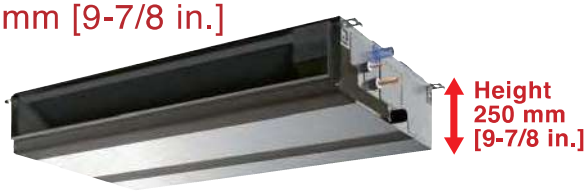
Medium static pressure type

PEFY-P VMA(L)-E

Compact design with a height of only 250 mm [9-7/8 in.]

A thin body design with a height of only 250 mm [9-7/8 in.] (all models) enables installation in a 280 mm [11-in.] high ceiling space.



Drain pump is optionally selectable

The line-up consists of two types:models with or without a built-in drain pump, thus allowing more freedom in piping layout design.

PEFY-P VMA-E built-in drain pump

PEFY-P VMAL-E No drain pump

* Units with an "L" at the end of the model name are not equipped with a drain pump.

Selectable external static pressure

Five-stage external static pressure settings provide flexibility for duct extension, branching, and air outlet configuration, and are adjustable to meet different application conditions. Setting ranges to a maximum of 150 Pa.

External static pressure setting

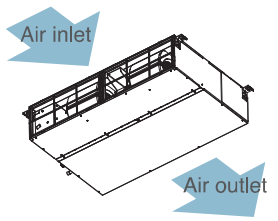
Series	20	25	32	40	50	63	71	80	100	125	140
PEFY-P VMA(L)-E	35/50/70/100/150 Pa										

Selectable air inlet pattern

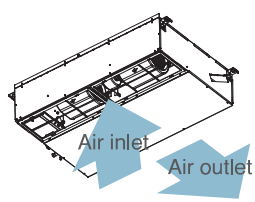
The air inlet position can only be changed between rear and bottom by switching the positions of the closing plate and air filter. (The factory default is bottom inlet.)

Two air inlet options can be chosen, rear or bottom:

1. Rear inlet



2. Bottom inlet



* Unit with a bottom inlet make more noise than those with a rear inlet. It is recommended that the rear inlet be selected when installing the units in rooms that should be quiet, such as bedrooms.

Optional Parts

Description	Model	Applicable capacity
		VMA(L)
Filter box	PAC-KE91TB-E	P20, P25, P32
	PAC-KE92TB-E	P40, P50
	PAC-KE93TB-E	P63, P71, P80
	PAC-KE94TB-E	P100, P125
	PAC-KE95TB-E	P140

Specifications

Model				PEFY-P32VMA(L)-E	PEFY-P40VMA(L)-E	PEFY-P50VMA(L)-E	PEFY-P63VMA(L)-E
Power source				1-phase 220-230-240V 50/60Hz			
Cooling capacity (Nominal)	*1		kW	3.6	4.5	5.6	7.1
	*1		BTU/h	12,300	15,400	19,100	24,200
Heating capacity (Nominal)	*2		kW	4.0	5.0	6.3	8.0
	*2		BTU/h	13,600	17,100	21,500	27,300
Power consumption		Cooling*3	kW	0.044 (0.042)	0.047 (0.045)	0.066 (0.064)	0.087 (0.085)
		Heating*3	kW	0.042	0.045	0.064	0.085
Current		Cooling*3	A	0.34	0.37	0.51	0.66
		Heating*3	A	0.34	0.37	0.51	0.66
External finish				Galvanized steel plate			
Dimension H x W x D			mm	250 x 700 x 732	250 x 900 x 732	250 x 900 x 732	250 x 900 x 732
			in.	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8
Net weight			kg (lbs.)	21.5 (49) [21 (47)]	26 (58) [25.5 (58)]	26 (58) [25.5 (58)]	27 (60) [26.5 (60)]
Heat exchanger				Cross fin (Aluminum fin and copper tube)			
Fan	Type x Quantity			Sirocco fan x 1	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2
	Airflow rate (Lo-Mid-Hi)		m^3/min	7.5-9.0-10.5	10.0-12.0-14.0	12.0-14.5-17.0	13.5-16.0-19.0
			L/s	125-150-175	167-200-233	200-242-283	225-267-317
			cfm	265-318-371	353-424-494	424-512-600	477-565-671
	External static pressure	*4	Pa	35-<50>-<70>-<100>-<150>	35-<50>-<70>-<100>-<150>	35-<50>-<70>-<100>-<150>	35-<50>-<70>-<100>-<150>
Motor	Type			DC motor			
	Output		kW	0.085	0.121	0.121	0.121
Air filter				PP honeycomb fabric.			
Refrigerant pipe diameter		Liquid (R410A)	mm (in.)	6.35 (1/4) Brazed	6.35 (1/4) Brazed	6.35 (1/4) Brazed	9.52 (3/8) Brazed
		Gas (R410A)	mm (in.)	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	15.88 (5/8) Brazed
Field drain pipe diameter			mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)
Sound pressure level (measured in anechoic room)							
(Lo-Mid-Hi)	*3 *5		dB (A)	24-28-31	24-29-32	25-32-35	28-32-36

