

Model		PEFY-P15NMHU-E	PEFY-P18NMHU-E	PEFY-P24NMHU-E	PEFY-P27NMHU-E		
Power source		1-phase 208/230 V 60Hz					
Cooling capacity (Nominal)	*1 BTU / h	15,000	18,000	24,000	27,000		
	*1 kW	4.4	5.3	7.0	7.9		
	Power input kW	0.188/0.207	0.188/0.207	0.245/0.270	0.270/0.297		
Current input		A	0.96/1.06	1.25/1.38	1.37/1.51		
Heating capacity (Nominal)	*2 BTU / h	17,000	20,000	27,000	30,000		
	*2 kW	5.0	5.9	7.9	8.8		
	Power input kW	0.188/0.207	0.188/0.207	0.245/0.270	0.270/0.297		
Current input		A	0.96/1.06	1.25/1.38	1.37/1.51		
External finish		Galvanized					
External dimension H x W x D	in.	14-31/32 x 29-17/32 x 35-7/16	14-31/32 x 29-17/32 x 35-7/16	14-31/32 x 29-17/32 x 35-7/16	14-31/32 x 39-3/8 x 35-7/16		
	mm	380 x 750 x 900	380 x 750 x 900	380 x 750 x 900	380 x 1,000 x 900		
Net weight		lbs (kg)	98 (44)	100 (45)	111 (50)		
Heat exchanger		Cross fin(Aluminium fin and copper tube)					
FAN	Type x Quantity	Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1		
	External static press	in.WG	N/A-0.201-0.642 (208V)	N/A-0.201-0.642 (208V)	N/A-0.201-0.642 (208V)	N/A-0.201-0.642 (208V)	
		Pa	N/A-50-160	N/A-50-160	N/A-50-160	N/A-50-160	
		in.WG	0.401-0.602-0.803 (230V)	0.401-0.602-0.803 (230V)	0.401-0.602-0.803 (230V)	0.401-0.602-0.803 (230V)	
		Pa	100-150-200	100-150-200	100-150-200	100-150-200	
	Motor type		1-phase induction motor				
	Motor output		kW	0.130	0.130	0.180	0.220
	Driving mechanism		Direct-driven				
	Airflow rate (Low-High)	cfm	353-494	353-494	477-671	547-777	
		m3 / min	10.0-14.0	10.0-14.0	13.5-19.0	15.5-22.0	
L / s		167-233	167-233	225-317	258-367		
Noise level (Low-High) (measured in anechoic room)	dB <A>	25-32 (208V)	25-32 (208V)	29-36 (208V)	30-38 (208V)		
	dB <A>	34-39 (230V)	34-39 (230V)	36-41 (230V)	35-41 (230V)		
	dB <A>	-	-	-	-		
Insulation material		Polystyrene foam,Polyethylene foam,Urethane foam					
Air filter		Standard filter					
Protection device		Fuse					
Refrigerant control device		LEV					
Connectable outdoor unit		R410A,R22 CITY MULTI					
Diameter of refrigerant pipe (O.D.)	Liquid (R410A) (R22)	in. (mm)	1/4 (6.35) Flare	1/4 (6.35) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	
			1/4 (6.35) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	
	Gas (R410A) (R22)	in. (mm)	1/2 (12.7) Flare	1/2 (12.7) Flare	5/8 (15.88) Flare	5/8 (15.88) Flare	
			1/2 (12.7) Flare	5/8 (15.88) Flare	5/8 (15.88) Flare	5/8 (15.88) Flare	
Diameter of drain pipe		in. (mm)	1-9/32 (32)	1-9/32 (32)	1-9/32 (32)	1-9/32 (32)	
Drawing	External		W277664				
	Wiring		W660134				
	Refrigerant cycle		-				
Standard attachment	Document		Installation Manual,Installation Book				
	Accessory		Drain hose VP-25(flexible joint)				
Optional parts	Drain pump kit		PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	
	External Heater Adaptor		PAC-YU24HT-F	PAC-YU24HT-F	PAC-YU24HT-F	PAC-YU24HT-F	
	Filter box		PAC-KE63TB-F	PAC-KE63TB-F	PAC-KE63TB-F	PAC-KE80TB-F	
	Long life filter		PAC-KE86LAF	PAC-KE86LAF	PAC-KE86LAF	PAC-KE88LAF	
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 converter
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)	
*Due to continuing improvement, above specification may be subject to change without notice.			*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

