Ceiling concealed type R410A
Fresh air intake type PEFY-P VMHS-E-F

				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 (Low-Mid-High)		Normal-airflow rate mode / <High-airflow rate mode>	Normal-airflow rate mode / <High-airflow rate mode>	Normal-airflow rate mode / <High-airflow rate mode>
			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) (Low-Mid-High)		*2	dB <A>	Normal-airflow rate mode / <High-airflow rate mode>: 34-37-41 / 36-40-42	Normal-airflow rate mode / <High-airflow rate mode>: 35-38-41 / 36-39-42	Normal-airflow rate mode / <High-airflow rate mode>: 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)

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, which may occur dew condensation on the grills and ducts. Please insulate the grills, ducts, and rooms to prevent dew condensation properly.
• 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.