Model				PEFY-P80VMA(L)-E	PEFY-P100VMA(L)-E	PEFY-P125VMA(L)-E	PEFY-P140VMA(L)-E
Power source				1-phase 220-230-240V 50/60Hz			
Cooling capacity (Nominal)	*1		kW	9.0	11.2	14.0	16.0
	*1		BTU/h	30,700	38,200	47,800	54,600
Heating capacity (Nominal)	*2		kW	10.0	12.5	16.0	18.0
	*2		BTU/h	34,100	42,700	54,600	61,400
Power consumption		Cooling*3	kW	0.08 (0.078)	0.142 (0.14)	0.199 (0.197)	0.208 (0.206)
		Heating*3	kW	0.078	0.14	0.197	0.206
Current		Cooling*3	A	0.57	0.97	1.23	1.34
		Heating*3	A	0.57	0.97	1.23	1.34
External finish				Galvanized steel plate			
Dimension H x W x D			mm	250 x 1,100 x 732	250 x 1,400 x 732	250 x 1,400 x 732	250 x 1,600 x 732
			in.	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 55-1/8x 287/8	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 63 x 28-7/8
Net weight			kg (lbs.)	30 (67) [29.5 (67)]	37.5 (84) [37 (82)]	38.5 (86) [38 (84)]	41.5 (93) [41 (91)]
Heat exchanger				Cross fin (Aluminum fin and copper tube)			
Fan	Type x Quantity			Sirocco fan x 2	Sirocco fan x 3	Sirocco fan x 2	Sirocco fan x 3
	Airflow rate (Lo-Mid-Hi)		m^3/min	14.5-18.0-21.0	23.0-28.0-32.0	28.0-34.0-37.0	29.5-35.5-40.0
			L/s	242-300-350	383-467-533	467-567-617	492-592-667
			cfm	512-636-742	812-989-1,130	989-1,201-1,306	1,042-1,254-1,412
	External static pressure	*4	Pa	40-<50>-<70>-<100>-<150>	40-<50>-<70>-<100>-<150>	<40>-50-<70>-<100>-<150>	<40>-50-<70>-<100>-<150>
Motor	Type			DC motor			
	Output		kW	0.121	0.3	0.3	0.3
Air filter				PP honeycomb fabric.			
Refrigerant pipe diameter		Liquid (R410A)	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed
		Gas (R410A)	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
Field drain pipe diameter			mm (in.)	O.D.32 (1.1/4)	O.D.32 (1.1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)
Sound pressure level (measured in anechoic room)							
(Lo-Mid-Hi)	*3 *5		dB (A)	26-32-35	31-36-39	35-39-41	34-38-41

Notes:

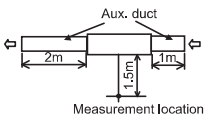
*1 Nominal cooling conditions
Indoor: 27°C(81°F)DB/19°C(66°F)WB, Outdoor: 35°C(95°F)DB
Pipe length: 7.5m(24-9/16ft.), Level difference: 0m(0ft.)

*2 Nominal heating conditions
Indoor: 20°C(68°F)DB, Outdoor: 7°C(45°F)DB/6°C(43°F)WB
Pipe length: 7.5m(24-9/16ft.), Level difference: 0m(0ft.)

*3 The values are measured at the rated external static pressure.

*4 The rated external static pressure is shown without < >. The factory setting is the rated value.

*5 Measured in anechoic room with a 1m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit.