DATA U1

Model		PEFY-P30NMHU-E	PEFY-P36NMHU-E	PEFY-P48NMHU-E	PEFY-P54NMHU-E	
Power source		1-phase 208/230 V 60Hz				
Cooling capacity (Nominal)	*1 BTU / h	30,000	36,000	48,000	54,000	
	*1 kW	8.8	10.6	14.1	15.8	
	Power input kW	0.326/0.360	0.683/0.754	0.683/0.754	0.695/0.767	
	Current input A	1.66/1.83	3.38/3.73	3.38/3.73	3.43/3.78	
Heating capacity (Nominal)	*2 BTU / h	34,000	40,000	54,000	60,000	
	*2 kW	10.0	11.7	15.8	17.6	
	Power input kW	0.326/0.360	0.683/0.754	0.683/0.754	0.695/0.767	
	Current input A	1.66/1.83	3.38/3.73	3.38/3.73	3.43/3.78	
External finish		Galvanized				
External dimension H x W x D		in.	14-31/32 x 39-3/8 x 35-7/16	14-31/32 x 47-1/4 x 35-7/16	14-31/32 x 47-1/4 x 35-7/16	
		mm	380 x 1,000 x 900	380 x 1,200 x 900	380 x 1,200 x 900	
Net weight		lbs (kg)	111 (50)	155 (70)	155 (70)	
Heat exchanger		Cross fin(Aluminium fin and copper tube)				
FAN	Type x Quantity		Sirocco fan x 1	Sirocco fan x 2	Sirocco fan x 2	
	External static press	in.WG	N/A-0.201-0.642 (208V)	N/A-0.201-0.642 (208V)	N/A-0.201-0.642 (208V)	
		Pa	N/A-50-160	N/A-50-160	N/A-50-160	
		in.WG	0.401-0.602-0.803 (230V)	0.401-0.602-0.803 (230V)	0.401-0.602-0.803 (230V)	
		Pa	100-150-200	100-150-200	100-150-200	
	Motor type		1-phase induction motor			
	Motor output kW		0.230	0.400	0.400	
	Driving mechanism		Direct-driven			
	Airflow rate (Low-High)	cfm	636-883	936-1,342	936-1,342	
		m ³ / min	18.0-25.0	26.5-38.0	26.5-38.0	
L / s		300-417	442-633	442-633		
Noise level (Low-High) (measured in anechoic room)	dB <A>	33-40 (208V)	31-41 (208V)	31-41 (208V)		
	dB <A>	38-43 (230V)	38-44 (230V)	38-44 (230V)		
	dB <A>	-	-	-		
Insulation material		Polystyrene foam, Polyethylene foam, Urethane foam				
Air filter		Standard filter				
Protection device		Fuse				
Refrigerant control device		LEV				
Connectable outdoor unit		R410A,R22 CITY MULTI				
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	3/8 (9.52) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	
	(R22)	in. (mm)	3/8 (9.52) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	
	Gas (R410A)	in. (mm)	5/8 (15.88) Flare	5/8 (15.88) Flare	5/8 (15.88) Flare	
	(R22)	in. (mm)	5/8 (15.88) Flare	3/4 (19.05) Flare	3/4 (19.05) Flare	
Diameter of drain pipe		in. (mm)	1-9/32 (32)	1-9/32 (32)	1-9/32 (32)	
Drawing	External		W277664			
	Wiring		W660134			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual, Installation Book			
	Accessory		Drain hose VP-25(flexible joint)			
Optional parts	Drain pump kit		PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	
	External Heater Adaptor		PAC-YU24HT-F	PAC-YU24HT-F	PAC-YU24HT-F	
	Filter box		PAC-KE80TB-F	PAC-KE140TB-F	PAC-KE140TB-F	
	Long life filter		PAC-KE88LAF	PAC-KE89LAF	PAC-KE89LAF	
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 converter
	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 = m ³ /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.)	*Above specification data is subject to rounding variation.
	Pipe length : 25 ft. (7.6 m)	25 ft. (7.6 m)	
	Level difference : 0 ft. (0 m)	0 ft. (0 m)	
*Due to continuing improvement, above specification may be subject to change without notice.			

