

PEFY-P-NMSU-E, NMH(S)U-E

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1. SPECIFICATIONS

DATA U8

PEFY

Model			PEFY-P06NMSU-E	PEFY-P08NMSU-E	PEFY-P12NMSU-E	PEFY-P15NMSU-E	
Power source			1-phase 208/230V 60Hz				
Cooling capacity (Nominal)	*1	BTU / h	6,000	8,000	12,000	15,000	
	*1	kW	1.8	2.3	3.5	4.4	
	*4	Power input	kW	0.05/0.05	0.07/0.07	0.07/0.07	
	*4	Current input	A	0.42/0.41	0.56/0.53	0.57/0.55	
Heating capacity (Nominal)	*2	BTU / h	6,700	9,000	13,500	17,000	
	*2	kW	2.0	2.6	4.0	5.0	
	*4	Power input	kW	0.03/0.03	0.05/0.05	0.05/0.05	
	*4	Current input	A	0.32/0.31	0.41/0.39	0.47/0.45	
External finish			Galvanized				
External dimension H x W x D		in.	7-7/8 x 31-1/8 x 27-9/16	7-7/8 x 31-1/8 x 27-9/16	7-7/8 x 31-1/8 x 27-9/16	7-7/8 x 39 x 27-9/16	
		mm	200 x 790 x 700	200 x 790 x 700	200 x 790 x 700	200 x 990 x 700	
Net weight		lbs (kg)	42(19)	42(19)	46(20)	54(24)	
Heat exchanger			Cross fin(Aluminium fin and copper tube)				
FAN	Type x Quantity		Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 3	
	*5	External-static press (208V)	in.WG	<0.02>-0.06-<0.14>-<0.20>	<0.02>-0.06-<0.14>-<0.20>	<0.02>-0.06-<0.14>-<0.20>	<0.02>-0.06-<0.14>-<0.20>
			Pa	<5>-15-<35>-<50>	<5>-15-<35>-<50>	<5>-15-<35>-<50>	<5>-15-<35>-<50>
		(230V)	in.WG	<0.02>-0.06-<0.14>-<0.20>	<0.02>-0.06-<0.14>-<0.20>	<0.02>-0.06-<0.14>-<0.20>	<0.02>-0.06-<0.14>-<0.20>
			Pa	<5>-15-<35>-<50>	<5>-15-<35>-<50>	<5>-15-<35>-<50>	<5>-15-<35>-<50>
	Motor type		DC motor				
	Motor output		kW	0.096	0.096	0.096	0.096
	Driving mechanism		Direct-driven				
	Airflow rate (Low-Mid-High)		cfm	176-212-247	194-247-317	211-282-370	282-335-388
			m3 / min	5-6-7	5.5-7-9	6-8-10.5	8-9.5-11
			L / s	83-100-117	91-116-150	100-133-175	133-158-183
Sound pressure level (Low-Mid-High) (measured in anechoic room)		dB <A>	22-24-28 (208V)	23-26-30 (208V)	23-28-35 (208V)	28-30-33 (208V)	
		dB <A>	22-24-28 (230V)	23-26-30 (230V)	23-28-35 (230V)	28-30-33 (230V)	
		*4	dB <A>	-	-	-	-
Insulation material			Polystyrene foam,Polyethylene foam,Urethane foam				
Air filter			PP Honeycomb fabric (washable)				
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			*3	R410A CITY MULTI	R410A CITY MULTI	R410A 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	1/4 (6.35) Brazed	
	Gas (R410A)	in. (mm)	1/2 (12.7) Brazed	1/2 (12.7) Brazed	1/2 (12.7) Brazed	1/2 (12.7) Brazed	
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		WKB94L522				
	Wiring		WKB94L523				
	Refrigerant cycle		-				
Standard attachment	Document		Installation Manual, Instruction Book				
	Accessory		Drain hose (flexible joint)				
Optional parts	External heater adapter		PAC-YU25HT	PAC-YU25HT	PAC-YU25HT	PAC-YU25HT	
Remarks			*Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *Due to continuing improvement, above specification may be subject to change without notice.				

