PEFY-P-NMLU-E/PEFY-P-NMHU-E

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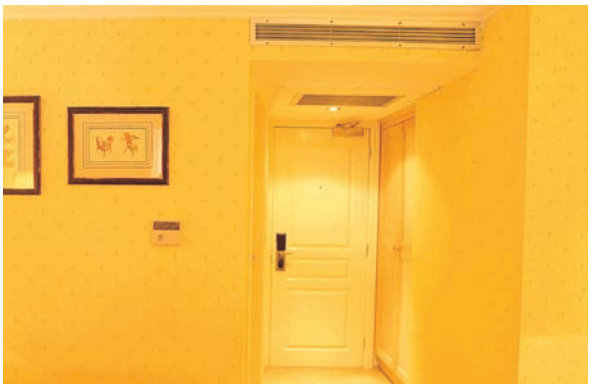
PEFY-P-NMLU-E



PEFY-P-NMHU-E

PEFY-P-NMLU-E
PEFY-P-NMHU-E

Flexible design allows for elegant interior layout

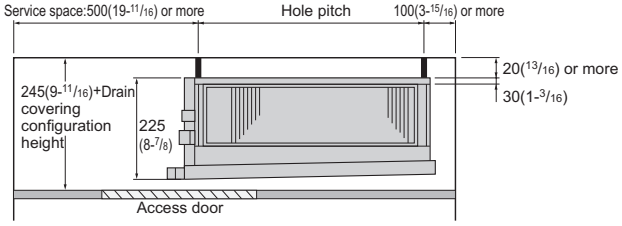




■ Designed to be neither seen nor heard, just to perform

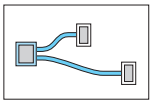
The PEFY models are high-performance, ceiling-concealed indoor units. In fact, if it weren't for the constantly comfortable environment these units deliver, you would not know they were there. The ducted fan coils are designed to be installed above the ceiling, hidden from public view, and they're extremely quiet with lowest sound of 25 dBA. The PEFY are extremely easy to access and maintain according to their application. They open on one side so you can easily access the fan or motor for maintenance. They can be easily customized to your cooling and heating needs. The external static pressure settings are adjustable to meet different application conditions such as the use of a high performance filter.

■ 8-7/8" extremely thin body of PEFY-NMLU-E requires less ceiling space

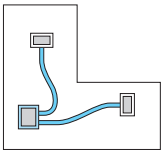


PEFY-P06,08,12NMLU-E Model unit: mm(in.)

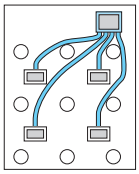
■ The additional external static pressure up to 0.8 in.WG on PEFY-NMHU-E provides flexibility for duct extension, branching, and air outlet configuration.



Long room



L-shaped rooms

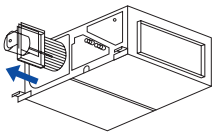


Room with fixed ceiling fixtures

■ For the PEFY-NMLU-E (low profile), flexible inlet design can be set at rear or bottom.

■ Maintain from just one side

For PEFY-P-NMHU-E, all the maintenance work can be done from the side inspection hole.



■ Operation

	Low airflow	Middle airflow	High airflow
PEFY-P06NMLU-E	25 dBA	29 dBA	36 dBA
PEFY-P08NMLU-E	25 dBA	29 dBA	36 dBA
PEFY-P12NMLU-E	25 dBA	29 dBA	40 dBA

* (Details are referred to in the specification sheet.)

Ceiling concealed		P06	P08	P12	P15	P18	P24	P27	P30	P36	P48	P54	P72	P96
		0.8HP	1.0HP	1.3HP	1.6HP	2.0HP	2.5HP	2.8HP	3.2HP	4.0HP	5.0HP	5.6HP	8.0HP	10.0HP
Nominal cooling cap.*1	BTU/h	6,000	8,000	12,000	15,000	18,000	24,000	27,000	30,000	36,000	48,000	54,000	72,000	96,000
Nominal heating cap.*2	BTU/h	6,700	9,000	13,500	17,000	20,000	27,000	30,000	34,000	40,000	54,000	60,000	80,000	108,000
PEFY-P-NMLU-E		●	●	●										
PEFY-P-NMHU-E					●	●	●	●	●	●	●	●	●	●

* Nominal conditions *1, *2 are referred to in the Specification sheet.

1. SPECIFICATIONS

Model			PEFY-P06NMLU-E	PEFY-P08NMLU-E	PEFY-P12NMLU-E	
Power source			1-phase 208/230 V 60Hz			
Cooling capacity *1		BTU / h	6,000	8,000	12,000	
(Nominal) *1		kW	1.8	2.3	3.5	
	Power input	kW	0.072/0.078	0.072/0.078	0.107/0.117	
	Current input	A	0.37/0.40	0.37/0.40	0.54/0.59	
Heating capacity *2		BTU / h	6,700	9,000	13,500	
(Nominal) *2		kW	2.0	2.6	4.0	
	Power input	kW	0.072/0.078	0.072/0.078	0.107/0.117	
	Current input	A	0.37/0.40	0.37/0.40	0.54/0.59	
External finish			Galvanized			
External dimension H x W x D		in.	8-7/8 x 31-1/8 x 21-21/32	8-7/8 x 31-1/8 x 21-21/32	8-7/8 x 31-1/8 x 21-21/32	
		mm	225 x 790 x 550	225 x 790 x 550	225 x 790 x 550	
Net weight		lbs (kg)	40 (18)	40 (18)	40 (18)	
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	
	External	in.WG	0.020 (208V)	0.020 (208V)	0.020 (208V)	
	static pressure	Pa	5	5	5	
		in.WG	0.020 (230V)	0.020 (230V)	0.020 (230V)	
		Pa	5	5	5	
	Motor type		1-phase induction motor			
	Motor output	kW	0.023	0.023	0.032	
	Driving mechanism		Direct-driven			
	Airflow rate	cfm	169-205-279	169-205-279	169-205-335	
	(Low-Mid-High)	m3 / min	4.8-5.8-7.9	4.8-5.8-7.9	4.8-5.8-9.5	
		L / s	80-97-132	80-97-132	80-97-158	
Sound Pressure level (Low-Mid-High)		dB <A>	25-29-36 (208V)	25-29-36 (208V)	25-29-40 (208V)	
(measured in anechoic room)		dB <A>	25-29-36 (230V)	25-29-36 (230V)	25-29-40 (230V)	
Insulation material			Polystyrene foam,Polyethylene foam,Urethane foam			
Air filter			Standard filter			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A,R22 CITY MULTI	
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	1/4 (6.35) Brazed	1/4 (6.35) Brazed	1/4 (6.35) Brazed	
	(R22)		-	-	1/4 (6.35) Brazed	
	Gas (R410A)	in. (mm)	1/2 (12.7) Brazed	1/2 (12.7) Brazed	1/2 (12.7) Brazed	
	(R22)		-	-	1/2 (12.7) Brazed	
Field drain pipe size		in. (mm)	O.D. 1-11/32 (34)	O.D. 1-11/32 (34)	O.D. 1-11/32 (34)	
Drawing	External		W660124			
	Wiring		W660129			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual,Installation Book			
	Accessory					
Optional parts	External Heater Adaptor		PAC-YU24HT-F	PAC-YU24HT-F	PAC-YU24HT-F	
	Long life filter		PAC-KE32LAF-F	PAC-KE32LAF-F	PAC-KE32LAF-F	
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.			

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Note :	*1 Nominal cooling conditions	*2 Nominal heating conditions
Indoor :	80degF D.B. / 67degF W.B.	70degF D.B.
	(26.7degC D.B. / 19.4degC W.B.)	(21.1degC D.B.)
Outdoor :	95degF D.B.	47degF D.B. / 43degF W.B.
	(35degC D.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.

Unit converter
kcal/h = kW x 860
BTU/h = kW x 3,412
cfm = m3/min x 35.31
lbs = kg / 0.4536
*Above specification data is subject to rounding variation.

Ref.: Spec_PEFY-P06-12NMLU-E

1. SPECIFICATIONS

Model			PEFY-P15NMHU-E	PEFY-P18NMHU-E	PEFY-P24NMHU-E	PEFY-P27NMHU-E
Power source			1-phase 208/230 V 60Hz			
Cooling capacity	*1	BTU / h	15,000	18,000	24,000	27,000
(Nominal)	*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	0.96/1.06	1.25/1.38	1.37/1.51
Heating capacity	*2	BTU / h	17,000	20,000	27,000	30,000
(Nominal)	*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	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)	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 pressure	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	cfm	353-494	353-494	477-671	547-777
	(Low-High)	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
Sound Pressure Level (Low-High)		dB <A>	25-32 (208V)	25-32 (208V)	29-36 (208V)	30-38 (208V)
(measured in anechoic room)		dB <A>	34-39 (230V)	34-39 (230V)	36-41 (230V)	35-41 (230V)
Insulation material			Polystyrene foam,Polyethylene foam,Urethane foam			
Air filter			See Optional parts			
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	1/4 (6.35) Flare 3/8 (9.52) Flare	3/8 (9.52) 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	1/2 (12.7) Flare 5/8 (15.88) Flare	5/8 (15.88) Flare 5/8 (15.88) Flare	5/8 (15.88) Flare 5/8 (15.88) Flare
Field drain pipe size		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		W277664			
	Wiring		W660134			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual,Installation Book			
	Accessory		Drain hose I.D. 1-1/4inch (32mm)(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.			

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Note :	*1 Nominal cooling conditions	*2 Nominal heating conditions
Indoor :	80degF D.B. / 67degF W.B.	70degF D.B.
	(26.7degC D.B. / 19.4degC W.B.)	(21.1degC D.B.)
Outdoor :	95degF D.B.	47degF D.B. / 43degF W.B.
	(35degC D.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.

Unit converter
kcal/h = kW x 860
BTU/h = kW x 3,412
cfm = m3/min x 35.31
lbs = kg / 0.4536
*Above specification data is subject to rounding variation.

Ref.: Spec_PEFY-P15-27NMHU-E

1. SPECIFICATIONS

Model			PEFY-P30NMHU-E	PEFY-P36NMHU-E	PEFY-P48NMHU-E	PEFY-P54NMHU-E
Power source			1-phase 208/230 V 60Hz			
Cooling capacity *1		BTU / h	30,000	36,000	48,000	54,000
(Nominal) *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 *2		BTU / h	34,000	40,000	54,000	60,000
(Nominal) *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	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	380 x 1,200 x 900
Net weight		lbs (kg)	111 (50)	155 (70)	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	Sirocco fan x 2
	External static pressure	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	0.230	0.400	0.400	0.400
	Driving mechanism		Direct-driven			
	Airflow rate (Low-High)	cfm	636-883	936-1,342	936-1,342	989-1,412
		m3 / min	18.0-25.0	26.5-38.0	26.5-38.0	28.0-40.0
		L / s	300-417	442-633	442-633	467-667
Sound Pressure Level (Low-High)		dB <A>	33-40 (208V)	31-41 (208V)	31-41 (208V)	31-41 (208V)
(measured in anechoic room)		dB <A>	38-43 (230V)	38-44 (230V)	38-44 (230V)	38-44 (230V)
Insulation material			Polystyrene foam,Polyethylene foam,Urethane foam			
Air filter			See Optional parts			
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) Flare 3/8 (9.52) Flare	3/8 (9.52) Flare 3/8 (9.52) Flare	3/8 (9.52) Flare 3/8 (9.52) Flare	3/8 (9.52) Flare 3/8 (9.52) Flare
	Gas (R410A) (R22)	in. (mm)	5/8 (15.88) Flare 5/8 (15.88) Flare	5/8 (15.88) Flare 3/4 (19.05) Flare	5/8 (15.88) Flare 3/4 (19.05) Flare	5/8 (15.88) Flare 3/4 (19.05) Flare
Field drain pipe size		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		W277664			
	Wiring		W660134			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual,Installation Book			
	Accessory		Drain hose I.D. 1-1/4inch (32mm)(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-KE80TB-F	PAC-KE140TB-F	PAC-KE140TB-F	PAC-KE140TB-F
	Long life filter		PAC-KE88LAF	PAC-KE89LAF	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.			

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Note :	*1 Nominal cooling conditions	*2 Nominal heating conditions
Indoor :	80degF D.B. / 67degF W.B.	70degF D.B.
	(26.7degC D.B. / 19.4degC W.B.)	(21.1degC D.B.)
Outdoor :	95degF D.B.	47degF D.B. / 43degF W.B.
	(35degC D.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.

Unit converter
kcal/h = kW x 860
BTU/h = kW x 3,412
cfm = m3/min x 35.31
lbs = kg / 0.4536
*Above specification data is subject to rounding variation.

Ref.: Spec_PEFY-P30-54NMHU-E

1. SPECIFICATIONS

Model			PEFY-P72NMHU-E	PEFY-P96NMHU-E		
Power source			3-phase 208/230 V 60Hz			
Cooling capacity *1		BTU / h	72,000	96,000		
(Nominal) *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 *2		BTU / h	80,000	108,000		
(Nominal) *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 pressure	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		
Sound Pressure Level (Low-High)		dB <A>	45 (208V)	52 (208V)		
(measured in anechoic room)		dB <A>	47 (230V)	54 (230V)		
Insulation material			Polystyrene foam,Polyethylene foam,Urethane foam			
Air filter			See Optional parts			
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 1/2 (12.7) Brazed	3/8 (9.52) Brazed 1/2 (12.7) Brazed		
	Gas (R410A) (R22)	in. (mm)	3/4 (19.05) Brazed 1 (25.4) Brazed	7/8 (22.2) Brazed 1-1/8 (28.58) Brazed		
Field drain pipe size		in. (mm)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)		
Drawing	External		W277665			
	Wiring		W660130			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual,Installation Book			
	Accessory		Drain hose I.D. 1-1/4inch (32mm)(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.			

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Note :	*1 Nominal cooling conditions	*2 Nominal heating conditions
Indoor :	80degF D.B. / 67degF W.B.	70degF D.B.
	(26.7degC D.B. / 19.4degC W.B.)	(21.1degC D.B.)
Outdoor :	95degF D.B.	47degF D.B. / 43degF W.B.
	(35degC D.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.

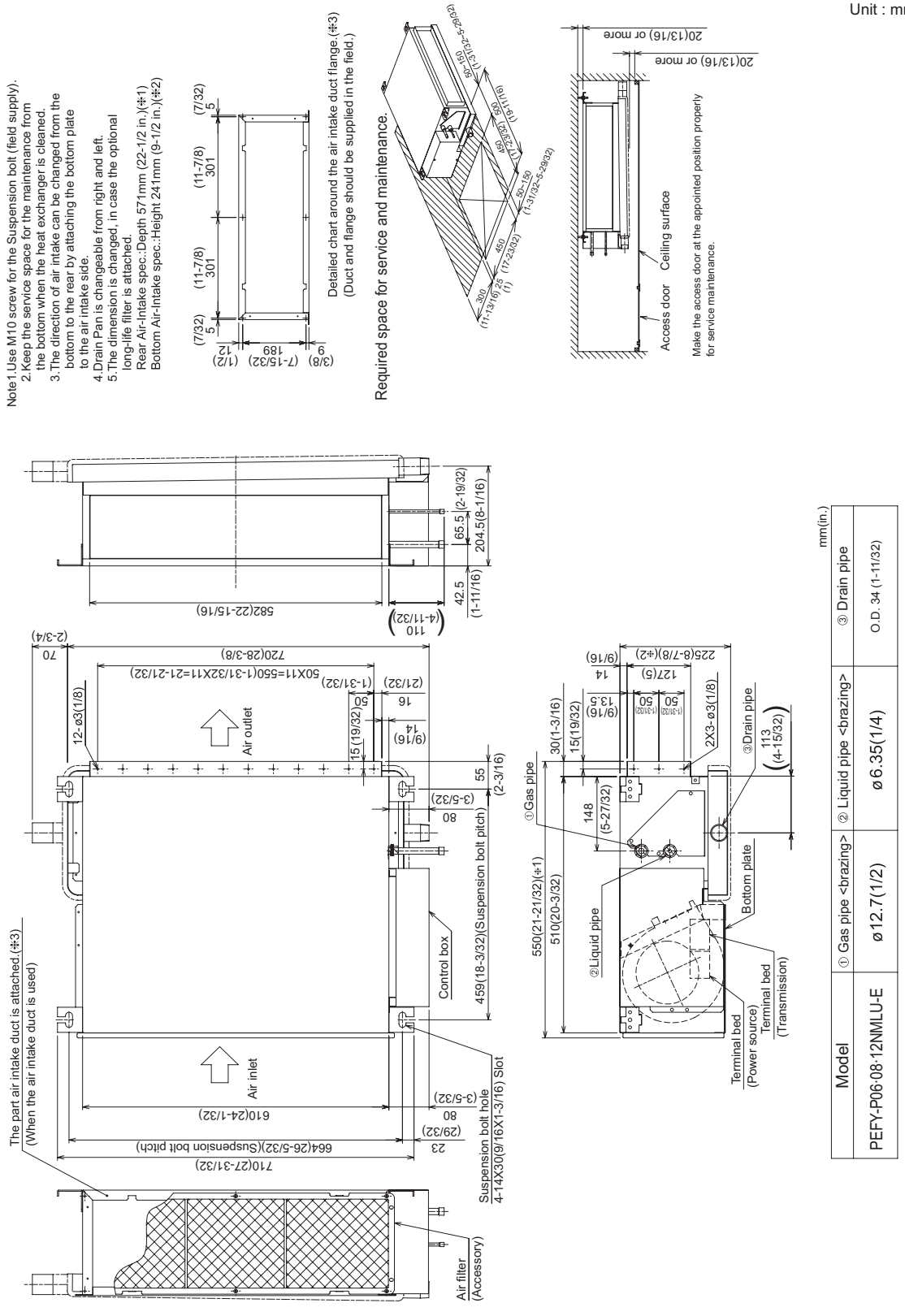
Unit converter
kcal/h = kW x 860
BTU/h = kW x 3,412
cfm = m3/min x 35.31
lbs = kg / 0.4536
*Above specification data is subject to rounding variation.

