

# PKFY-P VLM-E

INDOOR UNITS - Wall-mounted



CITY MULTI

## New design

A sharp and simple form that combines beauty and function. The simple square design harmonizes beautifully with the straight lines created by the intersection of the walls, floor and ceiling of the space. With a new white body color, it is the ideal solution for residential applications, offices and large stores.

## New line-up

New exclusive P10 model is added in wall mounted lineup. P10 size allows to respond to the needs of narrow spaces conditioning them finely. In addition, miniaturization of conventional P32 model has been realized. It contributes to space saving of installation area.

Capacity	P10	P15	P20	P25	P32	P40	P50	P63	P100
VLM	<b>NEW</b>	•	•	•	•	•	•		

## Horizontal airflow

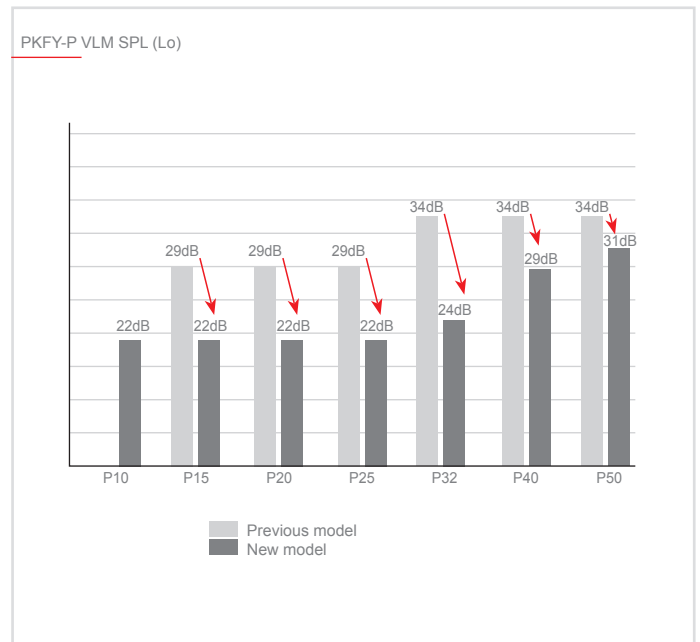
The vane angle can be set to five steps, including the one that allows horizontal air flow, reducing the feeling of draft. Besides, 4 steps of air speed are available.

		Fan Speed 	Vane Control	
			Vane Angle 	Swing mode 
Conventional	PKFY-P** VBM	4 speeds	4 steps	---
	PKFY-P** VHM	3 speeds + AUTO	5 steps	✓

<b>NEW</b>	PKFY-P** VLM-E	4 speeds + AUTO	5 steps	✓
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## Quietness...

The noise level has been significantly reduced compared to the conventional model by reviewing the unit structure and improving the line flow fan.





### Key Technologies


### Technical specifications

MODEL		PKFY-P10VLM-E	PKFY-P15VLM-E	PKFY-P20VLM-E	PKFY-P25VLM-E	PKFY-P32VLM-E	PKFY-P40VLM-E	PKFY-P50VLM-E	
Power		A single-phase, 220-240V 50Hz, A single-phase, 220-230V 60Hz							
Capacity in cooling mode*1	kW	1.2	1.7	2.2	2.8	3.6	4.5	5.6	
	Btu/h	4100	5800	7500	9600	12300	15400	19100	
Capacity in heating mode*1	kW	1.4	1.9	2.5	3.2	4.0	5.0	6.3	
	Btu/h	4800	6500	8500	10900	13600	17100	21500	
Power consumption	Cooling kW	0.02	0.02	0.02	0.03	0.04	0.04	0.05	
	Heating kW	0.01	0.01	0.01	0.02	0.03	0.03	0.04	
Current	Cooling A	0.20	0.20	0.20	0.25	0.35	0.35	0.45	
	Heating A	0.15	0.15	0.15	0.20	0.30	0.30	0.40	
External finish		Plastic (0.7PB 9.2/0.4)							
Dimensions HxLxW	mm	299 x 773 x 237					299 x 898 x 237		
Net weight	kg	11 (25)					13 (29)		
Heat exchanger		Cross fin (Aluminium fin and copper tube)							
Fan	Type x Quantity	Line flow fan x 1							
	Air flow *2	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	
Static external press	Pa	0 (0)							
Motor	Type	DC motor							
	Power output kW	0.03							
Air filter		PP Honeycomb							
Refrigerant pipe diameter	Gas (swaged) mm	Ø 12.7 (Ø1/2)							
	Liquid (swaged) mm	Ø 6.35 (Ø1/4)							
Local drain pipe diameter		I.D. 16 (5/8)							
Sound pressure *2 *3	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	

\*1 For heating/cooling capacity, the maximum value with the unit operating in the following conditions is given.  
 Cooling: indoor 27°C (81°F) DB/19°C (66°F) WB, outdoor 35°C (95°F) DB. Heating: indoor 20°C (68°F) DB, outdoor 7°C (45°F) DB/6°C (43°F) WB.  
 \*2 Air flow/noise levels given for operation in low-medium1-medium2-high modes.  
 \*3 Measured in anechoic chamber.