

## Wall-mounted type

### PKFY-P VLM-E PKFY-P VKM-E

NEW



PKFY-P VLM (P15~P32)

NEW



PKFY-P VLM (P40/P50)



PKFY-P VKM



### New design that matches the room's interior (VLM model)

P15~P25



PKFY-P VBM

P32~P50



PKFY-P VHM

Conventional model

P15~P32



P40/P50



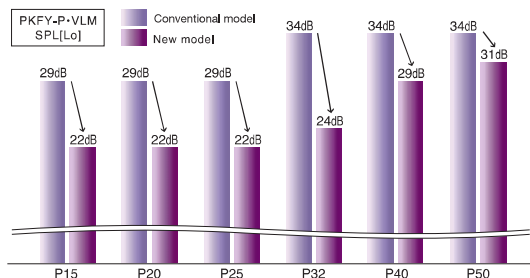
PKFY-P VLM

New model

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. Also adopted a new white body color. It will make your life and space beautiful and comfortable without disturbing the atmosphere of the room.

### Low noise

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



\* Measurement condition (Fan speed: Low)□

\* It is measured in anechoic room.

### Improved Airflow control

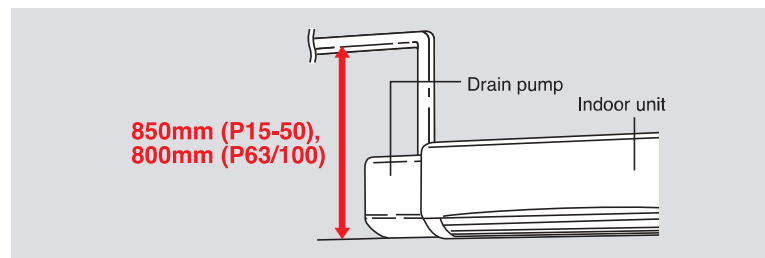
Fan speed and Vane control

The new model (VLM) can set the fan speed to 4 steps and auto mode. Also, the vane angle can be set to 5 steps. This has enabled air conditioning to be tailored to your taste.

|              |            | Conventional |                 | New<br>PKFY-P**VLM-E |
|--------------|------------|--------------|-----------------|----------------------|
|              |            | PKFY-P**VBM  | PKFY-P**VHM     |                      |
| Fan Speed    |            | 4 speeds     | 3 speeds + AUTO | 4 speeds + AUTO      |
| Vane Control | Vane Angle | 4 steps      | 5 steps         | 5 steps              |
|              | Swing mode | —            | ✓               | ✓                    |

### Drain pump option

The optional drain pump allows the drain connection to be raised as high as 850mm (P15-50), 800mm (P63/100), allowing more flexible in piping layout design.



### Optional Parts

| Description      | Model        | Applicable capacity         |
|------------------|--------------|-----------------------------|
| External LEV Box | PAC-SG95LE-E | P15, 20, 25, 32, 40, 50, 63 |
|                  | PAC-SK01DM-E | P15, 20, 25, 32, 40, 50     |
| Drain pump kit   | PAC-SH94DM-E | P63, 100                    |

## Specifications

| Model                                      |                                   |                 | 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 60Hz |                 |                 |                 |                             |                   |
| Cooling capacity<br>(Nominal)              | *1                                | kW              | 1.7   | 2.2             | 2.8             | 3.6             | 4.5                         | 5.6               |
|  | *1                                | BTU/h           | 5,800   | 7,500           | 9,600           | 12,300          | 15,400                      | 19,100            |
|  | Power input                       | kW              | 0.02  | 0.02            | 0.03            | 0.04            | 0.04                        | 0.05              |
|  | Current input                     | A               | 0.20  | 0.20            | 0.25            | 0.35            | 0.35                        | 0.45              |
| Heating capacity<br>(Nominal)              | *2                                | kW              | 1.9   | 2.5             | 3.2             | 4.0             | 5.0                         | 6.3               |
|  | *2                                | BTU/h           | 6,500   | 8,500           | 10,900          | 13,600          | 17,100                      | 21,500            |
|  | Power input                       | kW              | 0.01  | 0.01            | 0.02            | 0.03            | 0.03                        | 0.04              |
|  | Current input                     | A               | 0.15  | 0.15            | 0.20            | 0.30            | 0.30                        | 0.40              |
| External finish (Munsell No.)              |                                   |                 | Plastic (0.7PB 9.2/0.4)                         |                 |                 |                 |                             |                   |
| External dimension                         |                                   | mm              | 299 x 773 x 237                                 |                 |                 |                 | 299 x 898 x 237             |                   |
| H x W x D                                  |                                   | in.             | 11-25/32 x 30-7/16 x 9-11/32                    |                 |                 |                 | 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                               |                 |                 |                 |                             |                   |
|  | External static press Pa (mmH2O)  |                 | 0 (0)   |                 |                 |                 |                             |                   |
|  | Motor type                        |                 | DC motor  |                 |                 |                 |                             |                   |
|  | Motor output                      |                 | 0.03  |                 |                 |                 |                             |                   |
|  | Driving mechanism                 |                 | Direct driven                                   |                 |                 |                 |                             |                   |
|  | Airflow rate<br>(Lo-Mid2-Mid1-Hi) | m³/min          | 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             | 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                               | 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<br>(measured in anechoic room) |                                   | 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       |
| Insulation material                        |                                   |                 | Polyethylene sheet                              |                 |                 |                 |                             |                   |
| Air filter                                 |                                   |                 | PP honeycomb                                    |                 |                 |                 |                             |                   |
| Protection device                          |                                   |                 | Fuse  |                 |                 |                 |                             |                   |
| Refrigerant control device                 |                                   |                 | LEV   |                 |                 |                 |                             |                   |
| Refrigerant piping<br>diameter             | Liquid<br>(Flare)                 | mm (in.)        | ø6.35 (ø1/4)                                    |                 |                 |                 |                             |                   |
|  | Gas<br>(Flare)                    | mm (in.)        | ø12.7 (ø1/2)                                    |                 |                 |                 |                             |                   |
| Field drain pipe diameter                  |                                   | mm (in.)        | I.D.16 (5/8)                                    |                 |                 |                 |                             |                   |
| Optional parts                             | DRAIN PUMP KIT                    |                 | PAC-SK01DM-E                                    |                 |                 |                 |                             |                   |
|  | EXTERNAL LEV BOX                  |                 | PAC-SG95LE-E                                    |                 |                 |                 |                             |                   |