Ref.: Spec_PEFY-P72-96NMHU-E

2. EXTERNAL DIMENSIONS

PEFY-P06,08,12NMLU-E

Drw. : IU-W660124
Unit : mm(in)



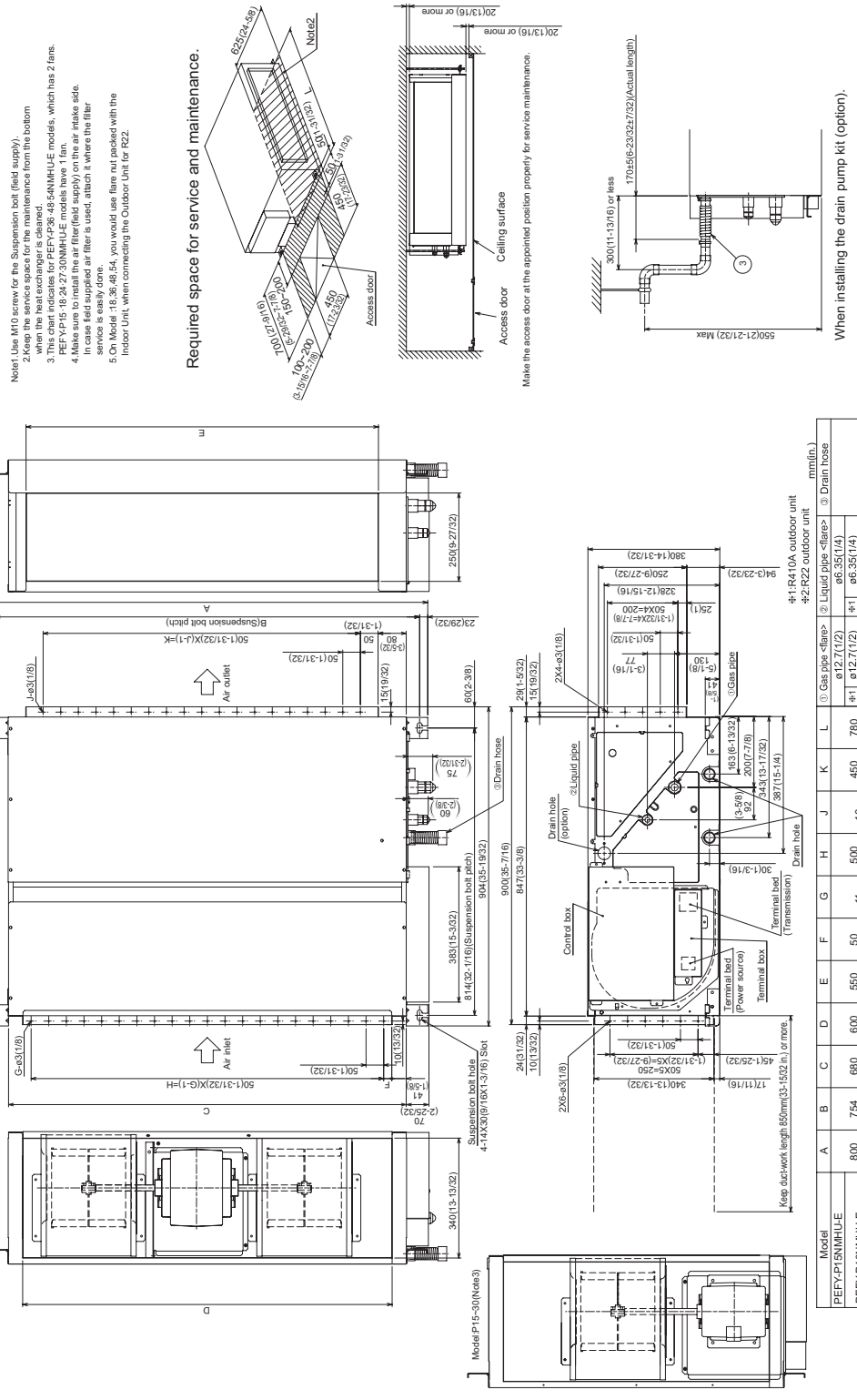
mm(in.)

Model	① Gas pipe <brazing>	② Liquid pipe <brazing>	③ Drain pipe
PEFY-P06·08·12NMLU-E	ø12.7(1/2)	ø6.35(1/4)	O.D. 34 (1-11/32)

2. EXTERNAL DIMENSIONS

PEFY-P15,18,24,27,30,36,48,54NMHU-E

Drw. : IU-W277664
Unit : mm(in)



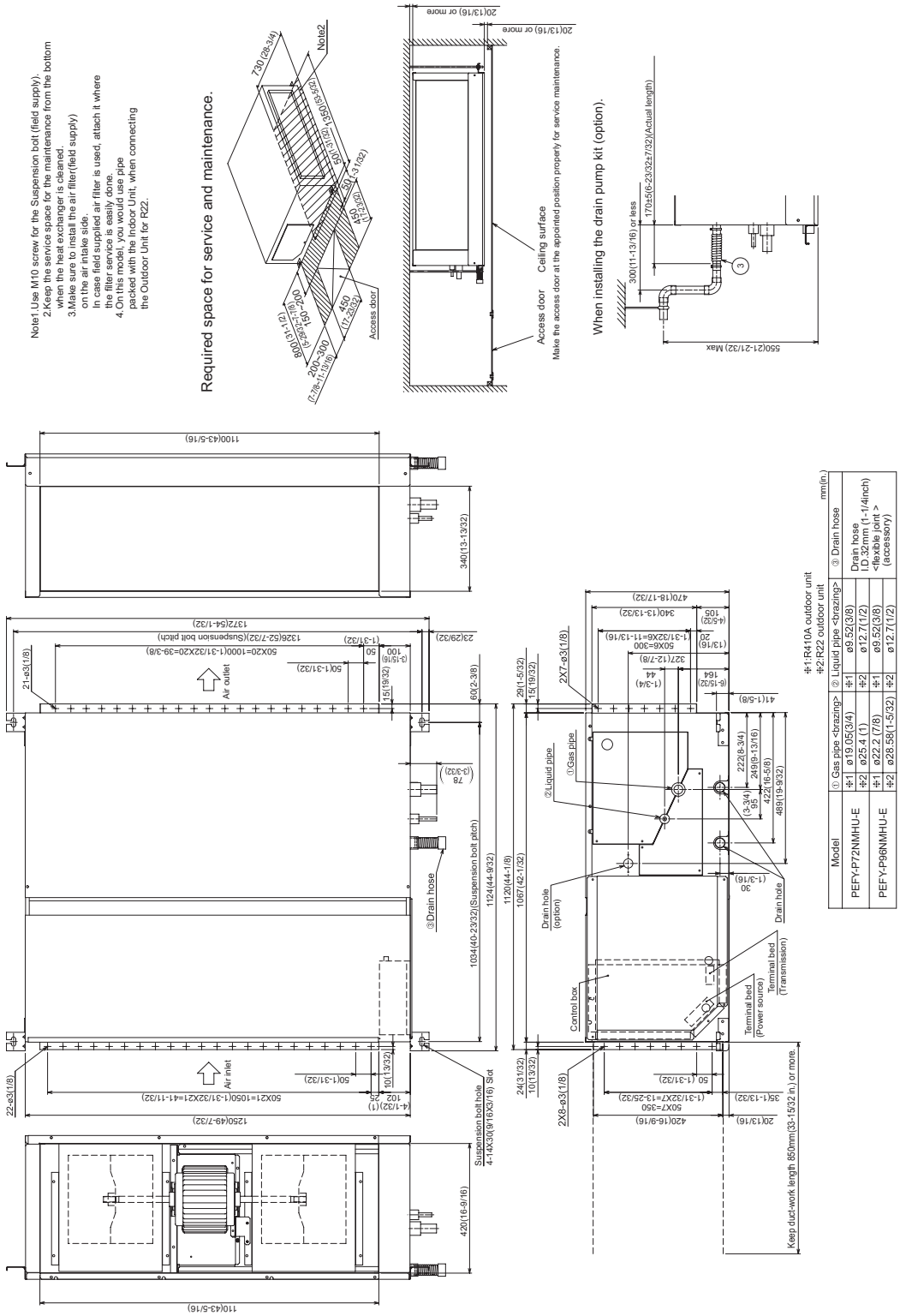
Model	A	B	C	D	E	F	G	H	J	K	L	① Gas pipe <flare>		② Liquid pipe <flare>		③ Drain hose
PEFY-P15NMHU-E	800 (31-1/2)	754 (29-11/16)	680 (26-25/32)	600 (23-5/8)	550 (21-21/32)	50 (1-31/32)	11	500 (19-11/16)	10	450 (17-23/32)	780 (30-23/32)	ø12.7(1/2)	※1	ø6.35(1/4)	※1	Drain hose I.D.32mm (1-1/4inch) <flexible joint> (accessory)
PEFY-P18NMHU-E												ø12.7(1/2)	※1	ø6.35(1/4)	※1	
												ø15.88(5/8)	※2	ø9.52(3/8)	※2	
PEFY-P24NMHU-E	1050 (41-11/32)	1004 (39-17/32)	930 (36-5/8)	850 (33-1/2)	800 (31-1/2)	25 (1)	17	800 (31-1/2)	15	700 (27-9/16)	1030 (40-9/16)	ø15.88(5/8)		ø9.52(3/8)		
PEFY-P27·30NMHU-E														ø9.52(3/8)		
PEFY-P36 ·48 ·54NMHU-E	1250 (49-7/32)	1204 (47-13/32)	1130 (44-1/2)	1050 (41-11/32)	1000 (39-3/8)	25 (1)	21	1000 (39-3/8)	19	900 (35-7/16)	1230 (48-7/16)	ø15.88(5/8)	※1	ø9.52(3/8)	※1	
												ø19.05(3/4)	※2	ø9.52(3/8)	※2	

※1:R410A outdoor unit
※2:R22 outdoor unit
mm(in.)

2. EXTERNAL DIMENSIONS

PEFY-P72,96NMHU-E

Drw. : IU-W277665
Unit : mm(in)



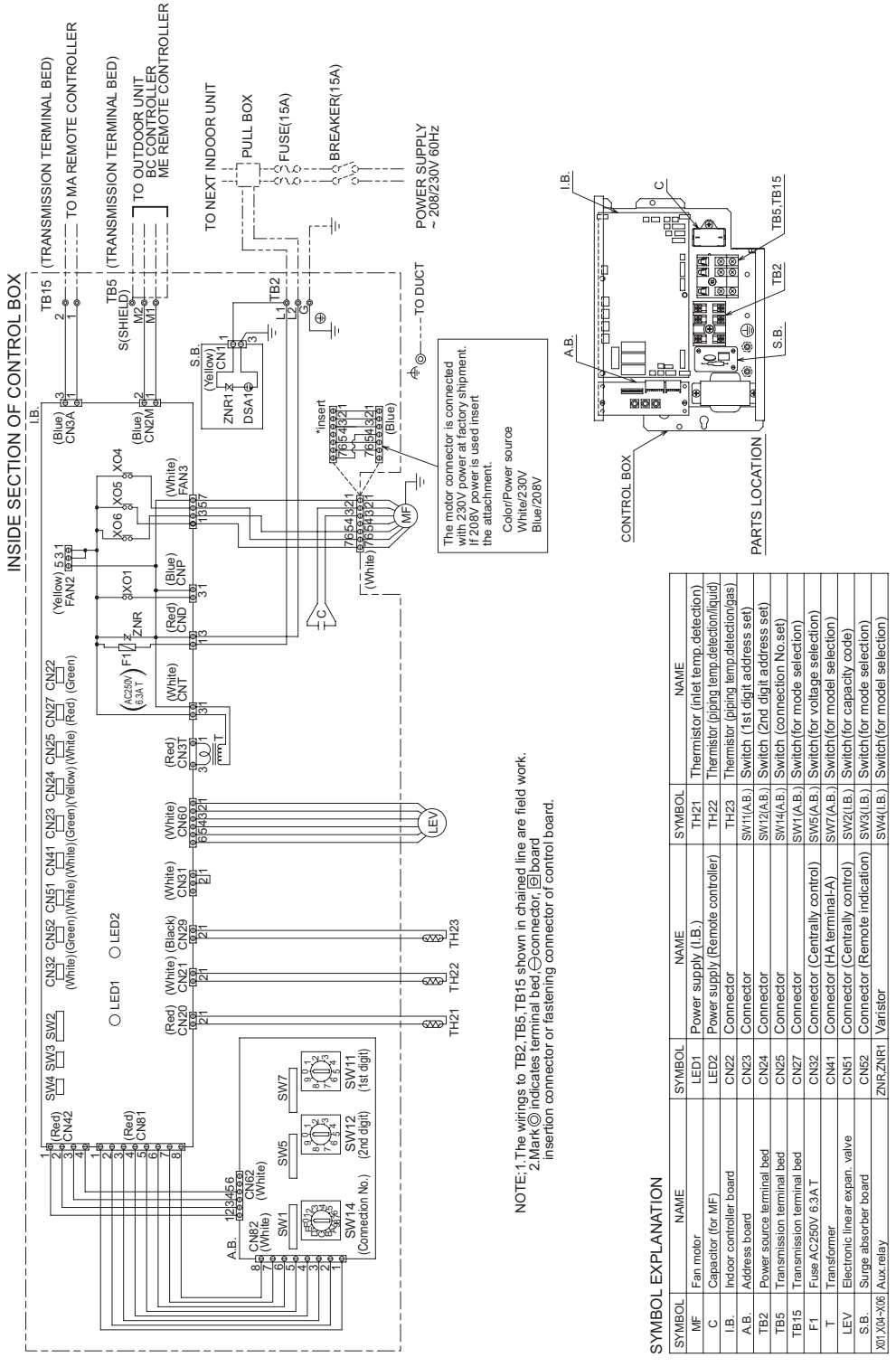
#1:R410A outdoor unit
#2:R22 outdoor unit

mm(in.)

Model		① Gas pipe <brazing>	② Liquid pipe <brazing>	③ Drain hose
PEFY-P72NMHU-E	※1	ø19.05(3/4)	ø9.52(3/8)	Drain hose I.D.32mm (1-1/4inch) <flexible joint > (accessory)
	※2	ø25.4 (1)	ø12.7(1/2)	
PEFY-P96NMHU-E	※1	ø22.2 (7/8)	ø9.52(3/8)	
	※2	ø28.58(1-5/32)	ø12.7(1/2)	

PEFY-P06,08,12NMLU-E

Drw. : IU-W660129

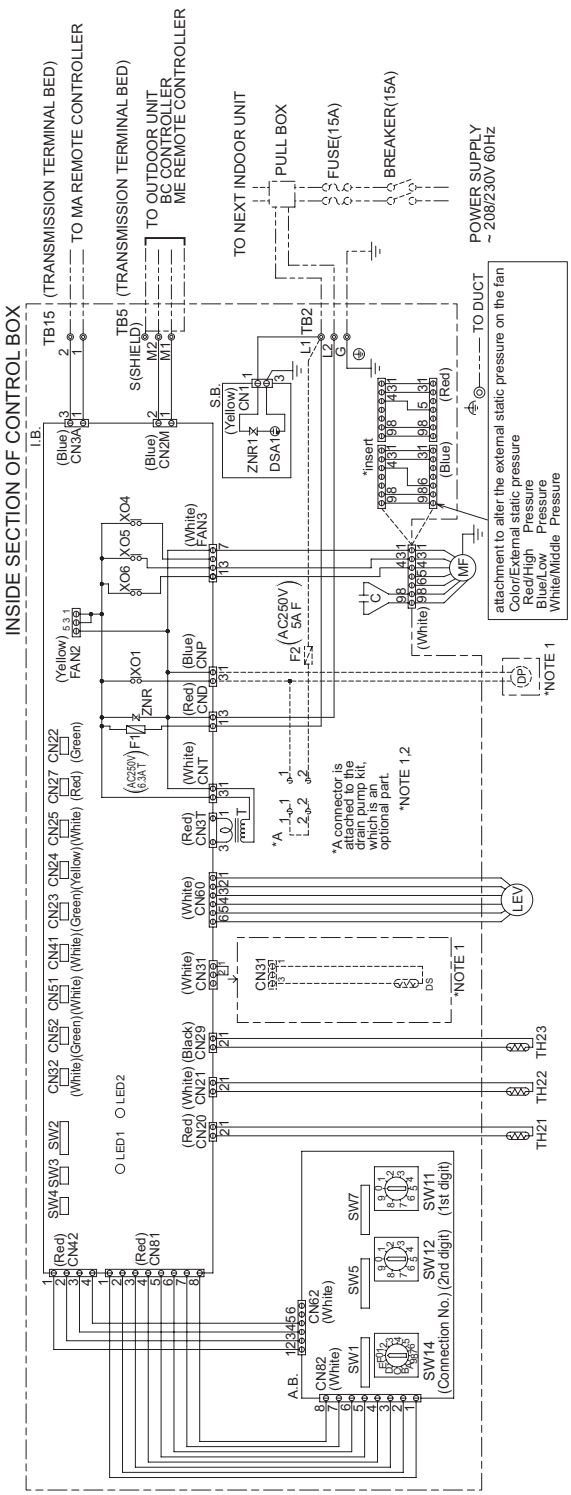


SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
MF	Fan motor	LED1	Power supply (I.B.)	TH21	Thermistor (inlet temp.detection)
C	Capacitor (for MF)	LED2	Power supply (Remote controller)	TH22	Thermistor (piping temp.detection/liquid)
I.B.	Indoor controller board	CN22	Connector	TH23	Thermistor (piping temp.detection/gas)
A.B.	Address board	CN23	Connector	SW11(A.B.)	Switch (1st digit address set)
TB2	Power source terminal bed	CN24	Connector	SW12(A.B.)	Switch (2nd digit address set)
TB5	Transmission terminal bed	CN25	Connector	SW14(A.B.)	Switch (connection No.set)
TB15	Transmission terminal bed	CN27	Connector	SW1(A.B.)	Switch(for mode selection)
F1	Fuse AC250V 6.3A T	CN32	Connector (Centrally control)	SW5(A.B.)	Switch(for voltage selection)
T	Transformer	CN41	Connector (HA terminal-A)	SW7(A.B.)	Switch(for model selection)
LEV	Electronic linear expan. valve	CN51	Connector (Centrally control)	SW2(I.B.)	Switch(for capacity code)
S.B.	Surge absorber board	CN52	Connector (Remote indication)	SW3(I.B.)	Switch(for mode selection)
X01,X04~X06	Aux.relay	ZNR,ZNR1	Varistor	SW4(I.B.)	Switch(for model selection)

PEFY-P15,18,24,27,30,36,48,54NMHU-E

Drw. : IU-W660134



NOTE:1.The part of the broken line indicates the circuit for optional parts.
2.*A in the chart is the connector for a drain pump test run operation.
(The Drain Pump operates continuously if the connector is inserted and the power is supplied.)
After the test run, make sure to remove the *A connector.
3.The wirings to TB2,TB5,TB15 shown in chained line are field work.
4.Mark ◎ indicates terminal bed, ⊖ connector, ⊟ board insertion connector or fastening connector of control board.

