

PCFY-P VKM-E

INDOOR UNITS - Ceiling-suspended



CITY MULTI

Ideal for...

Designed and built for quiet operation and simple maintenance, these units deliver efficient, comfortable air conditioning performance.

Optimised air flow

Air flow speed is optimised for the height of the ceiling. The ideal air flow setting may be selected for ceilings up to 4.2m in height, maximising both air conditioning efficacy and comfort.

Extremely simple installation

With the direct mount system, it is not necessary to remove the mounting from the main unit, cutting installation times.

The condensate drain pipes may be connected on the left or right of the unit.

Automatic fan speed adjustment

As well as the 4 manual fan speed settings, the PCFY series may also be set to automatically adjust fan speed in relation to ambient conditions: the fan speed is always set to the highest setting when the unit is switched on, to reach the desired conditions more quickly, and is reduced automatically near the setpoint for stable comfort.

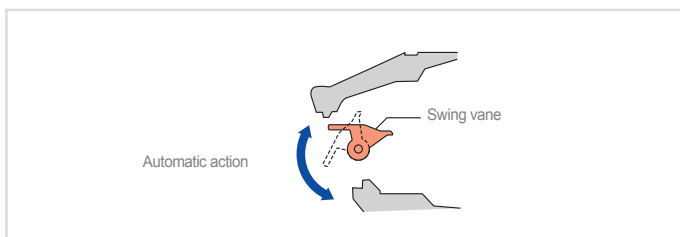
Extra slim

Extremely slim and with elegant curves, the PCFY series is perfectly suited to any interior. The unit also features a single air outlet, meaning that the automatic swing vane also doubles as a shutter when the unit is off.



Automatic swing vane

The automatic swing vane mode distributes air more uniformly. The vane swings upwards and downwards automatically to distribute air effectively into every corner of the room.





Key Technologies

Technical specifications

MODEL			PCFY-P40VKM-E	PCFY-P63VKM-E	PCFY-P100VKM-E	PCFY-P125VKM-E
Power			A single-phase, 220-230-240VAC 50Hz			
Capacity in cooling mode*1		kW	4.5	7.1	11.2	14.0
		Btu/h	15400	24200	38200	47800
Capacity in heating mode*1		kW	5.0	8.0	12.5	16.0
		Btu/h	17100	27300	42700	54600
Power consumption	Cooling	kW	0.04	0.05	0.09	0.11
	Heating	kW	0.04	0.05	0.09	0.11
Current	Cooling	A	0.28	0.33	0.65	0.76
	Heating	A	0.28	0.33	0.65	0.76
External finish			Munsell 6.4Y 8.9/ 0.4			
Dimensions HxLxW		mm	230x960x680	230x1280x680	230x1600x680	230x1600x680
Net weight		kg	24	32	36	38
Heat exchanger			Cross fins (aluminium fins and copper piping)			
Fan	Type x Quantity		Sirocco x 2	Sirocco x 3	Sirocco x 4	Sirocco x 4
	Air flow (low-medium-high)	m³/min	10-11-12-13	14-15-16-18	21-24-26-28	21-24-27-31
		l/s	167-183-200-217	233-250-267-300	350-400-433-467	350-400-450-517
		cfm	353-388-424-459	494-530-565-636	742-847-918-989	742-847-953-1095
	Static external press	Pa	0	0	0	0
Motor	Type		Single-phase DC motor			
	Power output	kW	0.090	0.095	0.160	0.160
Air filter			Polypropylene honeycomb fabric (long life)			
Refrigerant pipe diameter	Gas (swaged)	mm	ø12.7	ø15.88	ø15.88 / ø19.05 (compatible)	ø15.88 / ø19.05 (compatible)
	Liquid (swaged)	mm	ø6.35	ø9.52	ø9.52	ø9.52
Local drain pipe diameter			O.D. 26 (1)	O.D. 26 (1)	O.D. 26 (1)	O.D. 26 (1)
Sound pressure (low-medium-high)*2		dB(A)	29-32-34-36	31-33-35-37	36-38-41-43	36-39-42-44

*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.