

1. SPECIFICATIONS

DATA U4

PEFY

Model		PEFY-P06NMSU-E	PEFY-P08NMSU-E	PEFY-P12NMSU-E	PEFY-P15NMSU-E	
Power source		1-phase 208/230V 60Hz				
Cooling capacity (Nominal)	*1 BTU / h	6,000	8,000	12,000	15,000	
	*1 kW	1.8	2.3	3.5	4.4	
	Power input kW	0.05/0.05	0.06/0.06	0.07/0.07	0.07/0.07	
	Current input A	0.42/0.41	0.51/0.49	0.56/0.53	0.57/0.55	
Heating capacity (Nominal)	*2 BTU / h	6,700	9,000	13,500	17,000	
	*2 kW	2.0	2.6	4.0	5.0	
	Power input kW	0.03/0.03	0.04/0.04	0.05/0.05	0.05/0.05	
	Current input A	0.32/0.31	0.41/0.39	0.46/0.43	0.47/0.45	
External finish		Galvanized				
External dimension H x W x D	in.	7-7/8 x 31-1/8 x 27-9/16	7-7/8 x 31-1/8 x 27-9/16	7-7/8 x 31-1/8 x 27-9/16	7-7/8 x 39 x 27-9/16	
	mm	200 x 790 x 700	200 x 790 x 700	200 x 790 x 700	200 x 990 x 700	
Net weight	lbs (kg)	42(19)	42(19)	46(20)	54(24)	
Heat exchanger		Cross fin(Aluminium fin and copper tube)				
FAN	Type x Quantity		Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 3
	External static press	in.WG	0.02-0.06-0.14-0.20 (208V)	0.02-0.06-0.14-0.20(208V)	0.02-0.06-0.14-0.20(208V)	0.02-0.06-0.14-0.20(208V)
		Pa	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50
		in.WG	0.02-0.06-0.14-0.20 (230V)	0.02-0.06-0.14-0.20(230V)	0.02-0.06-0.14-0.20(230V)	0.02-0.06-0.14-0.20(230V)
		Pa	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50
	Motor type		DC brushless motor			
	Motor output	kW	0.096	0.096	0.096	0.096
	Driving mechanism		Direct-driven			
	Airflow rate (Low-Mid-High)	cfm	176-212-247	194-247-317	211-282-370	282-335-388
		m3 / min	5-6-7	5.5-7-9	6-8-10.5	8-9.5-11
L / s		83-100-117	91-116-150	100-133-175	133-158-183	
Sound pressure level (Low-Mid-High) (measured in anechoic room)	dB <A>	22-24-28 (208V)	23-26-30 (208V)	23-28-35 (208V)	28-30-33 (208V)	
	dB <A>	22-24-28 (230V)	23-26-30 (230V)	23-28-35 (230V)	28-30-33 (230V)	
	dB <A>	-	-	-	-	
Insulation material		Polystyrene foam,Polyethylene foam,Urethane foam				
Air filter		PP Honeycomb fabric (washable)				
Protection device		Fuse				
Refrigerant control device		LEV				
Connectable outdoor unit		*3	R410A,R22 CITY MULTI	R410A,R22 CITY MULTI	R410A,R22 CITY MULTI	
Diameter of refrigerant pipe (O.D.)	Liquid (R410A) (R22)	in. (mm)	1/4 (6.35) Brazed 1/4 (6.35) Brazed	1/4 (6.35) Brazed 1/4 (6.35) Brazed	1/4 (6.35) Brazed 1/4 (6.35) Brazed	1/4 (6.35) Brazed 1/4 (6.35) Brazed
	Gas (R410A) (R22)	in. (mm)	1/2 (12.7) Brazed 1/2 (12.7) Brazed	1/2 (12.7) Brazed 1/2 (12.7) Brazed	1/2 (12.7) Brazed 1/2 (12.7) Brazed	1/2 (12.7) Brazed 1/2 (12.7) Brazed
Diameter of drain pipe		in. (mm)	O.D. 1-1/4(32)	O.D. 1-1/4(32)	O.D. 1-1/4(32)	O.D. 1-1/4(32)
Drawing	External		WKB94L522			
	Wiring		WKB94L523			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual, Instruction Book			
	Accessory		Drain hose (flexible joint)			
Optional parts	External heater adaptor		PAC-YU25HT	PAC-YU25HT	PAC-YU25HT	PAC-YU25HT
Remark						
Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.				