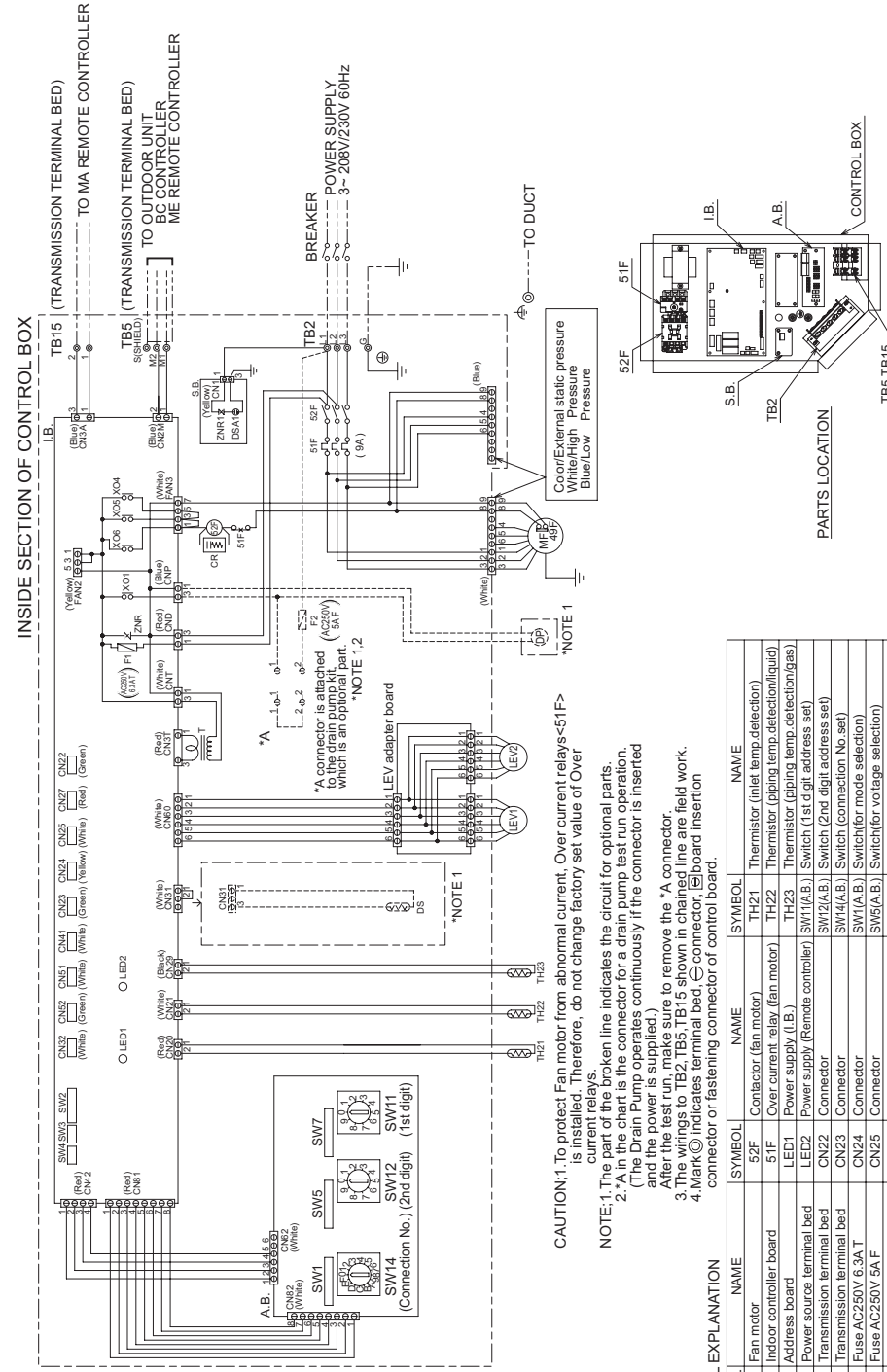
SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
MF	Fan motor	<DS>	Drain sensor	TH21	Thermistor (inlet temp.detection)
C	Capacitor (for MF)	S.B.	Surge absorber board	TH22	Thermistor (piping temp. detection/liquid)
I.B.	Indoor controller board	LED1	Power supply (I.B.)	TH23	Thermistor (piping temp.detection/gas)
A.B.	Address board	LED2	Power supply (Remote controller)	SW11(A.B.)	Switch (1st digit address set)
TB2	Power source terminal bed	CN22	Connector	SW12(A.B.)	Switch (2nd digit address set)
TB5	Transmission terminal bed	CN23	Connector	SW14(A.B.)	Switch (connection No.set)
TB15	Transmission terminal bed	CN24	Connector	SW1(A.B.)	Switch(for mode selection)
F1	Fuse AC250V 6.3A T	CN25	Connector	SW5(A.B.)	Switch(for voltage selection)
<F2>	Fuse AC250V 5A F	CN27	Connector	SW7(A.B.)	Switch(for model selection)
T	Transformer	CN32	Connector (Centrally control)	SW2(I.B.)	Switch(for capacity code)
<DP>	Drain pump	CN41	Connector (HA terminal-A)	SW3(I.B.)	Switch(for mode selection)
LEV	Electronic linear expan.valve	CN51	Connector (Centrally control)	SW4(I.B.)	Switch(for model selection)
ZNR,ZNR1	Varistor	CN52	Connector (Remote indication)	X01,X04~X06	Aux.relay

Inside < > is the optional parts.

PEFY-P72,96NMHU-E

Drw. : IU-W660130



SYMBOL EXPLANATION

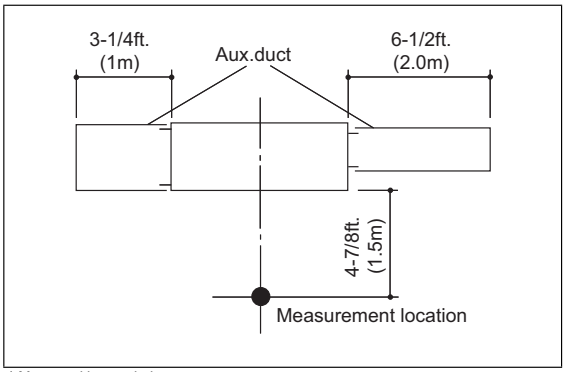
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
MF	Fan motor	52F	Contactor (fan motor)	TH21	Thermistor (inlet temp.detection)
I.B.	Indoor controller board	51F	Over current relay (fan motor)	TH22	Thermistor (piping temp.detection/liquid)
A.B.	Address board	LED1	Power supply (I.B.)	TH23	Thermistor (piping temp.detection/gas)
TB2	Power source terminal bed	LED2	Power supply (Remote controller)	SW11(A.B.)	Switch (1st digit address set)
TB5	Transmission terminal bed	CN22	Connector	SW12(A.B.)	Switch (2nd digit address set)
TB15	Transmission terminal bed	CN23	Connector	SW14(A.B.)	Switch (connection No.set)
F1	Fuse AC250V 6.3A T	CN24	Connector	SW1(A.B.)	Switch(for mode selection)
<F2>	Fuse AC250V 5A F	CN25	Connector	SW5(A.B.)	Switch(for voltage selection)
T	Transformer	CN27	Connector	SW7(A.B.)	Switch(for model selection)
<DP>	Drain pump	CN32	Connector (Centrally control)	SW2(I.B.)	Switch(for capacity code)
LEV1,LEV2	Electronic linear expan.valve	CN41	Connector (HA terminal-A)	SW3(I.B.)	Switch(for mode selection)
<DS>	Drain sensor	CN51	Connector (Centrally control)	SW4(I.B.)	Switch(for model selection)
S.B.	Surge absorber board	CN52	Connector (Remote indication)	X01,X04~X06	Aux.relay
ZNR,ZNR1	Varistor			49F	Inner thermostat

Inside < > is the optional parts.

4. SOUND PRESSURE LEVELS

4-1. Sound Pressure Levels*

PEFY-P-NMLU, NMHU-E



* Measured in anechoic room

Operating sound pressure levels

(Low - Middle - High) Unit : dB (A)

Model		Sound pressure level (A weighted)
PEFY-P06,P08NMLU-E	208V	25 - 29 - 36
	230V	25 - 29 - 36
PEFY-P12NMLU-E	208V	25 - 29 - 40
	230V	25 - 29 - 40

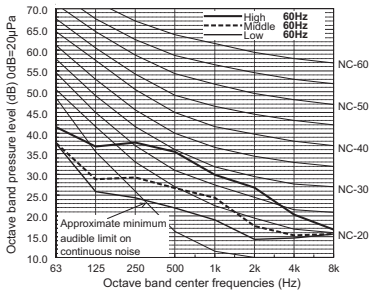
((Low) - High) Unit : dB (A)

Model		Sound pressure level (A weighted)
PEFY-P15,P18NMHU-E	208V	25 - 32
	230V	34 - 39
PEFY-P24NMHU-E	208V	29 - 36
	230V	36 - 41
PEFY-P27NMHU-E	208V	30 - 38
	230V	35 - 41
PEFY-P30NMHU-E	208V	33 - 40
	230V	38 - 43
PEFY-P36,P48,P54NMHU-E	208V	31 - 41
	230V	38 - 44
PEFY-P72NMHU-E	208V	45
	230V	47
PEFY-P96NMHU-E	208V	52
	230V	54

4-2. NC Curves*

PEFY-P06,08NMLU-E

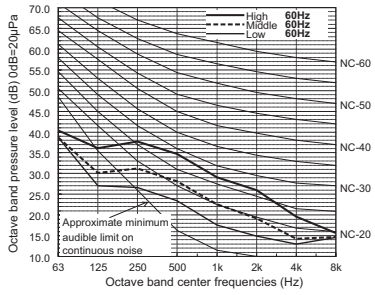
External Static Pressure: 5Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P06,08NMLU-E_WYN B0-4422-1

PEFY-P06,08NMLU-E

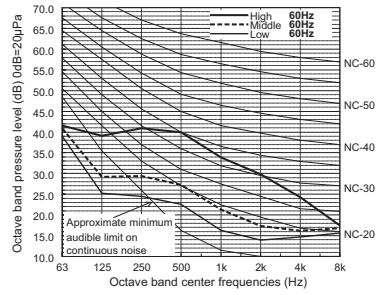
External Static Pressure: 5Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P06,08NMLU-E_WYN B0-4422-2

PEFY-P12NMLU-E

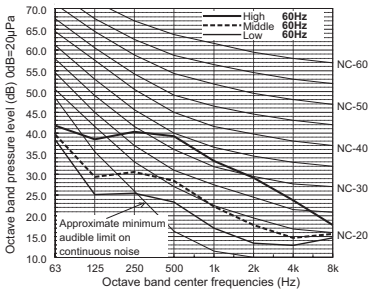
External Static Pressure: 5Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P12NMLU-E_WYN B0-4429-1

PEFY-P12NMLU-E

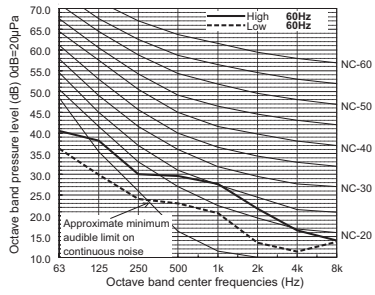
External Static Pressure: 5Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P12NMLU-E_WYN B0-4429-2

PEFY-P15NMHU-E

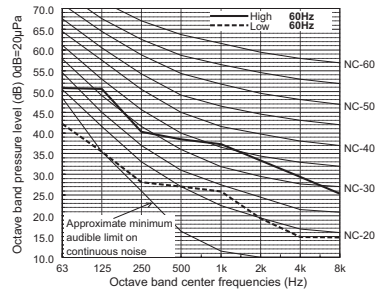
External Static Pressure: 50Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P15NMHU-E_WYN B0-4423-2

PEFY-P15NMHU-E

External Static Pressure: 160Pa
Power Source: 208V 60Hz

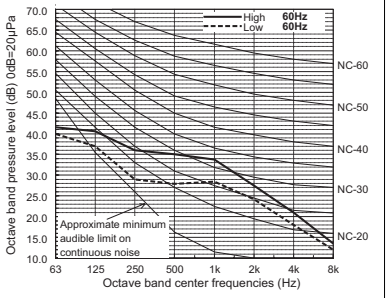


Ref.:NC_PEFY-P15NMHU-E_WYN B0-4423-1

*** For Sound Pressure Levels and NC Curves at Inlet and Discharge Areas, visit www.mr.slim.com and search for "PEFY-NMHU-E" under Customer Resources-Library.**

PEFY-P15NMHU-E

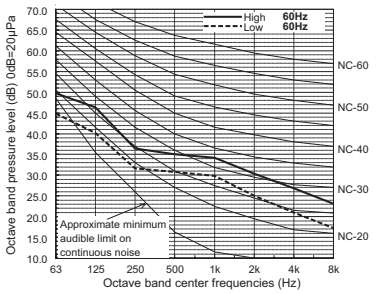
External Static Pressure: 100Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P15NMHU-E_WYN B0-4423-5

PEFY-P15NMHU-E

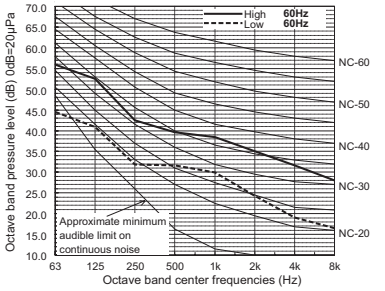
External Static Pressure: 150Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P15NMHU-E_WYN B0-4423-4

PEFY-P15NMHU-E

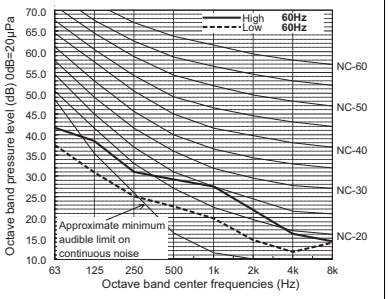
External Static Pressure: 200Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P15NMHU-E_WYN B0-4423-3

PEFY-P18NMHU-E

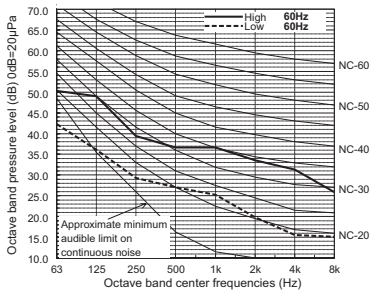
External Static Pressure: 50Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P18NMHU-E_WYN B0-4424-2

PEFY-P18NMHU-E

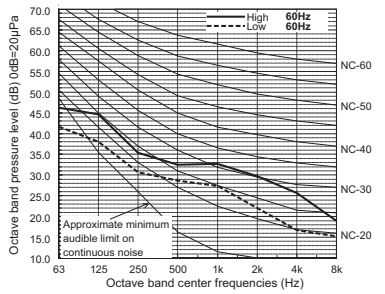
External Static Pressure: 160Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P18NMHU-E_WYN B0-4424-1

PEFY-P18NMHU-E

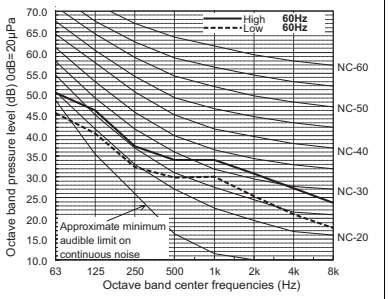
External Static Pressure: 100Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P18NMHU-E_WYN B0-4424-5

PEFY-P18NMHU-E

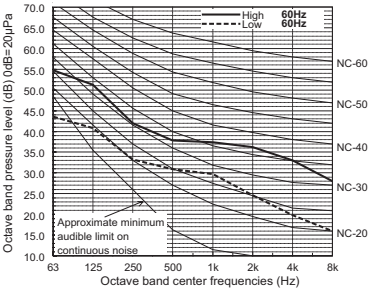
External Static Pressure: 150Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P18NMHU-E_WYN B0-4424-4

PEFY-P18NMHU-E

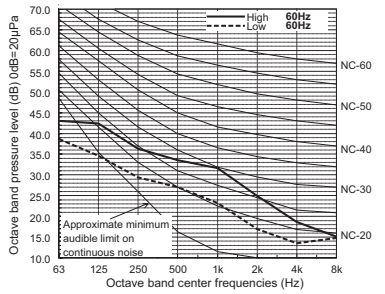
External Static Pressure: 200Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P18NMHU-E_WYN B0-4424-3

PEFY-P24NMHU-E

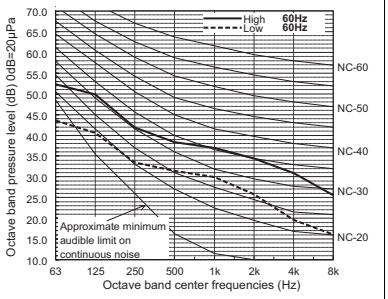
External Static Pressure: 50Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P24NMHU-E_WYN B0-4425-2

PEFY-P24NMHU-E

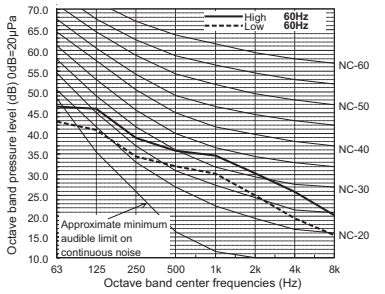
External Static Pressure: 160Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P24NMHU-E_WYN B0-4425-1

PEFY-P24NMHU-E

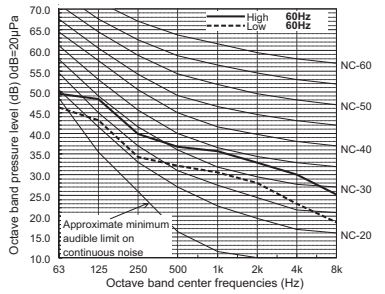
External Static Pressure: 100Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P24NMHU-E_WYN B0-4425-5

PEFY-P24NMHU-E

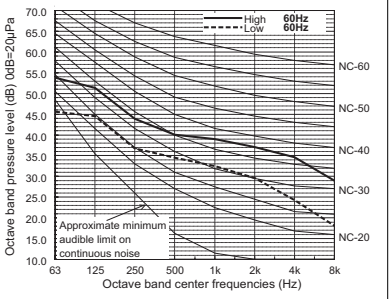
External Static Pressure: 150Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P24NMHU-E_WYN B0-4425-4

PEFY-P24NMHU-E

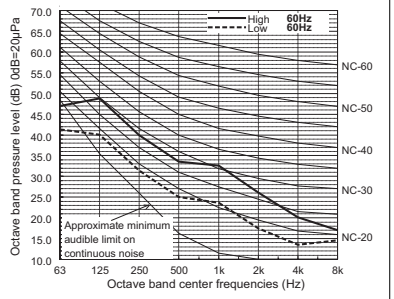
External Static Pressure: 200Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P24NMHU-E_WYN B0-4425-3

PEFY-P27NMHU-E

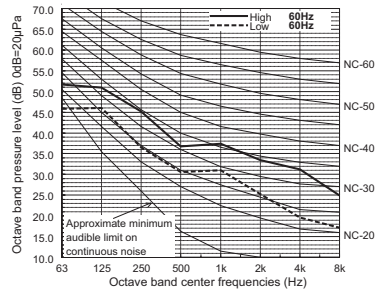
External Static Pressure: 50Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P27NMHU-E_WYN B0-4426-2

PEFY-P27NMHU-E

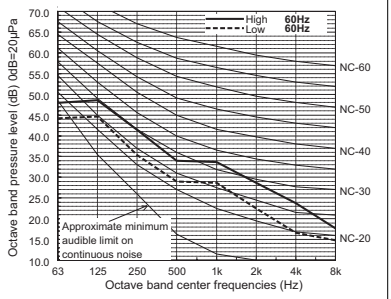
External Static Pressure: 160Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P27NMHU-E_WYN B0-4426-1

PEFY-P27NMHU-E

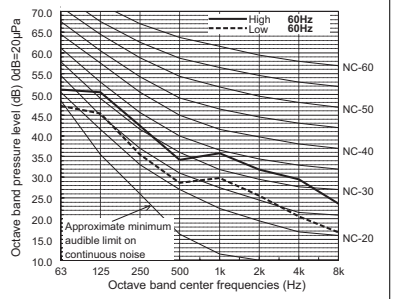
External Static Pressure: 100Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P27NMHU-E_WYN B0-4426-5

PEFY-P27NMHU-E

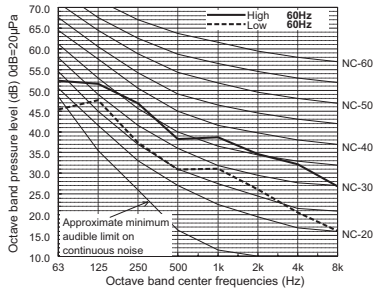
External Static Pressure: 150Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P27NMHU-E_WYN B0-4426-4

PEFY-P27NMHU-E

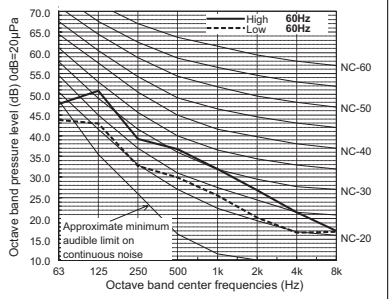
External Static Pressure: 200Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P27NMHU-E_WYN B0-4426-3

PEFY-P30NMHU-E

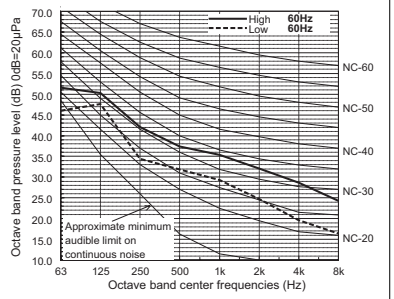
External Static Pressure: 50Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P30NMHU-E_WYN B0-4427-2

PEFY-P30NMHU-E

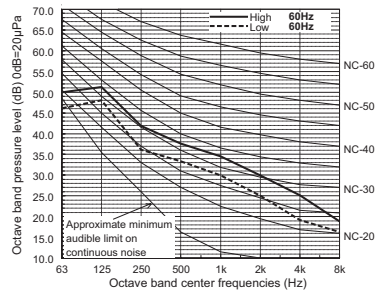
External Static Pressure: 160Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P30NMHU-E_WYN B0-4427-1

