

# Ceiling concealed type

## Compact depth type **PEFY-P VMX(L)-E(1)**

		PEFY-P15VMX-E (1)	PEFY-P20VMX-E (1)	PEFY-P25VMX-E (1)	PEFY-P32VMX-E (1)	PEFY-P40VMX-E (1)	PEFY-P50VMX-E (1)	PEFY-P63VMX-E (1)	
Power source		1-phase 220-230-240 V 50/60 Hz							
Cooling capacity (Nominal)	*1 kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	
	*1 BTU/h	5,800	7,500	9,600	12,300	15,400	19,100	24,200	
	*2 Power input kW	0.057	0.057	0.073	0.079	0.124	0.140	0.139	
	*2 Current input A	0.62	0.62	0.73	0.90	1.41	1.51	1.62	
Heating capacity (Nominal)	*3 kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	
	*3 BTU/h	6,500	8,500	10,900	13,600	17,100	21,500	27,300	
	*2 Power input kW	0.038	0.038	0.054	0.060	0.105	0.121	0.120	
	*2 Current input A	0.42	0.42	0.53	0.70	1.21	1.31	1.42	
External finish		Galvanized							
External dimension		mm 200 x 698 x 481 (450 <sup>5</sup> )							
H x W x D		in. 7-7/8 x 27-1/2 x 18-15/16 (17-3/4 <sup>5</sup> )							
Net weight		kg (lbs) 17 (38)							
Heat exchanger		Cross fin (Aluminum fin and copper tube)							
FAN		Sirocco fan x 2							
*4 External static press.	Type x Quantity	Sirocco fan x 2							
	Pa	<4> - 15 - <35>	<4> - 15 - <35>	<4> - 15 - <35>	<4> - 15 - <35>	<4> - 15 - <35>	<4> - 15 - <35>	<4> - 15 - <35>	<4> - 15 - <35>
	mmH <sub>2</sub> O	<0.4> - 1.5 - <3.6>	<0.4> - 1.5 - <3.6>	<0.4> - 1.5 - <3.6>	<0.4> - 1.5 - <3.6>	<0.4> - 1.5 - <3.6>	<0.4> - 1.5 - <3.6>	<0.4> - 1.5 - <3.6>	
Motor Type		DC motor							
Motor output kW		0.096							
Driving mechanism		Direct-driven by motor							
Air flow rate		(Low-Mid-High)							
	m <sup>3</sup> /min	5.0 - 6.0 - 7.0	5.0 - 6.5 - 7.5	5.5 - 7.0 - 9.0	5.5 - 7.5 - 9.0	7.0 - 10.0 - 12.5	8.5 - 14.0 - 17.0	11.0 - 15.0 - 19.5	
	L/s	83 - 100 - 117	83 - 108 - 125	92 - 117 - 150	92 - 125 - 150	117 - 167 - 208	142 - 233 - 283	183 - 250 - 325	
	cfm	177 - 212 - 247	177 - 230 - 265	194 - 247 - 318	194 - 265 - 318	247 - 353 - 441	300 - 494 - 600	388 - 530 - 689	
Sound pressure level (measured in anechoic room)		(Low-Mid-High)							
(rear inlet)	*2 dB <A>	26-27-30	26-28-32	28-30-34	28-31-36	31-38-42	30-37-42	30-34-37	
	(bottom inlet)	32-37-42	32-37-42	34-39-46	38-42-47	42-51-56	38-49-56	40-46-53	
Air filter		PP honeycomb fabric.							
Refrigerant piping diameter	Liquid mm (in.)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	
	Gas mm (in.)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	15.88 (5/8)	
Field drain pipe size		mm (in.) O.D.32 (1-1/4)							