Note :	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit convertor
	Indoor : 80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860 BTU/h = kW x 3,412 cfm = m3/min x 35.31 lbs = kg / 0.4536
	Outdoor : 95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	
	Pipe length : 25 ft. (7.6 m)	25 ft. (7.6 m)	
	Level difference : 0 ft. (0 m)	0 ft. (0 m)	
*3 PUHY-THMU,PURY-THMU,PUHY-YHMU,PURY-YHMU,PUMY-NHMU			
*The external static pressure is set to 15 Pa at factory shipment.			
*Due to continuing improvement, above specification may be subject to change without notice.			*Above specification data is subject to rounding variation.

Ref.: PEFY_NMSU-E_SPC_USDB_P06-P15

1. SPECIFICATIONS

Model		PEFY-P18NMSU-E	PEFY-P24NMSU-E			
Power source		1-phase 208/230V 60Hz				
Cooling capacity (Nominal)	*1 BTU / h	18,000	24,000			
	*1 kW	5.3	7.0			
	Power input kW	0.09/0.09	0.12/0.12			
	Current input A	0.74/0.70	0.98/0.93			
Heating capacity (Nominal)	*2 BTU / h	20,000	27,000			
	*2 kW	5.9	7.9			
	Power input kW	0.07/0.07	0.10/0.10			
	Current input A	0.64/0.60	0.88/0.83			
External finish		Galvanized				
External dimension H x W x D	in.	7-7/8 x 39 x 27-9/16	7-7/8 x 46-7/8 x 27-9/16			
	mm	200 x 990 x 700	200 x 1190 x 700			
Net weight	lbs (kg)	54(24)	62(28)			
Heat exchanger		Cross fin(Aluminium fin and copper tube)				
FAN	Type x Quantity		Sirocco fan x 3	Sirocco fan x 4		
	External static press	in.WG	0.02-0.06-0.14-0.20 (208V)	0.02-0.06-0.14-0.20(208V)		
		Pa	5-15-35-50	5-15-35-50		
		in.WG	0.02-0.06-0.14-0.20 (230V)	0.02-0.06-0.14-0.20(230V)		
		Pa	5-15-35-50	5-15-35-50		
	Motor type		DC brushless motor			
	Motor output	kW	0.096	0.096		
	Driving mechanism		Direct-driven			
	Airflow rate (Low-Mid-High)	cfm	353-441-529	423-565-706		
		m ³ / min	10-12.5-15	12-16-20		
L / s		167-208-250	200-267-333			
Sound pressure level (Low-Mid-High) (measured in anechoic room)	dB <A>	30-34-37 (208V)	30-35-40 (208V)			
	dB <A>	30-34-37 (230V)	30-35-40 (230V)			
	dB <A>	-	-			
Insulation material		Polystyrene foam,Polyethylene foam,Urethane foam				
Air filter		PP Honeycomb fabric (washable)				
Protection device		Fuse				
Refrigerant control device		LEV				
Connectable outdoor unit		R410A,R22 CITY MULTI	R410A,R22 CITY MULTI			
Diameter of refrigerant pipe (O.D.)	Liquid (R410A) (R22)	in. (mm)	1/4 (6.35) Brazed 3/8 (9.52) Brazed	3/8 (9.52) Brazed 3/8 (9.52) Brazed		
	Gas (R410A) (R22)	in. (mm)	1/2 (12.7) Brazed 5/8 (15.88) Brazed	5/8 (15.88) Brazed 5/8 (15.88) Brazed		
Diameter of drain pipe		in. (mm)	O.D. 1-1/4(32)	O.D. 1-1/4(32)		
Drawing	External	WKB94L522				
	Wiring	WKB94L523				
	Refrigerant cycle	-				
Standard attachment	Document	Installation Manual, Instruction Book				
	Accessory	Drain hose (flexible joint)				
Optional parts	External heater adaptor	PAC-YU25HT	PAC-YU25HT			
Remark						
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	Pipe length : 25 ft. (7.6 m)	25 ft. (7.6 m)	
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