PEFY-P30NMHU-E

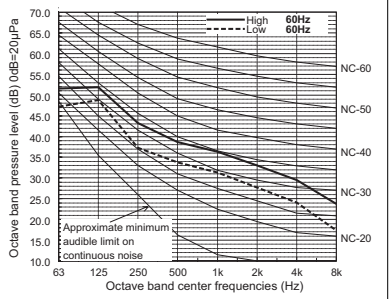
External Static Pressure: 100Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P30NMHU-E_WYN B0-4427-5

PEFY-P30NMHU-E

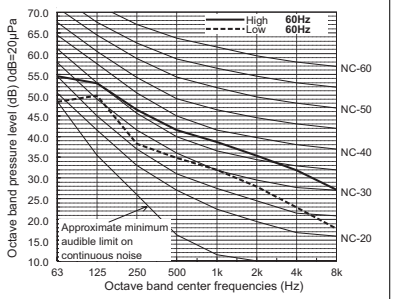
External Static Pressure: 150Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P30NMHU-E_WYN B0-4427-4

PEFY-P30NMHU-E

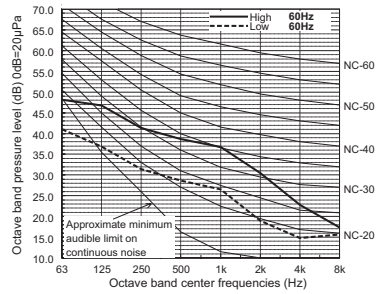
External Static Pressure: 200Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P30NMHU-E_WYN B0-4427-3

PEFY-P36,48,54NMHU-E

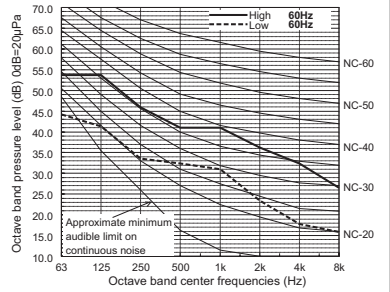
External Static Pressure: 50Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P36,48,54NMHU-E_WYN B0-4428-2

PEFY-P36,48,54NMHU-E

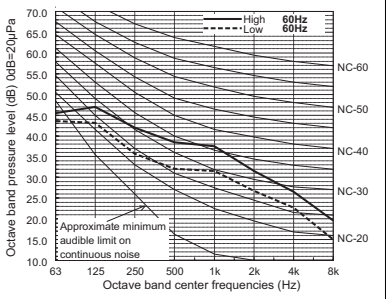
External Static Pressure: 160Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P36,48,54NMHU-E_WYN B0-4428-1

PEFY-P36,48,54NMHU-E

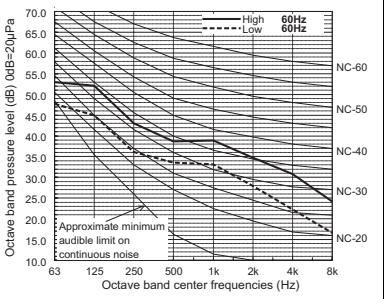
External Static Pressure: 100Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P36,48,54NMHU-E_WYN B0-4428-5

PEFY-P36,48,54NMHU-E

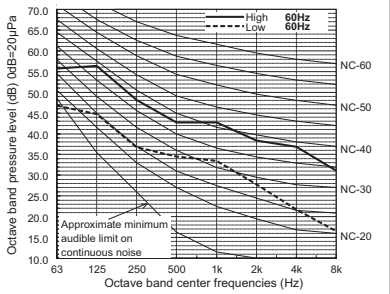
External Static Pressure: 150Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P36,48,54NMHU-E_WYN B0-4428-4

PEFY-P36,48,54NMHU-E

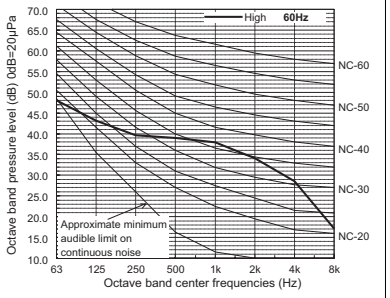
External Static Pressure: 200Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P36,48,54NMHU-E_WYN B0-4428-3

PEFY-P72NMHU-E

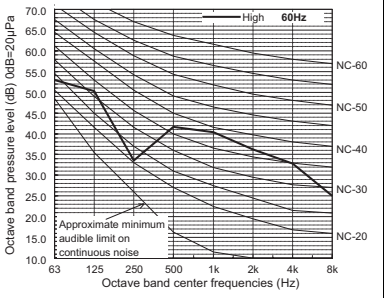
External Static Pressure: 70Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P72NMHU-E_WYN B0-4441-2

PEFY-P72NMHU-E

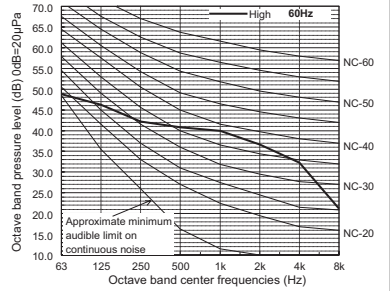
External Static Pressure: 160Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P72NMHU-E_WYN B0-4441-1

PEFY-P72NMHU-E

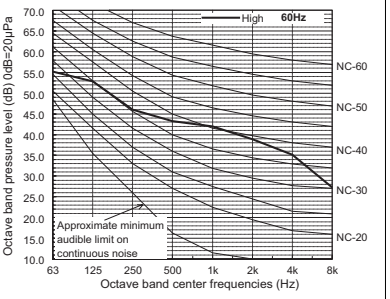
External Static Pressure: 100Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P72NMHU-E_WYN B0-4441-4

PEFY-P72NMHU-E

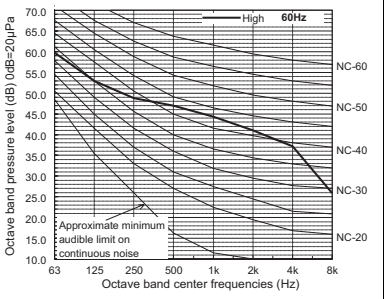
External Static Pressure: 200Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P72NMHU-E_WYN B0-4441-3

PEFY-P96NMHU-E

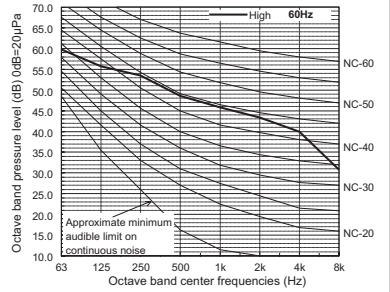
External Static Pressure: 70Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P96NMHU-E_WYN B0-4442-2

PEFY-P96NMHU-E

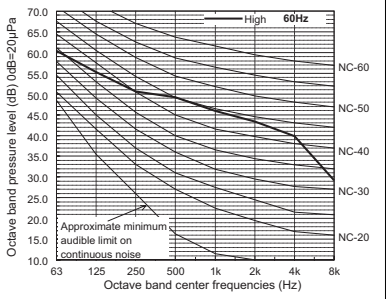
External Static Pressure: 160Pa
Power Source: 208V 60Hz



Ref.:NC_PEFY-P96NMHU-E_WYN B0-4442-1

PEFY-P96NMHU-E

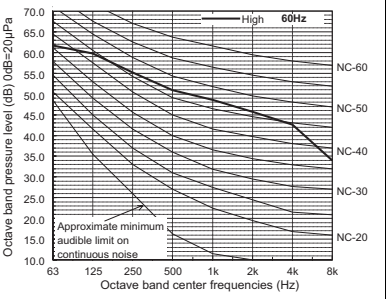
External Static Pressure: 100Pa
Power Source: 230V 60Hz



Ref.:NC_PEFY-P96NMHU-E_WYN B0-4442-4

PEFY-P96NMHU-E

External Static Pressure: 200Pa
Power Source: 230V 60Hz

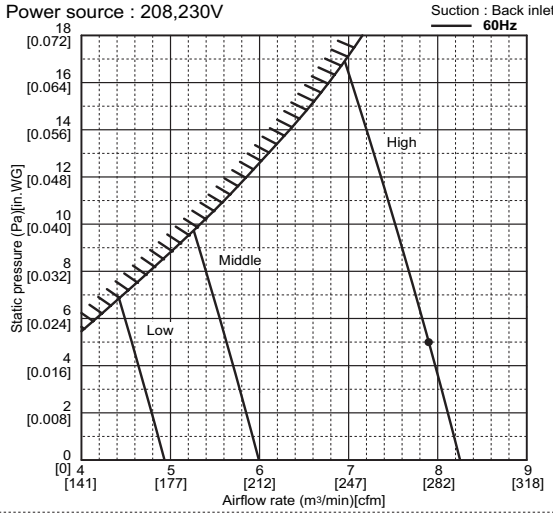


Ref.:NC_PEFY-P96NMHU-E_WYN B0-4442-3

PEFY-P06,08NMLU-E

External static pressure : 5Pa,0.020[in.WG]

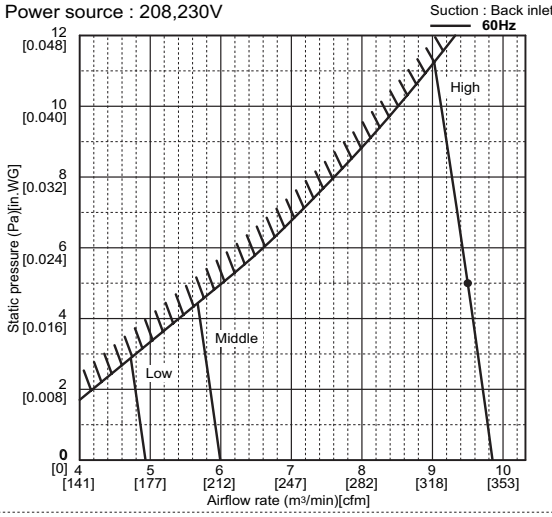
Power source : 208,230V



PEFY-P12NMLU-E

External static pressure : 5Pa,0.020[in.WG]

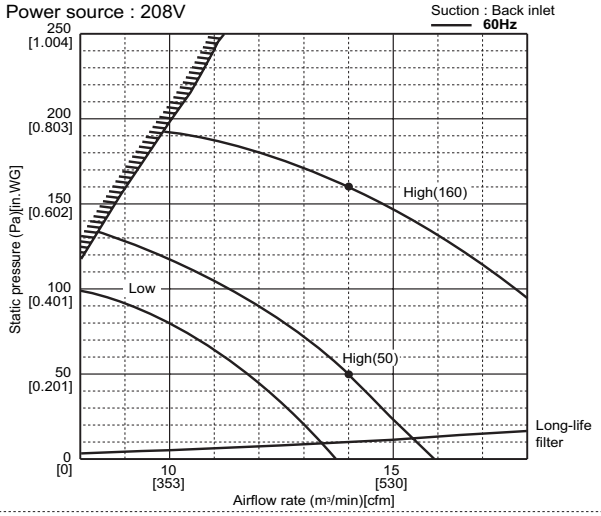
Power source : 208,230V



PEFY-P15,18NMHU-E

External static pressure : 50,160Pa,0.201,0.642[in.WG]

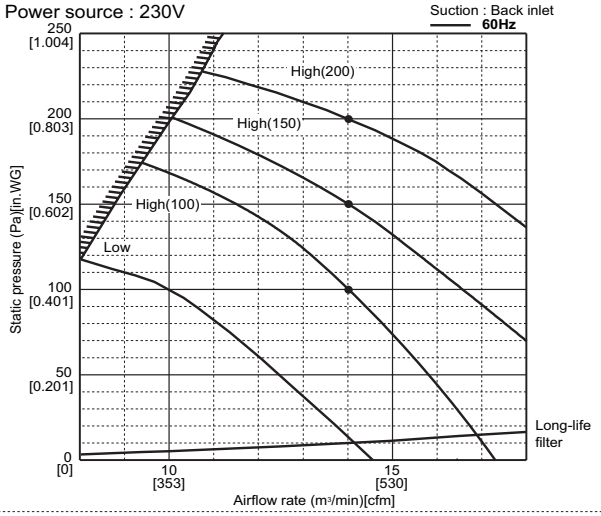
Power source : 208V



PEFY-P15,18NMHU-E

External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]

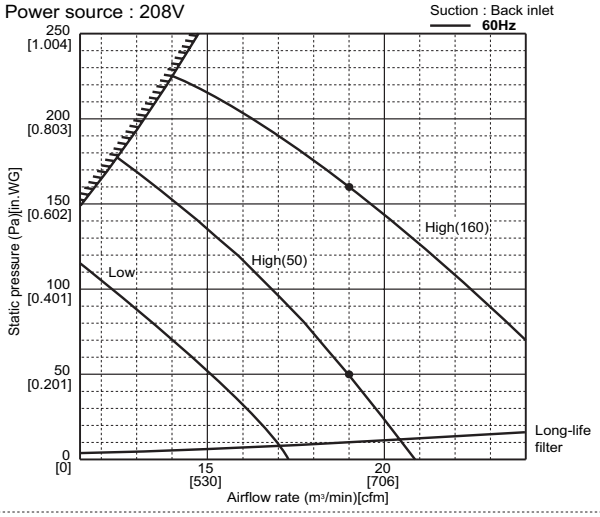
Power source : 230V



PEFY-P24NMHU-E

External static pressure : 50,160Pa,0.201,0.642[in.WG]

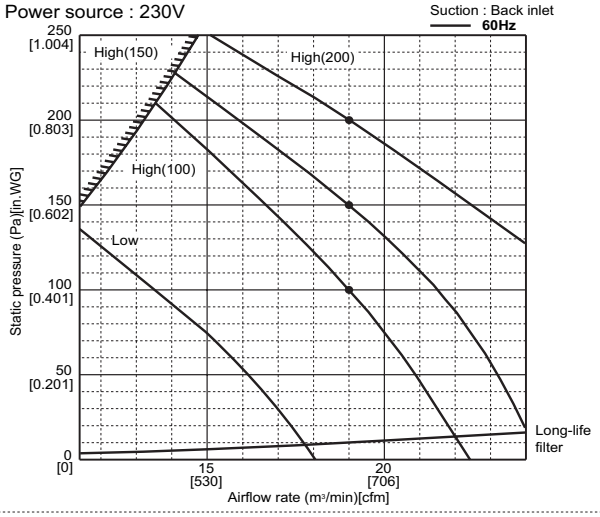
Power source : 208V



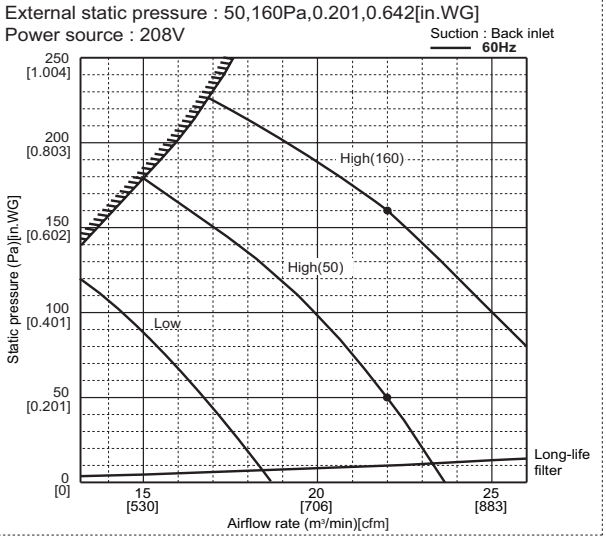
PEFY-P24NMHU-E

External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]

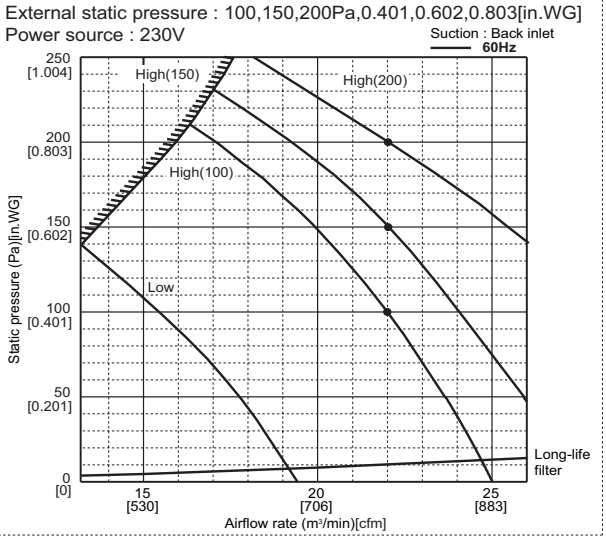
Power source : 230V



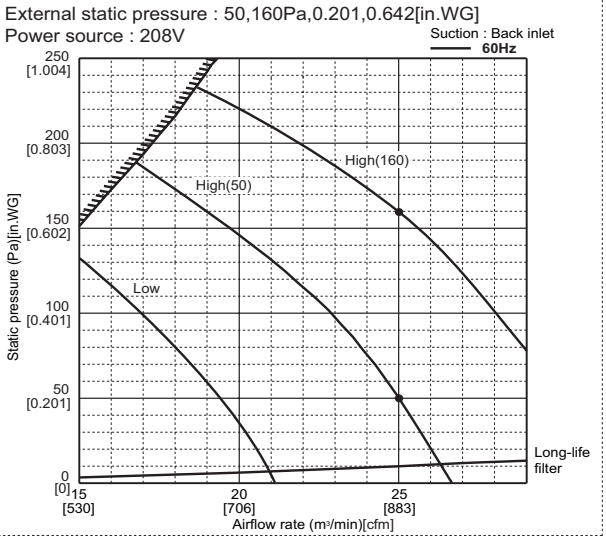
PEFY-P27NMHU-E
External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V



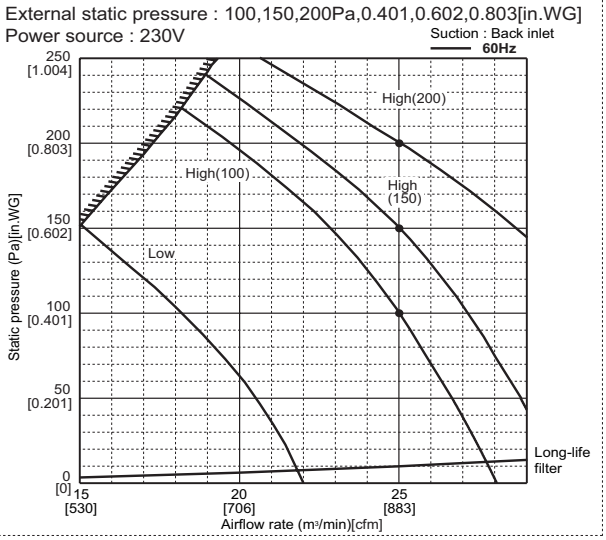
PEFY-P27NMHU-E
External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V



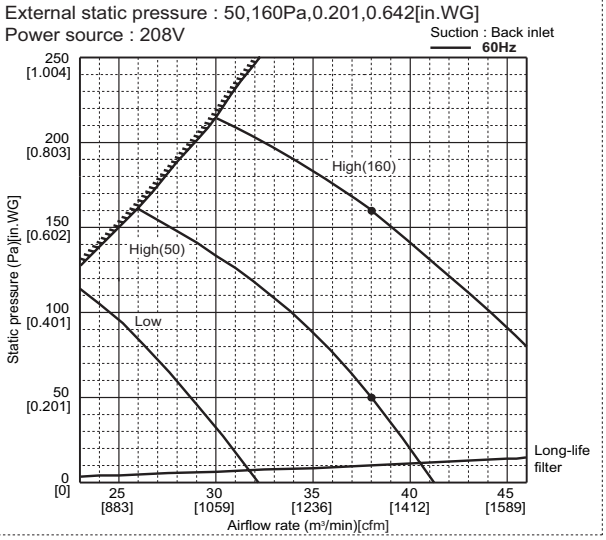
PEFY-P30NMHU-E
External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V