* [ ] is in case of PEFY-P VMAL-E

PEFY-P VMH(S)-E

PEFY-P VMHS-E (P40-P140)

PEFY-P VMHS-E (P200/P250)

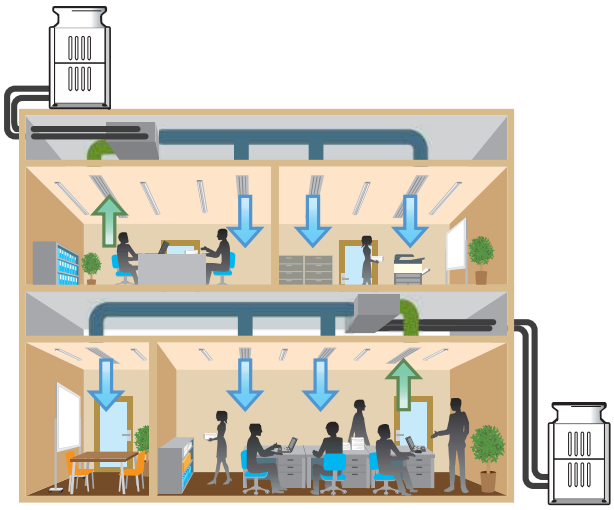
Sufficient external static pressure ensuring flexible duct design

Sufficient external static pressure enables designs with long ducts and greatly expands design possibilities. Ducted air-conditioning that maches an interior design can be realized.

PEFY-P VMHS	P40	P50	P63	P71	P80	P100	P125	P140
External static pressure (Pa)	50 – <100> – <150> – <200>							

PEFY-P VMHS-E	P200	P250
External static pressure (Pa)	<50> – <100> – 150 – <200> – <250>*	

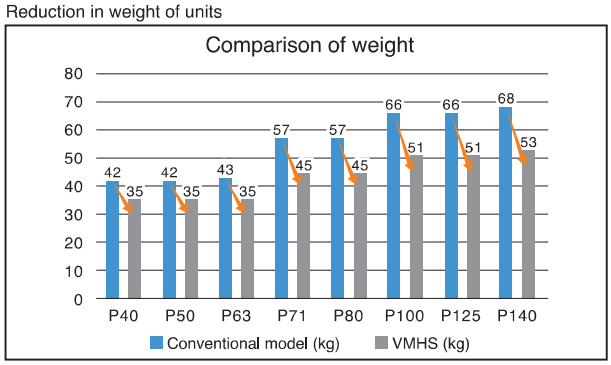
* The rated external static pressure is shown without < >.
The factory setting is the rated value.



Use of DC motors (VMHS Models)

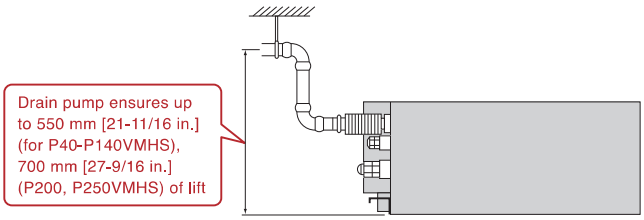
These new P40 to P140VMHS Models use DC motors. This reduces the power consumption and weight of the units.

Reduction in weight of units



Drain pump (option) ensures up to 550 mm [21-11/16 in.] for P40-P140VMHS, 700 mm [27-9/16 in.] for P200/P250VMHS models

The introduction of an upper drain pump allows the drain connection to be raised as high as 550 mm [21-11/16 in.] for P40-P140VMHS, 700 mm [27-9/16 in.] for P200, 500VMHS models, allowing more freedom in piping layout design and reducing horizontal piping requirements.



Optional Parts

Description	Model	Applicable capacity VMHS-E	Remarks
Drain pump	PAC-KE05DM-F	P200, P250	
	PAC-DRP10DP-E2	P10-P140	
Long life fiter	PAC-KE86LAF	P40, P50, P63	
	PAC-KE88LAF	P71, P80	
	PAC-KE89LAF	P100, P125, P140	
	PAC-KE85LAF	P200, P250	
Filter box	PAC-KE63TB-F	P40, P50, P63	Required when long life filter is used
	PAC-KE99TB-F	P71, P80	
	PAC-KE140TB-F	P100, P125, P140	
	PAC-KE250TB-F	P200, P250	