### Notes:

\*1 Nominal cooling conditions (subject to JIS B8615-1) Indoor : 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor 35°CDB. (95°FDB.) Pipe length : 7.5 m (24-9/16 ft.), Level difference : 0 m (0 ft.)

\*2 Nominal heating conditions (subject to JIS B8615-1) Indoor : 20°CDB. (68°FDB.), Outdoor 7°CDB./6°CWB. (45°FDB./43°FWB.) Pipe length : 7.5 m (24-9/16 ft.), Level difference : 0 m (0 ft.)

| Model  |                                  |           | PKFY-P63VKM-E                            |  | PKFY-P100VKM-E |  |
|--|----------------------------------|-----------|--|--|----------------|--|
| Power source                                     |                                  |           | 1-phase 220-240V 50Hz, 1-phase 220V 60Hz |  |                |  |
| Cooling capacity (Nominal)                       |                                  | *1 kW     | 7.1                                      |  | 11.2           |  |
|  |                                  | *1 BTU/h  | 24,200                                   |  | 38,200         |  |
| (220V)   | Power input                      | kW        | 0.05                                     |  | 0.08           |  |
|  | Current input                    | A         | 0.37                                     |  | 0.58           |  |
| Heating capacity (Nominal)                       |                                  | *2 kW     | 8.0                                      |  | 12.5           |  |
|  |                                  | *2 BTU/h  | 27,300                                   |  | 42,600         |  |
| (220V)   | Power input                      | kW        | 0.04                                     |  | 0.07           |  |
|  | Current input                    | A         | 0.30                                     |  | 0.51           |  |
| External finish (Munsell No.)                    |                                  |           | Plastic, MUNSELL (1.0Y 9.2/0.2)          |  |                |  |
| External dimension                               |                                  | mm        | 365x1170x295                             |  |                |  |
| H x W x D  |                                  | in.       | 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                        |  |                |  |
|  | External static press Pa (mmH2O) |           | 0 (0)                                    |  |                |  |
|  | Motor type                       |           | DC motor                                 |  |                |  |
|  | Motor output kW                  |           | 0.056                                    |  |                |  |
|  | Driving mechanism                |           | Direct-drive                             |  |                |  |
|  | Airflow rate (Low-High)          | m³/min    | 16-20                                    |  | 20-26          |  |
|  |                                  | L/s       | 267-333                                  |  | 333-433        |  |
|  |                                  | cfm       | 565-706                                  |  | 706-918        |  |
| Sound pressure level (measured in anechoic room) |                                  | dB (A)    | 39-45                                    |  | 41-49          |  |
| Insulation material                              |                                  |           | Polyethylene sheet                       |  |                |  |
| Air filter                                       |                                  |           | PP honeycomb                             |  |                |  |
| Protection device                                |                                  |           | Fuse                                     |  |                |  |
| Refrigerant control device                       |                                  |           | LEV                                      |  |                |  |
| Refrigerant piping diameter                      | Liquid (Flare)                   | mm (in.)  | ø9.52 (ø3/8)                             |  |                |  |
|  | Gas (Flare)                      | mm (in.)  | ø15.88 (ø5/8)                            |  |                |  |
| Field drain pipe diameter                        |                                  | mm (in.)  | I.D.16 (5/8)                             |  |                |  |
| Optional parts                                   | DRAIN PUMP KIT                   |           | PAC-SH94DM-E                             |  |                |  |
|  | EXTERNAL LEV BOX                 |           | PAC-SG95LE-E                             |  | -              |  |

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