

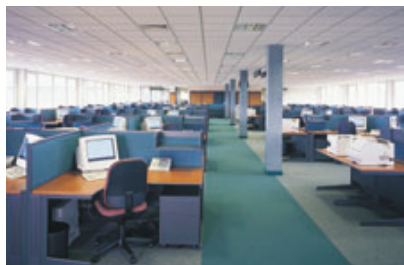
INDOOR UNIT

Ceiling concealed type

PEFY-P VMS1(L)-E

Static Pressure 5~50Pa	Height 200mm 7-28/32in.	Low Noise	Width 790mm 31-1/8in.	Width 990mm 39in.	Width 1,190mm 46-7/8in.
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The ultra thin unit of 200mm offers increased flexibility, and is particularly suitable for places where low noise operation is desired from a slim line body.



Changeable static pressure

The unit is made suitable for a variety of applications with its four static pressure settings of 5, 15, 35, 50Pa.

Changeable airflow rate

Low, middle, and high fan speed settings deliver precise comfort.

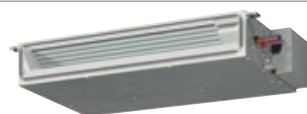
Choice for drain pump

Drain pump is an optional part for the VMS1L, and a standard for VMS1.

*For places where low noise operation is especially required (i.e. Hotels), VMS1L (without drain pump) is recommended.

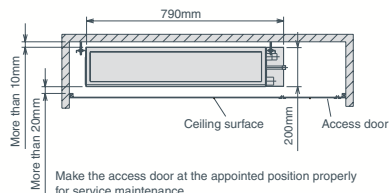
PP Honeycomb fabric

Washable PP Honeycomb fabric filter as standard



Ultra low height unit with 200mm (7-28/32in.) high
Ultra-narrow width of 790mm (P15-P32 models)
[990mm for P40,50 models / 1190mm for P63 models]

Can be installed easily in tight spaces, such as ceiling cavities or drop-ceilings.



Reduced noise thanks to the use of newly
designed centrifugal fan and coil

Sound pressure level table (Standard static pressure) at 15Pa

		dB(A)						
Sound pressure Level	Fan Speed	Capacity	P15	P20	P25	P32	P40	P50
		High	28	29	30	32	33	35
		Mid	24	25	26	27	30	32
		Low	22	23	24	24	28	30

► Specifications

		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]
	#3 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]
	#3 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 × 790 × 700						
H × W × D		7-7/8 × 31-1/8 × 27-9/16						
Net weight		19(42) [18(40)]						
Heat exchanger		Cross fin (Aluminium fin and copper tube)						
Fan	Type × Quantity	Sirocco fan × 2						
	Airflow rate (Lo-Mid-Hi)	Sirocco fan × 3						
	m³/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
Motor	External static press	5-15-35-50						
	type	DC brushless motor						
	output	0.096						
	Air filter	PP Honeycomb fabric (washable)						
Refrigerant	Gas	ø12.7 (ø1/2) Braze						
	Liquid	ø6.35 (ø1/4) Braze						
Field drain pipe diameter		O.D. 32 (1-1/4)						
Sound pressure level (Lo-Mid-Hi) (measured in anechoic room)		22-24-28	23-25-29	24-26-30	24-27-32	28-30-33	30-32-35	30-33-36

*PEFY-P15VMS1(L)-E can only be connected to YHM outdoor units.

	PEFY-P15VMS1(L)-E
PURY-P YHM	○
PUHY-P YHM	○
PUMY-P VHMA	○
PUMY-P YHMA	○
PQRY-P YGM	×
PQHY-P YGM	×

Note:

#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. (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