Specifications

Model				PEFY-P40VMHS-E	PEFY-P50VMHS-E	PEFY-P63VMHS-E	PEFY-P71VMHS-E	PEFY-P80VMHS-E	PEFY-P100VMHS-E	PEFY-P125VMHS-E	PEFY-P140VMHS-E
Power source				1-phase 220-230-240 V 50/60 Hz							
Cooling capacity		*1	kW	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0
		*1	BTU/h	15,400	19,100	24,200	27,300	30,700	38,200	47,800	54,600
	*2	Power input	kW	0.055		0.090	0.075	0.090	0.160		0.190
	*2	Current input (220-230-240 V)	A	0.41-0.39-0.38		0.64-0.62-0.59	0.54-0.52-0.50	0.63-0.61-0.58	1.05-1.01-0.96		1.24-1.19-1.14
Heating capacity		*3	kW	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0
		*3	BTU/h	17,100	21,500	27,300	30,700	34,100	42,700	54,600	61,400
	*2	Power input	kW	0.055		0.090	0.075	0.090	0.160		0.190
	*2	Current input (220-230-240 V)	A	0.41-0.39-0.38		0.64-0.62-0.59	0.54-0.52-0.50	0.63-0.61-0.58	1.05-1.01-0.96		1.24-1.19-1.14
External finish				Galvanized steel plate							
External dimension H x W x D			mm	380 x 745 x 900			380 x 1,030 x 900		380 x 1,195 x 900		
			in.	15 x 29-3/8 x 35-7/16			15 x 40-9/16 x 35-7/16		15 x 47-1/16 x 35-7/16		
Net weight			kg (lbs.)	35 (78)			45 (100)		51 (113)		53 (117)
Heat exchanger				Cross fin (Aluminum fin and copper tube)							
Fan	Type x Quantity			Sirocco fan x 1			Sirocco fan x 2				
	*4 External static press.		Pa	50-<100>-<150>-<200>							
			mmH_2O	5.1-<10.2>-<15.3>-<20.4>							
	Motor Type			DC motor							
	Motor output		kW	0.121			0.244		0.375		
	Air flow rate			(Low-Mid-High)							
			m^3/min	10.0-12.0-14.0		13.5-16.0-19.0	15.5-18.0-22.0	18.0-21.5-25.0	26.5-32.0-38.0		28.0-34.0-40.0
			L/s	167-200-233		225-267-317	258-300-367	300-358-417	442-533-633		467-567-667
			cfm	353-424-494		477-565-671	547-636-777	636-759-883	936-1,130-1,342		989-1,201-1,412
Sound pressure level (measured in anechoic room)				(Low-Mid-High)							
		*2	dB <A>	20-23-27		24-27-32	24-26-30	25-27-30	27-31-34		27-32-36
Air filter				Option:Synthetic fiber unwoven cloth filter (long life filter) and filter box are recommended.							
Refrigerant piping diameter	Gas (R410A)		mm (in.)	12.7 (1/2) Brazed		15.88 (5/8) Brazed					
	Liquid (R410A)		mm (in.)	6.35 (1/4) Brazed		9.52 (3/8) Brazed					
Field drain pipe diameter			mm (in.)	O.D.32 (1-1/4)							

Model				PEFY-P200VMHS-E	PEFY-P250VMHS-E
Power source				1-phase 220-240V 50Hz/1-phase 220-240V 60Hz	
Cooling capacity		*5	kW	22.4	28.0
		*5	BTU/h	76,400	95,500
Heating capacity		*5	kW	25.0	31.5
		*5	BTU/h	85,300	107,500
Power consumption	Cooling		kW	0.63 *2	0.82 *2
	Heating		kW	0.63 *2	0.82 *2
Cooling	220-230-240V		A	3.47-3.32-3.18 *2	4.72-4.43-4.14 *2
Heating	220-230-240V		A	3.47-3.32-3.18 *2	4.72-4.43-4.14 *2
External finish				Galvanized steel plate	
Dimension H x W x D			mm	470 x 1,250 x 1,120	
			in.	18-9/16 x 49-1/4 x 44-1/8	
Net weight			kg (lbs.)	97 (214)	100 (221)
Heat exchanger				Cross fin (Aluminum plate fin and copper tube)	
Fan	Type x Quantity			Sirocco fan x 2	
	Lo-Mid-Hi		m^3/min	50.0-61.0-72.0	58.0-71.0-84.0
			L/s	833-1017-1200	967-1183-1400
	Exernal static pressure		Pa	<50>-<100>-150-<200>-<250> *9	
			mmH_2O	<5.1>-<10.2>-15.3-<20.4>-<25.5> *9	
Motor	Type			DC motor	
	Output		kW	0.87	
Air filter (option)				Synthethic fiber unwoven cloth filter (long life filter) and filter box are recommended.	
Refrigerant pipe diameter	Gas (Brazing)		mm (in.)	ø19.05 (ø3/4)	ø22.2 (ø7/8)
	Liquid (Brazing)		mm (in.)	ø9.52 (ø3/8)	
Field drain pipe diameter			mm (in.)	O.D. 32 (1-1/4)	
Sound pressure level	Lo-Mid-Hi		dB (A)	36-39-43 *10	39-42-46 *10