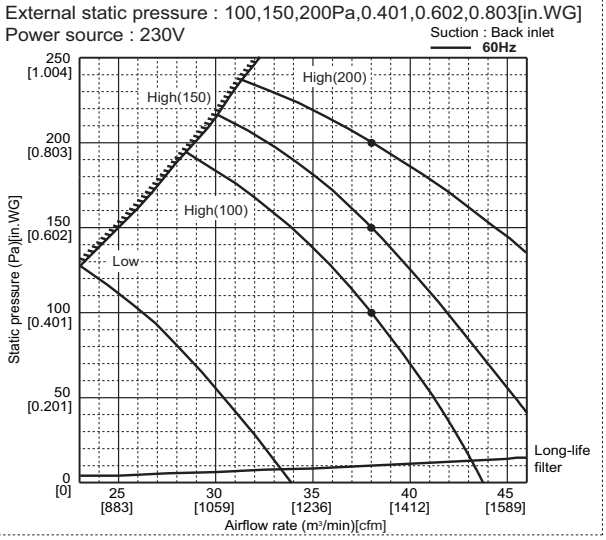
PEFY-P30NMHU-E
External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V



PEFY-P36,48NMHU-E
External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V



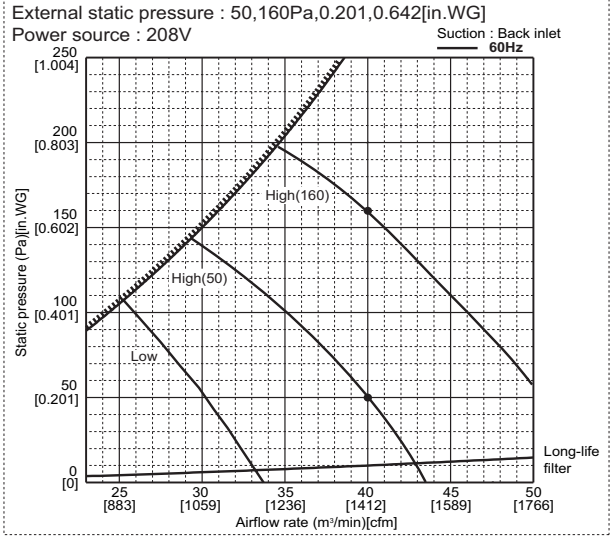
PEFY-P36,48NMHU-E
External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V



PEFY-P54NMHU-E

External static pressure : 50,160Pa,0.201,0.642[in.WG]

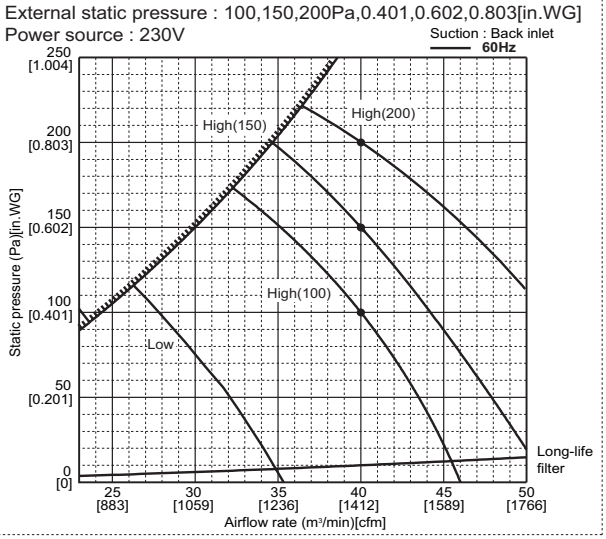
Power source : 208V



PEFY-P54NMHU-E

External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]

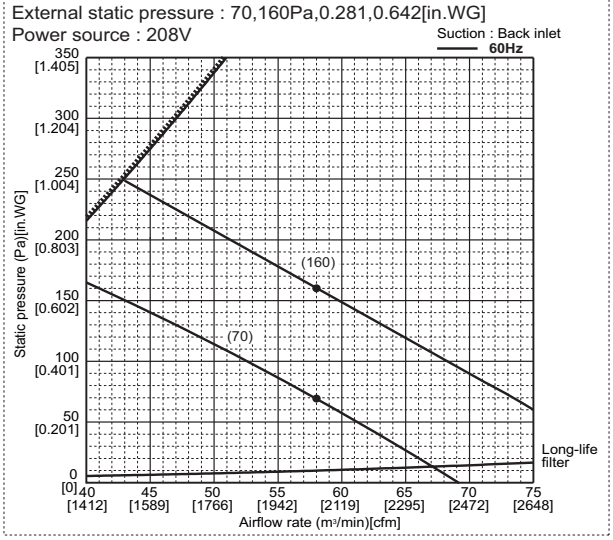
Power source : 230V



PEFY-P72NMHU-E

External static pressure : 70,160Pa,0.281,0.642[in.WG]

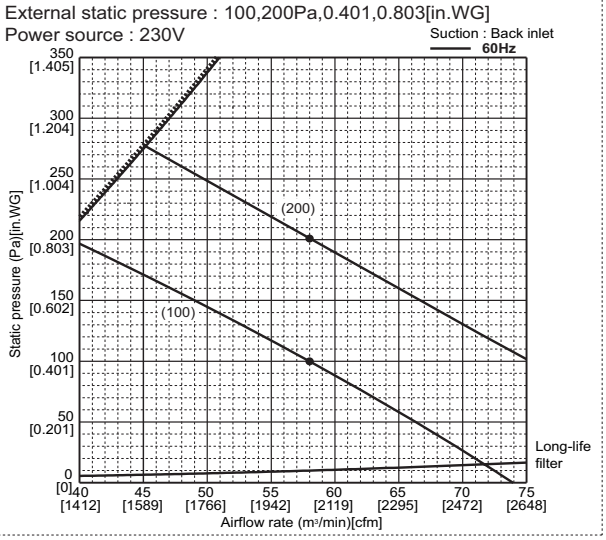
Power source : 208V



PEFY-P72NMHU-E

External static pressure : 100,200Pa,0.401,0.803[in.WG]

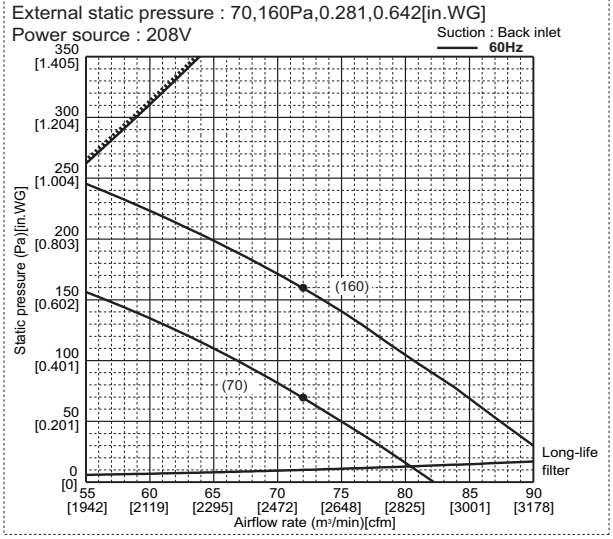
Power source : 230V



PEFY-P96NMHU-E

External static pressure : 70,160Pa,0.281,0.642[in.WG]

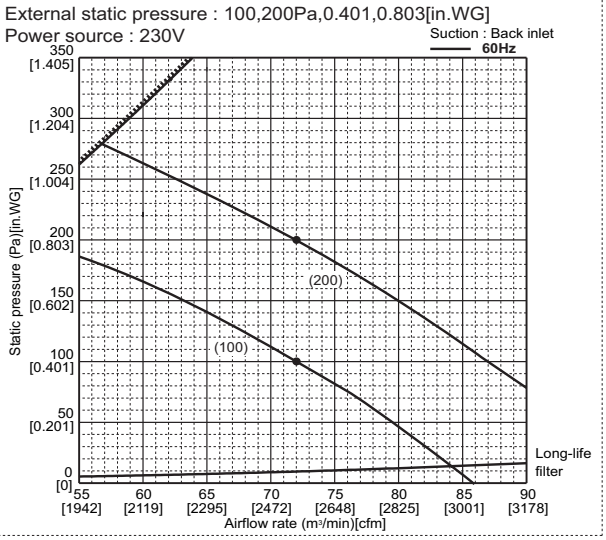
Power source : 208V



PEFY-P96NMHU-E

External static pressure : 100,200Pa,0.401,0.803[in.WG]

Power source : 230V



6-1. Cooling Capacity in Combination with PUHY-HP72,96THMU; -HP144,192TSHMU

PEFY-P-NMLU/NMHU-E

CA : Capacity(kW) SHC : Sensible Heat Capacity(kW)

Model size	Outdoor air temp.	Indoor air temp.													
		21.7degC D.B. 15degC W.B.		22.8degC D.B. 16.1degC W.B.		25degC D.B. 17.8degC W.B.		27.2degC D.B. 18.9degC W.B.		27.8degC D.B. 20degC W.B.		30degC D.B. 22.2degC W.B.		32.2degC D.B. 23.9degC W.B.	
	degC D.B.	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
06	20.0	1.6	1.3	1.7	1.3	1.8	1.3	1.9	1.5	2.0	1.4	2.1	1.4	2.2	1.4
	22.8	1.6	1.3	1.7	1.3	1.8	1.3	1.9	1.5	2.0	1.4	2.1	1.4	2.2	1.4
	25.0	1.6	1.3	1.7	1.3	1.8	1.3	1.9	1.5	2.0	1.4	2.1	1.4	2.2	1.4
	27.8	1.6	1.3	1.7	1.3	1.8	1.3	1.9	1.4	2.0	1.4	2.1	1.4	2.2	1.4
	30.0	1.6	1.3	1.7	1.3	1.8	1.3	1.9	1.4	1.9	1.4	2.0	1.4	2.1	1.4
	32.8	1.6	1.3	1.7	1.3	1.7	1.3	1.8	1.4	1.9	1.4	2.0	1.3	2.1	1.4
	35.0	1.6	1.3	1.6	1.3	1.7	1.3	1.8	1.4	1.9	1.4	1.9	1.3	2.0	1.3
	37.8	1.5	1.3	1.6	1.3	1.7	1.3	1.8	1.4	1.8	1.3	1.9	1.3	2.0	1.3
	40.0	1.5	1.3	1.6	1.3	1.7	1.3	1.7	1.4	1.8	1.3	1.9	1.3	1.9	1.3
	43.3	1.5	1.3	1.6	1.2	1.6	1.3	1.7	1.4	1.7	1.3	1.8	1.3	1.9	1.3
08	20.0	2.0	1.5	2.2	1.6	2.3	1.6	2.5	1.8	2.6	1.7	2.7	1.7	2.9	1.7
	22.8	2.0	1.5	2.2	1.6	2.3	1.6	2.5	1.8	2.6	1.7	2.7	1.7	2.9	1.7
	25.0	2.0	1.5	2.2	1.6	2.3	1.6	2.5	1.8	2.5	1.7	2.7	1.7	2.8	1.7
	27.8	2.0	1.5	2.2	1.6	2.3	1.6	2.4	1.7	2.5	1.7	2.6	1.6	2.8	1.7
	30.0	2.0	1.5	2.1	1.6	2.3	1.6	2.4	1.7	2.5	1.7	2.6	1.6	2.7	1.7
	32.8	2.0	1.5	2.1	1.5	2.2	1.6	2.3	1.7	2.4	1.6	2.5	1.6	2.6	1.6
	35.0	2.0	1.5	2.1	1.5	2.2	1.6	2.3	1.7	2.4	1.6	2.5	1.6	2.6	1.6
	37.8	2.0	1.5	2.1	1.5	2.2	1.6	2.3	1.7	2.3	1.6	2.4	1.6	2.5	1.6
	40.0	2.0	1.5	2.0	1.5	2.1	1.6	2.2	1.7	2.3	1.6	2.4	1.6	2.5	1.6
	43.3	1.9	1.5	2.0	1.5	2.1	1.5	2.2	1.6	2.2	1.6	2.3	1.5	2.4	1.5
12	20.0	3.1	2.2	3.3	2.3	3.5	2.3	3.7	2.5	3.9	2.4	4.1	2.4	4.4	2.4
	22.8	3.1	2.2	3.3	2.3	3.5	2.3	3.7	2.5	3.9	2.4	4.1	2.4	4.4	2.4
	25.0	3.1	2.2	3.3	2.3	3.5	2.3	3.7	2.5	3.9	2.4	4.1	2.4	4.3	2.4
	27.8	3.1	2.2	3.3	2.3	3.5	2.3	3.7	2.5	3.8	2.4	4.0	2.3	4.2	2.4
	30.0	3.1	2.2	3.3	2.2	3.4	2.3	3.6	2.5	3.7	2.4	3.9	2.3	4.1	2.3
	32.8	3.0	2.2	3.2	2.2	3.4	2.3	3.6	2.4	3.7	2.3	3.9	2.3	4.0	2.3
	35.0	3.0	2.2	3.2	2.2	3.4	2.3	3.5	2.4	3.6	2.3	3.8	2.3	4.0	2.3
	37.8	3.0	2.2	3.1	2.2	3.3	2.2	3.4	2.4	3.5	2.3	3.7	2.2	3.9	2.2
	40.0	3.0	2.2	3.1	2.2	3.3	2.2	3.4	2.3	3.5	2.3	3.6	2.2	3.8	2.2
	43.3	3.0	2.2	3.0	2.1	3.2	2.2	3.3	2.3	3.4	2.2	3.5	2.2	3.7	2.2
15	20.0	3.9	2.7	4.2	2.8	4.4	2.9	4.7	3.1	4.9	3.0	5.2	2.9	5.5	3.0
	22.8	3.9	2.7	4.2	2.8	4.4	2.9	4.7	3.1	4.9	3.0	5.2	2.9	5.5	3.0
	25.0	3.9	2.7	4.2	2.8	4.4	2.9	4.7	3.1	4.9	3.0	5.1	2.9	5.4	2.9
	27.8	3.9	2.7	4.1	2.8	4.4	2.8	4.6	3.0	4.8	2.9	5.0	2.9	5.3	2.9
	30.0	3.8	2.7	4.1	2.7	4.3	2.8	4.6	3.0	4.7	2.9	4.9	2.8	5.2	2.8
	32.8	3.8	2.7	4.0	2.7	4.3	2.8	4.5	2.9	4.6	2.8	4.8	2.8	5.1	2.8
	35.0	3.8	2.7	4.0	2.7	4.2	2.7	4.4	2.9	4.5	2.8	4.8	2.7	5.0	2.8
	37.8	3.8	2.6	3.9	2.7	4.1	2.7	4.3	2.9	4.4	2.8	4.7	2.7	4.9	2.7
	40.0	3.8	2.6	3.9	2.6	4.1	2.7	4.3	2.8	4.4	2.7	4.6	2.7	4.8	2.7
	43.3	3.7	2.6	3.8	2.6	4.0	2.6	4.2	2.8	4.3	2.7	4.4	2.6	4.6	2.6
18	20.0	4.7	3.3	5.0	3.4	5.3	3.5	5.7	3.7	5.9	3.6	6.2	3.6	6.6	3.6
	22.8	4.7	3.3	5.0	3.4	5.3	3.5	5.7	3.7	5.9	3.6	6.2	3.6	6.6	3.6
	25.0	4.7	3.3	5.0	3.4	5.3	3.5	5.7	3.7	5.9	3.6	6.2	3.5	6.5	3.6
	27.8	4.7	3.3	5.0	3.4	5.3	3.5	5.6	3.7	5.7	3.6	6.1	3.5	6.4	3.5
	30.0	4.6	3.3	4.9	3.3	5.2	3.4	5.5	3.6	5.7	3.5	6.0	3.4	6.2	3.5
	32.8	4.6	3.3	4.9	3.3	5.1	3.4	5.4	3.6	5.6	3.5	5.8	3.4	6.1	3.4
	35.0	4.6	3.3	4.8	3.3	5.1	3.3	5.3	3.6	5.5	3.4	5.7	3.3	6.0	3.4
	37.8	4.5	3.2	4.7	3.2	5.0	3.3	5.2	3.5	5.4	3.4	5.6	3.3	5.9	3.3
	40.0	4.5	3.2	4.7	3.2	4.9	3.3	5.1	3.5	5.3	3.3	5.5	3.3	5.7	3.3
	43.3	4.5	3.2	4.6	3.2	4.8	3.2	5.0	3.4	5.1	3.3	5.4	3.2	5.6	3.2
24	20.0	6.2	4.3	6.6	4.4	7.1	4.6	7.5	4.9	7.8	4.8	8.2	4.7	8.7	4.8
	22.8	6.2	4.3	6.6	4.4	7.1	4.6	7.5	4.9	7.8	4.8	8.2	4.7	8.7	4.8
	25.0	6.2	4.3	6.6	4.4	7.1	4.6	7.5	4.9	7.7	4.8	8.2	4.7	8.6	4.7
	27.8	6.2	4.3	6.6	4.4	7.0	4.5	7.4	4.8	7.6	4.7	8.0	4.6	8.4	4.6
	30.0	6.1	4.3	6.5	4.4	6.9	4.5	7.2	4.8	7.5	4.6	7.9	4.5	8.2	4.6
	32.8	6.1	4.3	6.4	4.3	6.8	4.4	7.1	4.7	7.3	4.6	7.7	4.4	8.1	4.5
	35.0	6.0	4.3	6.4	4.3	6.7	4.4	7.0	4.7	7.2	4.5	7.6	4.4	7.9	4.4
	37.8	6.0	4.2	6.3	4.3	6.6	4.3	6.9	4.6	7.1	4.4	7.4	4.3	7.7	4.4
	40.0	6.0	4.2	6.2	4.2	6.5	4.3	6.8	4.6	7.0	4.4	7.3	4.3	7.6	4.3
	43.3	5.9	4.2	6.1	4.2	6.4	4.2	6.6	4.5	6.8	4.3	7.1	4.2	7.4	4.2
27	20.0	7.0	5.0	7.5	5.1	8.0	5.2	8.5	5.6	8.8	5.5	9.3	5.4	9.8	5.5
	22.8	7.0	5.0	7.5	5.1	8.0	5.2	8.5	5.6	8.8	5.5	9.3	5.4	9.8	5.5
	25.0	7.0	5.0	7.5	5.1	8.0	5.2	8.4	5.6	8.7	5.4	9.2	5.3	9.7	5.4
	27.8	6.9	5.0	7.4	5.1	7.9	5.2	8.3	5.5	8.6	5.4	9.0	5.2	9.5	5.3
	30.0	6.9	4.9	7.3	5.0	7.8	5.1	8.2	5.5	8.4	5.3	8.9	5.2	9.3	5.2
	32.8	6.9	4.9	7.2	5.0	7.7	5.1	8.0	5.4	8.3	5.2	8.7	5.1	9.1	5.2
	35.0	6.8	4.9	7.2	4.9	7.6	5.0	7.9	5.4	8.1	5.2	8.5	5.0	8.9	5.1
	37.8	6.8	4.9	7.1	4.9	7.4	5.0	7.8	5.3	8.0	5.1	8.4	5.0	8.7	5.0
	40.0	6.7	4.9	7.0	4.8	7.3	4.9	7.7	5.2	7.9	5.0	8.2	4.9	8.6	4.9
	43.3	6.7	4.8	6.9	4.8	7.2	4.9	7.5	5.2	7.7	5.0	8.0	4.8	8.3	4.9

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PEFY_NMHU-E_CC_USDB_PUHY-HP

6. CAPACITY TABLES

PEFY-P-NMLU/NMHU-E

CA : Capacity(kW) SHC : Sensible Heat Capacity(kW)

