

Air Conditioning Systems

PKFY-P VLM-E
PRODUCT FLYER



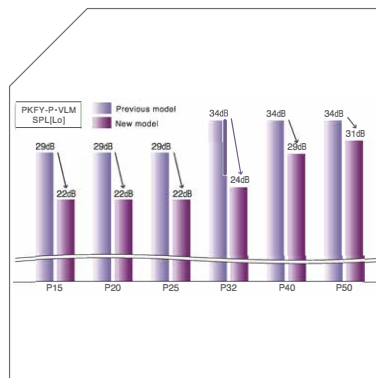
PKFY-P VLM-E

A modern indoor unit design, combined with compact dimensions and quiet operation, the PKFY-P VLM-E is an ideal unit choice.



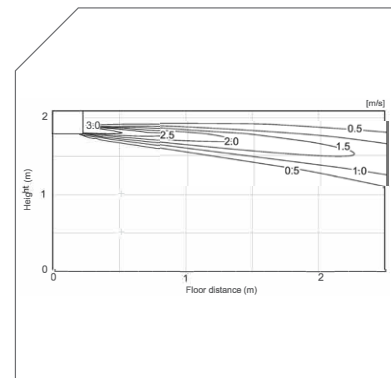
New Design

A sharp and simple form that combines beauty and function. The simple square harmonises beautifully with the straight lines created by the intersection of the walls, floor and ceiling of the space.



Reduced Noise Levels

The noise level has been significantly reduced compared to the previous model by reviewing the unit structure and improving the line flow fan. Noise levels have reduced to 22dB (models P15/20/25 only).



Airflow Control

Significantly improved airflow control through widened vane control, improving air distribution and comfort. This also reduces the feeling of draft even on a wall-mounted model.

Features

- » Compact Flat Design
- » Reduced Noise Levels
- » Only 773mm wide (models P10-P32)
- » Available in White
- » Easy Installation
- » Optional Drain Pump
- » Horizontal Airflow
- » Fan Speed Control
- » Vane Control

SPECIFICATIONS

Model		PKFY-P10VLM-E	PKFY-P15VLM-E	PKFY-P20VLM-E	PKFY-P25VLM-E	PKFY-P32VLM-E	PKFY-P40VLM-E	PKFY-P50VLM-E		
Power Source		1-phase 220-240 V 50 Hz, 1-phase 220-230 V 60 Hz								
Cooling Capacity (Nominal)	*1 kW	1.2	1.7	2.2	2.8	3.6	4.5	5.6		
	*1 kcal/h	1000	1500	1900	2400	3100	3900	4800		
	*1 BTU/h	4100	5800	7500	9600	12300	15400	19100		
	Power input kW	0.02	0.02	0.02	0.03	0.04	0.04	0.05		
Current input A		0.20	0.20	0.20	0.25	0.35	0.35	0.45		
Heating Capacity (Nominal)	*2 kW	1.4	1.9	2.5	3.2	4.0	5.0	6.3		
	*2 kcal/h	1200	1600	2200	2800	3400	4300	5400		
	*2 BTU/h	4800	6500	8500	10900	13600	17100	21500		
	Power input kW	0.01	0.01	0.01	0.02	0.03	0.03	0.04		
Current input A		0.15	0.15	0.15	0.20	0.30	0.30	0.40		
External finish (Munsell No.)		Plastic (0.7PB 9.2/0.4)9.2/0.4)								
External dimension (HxWxD)		mm 299 x 773 x 237					299 x 898 x 237			
Net weight		kg (lb) 11					13			
Heat exchanger		Cross fin (Aluminium fin and copper tube)								
Fan		Line flow fan x1								
Type x Quantity		Line flow fan x1								
External static press Pa (mmH2O)		0 (0)								
Motor type		DC motor								
Motor output kW		0.03								
Driving mechanism		Direct driven								
Airflow rate (Low-Mid2-Mid1-High)		m ³ /min	3.3-3.5-3.8-4.2	4.0-4.2-4.4-4.7	4.0-4.4-4.9-5.4	4.0-4.6-5.4-6.7	4.3-5.4-6.9-8.4	6.3-7.4-8.6-10.0	6.8-8.3-10.2-12.4	
		L/s	55-58-63-70	67-70-73-78	67-73-82-90	67-77-90-112	72-90-115-140	105-123-143-167	113-138-170-207	
		cfm	117-124-134-148	141-148-155-166	141-155-173-191	141-162-191-237	152-191-244-297	222-261-304-353	240-293-360-438	
Noise level (Low-Mid2-Mid1-High) (measured in anechoic room at 1m)		dB <A>		22-24-26-28	22-24-26-28	22-26-29-31	22-27-31-35	24-31-37-41	29-34-37-40	31-36-41-46
Insulation material		Polyethylene sheet								
Air filter		PP Honeycomb								
Protection device		Fuse								
Refrigerant control device		LEV								
Connectable outdoor unit		R410A CITY MULTI								
Diameter of refrigerant pipe		Liquid mm (in.)	ø6.35 (ø1/4)							
		Gas mm (in.)	ø12.7 (ø1/2)							
Field drain pipe		mm (in.) I.D.16 (5/8)								
Standard attachment		Installation Manual, Instruction Book								
Optional parts		Drain pump kit		PAC-SK01DM-E						
		External Lev Box		PAC-SK17LE-E		PAC-SG95LE-E				