Notes:

*1 Nominal cooling conditions
Indoor: 27˚CD.B./19˚CW.B. (81˚FD.B./66˚FW.B.), Outdoor: 35˚CD.B. (95˚FD.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˚CD.B. (68˚FD.B.), Outdoor: 7˚CD.B./6˚CW.B. (45˚FD.B./43˚FW.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 Cooling/heating capacity indicates the maximum value at operation under the following condition.
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

*6 The external static pressure is set to 220Pa (at 380V) /260Pa (at 400, 415V) at factory shipment.

*7 The value are that at 415V.

*8 It is measured in anechoic room.

*9 The rated external static pressure is shown without < >.
The factory setting is the rated value.

*10 It is measured at the rated external static pressure in anechoic room.

Fresh air intake type

PEFY-P VMHS-E-F

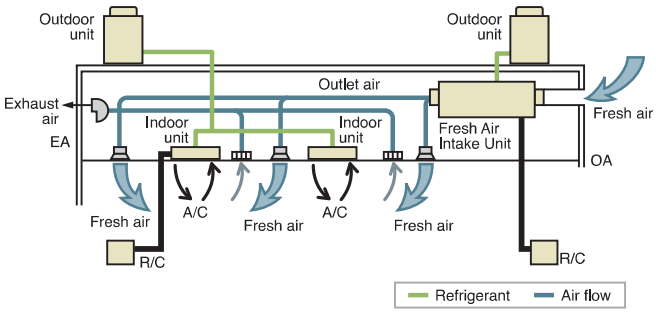
PEFY-P VMHS-E-F (P125)

PEFY-P VMHS-E-F (P200/P250)

Enables Intake of Outside Air

Fresh air can be taken in with temperature control. Fresh air intake is available for each air-conditioning zone.

* Fresh air intake type indoor unit is designed to supply pretreated outside air into the room. Do not use to handle internal thermal load.



Flexible Air-Flow Setting

Four levels of external static pressure levels to choose from compared to the three levels on the existing models

Model	P125	P200	P250
External static pressure (Pa)	<100> – <150> – 200 – <250>		

*The factory setting of external static pressure is shown without chevrons "< >".

Two types of air-flow modes are available, each of which has three air-flow rates to choose from.

Mode	Normal-airflow rate	High-airflow rate
Air-flow rate	Low-Medium-High	Low-Medium-High

*Air-flow rates are accessible from the remote controller.

Controllable Outlet Air Temperature

Pre-treating the intake air before being supplied to the room contributes to the stability of room temperature, ensuring optimized comfort of the occupants.

* Outlet air temperature may fluctuate, depending on the outside air temperature and the operating status of indoor and outdoor units.

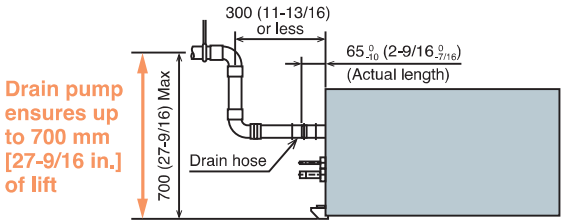
Equipped with New Fan Motor

Fan motor has been changed to higher efficiency DC motor. Power source has been changed from three-phase power supply to single-phase power supply, which allows for easier installation.