Model size	Outdoor air temp.	Indoor air temp.													
		21.7degC D.B. 15degC W.B.		22.8degC D.B. 16.1degC W.B.		25degC D.B. 17.8degC W.B.		27.2degC D.B. 18.9degC W.B.		27.8degC D.B. 20degC W.B.		30degC D.B. 22.2degC W.B.		32.2degC D.B. 23.9degC W.B.	
	degC D.B.	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
30	20.0	7.8	5.5	8.3	5.7	8.9	5.8	9.4	6.3	9.8	6.1	10.4	6.0	11.0	6.1
	22.8	7.8	5.5	8.3	5.7	8.9	5.8	9.4	6.3	9.8	6.1	10.4	6.0	11.0	6.1
	25.0	7.8	5.5	8.3	5.7	8.9	5.8	9.4	6.2	9.7	6.1	10.3	5.9	10.8	6.0
	27.8	7.7	5.5	8.3	5.6	8.8	5.8	9.2	6.2	9.5	6.0	10.1	5.8	10.6	5.9
	30.0	7.7	5.5	8.2	5.6	8.7	5.7	9.1	6.1	9.4	5.9	9.9	5.8	10.4	5.8
	32.8	7.6	5.5	8.1	5.5	8.5	5.7	8.9	6.0	9.2	5.8	9.7	5.7	10.1	5.7
	35.0	7.6	5.4	8.0	5.5	8.4	5.6	8.8	6.0	9.1	5.8	9.5	5.6	9.9	5.7
	37.8	7.6	5.4	7.9	5.4	8.3	5.5	8.7	5.9	8.9	5.7	9.3	5.5	9.7	5.6
	40.0	7.5	5.4	7.8	5.4	8.2	5.5	8.5	5.8	8.8	5.6	9.1	5.5	9.5	5.5
	43.3	7.5	5.4	7.7	5.3	8.0	5.4	8.3	5.7	8.5	5.5	8.9	5.3	9.3	5.4
36	20.0	9.3	6.8	10.0	7.0	10.7	7.2	11.4	7.7	11.8	7.5	12.5	7.4	13.2	7.5
	22.8	9.3	6.8	10.0	7.0	10.7	7.2	11.4	7.7	11.8	7.5	12.5	7.4	13.2	7.5
	25.0	9.3	6.8	10.0	7.0	10.7	7.2	11.3	7.7	11.7	7.5	12.4	7.3	13.0	7.4
	27.8	9.3	6.8	10.0	6.9	10.6	7.1	11.1	7.6	11.5	7.4	12.1	7.2	12.7	7.3
	30.0	9.3	6.8	9.9	6.9	10.4	7.1	11.0	7.6	11.3	7.3	11.9	7.1	12.5	7.2
	32.8	9.2	6.8	9.7	6.8	10.3	7.0	10.8	7.5	11.1	7.2	11.7	7.0	12.2	7.1
	35.0	9.2	6.7	9.6	6.8	10.1	6.9	10.6	7.4	10.9	7.1	11.5	7.0	12.0	7.0
	37.8	9.1	6.7	9.5	6.7	10.0	6.9	10.4	7.3	10.7	7.0	11.2	6.9	11.7	6.9
	40.0	9.1	6.7	9.4	6.7	9.9	6.8	10.3	7.2	10.5	7.0	11.0	6.8	11.5	6.9
	43.3	9.0	6.6	9.2	6.6	9.7	6.7	10.0	7.1	10.3	6.9	10.7	6.7	11.1	6.7
48	20.0	12.4	8.7	13.4	8.9	14.2	9.2	15.1	9.8	15.7	9.6	16.6	9.4	17.6	9.5
	22.8	12.4	8.7	13.4	8.9	14.2	9.2	15.1	9.8	15.7	9.6	16.6	9.4	17.6	9.5
	25.0	12.4	8.7	13.4	8.9	14.2	9.2	15.1	9.8	15.6	9.5	16.5	9.3	17.3	9.4
	27.8	12.4	8.7	13.3	8.9	14.1	9.1	14.8	9.7	15.3	9.4	16.1	9.2	16.9	9.3
	30.0	12.3	8.6	13.1	8.8	13.9	9.0	14.6	9.6	15.1	9.3	15.9	9.1	16.6	9.1
	32.8	12.2	8.6	12.9	8.7	13.7	8.9	14.3	9.5	14.8	9.2	15.5	8.9	16.2	9.0
	35.0	12.2	8.6	12.8	8.6	13.5	8.8	14.1	9.4	14.5	9.0	15.3	8.8	15.9	8.9
	37.8	12.1	8.5	12.6	8.5	13.3	8.7	13.9	9.2	14.3	8.9	14.9	8.7	15.6	8.7
	40.0	12.0	8.5	12.5	8.5	13.1	8.6	13.7	9.1	14.0	8.8	14.7	8.5	15.3	8.6
	43.3	11.9	8.4	12.3	8.4	12.9	8.5	13.3	9.0	13.7	8.7	14.3	8.4	14.8	8.4
54	20.0	13.9	10.1	15.0	10.3	15.9	10.6	16.9	11.4	17.6	11.1	18.6	10.9	19.7	11.1
	22.8	13.9	10.1	15.0	10.3	15.9	10.6	16.9	11.4	17.6	11.1	18.6	10.9	19.7	11.1
	25.0	13.9	10.1	15.0	10.3	15.9	10.6	16.9	11.4	17.5	11.1	18.4	10.8	19.4	10.9
	27.8	13.9	10.1	14.8	10.3	15.8	10.5	16.6	11.3	17.1	10.9	18.1	10.7	18.9	10.8
	30.0	13.8	10.0	14.7	10.2	15.6	10.4	16.4	11.2	16.9	10.8	17.8	10.5	18.6	10.7
	32.8	13.7	10.0	14.5	10.1	15.3	10.3	16.1	11.0	16.6	10.6	17.4	10.4	18.2	10.5
	35.0	13.7	9.9	14.3	10.0	15.1	10.2	15.8	10.9	16.3	10.5	17.1	10.3	17.9	10.4
	37.8	13.6	9.9	14.1	9.9	14.9	10.1	15.5	10.8	16.0	10.4	16.7	10.1	17.4	10.2
	40.0	13.5	9.9	14.0	9.8	14.7	10.0	15.3	10.7	15.7	10.3	16.4	10.0	17.1	10.1
	43.3	13.4	9.8	13.8	9.7	14.4	9.9	15.0	10.5	15.3	10.1	16.0	9.8	16.6	9.9
72	20.0	18.6	13.2	20.0	13.6	21.3	14.0	22.6	15.0	23.5	14.6	24.9	14.3	26.3	14.5
	22.8	18.6	13.2	20.0	13.6	21.3	14.0	22.6	15.0	23.5	14.6	24.9	14.3	26.3	14.5
	25.0	18.6	13.2	20.0	13.6	21.3	14.0	22.6	15.0	23.3	14.5	24.6	14.2	25.9	14.4
	27.8	18.5	13.2	19.8	13.5	21.0	13.8	22.2	14.8	22.9	14.3	24.1	14.0	25.3	14.1
	30.0	18.5	13.1	19.6	13.4	20.8	13.7	21.9	14.6	22.5	14.2	23.7	13.8	24.9	14.0
	32.8	18.3	13.1	19.4	13.2	20.5	13.6	21.5	14.4	22.1	13.9	23.2	13.6	24.3	13.7
	35.0	18.2	13.0	19.2	13.1	20.2	13.4	21.1	14.3	21.8	13.8	22.8	13.4	23.9	13.6
	37.8	18.1	13.0	18.9	13.0	19.9	13.3	20.8	14.1	21.3	13.6	22.3	13.2	23.3	13.3
	40.0	18.0	12.9	18.7	12.9	19.6	13.1	20.4	14.0	21.0	13.4	21.9	13.1	22.9	13.2
	43.3	17.9	12.8	18.4	12.7	19.2	13.0	20.0	13.7	20.5	13.2	21.3	12.8	22.2	12.9
96	20.0	24.8	17.8	26.6	18.2	28.3	18.7	30.1	20.1	31.3	19.6	33.1	19.2	35.0	19.5
	22.8	24.8	17.8	26.6	18.2	28.3	18.7	30.1	20.1	31.3	19.6	33.1	19.2	35.0	19.5
	25.0	24.8	17.8	26.6	18.2	28.3	18.7	30.0	20.1	31.1	19.5	32.8	19.1	34.4	19.3
	27.8	24.7	17.7	26.4	18.1	28.0	18.6	29.5	19.9	30.5	19.2	32.1	18.8	33.7	19.0
	30.0	24.6	17.7	26.1	18.0	27.7	18.4	29.1	19.7	30.0	19.0	31.6	18.6	33.1	18.8
	32.8	24.4	17.6	25.8	17.8	27.2	18.2	28.6	19.4	29.4	18.8	30.9	18.3	32.4	18.5
	35.0	24.3	17.5	25.5	17.6	26.9	18.0	28.2	19.2	29.0	18.6	30.4	18.1	31.8	18.2
	37.8	24.1	17.4	25.2	17.5	26.5	17.8	27.6	19.0	28.4	18.3	29.7	17.8	31.0	18.0
	40.0	24.0	17.4	24.9	17.3	26.1	17.7	27.2	18.8	27.9	18.1	29.2	17.6	30.4	17.7
	43.3	23.8	17.3	24.5	17.1	25.6	17.4	26.6	18.5	27.3	17.8	28.4	17.3	29.6	17.4

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PEFY_NMHU-E_CC_USDB_PUHY-HP

6. CAPACITY TABLES

PEFY-P-NMLU/NMHU-E

CA : Capacity(BTU/h) SHC : Sensible Heat Capacity(BTU/h)

Model size	Outdoor air temp.	Indoor air temp.													
		71degF D.B. 59degF W.B.		73degF D.B. 61degF W.B.		77degF D.B. 64degF W.B.		81degF D.B. 66degF W.B.		82degF D.B. 68degF W.B.		86degF D.B. 72degF W.B.		90degF D.B. 75degF W.B.	
	degF D.B.	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
06	68.0	5,400	4,400	5,800	4,400	6,200	4,600	6,600	5,000	6,800	4,800	7,200	4,700	7,600	4,800
	73.0	5,400	4,400	5,800	4,400	6,200	4,600	6,600	5,000	6,800	4,800	7,200	4,700	7,600	4,800
	77.0	5,400	4,400	5,800	4,400	6,200	4,600	6,600	5,000	6,800	4,800	7,200	4,700	7,500	4,800
	82.0	5,400	4,400	5,800	4,400	6,100	4,600	6,500	4,900	6,700	4,700	7,000	4,600	7,400	4,700
	86.0	5,400	4,300	5,700	4,400	6,000	4,500	6,400	4,900	6,600	4,700	6,900	4,600	7,200	4,700
	91.0	5,300	4,300	5,600	4,400	6,000	4,500	6,200	4,800	6,400	4,700	6,800	4,600	7,100	4,600
	95.0	5,300	4,300	5,600	4,300	5,900	4,500	6,200	4,800	6,300	4,600	6,600	4,500	6,900	4,600
	100.0	5,300	4,300	5,500	4,300	5,800	4,400	6,000	4,800	6,200	4,600	6,500	4,500	6,800	4,500
	104.0	5,200	4,300	5,400	4,300	5,700	4,400	5,900	4,700	6,100	4,500	6,400	4,400	6,700	4,500
	110.0	5,200	4,300	5,300	4,200	5,600	4,300	5,800	4,700	6,000	4,500	6,200	4,400	6,500	4,400
08	68.0	6,900	5,300	7,400	5,400	7,900	5,600	8,400	6,000	8,700	5,800	9,200	5,700	9,800	5,800
	73.0	6,900	5,300	7,400	5,400	7,900	5,600	8,400	6,000	8,700	5,800	9,200	5,700	9,800	5,800
	77.0	6,900	5,300	7,400	5,400	7,900	5,600	8,400	6,000	8,700	5,800	9,200	5,700	9,600	5,800
	82.0	6,900	5,300	7,400	5,400	7,800	5,500	8,200	5,900	8,500	5,700	9,000	5,600	9,400	5,700
	86.0	6,900	5,300	7,300	5,300	7,700	5,500	8,100	5,900	8,400	5,700	8,800	5,500	9,200	5,600
	91.0	6,800	5,200	7,200	5,300	7,600	5,400	8,000	5,800	8,200	5,600	8,600	5,500	9,000	5,600
	95.0	6,800	5,200	7,100	5,200	7,500	5,400	7,900	5,800	8,100	5,600	8,500	5,400	8,900	5,500
	100.0	6,700	5,200	7,000	5,200	7,400	5,300	7,700	5,700	7,900	5,500	8,300	5,300	8,700	5,400
	104.0	6,700	5,200	7,000	5,200	7,300	5,300	7,600	5,700	7,800	5,400	8,200	5,300	8,500	5,400
	110.0	6,600	5,200	6,800	5,100	7,200	5,200	7,400	5,600	7,600	5,400	7,900	5,200	8,300	5,300
12	68.0	10,500	7,600	11,300	7,700	12,000	8,000	12,800	8,600	13,300	8,300	14,100	8,200	14,900	8,300
	73.0	10,500	7,600	11,300	7,700	12,000	8,000	12,800	8,600	13,300	8,300	14,100	8,200	14,900	8,300
	77.0	10,500	7,600	11,300	7,700	12,000	8,000	12,800	8,600	13,200	8,300	13,900	8,100	14,600	8,200
	82.0	10,500	7,500	11,200	7,700	11,900	7,900	12,500	8,500	13,000	8,200	13,700	8,000	14,300	8,100
	86.0	10,400	7,500	11,100	7,600	11,800	7,800	12,400	8,400	12,800	8,100	13,400	7,900	14,100	8,000
	91.0	10,400	7,500	11,000	7,600	11,600	7,700	12,100	8,300	12,500	8,000	13,100	7,800	13,800	7,900
	95.0	10,300	7,500	10,800	7,500	11,400	7,700	12,000	8,200	12,300	7,900	12,900	7,700	13,500	7,800
	100.0	10,300	7,400	10,700	7,400	11,300	7,600	11,700	8,100	12,100	7,800	12,600	7,600	13,200	7,600
	104.0	10,200	7,400	10,600	7,400	11,100	7,500	11,600	8,000	11,900	7,700	12,400	7,500	12,900	7,600
	110.0	10,100	7,300	10,400	7,300	10,900	7,400	11,300	7,900	11,600	7,600	12,100	7,300	12,600	7,400
15	68.0	13,200	9,200	14,200	9,500	15,100	9,700	16,100	10,400	16,700	10,200	17,700	10,000	18,700	10,100
	73.0	13,200	9,200	14,200	9,500	15,100	9,700	16,100	10,400	16,700	10,200	17,700	10,000	18,700	10,100
	77.0	13,200	9,200	14,200	9,500	15,100	9,700	16,100	10,400	16,600	10,100	17,500	9,900	18,400	10,000
	82.0	13,200	9,200	14,100	9,400	15,000	9,600	15,800	10,300	16,300	10,000	17,200	9,700	18,000	9,800
	86.0	13,100	9,200	14,000	9,300	14,800	9,600	15,500	10,200	16,000	9,800	16,900	9,600	17,700	9,700
	91.0	13,000	9,100	13,800	9,200	14,600	9,400	15,300	10,000	15,700	9,700	16,500	9,400	17,300	9,500
	95.0	13,000	9,100	13,600	9,200	14,400	9,300	15,000	9,900	15,500	9,600	16,200	9,300	17,000	9,400
	100.0	12,900	9,000	13,400	9,100	14,100	9,200	14,800	9,800	15,200	9,400	15,900	9,200	16,600	9,200
	104.0	12,800	9,000	13,300	9,000	14,000	9,100	14,500	9,700	14,900	9,300	15,600	9,000	16,300	9,100
	110.0	12,700	8,900	13,100	8,900	13,700	9,000	14,200	9,500	14,600	9,200	15,200	8,900	15,800	8,900
18	68.0	15,900	11,300	17,100	11,600	18,200	11,900	19,400	12,700	20,100	12,400	21,300	12,200	22,500	12,400
	73.0	15,900	11,300	17,100	11,600	18,200	11,900	19,400	12,700	20,100	12,400	21,300	12,200	22,500	12,400
	77.0	15,900	11,300	17,100	11,600	18,200	11,900	19,300	12,700	20,000	12,400	21,100	12,100	22,200	12,200
	82.0	15,900	11,200	17,000	11,500	18,000	11,800	19,000	12,600	19,600	12,200	20,700	11,900	21,700	12,000
	86.0	15,800	11,200	16,800	11,400	17,800	11,700	18,700	12,400	19,300	12,000	20,300	11,700	21,300	11,900
	91.0	15,700	11,100	16,600	11,300	17,500	11,500	18,400	12,300	18,900	11,900	19,900	11,600	20,800	11,700
	95.0	15,600	11,100	16,400	11,200	17,300	11,400	18,100	12,100	18,700	11,700	19,600	11,400	20,400	11,500
	100.0	15,500	11,000	16,200	11,100	17,000	11,300	17,800	12,000	18,300	11,600	19,100	11,200	20,000	11,300
	104.0	15,400	11,000	16,000	11,000	16,800	11,200	17,500	11,900	18,000	11,400	18,800	11,100	19,600	11,200
	110.0	15,300	10,900	15,800	10,800	16,500	11,000	17,100	11,700	17,500	11,200	18,300	10,900	19,000	11,000
24	68.0	21,100	14,800	22,600	15,200	24,100	15,600	25,600	16,700	26,600	16,300	28,100	16,000	29,700	16,200
	73.0	21,100	14,800	22,600	15,200	24,100	15,600	25,600	16,700	26,600	16,300	28,100	16,000	29,700	16,200
	77.0	21,100	14,800	22,600	15,200	24,100	15,600	25,500	16,700	26,400	16,200	27,900	15,900	29,300	16,000
	82.0	21,000	14,800	22,400	15,100	23,800	15,500	25,100	16,500	25,900	16,000	27,300	15,600	28,600	15,800
	86.0	20,900	14,700	22,200	15,000	23,500	15,300	24,700	16,300	25,500	15,800	26,900	15,400	28,100	15,600
	91.0	20,700	14,600	21,900	14,800	23,200	15,100	24,300	16,100	25,000	15,600	26,300	15,200	27,500	15,300
	95.0	20,600	14,600	21,700	14,700	22,900	15,000	23,900	15,900	24,600	15,400	25,800	15,000	27,000	15,100
	100.0	20,500	14,500	21,400	14,500	22,500	14,800	23,500	15,700	24,100	15,200	25,300	14,700	26,400	14,900
	104.0	20,400	14,400	21,200	14,400	22,200	14,700	23,100	15,500	23,800	15,000	24,800	14,600	25,900	14,700
	110.0	20,200	14,300	20,800	14,200	21,800	14,500	22,600	15,300	23,200	14,700	24,100	14,300	25,100	14,400
27	68.0	23,800	16,900	25,500	17,400	27,200	17,900	28,900	19,200	30,000	18,700	31,800	18,300	33,600	18,600
	73.0	23,800	16,900	25,500	17,400	27,200	17,900	28,900	19,200	30,000	18,700	31,800	18,300	33,600	18,600
	77.0	23,800	16,900	25,500	17,400	27,200	17,900	28,800	19,200	29,800	18,600	31,500	18,200	33,000	18,400
	82.0	23,700	16,900	25,300	17,300	26,900	17,700	28,300	18,900	29,200	18,300	30,800	17,900	32,300	18,100
	86.0	23,600	16,800	25,100	17,100	26,600	17,600	27,900	18,700	28,800	18,100	30,300	17,700	31,800	17,900
	91.0	23,400	16,800	24,700	17,000	26,100	17,400	27,400	18,500	28,200	17,900	29,700	17,400	31,000	17,600
	95.0	23,300	16,700	24,500	16,800	25,800	17,200	27,000	18,300	27,800	17,700	29,200	17,200	30,500	17,400
	100.0	23,100	16,600	24,100	16,700	25,400	17,000	26,500	18,100	27,200	17,400	28,500	16,900	29,800	17,100
	104.0	23,000	16,500	23,900	16,500	25,100	16,800	26,100	17,900	26,800	17,200	28,000	16,700	29,200	16,900
	110.0	22,800	16,500	23,500	16,300	24,600	16,600	25,500	17,600	26,100	16,900	27,200	16,400	28,300	16,600

