

CITY MULTI

PEFY-P VMH-E

INDOOR UNIT - BUILT-IN FOR DOUBLE CEILINGS
HIGH STATIC PRESSURE

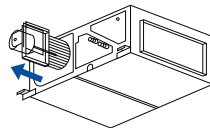


The greater flexibility offered by the capability of setting different static external pressure levels makes creating a true ducted air conditioning system possible without compromising the style of an elegant interior design.



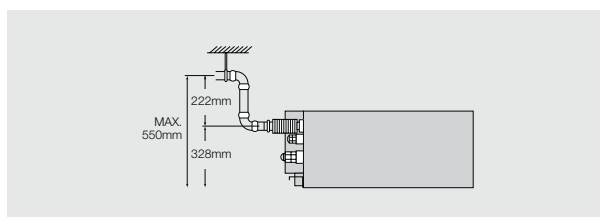
Simplified maintenance

All maintenance operations for the unit, including checking the fan and removing the relative motor, are performed via a specific service access aperture on one side.



Condensate lift pump with maximum lift

The additional of the optional condensate lift pump makes it possible to place the drain connection up to 550 m above the unit, for superlative freedom in defining pipe layouts and reducing the need for horizontal pipes.



Maximum static external pressure 200 Pa

The augmented static external pressure capacity offers greater flexibility in terms of ducting length, the use of two-way branch pipes and air outlet configuration.

		dB(A)							
Static external pressure (Pa)		P40	P50	P63	P71	P80	P100	P125	P140
	220V	50/100/200							
	230/240V	100/150/200							
	380V	-							
	400/415V	-							

Low noise

The new design of the centrifugal fan and motor coil further reduces noise levels.

dB(A)										
Noise level	Capacità		P40	P50	P63	P71	P80	P100	P125	P140
	Fan speed	High	34	34	38	39	41	42	42	42
		Low	27	27	32	32	35	34	34	34

TECHNICAL SPECIFICATIONS

MODEL		PEFY-P40VMH-E	PEFY-P50VMH-E	PEFY-P63VMH-E	PEFY-P71VMH-E
Power		A single-phase, 220-240V, 50Hz / a single-phase, 220-240V, 50Hz			
Capacity in cooling mode *1	kW	4.5	5.6	7.1	8.0
	Btu/h	15,400	19,100	24,200	27,300
Capacity in heating mode *1	kW	5.0	6.3	8.0	9.0
	Btu/h	17,100	21,500	27,300	30,700
Power consumption	Cooling	kW 0.19 / 0.23		0.24 / 0.30	
	Heating	kW 0.19 / 0.23		0.24 / 0.30	
Current	Cooling	A 0.88 / 1.06		1.12 / 1.38	
	Heating	A 0.88 / 1.06		1.12 / 1.38	
External finish	kg	Galvanised			
Dimensions HxLxW	mm	380x750x900			380x1,000x900
Net weight	kg	44	45		50
Heat exchanger		Cross fins (aluminium fins and copper piping)			
Fan	Type x Quantity		Scirocco fan x 1		
	Air flow (low-high)	m³/min	10.0-14.0		13.5-19.0
		l/s	167-233		225-317
		cfm	353-494		477-671
	Static external pressure*2	220V Pa	50 · 100 · 200		
230,240 V Pa		100 · 150 · 200			
Motor	Type	Single-phase induction motor			
	Power output	kW	0.08	0.12	0.14
Refrigerant pipe diameter	Gas (swaged)	mm	ø12.7	ø15.88	ø15.88
	Liquid (swaged)	mm	ø6.35	ø9.52	ø9.52
Local drain pipe diameter		O.D. 32			
Sound pressure (low-high)*3	220V	dB(A)	27-34		32-38
	230,240 V	dB(A)	31-37		36-41
					35-41

TECHNICAL SPECIFICATIONS

MODEL			PEFY-P80VMH-E	PEFY-P100VMH-E	PEFY-P125VMH-E	PEFY-P140VMH-E
Power			A single-phase, 220-240V, 50Hz / a single-phase, 220-240V, 50Hz			
Capacity in cooling mode *1	kW		9.0	11.2	14.0	16.0
	Btu/h		30,700	38,200	47,800	54,600
Capacity in heating mode *1	kW		10.0	12.5	16.0	18.0
	Btu/h		34,100	42,700	54,600	61,400
Power consumption	Cooling	kW	0.32 / 0.40		0.48 / 0.58	0.48 / 0.59
	Heating	kW	0.32 / 0.40		0.48 / 0.58	0.48 / 0.59
Current	Cooling	A	1.47 / 1.83		2.34 / 2.66	2.35 / 2.70
	Heating	A	1.47 / 1.83		2.34 / 2.66	2.35 / 2.70
External finish		kg	Galvanised			
Dimensions HxLxW		mm	380x1,000x900		380x1,200x900	
Net weight		kg	50		70	
Heat exchanger			Cross fins (aluminium fins and copper piping)			
Fan	Type x Quantity		Scirocco fan x 1			
	Air flow (low-high)	m³/min	18.0-25.0		26.5-38.0	28.0-40.0
		l/s	300-417		442-633	467-667
		cfm	636-883		936-1342	989-1413
	Static external pressure*2	220V Pa	50 · 100 · 200			
		230,240 V Pa	100 · 150 · 200			
Motor	Type		Single-phase induction motor			
	Power output	kW	0.18	0.26		
Refrigerant pipe diameter	Gas (swaged)	mm	ø15.88			
	Liquid (swaged)	mm	ø9.52			
Local drain pipe diameter			O.D. 32			
Sound pressure (low-high)*3	220V	dB(A)	35-41		34-42	
	230,240 V	dB(A)	38-43		38-44	

*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 Static pressure is set to 100 Pa (for 220 V mains) / 150 Pa (for 230 and 240 V mains) by default.

*3 Measured in anechoic chamber.