* Comparison with PEFY-P140, 200, 250VMH-E-F

Drain Pump (Optional)

Greater design flexibility made possible by the increased head height (Max. 700 mm)*



* Comparison with PEFY-P140, 200, 250VMH-E-F

Optional Parts

Description	Model	Applicable capacity
Drain pump kit	PAC-DRP10DP-E2	P125
	PAC-KE06DM-F	P200, 250
Long life filter	PAC-KE89LAF	P125
	PAC-KE85LAF	P200, 250
Filter box	PAC-KE140TB-F	P125
	PAC-KE250TB-F	P200, 250

Specifications

Model				PEFY-P125VMHS-E-F		PEFY-P200VMHS-E-F		PEFY-P250VMHS-E-F *6	
Power source				1-phase 220-230-240 V 50/60 Hz		1-phase 220-230-240 V 50/60 Hz		1-phase 220-230-240 V 50/60 Hz	
Cooling capacity (Nominal)	*1		kW	14.0		22.4		28.0	
	*1		BTU/h	47,800		76,400		95,500	
	*2	Power input	kW	0.220		0.260		0.350	
	*2	Current input (220 V)	A	1.43		1.66		2.16	
Temp. range of cooling				17°CD.B./15.5°CW.B. ~ 43°CD.B./35°CW.B * Thermo-off (FAN-mode) automatically starts if the outdoor temperature is lower than 17°CD.B.		17°CD.B./15.5°CW.B. ~ 43°CD.B./35°CW.B. * Thermo-off (FAN-mode) automatically starts if the outdoor temperature is lower than 17°CD.B.		17°CD.B./15.5°CW.B. ~ 43°CD.B./35°CW.B. * Thermo-off (FAN-mode) automatically starts if the outdoor temperature is lower than 17°CD.B.	
Heating capacity (Nominal)	*3		kW	8.9		13.9		17.4	
	*3		BTU/h	30,400		47,400		59,400	
	*2	Power input	kW	0.230		0.270		0.360	
	*2	Current input (220 V)	A	1.52		1.85		2.38	
Temp. range of heating				-10°CD.B. ~ 20°CD.B. * Thermo-off (FAN-mode) automatically starts if the outdoor temperature is higher than 20°CD.B.		-10°CD.B. ~ 20°CD.B. * Thermo-off (FAN-mode) automatically starts if the outdoor temperature is higher than 20°CD.B.		-10°CD.B. ~ 20°CD.B. * Thermo-off (FAN-mode) automatically starts if the outdoor temperature is higher than 20°CD.B.	
External finish				Galvanized		Galvanized		Galvanized	
External dimension HxWxD			mm	380 x 1,195 x 900		470 x 1,250 x 1,120		470 x 1,250 x 1,120	
			in.	15 x 47-1/16 x 35-7/16		18-9/16 x 49-1/4 x 44-1/8		18-9/16 x 49-1/4 x 44-1/8	
Net weight			kg (lbs.)	49 (109)		78 (172)		81 (179)	
Heat exchanger				Cross fin (Aluminum fin and copper tube)		Cross fin (Aluminum fin and copper tube)		Cross fin (Aluminum fin and copper tube)	
FAN		Type x Quantity		Sirocco fan x 1		Sirocco fan x 2		Sirocco fan x 2	
*4, 5		External static press.	Pa	<100> - <150> - 200 - <250>		<100> - <150> - 200 - <250>		<100> - <150> - 200 - <250>	
			mmH_2O	<10.2> - <15.3> - 20.4 - <25.5>		<10.2> - <15.3> - 20.4 - <25.5>		<10.2> - <15.3> - 20.4 - <25.5>	
		Motor Type		DC motor		DC motor		DC motor	
		Motor output	kW	0.244		0.375		0.375	
		Driving mechanism		Direct-driven by motor		Direct-driven by motor		Direct-driven by motor	
*4, 5		Air flow rate		Normal-airflow rate mode	<High-airflow rate mode>	Normal-airflow rate mode	<High-airflow rate mode>	Normal-airflow rate mode	<High-airflow rate mode>
		(Low-Mid-High)	m^3/min	14.0 - 15.5 - 18.0	15.5 - 18.0 - 20.0	22.5 - 25.0 - 28.0	25.0 - 28.0 - 32.0	28.0 - 31.0 - 35.0	31.0 - 35.0 - 40.0
			L/s	233 - 258 - 300	258 - 300 - 333	375 - 417 - 467	417 - 467 - 533	467 - 517 - 583	517 - 583 - 667
			cfm	494 - 547 - 636	547 - 636 - 706	794 - 883 - 989	883 - 989 - 1,130	989 - 1,095 - 1,236	1,095 - 1,236 - 1,412
Sound pressure level (measured in anechoic room)				Normal-airflow rate mode	<High-airflow rate mode>	Normal-airflow rate mode	<High-airflow rate mode>	Normal-airflow rate mode	<High-airflow rate mode>
(Low-Mid-High)	*2		dB <A>	34-37-41	36-40-42	35-38-41	36-39-42	38-40-44	38-41-45
Air filter				Option: Synthetic fiber unwoven cloth filter (long life filter)		Option: Synthetic fiber unwoven cloth filter (long life filter)		Option: Synthetic fiber unwoven cloth filter (long life filter).	
Refrigerant piping diameter		Liquid (R410A)	mm (in.)	9.52 (3/8) Brazed		9.52 (3/8) Brazed		9.52 (3/8) Brazed	
		Gas (R410A)	mm (in.)	15.88 (5/8) Brazed		19.05 (3/4) Brazed		22.22 (7/8) Brazed	
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)		O.D.32 (1-1/4)		O.D.32 (1-1/4)	
Optional parts		Drain pump kit		PAC-DRP10DP-E2		PAC-KE06DM-F		PAC-KE06DM-F	
		Long life filter		PAC-KE89LAF		PAC-KE85LAF		PAC-KE85LAF	
		Filter box		PAC-KE140TB-F		PAC-KE250TB-F		PAC-KE250TB-F	