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PEFY_NMHU-E_CC_USDB_PUHY-HP

6. CAPACITY TABLES

PEFY-P-NMLU/NMHU-E

CA : Capacity(BTU/h) SHC : Sensible Heat Capacity(BTU/h)

Model size	Outdoor air temp.	Indoor air temp.													
		71degF D.B. 59degF W.B.		73degF D.B. 61degF W.B.		77degF D.B. 64degF W.B.		81degF D.B. 66degF W.B.		82degF D.B. 68degF W.B.		86degF D.B. 72degF W.B.		90degF D.B. 75degF W.B.	
	degF D.B.	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
30	68.0	26,500	18,800	28,400	19,300	30,300	19,900	32,200	21,300	33,400	20,800	35,400	20,400	37,400	20,700
	73.0	26,500	18,800	28,400	19,300	30,300	19,900	32,200	21,300	33,400	20,800	35,400	20,400	37,400	20,700
	77.0	26,500	18,800	28,400	19,300	30,300	19,900	32,100	21,300	33,200	20,700	35,000	20,200	36,800	20,400
	82.0	26,400	18,800	28,200	19,200	29,900	19,700	31,500	21,000	32,600	20,400	34,300	19,900	36,000	20,100
	86.0	26,300	18,700	27,900	19,100	29,600	19,500	31,100	20,800	32,100	20,200	33,800	19,700	35,400	19,900
	91.0	26,100	18,600	27,600	18,900	29,100	19,300	30,500	20,600	31,500	19,900	33,000	19,400	34,600	19,600
	95.0	25,900	18,600	27,300	18,700	28,700	19,100	30,100	20,300	31,000	19,700	32,500	19,100	33,900	19,300
	100.0	25,800	18,500	26,900	18,500	28,300	18,900	29,500	20,100	30,300	19,400	31,800	18,800	33,100	19,000
	104.0	25,600	18,400	26,600	18,400	27,900	18,700	29,100	19,900	29,900	19,200	31,200	18,600	32,500	18,800
	110.0	25,400	18,300	26,200	18,100	27,400	18,500	28,400	19,600	29,100	18,800	30,400	18,300	31,600	18,400
36	68.0	31,900	23,300	34,200	23,800	36,500	24,600	38,700	26,400	40,300	25,700	42,600	25,200	45,000	25,600
	73.0	31,900	23,300	34,200	23,800	36,500	24,600	38,700	26,400	40,300	25,700	42,600	25,200	45,000	25,600
	77.0	31,900	23,300	34,200	23,800	36,500	24,600	38,700	26,400	40,000	25,600	42,200	25,000	44,300	25,300
	82.0	31,800	23,200	34,000	23,700	36,100	24,400	38,000	26,100	39,200	25,200	41,300	24,600	43,400	25,000
	86.0	31,600	23,200	33,600	23,500	35,600	24,100	37,500	25,800	38,600	25,000	40,700	24,400	42,600	24,700
	91.0	31,400	23,000	33,200	23,300	35,100	23,900	36,800	25,500	37,900	24,600	39,800	24,000	41,600	24,300
	95.0	31,300	23,000	32,800	23,100	34,600	23,700	36,200	25,300	37,300	24,400	39,100	23,700	40,900	24,000
	100.0	31,000	22,900	32,400	22,900	34,100	23,400	35,600	25,000	36,600	24,000	38,300	23,400	39,900	23,700
	104.0	30,900	22,800	32,000	22,700	33,600	23,200	35,000	24,700	36,000	23,800	37,600	23,100	39,200	23,400
	110.0	30,600	22,600	31,500	22,500	33,000	22,900	34,200	24,400	35,100	23,400	36,600	22,700	38,000	23,000
48	68.0	42,400	29,700	45,600	30,500	48,500	31,300	51,500	33,600	53,600	32,800	56,700	32,100	59,900	32,600
	73.0	42,400	29,700	45,600	30,500	48,500	31,300	51,500	33,600	53,600	32,800	56,700	32,100	59,900	32,600
	77.0	42,400	29,700	45,600	30,500	48,500	31,300	51,400	33,500	53,200	32,600	56,200	31,800	59,000	32,200
	82.0	42,300	29,600	45,200	30,300	48,000	31,100	50,500	33,100	52,200	32,100	55,000	31,300	57,700	31,600
	86.0	42,100	29,500	44,700	30,000	47,400	30,800	49,800	32,700	51,400	31,700	54,100	30,900	56,700	31,200
	91.0	41,800	29,300	44,100	29,700	46,600	30,400	48,900	32,300	50,400	31,200	52,900	30,400	55,400	30,700
	95.0	41,600	29,200	43,700	29,500	46,100	30,100	48,200	31,900	49,600	30,900	52,000	30,000	54,400	30,300
	100.0	41,300	29,100	43,100	29,200	45,300	29,700	47,300	31,500	48,600	30,400	50,900	29,600	53,100	29,800
	104.0	41,100	28,900	42,600	28,900	44,700	29,400	46,600	31,200	47,800	30,000	50,000	29,200	52,100	29,400
	110.0	40,700	28,800	41,900	28,500	43,900	29,000	45,500	30,600	46,700	29,500	48,600	28,600	50,600	28,800
54	68.0	47,500	34,400	51,000	35,200	54,400	36,300	57,700	39,000	60,000	37,900	63,500	37,100	67,100	37,800
	73.0	47,500	34,400	51,000	35,200	54,400	36,300	57,700	39,000	60,000	37,900	63,500	37,100	67,100	37,800
	77.0	47,500	34,400	51,000	35,200	54,400	36,300	57,600	38,900	59,600	37,700	62,900	36,900	66,100	37,400
	82.0	47,400	34,300	50,700	35,000	53,800	36,000	56,600	38,500	58,500	37,200	61,600	36,400	64,600	36,800
	86.0	47,100	34,200	50,100	34,700	53,100	35,600	55,800	38,100	57,600	36,800	60,600	35,900	63,500	36,400
	91.0	46,800	34,000	49,500	34,400	52,300	35,200	54,800	37,600	56,500	36,300	59,300	35,400	62,100	35,800
	95.0	46,600	33,900	48,900	34,100	51,600	34,900	54,000	37,300	55,600	35,900	58,300	35,000	61,000	35,400
	100.0	46,300	33,700	48,300	33,800	50,800	34,500	53,000	36,800	54,500	35,400	57,000	34,500	59,500	34,800
	104.0	46,000	33,600	47,700	33,500	50,100	34,200	52,200	36,400	53,600	35,100	56,000	34,100	58,400	34,400
	110.0	45,700	33,400	47,000	33,200	49,200	33,800	51,000	35,900	52,300	34,500	54,500	33,500	56,700	33,800
72	68.0	63,500	45,100	68,200	46,300	72,600	47,600	77,100	51,100	80,200	49,800	84,800	48,800	89,600	49,500
	73.0	63,500	45,100	68,200	46,300	72,600	47,600	77,100	51,100	80,200	49,800	84,800	48,800	89,600	49,500
	77.0	63,500	45,100	68,200	46,300	72,600	47,600	77,000	51,000	79,600	49,500	84,000	48,400	88,200	49,000
	82.0	63,300	45,000	67,700	46,000	71,800	47,200	75,600	50,400	78,100	48,800	82,300	47,700	86,300	48,200
	86.0	63,000	44,900	67,000	45,600	70,900	46,800	74,600	49,900	76,900	48,300	81,000	47,100	84,800	47,600
	91.0	62,500	44,600	66,100	45,200	69,800	46,200	73,200	49,200	75,400	47,600	79,200	46,400	82,900	46,800
	95.0	62,200	44,500	65,400	44,800	68,900	45,800	72,100	48,700	74,300	47,100	77,900	45,800	81,400	46,300
	100.0	61,800	44,200	64,500	44,400	67,800	45,300	70,800	48,100	72,800	46,400	76,200	45,100	79,500	45,500
	104.0	61,500	44,100	63,800	44,000	67,000	44,900	69,700	47,600	71,600	45,900	74,800	44,500	78,000	44,900
	110.0	61,000	43,800	62,700	43,500	65,600	44,200	68,100	46,900	69,800	45,100	72,800	43,700	75,700	44,100
96	68.0	84,500	60,600	90,800	62,100	96,700	64,000	102,700	68,700	106,700	66,900	113,000	65,500	119,300	66,600
	73.0	84,500	60,600	90,800	62,100	96,700	64,000	102,700	68,700	106,700	66,900	113,000	65,500	119,300	66,600
	77.0	84,500	60,600	90,800	62,100	96,700	64,000	102,500	68,600	106,000	66,500	111,900	65,000	117,500	65,800
	82.0	84,300	60,500	90,100	61,800	95,600	63,400	100,700	67,800	104,000	65,600	109,600	64,100	115,000	64,800
	86.0	83,800	60,300	89,200	61,300	94,400	62,800	99,300	67,100	102,400	64,900	107,800	63,300	113,000	64,000
	91.0	83,300	60,000	88,000	60,700	93,000	62,100	97,500	66,200	100,500	64,000	105,500	62,400	110,400	63,000
	95.0	82,900	59,800	87,000	60,200	91,800	61,600	96,100	65,600	98,900	63,300	103,700	61,600	108,400	62,300
	100.0	82,300	59,500	85,800	59,600	90,300	60,900	94,300	64,700	96,900	62,400	101,400	60,700	105,800	61,300
	104.0	81,900	59,200	84,900	59,100	89,200	60,300	92,900	64,100	95,300	61,700	99,600	59,900	103,800	60,500
	110.0	81,200	58,900	83,500	58,400	87,400	59,500	90,800	63,100	93,000	60,700	96,900	58,900	100,800	59,400

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PEFY_NMHU-E_CC_USDB_PUHY-HP

6-2. Heating Capacity in Combination with PUHY-HP72,96THMU; -HP144,192TSHMU

PEFY-P-NMLU/NMHU-E

SHC : Sensible Heat Capacity(kW)

Model size	Outdoor air temp.	Indoor air temp. 15.0degC D.B.	21.1degC D.B.	25.0degC D.B.	27.2degC D.B.
	degC W.B.	SHC	SHC	SHC	SHC
06	-25.0	1.5	1.5	1.5	1.4
	-20.0	1.8	1.8	1.7	1.4
	-15.0	2.0	2.0	1.7	1.4
	-10.0	2.2	2.0	1.7	1.4
	-5.0	2.3	2.0	1.7	1.4
	0.0	2.3	2.0	1.7	1.4
	3.0	2.3	2.0	1.7	1.4
	6.0	2.4	2.0	1.7	1.4
	8.0	2.4	2.0	1.7	1.4
	10.0	2.5	2.0	1.7	1.4
	13.0	2.6	2.0	1.7	1.4
	16.0	2.7	2.0	1.7	1.4
	18.0	2.8	2.0	1.7	1.4
08	-25.0	2.0	2.0	2.0	1.9
	-20.0	2.3	2.3	2.2	1.9
	-15.0	2.6	2.6	2.2	1.9
	-10.0	2.9	2.6	2.2	1.9
	-5.0	3.0	2.6	2.2	1.9
	0.0	3.0	2.6	2.2	1.9
	3.0	3.0	2.6	2.2	1.9
	6.0	3.1	2.6	2.2	1.9
	8.0	3.2	2.6	2.2	1.9
	10.0	3.2	2.6	2.2	1.9
	13.0	3.4	2.6	2.2	1.9
	16.0	3.5	2.6	2.2	1.9
	18.0	3.6	2.6	2.2	1.9
12	-25.0	3.0	3.0	3.0	2.9
	-20.0	3.5	3.5	3.4	2.9
	-15.0	4.0	4.0	3.4	2.9
	-10.0	4.5	4.0	3.4	2.9
	-5.0	4.6	4.0	3.4	2.9
	0.0	4.6	4.0	3.4	2.9
	3.0	4.6	4.0	3.4	2.9
	6.0	4.7	4.0	3.4	2.9
	8.0	4.9	4.0	3.4	2.9
	10.0	5.0	4.0	3.4	2.9
	13.0	5.2	4.0	3.4	2.9
	16.0	5.4	4.0	3.4	2.9
	18.0	5.5	4.0	3.4	2.9
15	-25.0	3.8	3.8	3.8	3.6
	-20.0	4.4	4.4	4.2	3.6
	-15.0	5.0	5.0	4.2	3.6
	-10.0	5.6	5.0	4.2	3.6
	-5.0	5.8	5.0	4.2	3.6
	0.0	5.8	5.0	4.2	3.6
	3.0	5.8	5.0	4.2	3.6
	6.0	5.9	5.0	4.2	3.6
	8.0	6.1	5.0	4.2	3.6
	10.0	6.2	5.0	4.2	3.6
	13.0	6.5	5.0	4.2	3.6
	16.0	6.7	5.0	4.2	3.6
	18.0	6.9	5.0	4.2	3.6
18	-25.0	4.4	4.4	4.4	4.2
	-20.0	5.2	5.2	5.0	4.2
	-15.0	5.9	5.9	5.0	4.2
	-10.0	6.6	5.9	5.0	4.2
	-5.0	6.8	5.9	5.0	4.2
	0.0	6.8	5.9	5.0	4.2
	3.0	6.8	5.9	5.0	4.2
	6.0	7.0	5.9	5.0	4.2
	8.0	7.2	5.9	5.0	4.2
	10.0	7.4	5.9	5.0	4.2
	13.0	7.6	5.9	5.0	4.2
	16.0	7.9	5.9	5.0	4.2
	18.0	8.1	5.9	5.0	4.2
24	-25.0	5.9	5.9	5.9	5.7
	-20.0	7.0	7.0	6.6	5.7
	-15.0	7.9	7.9	6.6	5.7
	-10.0	8.8	7.9	6.6	5.7
	-5.0	9.1	7.9	6.6	5.7
	0.0	9.1	7.9	6.6	5.7
	3.0	9.1	7.9	6.6	5.7
	6.0	9.3	7.9	6.6	5.7
	8.0	9.6	7.9	6.6	5.7
	10.0	9.9	7.9	6.6	5.7
	13.0	10.2	7.9	6.6	5.7
	16.0	10.6	7.9	6.6	5.7
	18.0	10.9	7.9	6.6	5.7

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PEFY_NMHU-E_HC_USDB_PUHY-HP

SHC : Sensible Heat Capacity(kW)

Model size	Outdoor air temp.	Indoor air temp. 15.0degC D.B.	21.1degC D.B.	25.0degC D.B.	27.2degC D.B.
	degC W.B.	SHC	SHC	SHC	SHC
27	-25.0	6.6	6.6	6.6	6.3
	-20.0	7.7	7.7	7.4	6.3
	-15.0	8.8	8.8	7.4	6.3
	-10.0	9.8	8.8	7.4	6.3
	-5.0	10.1	8.8	7.4	6.3
	0.0	10.1	8.8	7.4	6.3
	3.0	10.1	8.8	7.4	6.3
	6.0	10.4	8.8	7.4	6.3
	8.0	10.7	8.8	7.4	6.3
	10.0	11.0	8.8	7.4	6.3
	13.0	11.4	8.8	7.4	6.3
	16.0	11.8	8.8	7.4	6.3
	18.0	12.1	8.8	7.4	6.3
30	-25.0	7.5	7.5	7.5	7.2
	-20.0	8.8	8.8	8.4	7.2
	-15.0	10.0	10.0	8.4	7.2
	-10.0	11.1	10.0	8.4	7.2
	-5.0	11.5	10.0	8.4	7.2
	0.0	11.5	10.0	8.4	7.2
	3.0	11.5	10.0	8.4	7.2
	6.0	11.8	10.0	8.4	7.2
	8.0	12.1	10.0	8.4	7.2
	10.0	12.5	10.0	8.4	7.2
	13.0	13.0	10.0	8.4	7.2
	16.0	13.4	10.0	8.4	7.2
	18.0	13.8	10.0	8.4	7.2
36	-25.0	8.8	8.8	8.8	8.4
	-20.0	10.3	10.3	9.8	8.4
	-15.0	11.7	11.7	9.8	8.4
	-10.0	13.0	11.7	9.8	8.4
	-5.0	13.5	11.7	9.8	8.4
	0.0	13.5	11.7	9.8	8.4
	3.0	13.5	11.7	9.8	8.4
	6.0	13.8	11.7	9.8	8.4
	8.0	14.2	11.7	9.8	8.4
	10.0	14.6	11.7	9.8	8.4
	13.0	15.2	11.7	9.8	8.4
	16.0	15.7	11.7	9.8	8.4
	18.0	16.1	11.7	9.8	8.4
48	-25.0	11.9	11.9	11.9	11.4
	-20.0	13.9	13.9	13.3	11.4
	-15.0	15.8	15.8	13.3	11.4
	-10.0	17.6	15.8	13.3	11.4
	-5.0	18.2	15.8	13.3	11.4
	0.0	18.2	15.8	13.3	11.4
	3.0	18.2	15.8	13.3	11.4
	6.0	18.7	15.8	13.3	11.4
	8.0	19.2	15.8	13.3	11.4
	10.0	19.7	15.8	13.3	11.4
	13.0	20.5	15.8	13.3	11.4
	16.0	21.2	15.8	13.3	11.4
	18.0	21.8	15.8	13.3	11.4
54	-25.0	13.2	13.2	13.2	12.7
	-20.0	15.5	15.5	14.8	12.7
	-15.0	17.6	17.6	14.8	12.7
	-10.0	19.6	17.6	14.8	12.7
	-5.0	20.3	17.6	14.8	12.7
	0.0	20.3	17.6	14.8	12.7
	3.0	20.3	17.6	14.8	12.7
	6.0	20.8	17.6	14.8	12.7
	8.0	21.4	17.6	14.8	12.7
	10.0	21.9	17.6	14.8	12.7
	13.0	22.8	17.6	14.8	12.7
	16.0	23.7	17.6	14.8	12.7
	18.0	24.2	17.6	14.8	12.7
72	-25.0	17.6	17.6	17.6	16.8
	-20.0	20.6	20.6	19.7	16.8
	-15.0	23.4	23.4	19.7	16.8
	-10.0	26.0	23.4	19.7	16.8
	-5.0	26.9	23.4	19.7	16.8
	0.0	26.9	23.4	19.7	16.8
	3.0	26.9	23.4	19.7	16.8
	6.0	27.7	23.4	19.7	16.8
	8.0	28.4	23.4	19.7	16.8
	10.0	29.2	23.4	19.7	16.8
	13.0	30.3	23.4	19.7	16.8
	16.0	31.5	23.4	19.7	16.8
	18.0	32.2	23.4	19.7	16.8

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PEFY_NMHU-E_HC_USDB_PUHY-HP

6. CAPACITY TABLES

PEFY-P-NMLU/NMHU-E SHC : Sensible Heat Capacity(kW)

Model size	Outdoor air temp.	Indoor air temp.			
		15.0degC D.B.	21.1degC D.B.	25.0degC D.B.	27.2degC D.B.
	degC W.B.	SHC	SHC	SHC	SHC
96	-25.0	23.8	23.8	23.8	22.8
	-20.0	27.9	27.9	26.6	22.8
	-15.0	31.7	31.7	26.6	22.8
	-10.0	35.3	31.7	26.6	22.8
	-5.0	36.5	31.7	26.6	22.8
	0.0	36.5	31.7	26.6	22.8
	3.0	36.5	31.7	26.6	22.8
	6.0	37.5	31.7	26.6	22.8
	8.0	38.5	31.7	26.6	22.8
	10.0	39.5	31.7	26.6	22.8
	13.0	41.1	31.7	26.6	22.8
	16.0	42.6	31.7	26.6	22.8
	18.0	43.6	31.7	26.6	22.8

