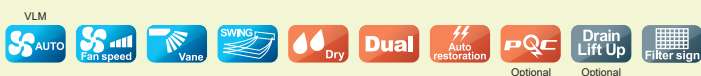


Wall-mounted type

PKFY-P VLM-E **R410A**

PKFY-P VKM-E **R410A**

• Technologies and functions P.160



PKFY-P10-32VLM



PKFY-P40-50VLM



PKFY-P VKM

Its sophisticated design matches any room interior without disturbing the atmosphere of the room.

A design that matches any room interior (VLM model)

A sharp and simple form combines beauty and function. The simple square design harmonizes beautifully with the straight lines of the walls, floor and ceiling. The white body color has been adopted to enhance the beauty and comfort of a room without disturbing its atmosphere.

Conventional model



PKFY-P VBM <P15-P25>



PKFY-P VHM <P32-P50>

Latest model



PKFY-P VLM <P10-P32>



PKFY-P VLM <P40-P50>

Lineup

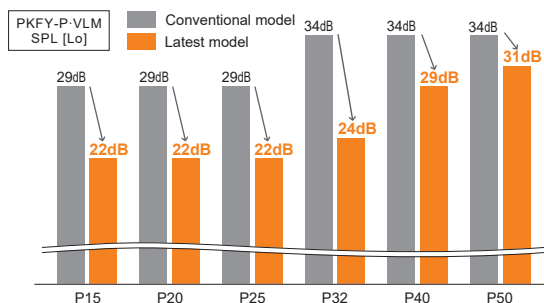
The broad lineup from P10 to P50 offers flexible proposals tailored to diverse customer needs and applications.

		P10	P15	P20	P25	P32	P40	P50
Conventional	VBM		●	●	●			
Conventional	VHM					●	●	●
Latest	VLM	●	●	●	●	●	●	●

*For details on connectivity with the P10 model, refer to the specifications of the outdoor units.

Reduced noise level

The noise level has been reduced compared to the conventional model (PKFY-P VBM/VHM) by improving the unit structure, including the line flow fan.

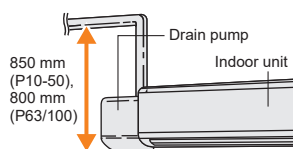


*Measurement condition (Fan speed: Low)

*Measured in an anechoic room

Optional drain pump

The optional drain pump allows the drain connection to be raised as high as 850 mm (P10-50) or 800 mm (P63/100), allowing more flexibility in piping layout design.



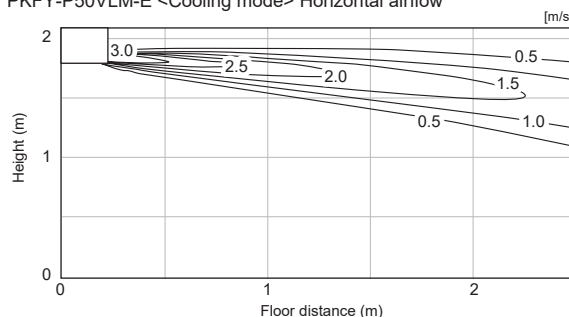
Improved airflow control

Horizontal airflow

Airflow control has been improved to achieve horizontal airflow. This reduces the cold draft feeling even with a wall mounted model, while ensuring optimal air conditioning.

• Airflow distribution

PKFY-P50VLM-E <Cooling mode> Horizontal airflow



Fan speed & vane control

The VLM model provides 4 fan speeds and an auto mode. Additionally, the vane angle can be set to five steps. This enables air conditioning as desired.