Notes:

*1 Cooling capacity indicates the maximum value at operation under the following condition. Cooling: Indoor 33°CDB/28°CWB, Outdoor 33°CDB. The set temperature of the remote controller is 18°C.
*2 The value are measured at the factory setting of airflow mode and external static pressure.
*3 Heating capacity indicates the maximum value at operation under the following condition. Heating: Indoor 0°CDB/-2.9°CWB, Outdoor 0°CDB/-2.9°CWB. The set temperature of the remote controller is 25°C.
*4 The factory setting of airflow mode and external static pressure mode 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 If the airflow rate is over the usable range, dew drop can be caused from the air outlet and the air flow rate is changed automatically because of the output down by the fan motor control. If the air flow rate is less than the usable range, condensation from the unit surface can be caused.
*6 Regarding P250VMHS-E-F, the middle notch air flow rate is different from the spec value when the external static pressure setting is set to 100Pa. See "Fan characterics curves" in DATA BOOK for the details.

- The combination of fresh air intake type indoor units with other types of indoor units to handle internal thermal load which may cause the conflict of operation mode. It is not recommended when fresh air intake type indoor unit is connected to the Y or WY series.
- Depending on the air conditioning load, outside temperature, and due to the activation of protection functions, the desired preset temperature may not always be achieved and the discharge temperature may swing. Note that untreated outside air may be delivered directly into the room upon the activation of protection functions.
- Fresh air intake type indoor units cannot be connected to PUMY and cannot be connected to an outdoor unit together with PWFY series.
- The maximum connectable indoor units to 1 outdoor unit are 110% (100% in case of heating below -5°C).
- When fresh air intake type indoor units connect to an outdoor unit together with other types of indoor unit, the total capacity of fresh air intake type indoor units needs to be 30% or less of the connected outdoor unit capacity.
- The AUTO mode on the local remote controller is available only when fresh air intake type indoor unit is connected to the R2 or WR2 series of outdoor unit.
- The system changeover function is available only when all the connected indoor units are fresh air intake type indoor units.
- The fan temporary stops during defrost.
- The cooling and heating capacities are the maximum capacities that were obtained by operating in the above air conditions and with a refrigerant pipe of about 7.5 m and a level difference of 0 m.
- The actual capacity characteristics vary with the combination of indoor and outdoor units. See the technical information in DATA BOOK for the details.
- Thermo off (Fan) operation automatically starts either when temperature is lower than 17°CDB in cooling mode or when the temperature exceeds 20°CDB in heating mode.
- Dry mode is not available.
- When this unit is used as sole A/C system, be careful about the dew in air outlet grilles in cooling mode.
- Un-conditioned outdoor air such as humid air or cold air blows to the indoor during thermo off operation. Please be careful when positioning indoor unit air outlet grilles, ie take the necessary precautions for cold air, and also insulate rooms for dew condensation prevention as required.
- Air filter must be installed in the air intake side. The filter should be attached where easy maintenance is possible in case of usage of field supply filters.