		PEFY-P15VMXL-E (1)	PEFY-P20VMXL-E (1)	PEFY-P25VMXL-E (1)	PEFY-P32VMXL-E (1)	PEFY-P40VMXL-E (1)	PEFY-P50VMXL-E (1)	PEFY-P63VMXL-E (1)	
Power source		1-phase 220-230-240 V 50/60 Hz							
Cooling capacity (Nominal)	*1 kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	
	*1 BTU/h	5,800	7,500	9,600	12,300	15,400	19,100	24,200	
	*2 Power input kW	0.038	0.038	0.054	0.060	0.105	0.121	0.120	
	*2 Current input A	0.42	0.42	0.53	0.70	1.21	1.31	1.42	
Heating capacity (Nominal)	*3 kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	
	*3 BTU/h	6,500	8,500	10,900	13,600	17,100	21,500	27,300	
	*2 Power input kW	0.038	0.038	0.054	0.060	0.105	0.121	0.120	
	*2 Current input A	0.42	0.42	0.53	0.70	1.21	1.31	1.42	
External finish		Galvanized							
External dimension		mm 200 x 698 x 481 (450 <sup>5</sup> )							
H x W x D		in. 7-7/8 x 27-1/2 x 18-15/16 (17-3/4 <sup>5</sup> )							
Net weight		kg (lbs) 16 (36)							
Heat exchanger		Cross fin (Aluminum fin and copper tube)							
FAN		Sirocco fan x 2							
*4 External static press.	Type x Quantity	Sirocco fan x 2							
	Pa	<4> - 15 - <35>	<4> - 15 - <35>	<4> - 15 - <35>	<4> - 15 - <35>	<4> - 15 - <35>	<4> - 15 - <35>	<4> - 15 - <35>	<4> - 15 - <35>
	mmH <sub>2</sub> O	<0.4> - 1.5 - <3.6>	<0.4> - 1.5 - <3.6>	<0.4> - 1.5 - <3.6>	<0.4> - 1.5 - <3.6>	<0.4> - 1.5 - <3.6>	<0.4> - 1.5 - <3.6>	<0.4> - 1.5 - <3.6>	
Motor Type		DC motor							
Motor output kW		0.096							
Driving mechanism		Direct-driven by motor							
Air flow rate		(Low-Mid-High)							
	m <sup>3</sup> /min	5.0 - 6.0 - 7.0	5.0 - 6.5 - 7.5	5.5 - 7.0 - 9.0	5.5 - 7.5 - 9.0	7.0 - 10.0 - 12.5	8.5 - 14.0 - 17.0	11.0 - 15.0 - 19.5	
	L/s	83 - 100 - 117	83 - 108 - 125	92 - 117 - 150	92 - 125 - 150	117 - 167 - 208	142 - 233 - 283	183 - 250 - 325	
	cfm	177 - 212 - 247	177 - 230 - 265	194 - 247 - 318	194 - 265 - 318	247 - 353 - 441	300 - 494 - 600	388 - 530 - 689	
Sound pressure level (measured in anechoic room)		(Low-Mid-High)							
(rear inlet)	*2 dB <A>	26-27-30	26-28-32	28-30-34	28-31-36	31-38-42	30-37-42	30-34-37	
	(bottom inlet)	32-37-42	32-37-42	34-39-46	38-42-47	42-51-56	38-49-56	40-46-53	
Air filter		PP honeycomb fabric.							
Refrigerant piping diameter	Liquid mm (in.)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	
	Gas mm (in.)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	15.88 (5/8)	
Field drain pipe size		mm (in.) O.D.32 (1-1/4)							

**Notes:**

- \*1 Nominal cooling conditions  
Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B. (95°F D.B.)  
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- \*2 The values are measured at the factory setting of external static pressure.
- \*3 Nominal heating conditions  
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.)  
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- \*4 The factory setting of external static pressure is shown without < >.  
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.
- \*5 Duct flange and filter are excluded.
- \*PEFY-P15, 20, 25, 32, 40, 50, 63VMX(L)-E(1) cannot be connected to PUMY-P112, 125, 140VKM5/YKM4.
- \*PEFY-P50, 63VMX(L)-E(1) cannot be connected to PUMY-SP80, 112, 125, 140VKMD/YKMD-A.

\*Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.

VRV Lineup  
Y-Series  
R2-Series  
WY-Series  
WR2-Series  
S-Series  
BC Controllers  
Indoor Units  
Lineup  
(W)/R2-Series  
Indoor Units  
Technologies and Functions  
Lossnay System  
Remote Controller  
Hot Water Solution