Notes :			*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit convertor
			Indoor : 80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
			Outdoor : 95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	BTU/h = kW x 3,412
			Pipe length : 25 ft. (7.6 m)	25 ft. (7.6 m)	cfm = m3/min x 35.31
			Level difference : 0 ft. (0 m)	0 ft. (0 m)	lbs = kg / 0.4536
			*3 PUHY-THMU,PURY-THMU,PUHY-YHMU,PURY-YHMU,PUMY-NHMU		
			*4 The values are measured at the factory setting of external static pressure.		
			*5 The factory setting of external static pressure is shown without < >.		
			Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.		
					*Above specification data is subject to rounding variation.

Ref.: PEFY_NMSU-E_SPC_USDB_P06-P15

1. SPECIFICATIONS

DATA U8

PEFY

Model			PEFY-P18NMSU-E	PEFY-P24NMSU-E			
Power source			1-phase 208/230V 60Hz				
Cooling capacity (Nominal)	*1	BTU / h	18,000	24,000			
	*1	kW	5.3	7.0			
	*4	Power input	0.09/0.09	0.12/0.12			
	*4	Current input	0.74/0.70	0.98/0.93			
Heating capacity (Nominal)	*2	BTU / h	20,000	27,000			
	*2	kW	5.9	7.9			
	*4	Power input	0.07/0.07	0.10/0.10			
	*4	Current input	0.64/0.60	0.88/0.83			
External finish			Galvanized				
External dimension H x W x D		in.	7-7/8 x 39 x 27-9/16	7-7/8 x 46-7/8 x 27-9/16			
		mm	200 x 990 x 700	200 x 1190 x 700			
Net weight		lbs (kg)	54(24)	62(28)			
Heat exchanger			Cross fin(Aluminium fin and copper tube)				
FAN	Type x Quantity		Sirocco fan x 3	Sirocco fan x 4			
	*5 External-static press	(208V) in.WG	<0.02>-0.06-<0.14>-<0.20>	<0.02>-0.06-<0.14>-<0.20>			
		Pa	<5>-15-<35>-<50>	<5>-15-<35>-<50>			
		(230V) in.WG	<0.02>-0.06-<0.14>-<0.20>	<0.02>-0.06-<0.14>-<0.20>			
		Pa	<5>-15-<35>-<50>	<5>-15-<35>-<50>			
	Motor type		DC motor				
	Motor output		kW	0.096	0.096		
	Driving mechanism		Direct-driven				
	Airflow rate (Low-Mid-High)	cfm	353-441-529	423-565-706			
		m3 / min	10-12.5-15	12-16-20			
		L / s	167-208-250	200-267-333			
Sound pressure level (Low-Mid-High) (measured in anechoic room)		dB <A>	30-34-37 (208V)	30-35-40 (208V)			
		dB <A>	30-34-37 (230V)	30-35-40 (230V)			
		*4 dB <A>	-	-			
Insulation material			Polystyrene foam,Polyethylene foam,Urethane foam				
Air filter			PP Honeycomb fabric (washable)				
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI			
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	1/4 (6.35) Brazed	3/8 (9.52) Brazed			
	Gas (R410A)	in. (mm)	1/2 (12.7) Brazed	5/8 (15.88) Brazed			
Field drain pipe size		in. (mm)	O.D. 1-1/4(32)	O.D. 1-1/4(32)			
Drawing	External		WKB94L522				
	Wiring		WKB94L523				
	Refrigerant cycle		-				
Standard attachment	Document		Installation Manual, Instruction Book				
	Accessory		Drain hose (flexible joint)				
Optional parts	External heater adapter		PAC-YU25HT	PAC-YU25HT			
Remarks			*Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *Due to continuing improvement, above specification may be subject to change without notice.				

