

1. SPECIFICATIONS

Wall mounted

PKFY-WL-VKM-E

Model				PKFY-WL50VKM-E		PKFY-WL63VKM-E		PKFY-WL80VKM-E			
Power source				1-phase 220-240V 50Hz, 1-phase 220V 60Hz		1-phase 220-240V 50Hz, 1-phase 220V 60Hz		1-phase 220-240V 50Hz, 1-phase 220V 60Hz			
Cooling capacity (Nominal) (220V)	*1	kW		5.6		7.1		9.0			
		BTU / h		19,100		24,200		30,700			
	Power input	kW		0.04		0.05		0.07			
		Current input		A		0.46		0.56		0.76	
Heating capacity (Nominal) (220V)	*2	kW		6.3		8.0		10.0			
		BTU / h		21,500		27,300		34,100			
	Power input	kW		0.04		0.05		0.07			
		Current input		A		0.40		0.50		0.70	
External finish				Plastic, MUNSELL (0.7PB 9.2/0.4)		Plastic, MUNSELL (0.7PB 9.2/0.4)		Plastic, MUNSELL (0.7PB 9.2/0.4)			
External dimension HxWxD		mm		365 x 1170 x 295		365 x 1170 x 295		365 x 1170 x 295			
		in.		14-3/8 x 46-1/16 x 11-5/8		14-3/8 x 46-1/16 x 11-5/8		14-3/8 x 46-1/16 x 11-5/8			
Net weight		kg(lbs)		20 (44)		20 (44)		20 (44)			
Heat exchanger				Cross fin (Aluminum fin and copper tube)		Cross fin (Aluminum fin and copper tube)		Cross fin (Aluminum fin and copper tube)			
				Water Volume		L		2.0		2.0	
FAN		Type x Quantity		Line flow fan x 1		Line flow fan x 1		Line flow fan x 1			
		External static press.		Pa		0		0		0	
				mmH ₂ O		0		0		0	
		Motor Type		DC motor		DC motor		DC motor			
		Motor output		kW		0.069		0.069		0.069	
		Driving mechanism		Direct-driven by motor		Direct-driven by motor		Direct-driven by motor			
		Airflow rate (Low-High)		m ³ / min		18-20		18-22		18-26	
				L/s		300-333		300-367		300-433	
cfm				636-706		636-777		636-918			
Sound pressure level (measured in anechoic room) (Low-High)				dB <A>		39-42		39-45		39-49	
Insulation material				Polyethylene sheet		Polyethylene sheet		Polyethylene sheet			
Air filter				PP honeycomb		PP honeycomb		PP honeycomb			
Protection device				Fuse		Fuse		Fuse			
Refrigerant control device				-		-		-			
Connectable HBC/Hydro unit				CMB-WM-V-AA, CMB-WM-F-AA,CMB-WM-V-BB/CMH-WM-V-A		CMB-WM-V-AA, CMB-WM-F-AA,CMB-WM-V-BB/CMH-WM-V-A		CMB-WM-V-AA, CMB-WM-F-AA,CMB-WM-V-BB/CMH-WM-V-A			
Water piping diameter *3 *4		Connection size		Inlet	in.	RC 3/4 screw		RC 1-1/4 screw		RC 1-1/4 screw	
				Outlet	in.	RC 3/4 screw		RC 1-1/4 screw		RC 1-1/4 screw	
		Field pipe size		Inlet	mm I.D	20		30		30	
				Outlet	mm I.D	20		30		30	
Field drain pipe size				mm(in.)		I.D. 16(5/8)		I.D. 16(5/8)		I.D. 16(5/8)	
Drawing		External		RK01N845		RK01N845		RK01N845			
		Wiring		BT79B108		BT79B108		BT79B108			
		Refrigerant cycle		-		-		-			
Standard attachment		Document		Installation Manual, Instruction Book		Installation Manual, Instruction Book		Installation Manual, Instruction Book			
		Accessory		Mount board, Screw, Felt tape, L-shape connection pipe A/B, I-shape connection pipe A/B, Insulation, Tie band		Mount board, Screw, Felt tape, L-shape connection pipe A/B, I-shape connection pipe A, Insulation, Tie band		Mount board, Screw, Felt tape, L-shape connection pipe A/B, I-shape connection pipe A, Insulation, Tie band			
Optional parts		Drain pump kit		PAC-SK19DM-E		PAC-SK19DM-E		PAC-SK19DM-E			
		Valve kit		*5		PAC-SK35VK-E		PAC-SK35VK-E		PAC-SK35VK-E	
				6m Lead wire		PAC-SK40LW-E		PAC-SK40LW-E		PAC-SK40LW-E	
				Attachment plate		PAC-SK39AP-E		PAC-SK39AP-E		PAC-SK39AP-E	
		Plasma Quad Connect				MAC-100FT-E		MAC-100FT-E		MAC-100FT-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 specification 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.)
 - Be sure to install a valve on the water outlet.
 - Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.
 - Certain restrictions apply to indoor unit combinations.
Refer to the section on the valve kit in the chapter "OPTIONAL PARTS" in the DATA BOOK for the restrictions.
When the valve kit is installed farther away from the HBC than the distance between the HBC and the WL-model indoor unit, the maximum allowable height difference between the HBC and the valve kit is 15 meters.
The maximum allowable piping length between the indoor unit and the valve kit is 5 meters.
- *Please group units that operate on 1 branch.

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.