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PEFY_NMHU-E_HC_USDB_PUHY-HP

PEFY-P-NMLU/NMHU-E

SHC : Sensible Heat Capacity(BTU/h)

Model size	Outdoor air temp.	Indoor air temp.			
		59degF D.B.	70degF D.B.	77degF D.B.	81degF D.B.
	degF W.B.	SHC	SHC	SHC	SHC
06	-13.0	5,100	5,100	5,100	4,900
	-4.0	6,000	6,000	5,700	4,900
	5.0	6,800	6,800	5,700	4,900
	14.0	7,600	6,800	5,700	4,900
	23.0	7,900	6,800	5,700	4,900
	32.0	7,900	6,800	5,700	4,900
	37.4	7,900	6,800	5,700	4,900
	43.0	8,100	6,800	5,700	4,900
	46.0	8,300	6,800	5,700	4,900
	50.0	8,500	6,800	5,700	4,900
	55.0	8,800	6,800	5,700	4,900
	60.0	9,200	6,800	5,700	4,900
	65.0	9,400	6,800	5,700	4,900
08	-13.0	6,700	6,700	6,700	6,400
	-4.0	7,800	7,800	7,500	6,400
	5.0	8,900	8,900	7,500	6,400
	14.0	9,900	8,900	7,500	6,400
	23.0	10,200	8,900	7,500	6,400
	32.0	10,200	8,900	7,500	6,400
	37.4	10,200	8,900	7,500	6,400
	43.0	10,500	8,900	7,500	6,400
	46.0	10,800	8,900	7,500	6,400
	50.0	11,100	8,900	7,500	6,400
	55.0	11,500	8,900	7,500	6,400
	60.0	11,900	8,900	7,500	6,400
	65.0	12,200	8,900	7,500	6,400
12	-13.0	10,200	10,200	10,200	9,800
	-4.0	12,000	12,000	11,500	9,800
	5.0	13,600	13,600	11,500	9,800
	14.0	15,200	13,600	11,500	9,800
	23.0	15,700	13,600	11,500	9,800
	32.0	15,700	13,600	11,500	9,800
	37.4	15,700	13,600	11,500	9,800
	43.0	16,100	13,600	11,500	9,800
	46.0	16,600	13,600	11,500	9,800
	50.0	17,000	13,600	11,500	9,800
	55.0	17,700	13,600	11,500	9,800
	60.0	18,300	13,600	11,500	9,800
	65.0	18,800	13,600	11,500	9,800
15	-13.0	12,800	12,800	12,800	12,300
	-4.0	15,000	15,000	14,300	12,300
	5.0	17,100	17,100	14,300	12,300
	14.0	19,000	17,100	14,300	12,300
	23.0	19,600	17,100	14,300	12,300
	32.0	19,600	17,100	14,300	12,300
	37.4	19,600	17,100	14,300	12,300
	43.0	20,200	17,100	14,300	12,300
	46.0	20,700	17,100	14,300	12,300
	50.0	21,300	17,100	14,300	12,300
	55.0	22,100	17,100	14,300	12,300
	60.0	22,900	17,100	14,300	12,300
	65.0	23,500	17,100	14,300	12,300
18	-13.0	15,100	15,100	15,100	14,500
	-4.0	17,700	17,700	16,900	14,500
	5.0	20,100	20,100	16,900	14,500
	14.0	22,400	20,100	16,900	14,500
	23.0	23,200	20,100	16,900	14,500
	32.0	23,200	20,100	16,900	14,500
	37.4	23,200	20,100	16,900	14,500
	43.0	23,800	20,100	16,900	14,500
	46.0	24,500	20,100	16,900	14,500
	50.0	25,100	20,100	16,900	14,500
	55.0	26,100	20,100	16,900	14,500
	60.0	27,100	20,100	16,900	14,500
	65.0	27,700	20,100	16,900	14,500
24	-13.0	20,200	20,200	20,200	19,400
	-4.0	23,700	23,700	22,600	19,400
	5.0	27,000	27,000	22,600	19,400
	14.0	30,000	27,000	22,600	19,400
	23.0	31,000	27,000	22,600	19,400
	32.0	31,000	27,000	22,600	19,400
	37.4	31,000	27,000	22,600	19,400
	43.0	31,900	27,000	22,600	19,400
	46.0	32,700	27,000	22,600	19,400
	50.0	33,600	27,000	22,600	19,400
	55.0	34,900	27,000	22,600	19,400
	60.0	36,200	27,000	22,600	19,400
	65.0	37,100	27,000	22,600	19,400

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PEFY_NMHU-E_HC_USDB_PUHY-HP

SHC : Sensible Heat Capacity(BTU/h)

Model size	Outdoor air temp.	Indoor air temp.			
		59degF D.B.	70degF D.B.	77degF D.B.	81degF D.B.
	degF W.B.	SHC	SHC	SHC	SHC
27	-13.0	22,500	22,500	22,500	21,600
	-4.0	26,400	26,400	25,200	21,600
	5.0	30,000	30,000	25,200	21,600
	14.0	33,400	30,000	25,200	21,600
	23.0	34,500	30,000	25,200	21,600
	32.0	34,500	30,000	25,200	21,600
	37.4	34,500	30,000	25,200	21,600
	43.0	35,500	30,000	25,200	21,600
	46.0	36,500	30,000	25,200	21,600
	50.0	37,400	30,000	25,200	21,600
	55.0	38,900	30,000	25,200	21,600
	60.0	40,400	30,000	25,200	21,600
	65.0	41,300	30,000	25,200	21,600
30	-13.0	25,600	25,600	25,600	24,600
	-4.0	30,000	30,000	28,700	24,600
	5.0	34,100	34,100	28,700	24,600
	14.0	38,000	34,100	28,700	24,600
	23.0	39,300	34,100	28,700	24,600
	32.0	39,300	34,100	28,700	24,600
	37.4	39,300	34,100	28,700	24,600
	43.0	40,300	34,100	28,700	24,600
	46.0	41,400	34,100	28,700	24,600
	50.0	42,600	34,100	28,700	24,600
	55.0	44,200	34,100	28,700	24,600
	60.0	45,900	34,100	28,700	24,600
	65.0	47,000	34,100	28,700	24,600
36	-13.0	29,900	29,900	29,900	28,700
	-4.0	35,100	35,100	33,500	28,700
	5.0	39,900	39,900	33,500	28,700
	14.0	44,400	39,900	33,500	28,700
	23.0	45,900	39,900	33,500	28,700
	32.0	45,900	39,900	33,500	28,700
	37.4	45,900	39,900	33,500	28,700
	43.0	47,200	39,900	33,500	28,700
	46.0	48,500	39,900	33,500	28,700
	50.0	49,800	39,900	33,500	28,700
	55.0	51,700	39,900	33,500	28,700
	60.0	53,700	39,900	33,500	28,700
	65.0	55,000	39,900	33,500	28,700
48	-13.0	40,400	40,400	40,400	38,800
	-4.0	47,400	47,400	45,300	38,800
	5.0	53,900	53,900	45,300	38,800
	14.0	60,000	53,900	45,300	38,800
	23.0	62,000	53,900	45,300	38,800
	32.0	62,000	53,900	45,300	38,800
	37.4	62,000	53,900	45,300	38,800
	43.0	63,700	53,900	45,300	38,800
	46.0	65,500	53,900	45,300	38,800
	50.0	67,200	53,900	45,300	38,800
	55.0	69,900	53,900	45,300	38,800
	60.0	72,500	53,900	45,300	38,800
	65.0	74,200	53,900	45,300	38,800
54	-13.0	45,000	45,000	45,000	43,200
	-4.0	52,800	52,800	50,400	43,200
	5.0	60,100	60,100	50,400	43,200
	14.0	66,800	60,100	50,400	43,200
	23.0	69,100	60,100	50,400	43,200
	32.0	69,100	60,100	50,400	43,200
	37.4	69,100	60,100	50,400	43,200
	43.0	71,000	60,100	50,400	43,200
	46.0	72,900	60,100	50,400	43,200
	50.0	74,900	60,100	50,400	43,200
	55.0	77,800	60,100	50,400	43,200
	60.0	80,700	60,100	50,400	43,200
	65.0	82,700	60,100	50,400	43,200
72	-13.0	59,900	59,900	59,900	57,500
	-4.0	70,300	70,300	67,100	57,500
	5.0	79,800	79,800	67,100	57,500
	14.0	88,900	79,800	67,100	57,500
	23.0	91,900	79,800	67,100	57,500
	32.0	91,900	79,800	67,100	57,500
	37.4	91,900	79,800	67,100	57,500
	43.0	94,400	79,800	67,100	57,500
	46.0	97,000	79,800	67,100	57,500
	50.0	99,600	79,800	67,100	57,500
	55.0	103,400	79,800	67,100	57,500
	60.0	107,300	79,800	67,100	57,500
	65.0	109,900	79,800	67,100	57,500

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PEFY_NMHU-E_HC_USDB_PUHY-HP

6. CAPACITY TABLES

PEFY-P-NMLU/NMHU-E SHC : Sensible Heat Capacity(BTU/h)

Model size	Outdoor air temp.	Indoor air temp.			
		59degF D.B.	70degF D.B.	77degF D.B.	81degF D.B.
	degF W.B.	SHC	SHC	SHC	SHC
96	-13.0	81,100	81,100	81,100	77,900
	-4.0	95,200	95,200	90,900	77,900
	5.0	108,200	108,200	90,900	77,900
	14.0	120,400	108,200	90,900	77,900
	23.0	124,500	108,200	90,900	77,900
	32.0	124,500	108,200	90,900	77,900
	37.4	124,500	108,200	90,900	77,900
	43.0	127,900	108,200	90,900	77,900
	46.0	131,400	108,200	90,900	77,900
	50.0	134,900	108,200	90,900	77,900
	55.0	140,100	108,200	90,900	77,900
	60.0	145,400	108,200	90,900	77,900
	65.0	148,900	108,200	90,900	77,900

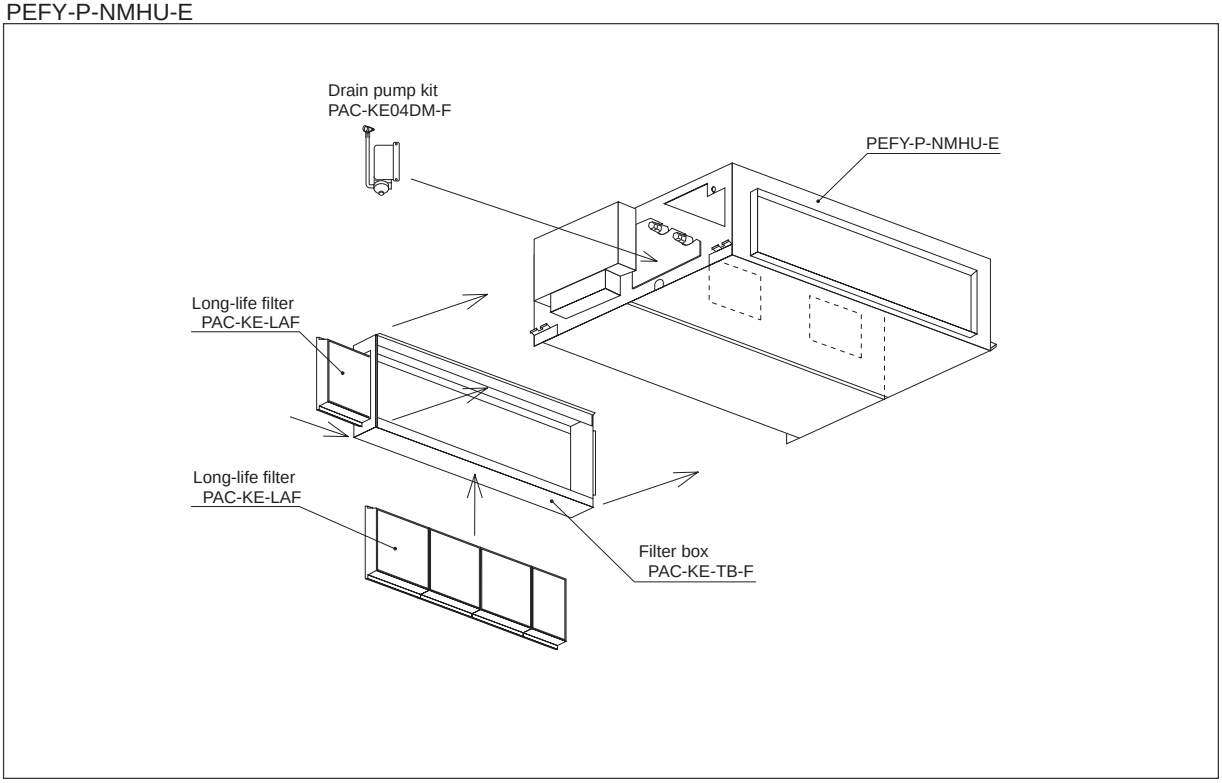
kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PEFY_NMHU-E_HC_USDB_PUHY-HP

7-1. Optional Parts Line Up for the Indoor Unit

	Long-life filter	Filter box	Drain pump kit	External heater adaptor
PEFY-P06,08,12NMLU-E	–	–	–	PAC-YU24HT-F
PEFY-P15,18,24NMHU-E	PAC-KE86LAF	PAC-KE63TB-F	PAC-KE04DM-F	PAC-YU24HT-F
PEFY-P27,30NMHU-E	PAC-KE88LAF	PAC-KE80TB-F	PAC-KE04DM-F	PAC-YU24HT-F
PEFY-P36,48,54NMHU-E	PAC-KE89LAF	PAC-KE140TB-F	PAC-KE04DM-F	PAC-YU24HT-F
PEFY-P72,96NMHU-E	PAC-KE85LAF	PAC-KE250TB-F	PAC-KE04DM-F	PAC-YU24HT-F

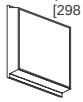
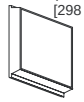
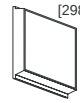
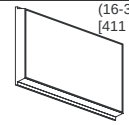
PEFY-P-NMHU-E



7-2. Long-life Filter PAC-KE-LAF and Filter Box PAC-KE-TB-F for PEFY-P-NMHU-E

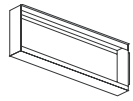
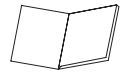
Life span: 2,500 hr
*. The actual dust situation affects the filter life span, which should be considered at the applying site.
Material: Synthetic fiber unwoven cloth filter
Static pressure loss is referred to 5 "Fan characteristics curves".
Long-life filter should be used together with filter box PAC-KE-TB-F.

PAC-KE-LAF

Item	PAC-KE86LAF	PAC-KE88LAF	PAC-KE89LAF	PAC-KE85LAF
Quantity	2	3	3	2
Shape	(11-3/4 x 11-13/16" [298 x 300mm]) 	(11-3/4 x 11-13/16" [298 x 300mm]) 	(11-3/4 x 11-13/16" [298 x 300mm]) 	(16-3/16 x 23-5/8" [411 x 600mm]) 

See the Installation Manual (WT02574X04) for detailed installation information.

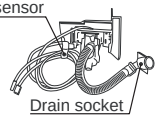
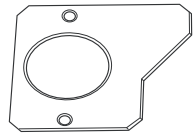
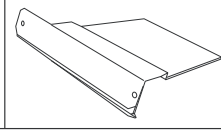
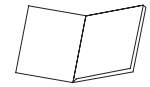
PAC-KE-TB-F

Item	① Screw	② Filter box	③ Installation manual	
Quantity	10/12*	1	1	
Shape				*PAC-KE250TB includes 12-10/12 screws.

See the Installation Manual (WT03018X02, WT03019X02) for detailed installation information.

7-3. Drain Pump Kit PAC-KE04DM-F for PEFY-P-NMHU-E

If drain water cannot flow out the Indoor unit by gravity and gradient, a Drain-pump-kit for draining is needed.
Drain pump kit PAC-KE04DM-F can pump water up to 21-21/32" (550mm) high from the drain pan.

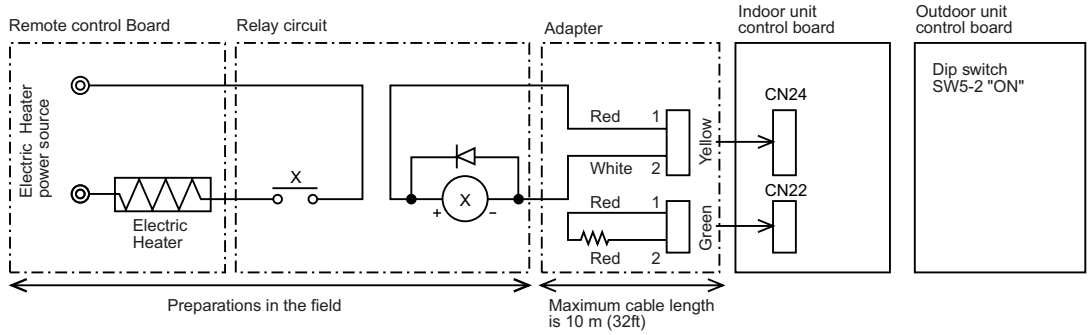
Item	① Drain pump ass'y	② Separator	③ Rubber plug	④ Connector	⑤ Dummy connector
Quantity	1	1	2	1	1
Shape	Drain sensor  Drain socket				
Item	⑥ Rubber bushing	⑦ Band	⑧ PTT screw 4X10	⑨ Fixing plate	⑩ Installation manual
Quantity	1	2	6+1 (spare)	1	1
Shape					

See the Installation Manual (WT03312X02) for detailed installation information.

7-4. External Heater Adapter PAC-YU24HT

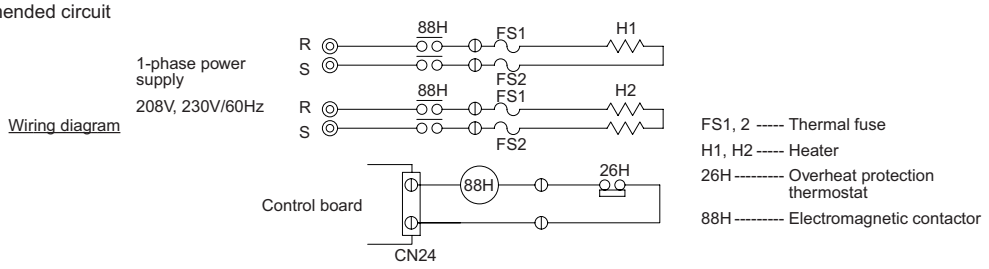
External heater adapter PAC-YU24HT is a set of special wiring parts for controlling the electric heater* with the air-conditioner system.
*The electric heater should be designed and prepared at the site.

A basic connection method is shown as follows: (For details, refer to in the Installation Manual.)

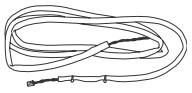


For relay X use the specifications given below Operation coil
Rated voltage : 12VDC
Power consumption : 0.9W or less
* Use the diode that is recommended by the relay manufacturer at both ends of the relay coil.
The length of the electrical wiring for the PAC-YU24HT is 2 meters (6-1/2 ft)
To extend this length, use sheathed 2-core cable.
Control cable type : CVV, CVS, CPEV or equivalent.
Cable size : 0.5 mm^2 ~ 1.25 mm^2 (16 to 22 AWG)
Don't extend the cable more than 10 meters (32ft)

Recommended circuit



Wiring diagram

Item	① External output cable	② Fan speed setting cable with resistance	
Quantity	2	2	
Shape			

Refer to the Installation Manual (WT04645X02) for wiring and installation details.