



Key Technologies

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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		
	Air flow (low-medium-high)	m ³ /min	10-11-12-13		14-15-16-18		21-24-26-28	
		l/s	167-183-200-217		233-250-267-300		350-400-433-467	
		cfm	353-388-424-459		494-530-565-636		742-847-918-989	
Static external press	Pa	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)							
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.