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

Latest	PKFY-P** VLM-E	4 speeds + AUTO	5 steps	✓
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Wall-mounted type **R410A** PKFY-P VLM-E

			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 220-240V 50Hz / 1-phase 220-230V 60Hz						
Cooling capacity	*1	kW	1.2	1.7	2.2	2.8	3.6	4.5	5.6
		BTU/h	4,100	5,800	7,500	9,600	12,300	15,400	19,100
Heating capacity	*1	kW	1.4	1.9	2.5	3.2	4.0	5.0	6.3
		BTU/h	4,800	6,500	8,500	10,900	13,600	17,100	21,500
Power consumption	Cooling	kW	0.02			0.03	0.04		0.05
	Heating	kW	0.01			0.02	0.03		0.04
Current	Cooling	A	0.20			0.25	0.35		0.45
	Heating	A	0.15			0.20	0.30		0.40
External finish(Munsell No.)			Plastic, MUNSELL (0.7PB 9.2/0.4)						
Dimension H x W x D		mm(in.)	299 x 773 x 237 (11-25/32 x 30-7/16 x 9-11/32)					299 x 898 x 237 (11-25/32 x 35-3/8 x 9-11/32)	
Net weight		kg(lbs.)	11 (25)					13 (29)	
Heat exchanger			Cross fin (Aluminum fin and copper tube)						
FAN	Type x Quantity		Line flow fan x 1						
	Airflow rate *2 (Lo-Mid2-Mid1-Hi)	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
External static pressure		Pa	0						
Motor	Type		DC motor						
	Output		kW		0.030				
Air filter			PP Honeycomb						
Refrigerant pipe diameter	Gas (Flare)	mm(in.)	ø12.7 (ø1/2) Flare						
	Liquid (Flare)	mm(in.)	ø6.35 (ø1/4) Flare						
Field drain pipe diameter		mm(in.)	I.D.16 (5/8)						
Sound pressure level (Lo-Mid2-Mid1-Hi) *2 *3		dB<A>	22-24-26-28		22-26-29-31	22-27-31-35	24-31-37-41	29-34-37-40	31-36-41-46

Notes:

*1 Cooling/Heating capacity indicates the maximum value at operation under the following condition.

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 Airflow rate/Sound pressure level are in (low-middle2-middle1-high).

*3 It is measured in anechoic room.

Wall-mounted type **R410A** PKFY-P VKM-E

			PKFY-P63VKM-E		PKFY-P100VKM-E	
Power source			1-phase 220-230-240V 50Hz / 1-phase 220V 60Hz			
Cooling capacity		*1 kW	7.1		11.2	
		*1 BTU/h	24,200		38,200	
Heating capacity		*1 kW	8.0		12.5	
		*1 BTU/h	27,300		42,600	
Power consumption	Cooling*4	kW	0.05		0.08	
	Heating	kW	0.04		0.07	
Current	Cooling*4	A	0.37		0.58	
	Heating	A	0.30		0.51	
External finish(Munsell No.)			Plastic (1.0Y 9.2/0.2)			
Dimension H x W x D			mm(in.) 365 x 1,170 x 295 (14-3/8 x 46-1/16 x 11-5/8)			
Net weight			kg(lbs.) 21 (46)			
Heat exchanger			Cross fin (Aluminum fin and copper tube)			
FAN	Type x Quantity		Line flow fan x 1			
	Airflow rate (Lo-Hi)	*2 m³/min	16-20		20-26	
		L/s	267-333		333-433	
		cfm	565-706		706-918	
	External static pressure		Pa 0			
Motor	Type		DC motor			
	Output		kW 0.056			
Air filter			PP Honeycomb			
Refrigerant pipe diameter	Gas (Flare)	mm(in.)	ø15.88 (ø5/8)		ø15.88 (ø5/8) / ø19.05 (ø3/4) (Compatible)	
	Liquid (Flare)	mm(in.)	ø9.52 (ø3/8)			
Field drain pipe diameter		mm(in.)	I.D. 16(5/8)			
Sound pressure level (Lo-Hi) *2 *3		dB<A>	39-45		41-49	

Notes:

*1 Cooling/heating capacity indicates the maximum value at operation under the following condition.

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 Airflow rate/Sound pressure level are in (low-high).

*3 It is measured in anechoic room.

*4 Electrical characteristic of cooling are included optional drain-pump.