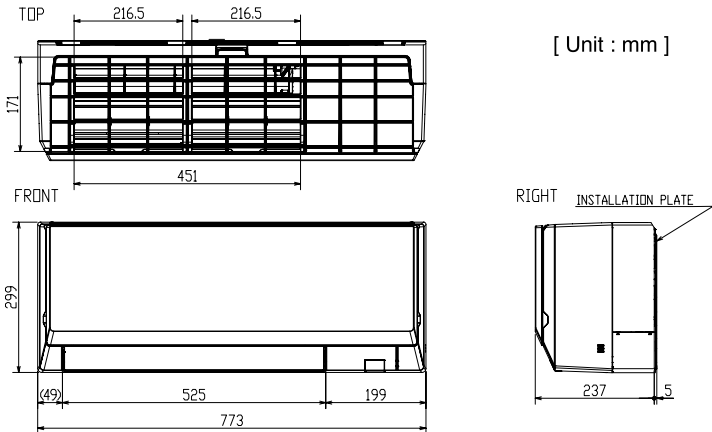
Remark Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement above specifications may be subject to change without notice.

Notes: '1. Nominal cooling conditions (subject to JIS B8615-1) Indoor: 27°CDB./19°CWB. Outdoor: 35°CDB. Pipe length: 7.5 m, Level difference: 0 m
'2. Nominal heating conditions (subject to JIS B8615-1) Indoor: 20°CDB. Outdoor: 7°CDB./6°CWB. Pipe length: 7.5 m, Level difference: 0 m

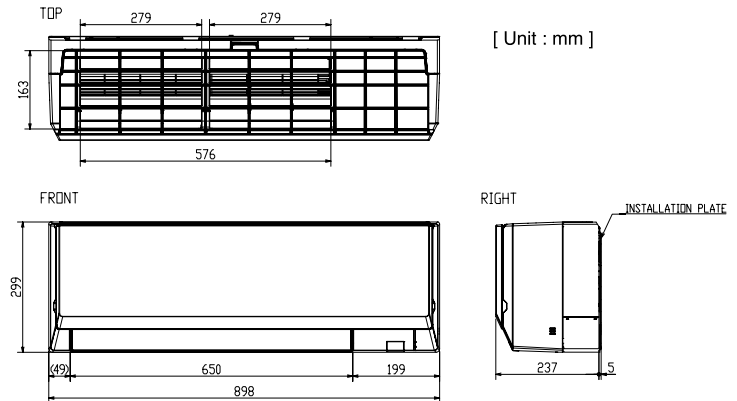
Unit converter kcal/h = kW x 860 Btu/h = kW x 3,412 cfm = m³/min x 35.31 lb = kg/0.4536
Note: Above specification data is subject to rounding variation.

UNIT DIMENSIONS

PKFY-P10/15/20/25/32VLM-E



PKFY-P40/50VLM-E



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