Ref.: Spec_PEFY-P30-54NMHU-E

1. SPECIFICATIONS

DATA U1

Model		PEFY-P72NMHU-E	PEFY-P96NMHU-E			
Power source		3-phase 208/230 V 60Hz				
Cooling capacity (Nominal)	*1 BTU / h	72,000	96,000			
	*1 kW	21.1	28.1			
	Power input	kW	1.352/1.495	1.690/1.870		
	Current input	A	4.48/4.94	5.69/6.28		
Heating capacity (Nominal)	*2 BTU / h	80,000	108,000			
	*2 kW	23.4	31.7			
	Power input	kW	1.352/1.495	1.690/1.870		
	Current input	A	4.48/4.94	5.69/6.28		
External finish		Galvanized				
External dimension H x W x D		in.	18-17/32 x 49-7/32 x 44-1/8	18-17/32 x 49-7/32 x 44-1/8		
		mm	470 x 1,250 x 1,120	470 x 1,250 x 1,120		
Net weight		lbs (kg)	221 (100)	221 (100)		
Heat exchanger		Cross fin(Aluminium fin and copper tube)				
FAN	Type x Quantity		Sirocco fan x 2	Sirocco fan x 2		
	External static press	in.WG	0.281-0.642 (208V)	0.281-0.642 (208V)		
		Pa	70-160	70-160		
		in.WG	0.401-0.803 (230V)	0.401-0.803 (230V)		
		Pa	100-200	100-200		
	Motor type		3-phase induction motor			
	Motor output	kW	0.650	0.850		
	Driving mechanism		Direct-driven			
	Airflow rate	cfm	2,048	2,541		
		m3 / min	58.0	72.0		
L / s		967	1,200			
Noise level (measured in anechoic room)	dB <A>	45 (208V)	52 (208V)			
	dB <A>	47 (230V)	54 (230V)			
	dB <A>	-	-			
Insulation material		Polystyrene foam, Polyethylene foam, Urethane foam				
Air filter		Standard filter				
Protection device		Fuse				
Refrigerant control device		LEV				
Connectable outdoor unit		R410A, R22 CITY MULTI				
Diameter of refrigerant pipe (O.D.)	Liquid (R410A) (R22)	in. (mm)	3/8 (9.52) Brazed	3/8 (9.52) Brazed		
			1/2 (12.7) Brazed	1/2 (12.7) Brazed		
	Gas (R410A) (R22)	in. (mm)	3/4 (19.05) Brazed	7/8 (22.2) Brazed		
			1 (25.4) Brazed	1-1/8 (28.58) Brazed		
Diameter of drain pipe		in. (mm)	1-9/32 (32)	1-9/32 (32)		
Drawing	External		W277665			
	Wiring		W660130			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual, Installation Book			
	Accessory		Drain hose VP-25(flexible joint)			
Optional parts	Drain pump kit		PAC-KE04DM-F	PAC-KE04DM-F		
	External Heater Adaptor		PAC-YU24HT-F	PAC-YU24HT-F		
	Filter box		PAC-KE250TB-F	PAC-KE250TB-F		
	Long life filter		PAC-KE85LAF	PAC-KE85LAF		
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 converter
	Indoor : 80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	
	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)	
*Due to continuing improvement, above specification may be subject to change without notice.			*Above specification data is subject to rounding variation.

Ref.: Spec_PEFY-P72-96NMHU-E