

Air Conditioning Systems

PKFY-P VLM-E

PRODUCT FLYER



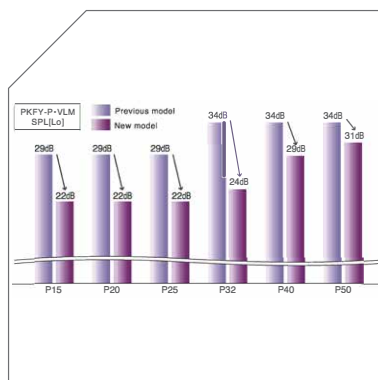
PKFY-P VLM-E

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



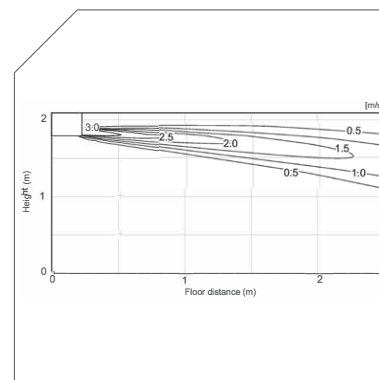
New Design

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	0.05	
	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/.04)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	Type x Quantity		Line flow fan x1							
	External static press	Pa (mmH20)	0 (0)							
	Motor type		DC motor							
	Motor output		0.03							
	Driving mechanism		Direct driven							
	Airflow rate (Low-Mid2-Mid1-High)	m³/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							
Refridgerant 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						

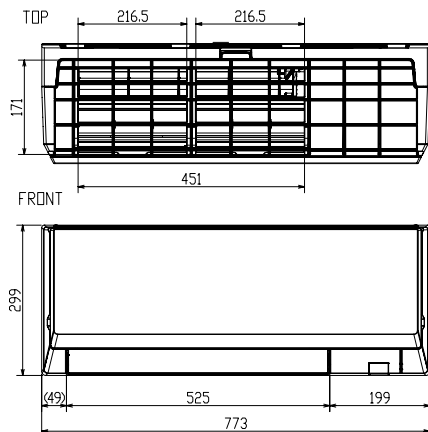
Remark Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.
Due to continuing improvement above specifications may be subject to change without notice.

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

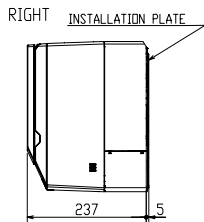
Unit converter kcal/h = kW x 860 Btu/h = kW x 3,412 cfm = m³/min x 35.31 lb = kg/0.4536
Note: Above specification data is subject to rounding variation.

UNIT DIMENSIONS

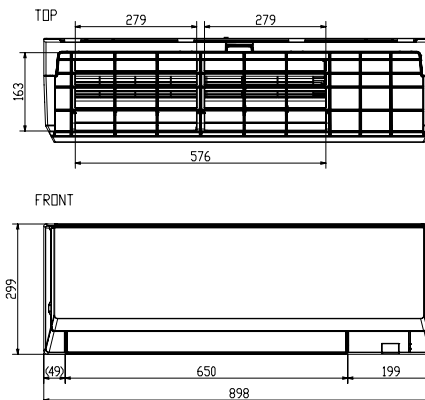
PKFY-P10/15/20/25/32VLM-E



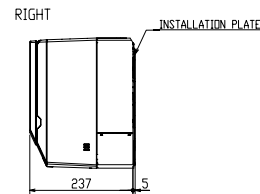
[Unit : mm]



PKFY-P40/50VLM-E



[Unit : mm]



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