Drain pump kit		PAC-SJ92DM-E	PAC-SJ94DM-E	PAC-SJ93DM-E		
	High efficiency filter		PAC-SH88KF-E	PAC-SH89KF-E	PAC-SH90KF-E		
	Wireless remote controller		PAR-FL32MA, PAR-SL103A-E				
Remarks	Installation		Details on foundation work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.				

Notes:	*1 Nominal cooling conditions	*2 Nominal cooling conditions	*3 Nominal heating conditions	Unit converter
	Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.)	27°C D.B./19.5°C W.B. (81°F D.B./67°F W.B.)	20°C D.B. (68°F D.B.)	kcal/h = kW × 860
	Outdoor: 35°C D.B. (95°F D.B.)	35°C D.B. (95°F D.B.)	7°C D.B./6°C W.B. (45°F D.B./43°F W.B.)	BTU/h = kW x 3,412
	Pipe length: 7.5 m (24-9/16 ft.)	5 m (16-3/8 ft.)	7.5 m (24-9/16 ft.)	cfm = m ³ /min x 35.31
	Level difference: 0 m (0 ft.)	0 m (0 ft.)	0 m (0 ft.)	lbs = kg / 0.4536
	* Nominal conditions *1, *3 are subject to JIS B8615-1.			*Above specification data is subject to rounding variation.
	* Due to continuing improvement, above specification may be subject to change without notice.			