

Ceiling concealed type

Low static pressure type **PEFY-P VMS1(L)-E**

		PEFY-P15VMS1(L)-E	PEFY-P20VMS1(L)-E	PEFY-P25VMS1(L)-E	PEFY-P32VMS1(L)-E	PEFY-P40VMS1(L)-E	PEFY-P50VMS1(L)-E	PEFY-P63VMS1(L)-E	
Power source		1-phase 220-240V 50Hz / 1-phase 220-240V 60Hz							
Cooling capacity	*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	
Heating capacity	*1 kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	
	*1 BTU/h	6,500	8,500	10,900	13,600	17,100	21,500	27,300	
Power consumption	*3 Cooling kW	0.05 [0.03]	0.05 [0.03]	0.06 [0.04]	0.07 [0.05]	0.07 [0.05]	0.09 [0.07]	0.09 [0.07]	
	Heating kW	0.03 [0.03]	0.03 [0.03]	0.04 [0.04]	0.05 [0.05]	0.05 [0.05]	0.07 [0.07]	0.07 [0.07]	
Current	*3 Cooling A	0.42 [0.31]	0.47 [0.36]	0.50 [0.39]	0.50 [0.39]	0.56 [0.45]	0.67 [0.56]	0.72 [0.61]	
	Heating A	0.31 [0.31]	0.36 [0.36]	0.39 [0.39]	0.39 [0.39]	0.45 [0.45]	0.56 [0.56]	0.61 [0.61]	
External finish		Galvanized							
Dimension		200 x 790 x 700			200 x 990 x 700			200 x 1,190 x 700	
H x W x D		7-7/8 x 31-1/8 x 27-9/16			7-7/8 x 39 x 27-9/16			7-7/8 x 46-7/8 x 27-9/16	
Net weight		19(42) [18(40)]			20(45) [19(42)]	24(53) [23(51)]		28(62) [27(60)]	
Heat exchanger		Cross fin (Aluminium fin and copper tube)							
FAN	Type x Quantity	Sirocco fan x 2			Sirocco fan x 3			Sirocco fan x 4	
	Airflow rate (Lo-Mid-Hi)	m ³ /min	5-6-7	5.5-6.5-8	5.5-7-9	6-8-10	8-9.5-11	9.5-11-13	12-14-16.5
		L/s	83-100-117	91-108-133	91-117-150	100-133-167	133-158-183	158-183-217	200-233-275
	cfm	176-212-247	194-229-282	194-247-317	212-282-353	282-335-388	335-388-459	424-494-583	
External static press.	Pa	5-15-35-50							
Motor	Type	DC motor							
	Output	0.096							
Air filter		PP Honeycomb fabric (washable)							
Refrigerant pipe diameter	Gas	ø12.7 (ø1/2) Brazed						ø15.88 (ø5/8) Brazed	
	Liquid	ø6.35 (ø1/4) Brazed						ø9.52 (ø3/8) Brazed	
Field drain pipe diameter		O.D. 32 (1-1/4)							
Sound pressure level (Lo-Mid-Hi) (measured in anechoic room)	dB<A>	22-24-28	23-25-29	24-26-30	24-27-32	28-30-33	30-32-35	30-33-36	

Notes:

- *1 Cooling/Heating capacity indicates the maximum value at operation under the following condition.
 Cooling : 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.)
 Heating : 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 : 7.5m (24-9/16ft) Height difference : 0m (0ft)
- *2 The external static pressure is set to 15 Pa at factory shipment.
- *3 [] is in case of PEFY-P15-63VMS1L-E

Optional parts

Description	Model	Applicable capacity
Drain pump	PAC-KE07DM-E	P15, 20, 25, 32, 40, 50, 63 *For PEFY-VMS1L only
Control box replace kit	PAC-KE70HS-E	P15, 20, 25, 32, 40, 50, 63
Plasma Quad Connect*	MAC-100FT-E	P15, 20, 25, 32, 40, 50, 63
PQ attachment*	PAC-HA11PAR	P15, 20, 25, 32, 40, 50, 63

*Plasma Quad Connect (MAC-100FT-E) should be used together with PQ attachment.