Notes :		*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit convertor
		Indoor : 80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
		Outdoor : 95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	BTU/h = kW x 3,412
		Pipe length : 25 ft. (7.6 m)	25 ft. (7.6 m)	cfm = m3/min x 35.31
		Level difference : 0 ft. (0 m)	0 ft. (0 m)	lbs = kg / 0.4536
		*The external static pressure is set to 15 Pa at factory shipment.		
		*4 The values are measured at the factory setting of external static pressure.		
		*5 The factory setting of external static pressure is shown without < > .		
		Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.		
				*Above specification data is subject to rounding variation.

Ref.: PEFY_NMSU-E_SPC_USDB_P18-P24

1. SPECIFICATIONS

DATA U8

PEFY

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	
	*3	Power input	0.188/0.207	0.188/0.207	0.245/0.270	0.270/0.297	
	*3	Current input	0.96/1.06	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	
	*3	Power input	0.188/0.207	0.188/0.207	0.245/0.270	0.270/0.297	
	*3	Current input	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	
	*4	External-static press (208V)	in.WG	<N/A>-0.20-<0.64>	<N/A>-0.20-<0.64>	<N/A>-0.20-<0.64>	
			Pa	<N/A>-50-<160>	<N/A>-50-<160>	<N/A>-50-<160>	
		(230V)	in.WG	<0.40>-0.60-<0.80>	<0.40>-0.60-<0.80>	<0.40>-0.60-<0.80>	
			Pa	<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	
Sound pressure 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)	
		*3	dB <A>	-	-	-	-
Insulation material			Polystyrene foam,Polyethylene foam,Urethane foam				
Air filter			Optional				
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			R410A CITY MULTI				
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	1/4 (6.35) Flare	1/4 (6.35) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	
	Gas (R410A)	in. (mm)	1/2 (12.7) Flare	1/2 (12.7) 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 W660134 -				
	Wiring						
	Refrigerant cycle						
Standard attachment	Document		Installation Manual,Installation Book Drain hose I.D. 1-1/4inch (32mm)(flexible joint)				
	Accessory						
Optional parts	Drain pump		PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	
	External heater adapter		PAC-YU25HT	PAC-YU25HT	PAC-YU25HT	PAC-YU25HT	
	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	
Remarks			*Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *Due to continuing improvement, above specification may be subject to change without notice.				

Notes :	*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
	Outdoor : 95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	BTU/h = kW x 3,412
	Pipe length : 25 ft. (7.6 m)	25 ft. (7.6 m)	cfm = m3/min x 35.31
	Level difference : 0 ft. (0 m)	0 ft. (0 m)	lbs = kg / 0.4536
*3 The values are measured at the factory setting of external static pressure.			*Above specification data is subject to rounding variation.
*4 The factory setting of external static pressure is shown without < >.			
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.			

Ref.: Spec_PEFY-P15-27NMHU-E

1. SPECIFICATIONS

DATA U8

PEFY

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
	*3	Power input	0.326/0.360	0.683/0.754	0.683/0.754	0.695/0.767
	*3	Current input	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
	*3	Power input	0.326/0.360	0.683/0.754	0.683/0.754	0.695/0.767
	*3	Current input	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
	*4	External-static press (208V)	in.WG	<N/A>-0.20-<0.64>	<N/A>-0.20-<0.64>	<N/A>-0.20-<0.64>
			Pa	<N/A>-50-<160>	<N/A>-50-<160>	<N/A>-50-<160>
		(230V)	in.WG	<0.40>-0.60-<0.80>	<0.40>-0.60-<0.80>	<0.40>-0.60-<0.80>
			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	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) (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)	
		*3	dB <A>	-	-	-
Insulation material			Polystyrene foam,Polyethylene foam,Urethane foam			
Air filter			Optional			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A 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	3/8 (9.52) Flare
	Gas (R410A)	in. (mm)	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		PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F
	External heater adapter		PAC-YU25HT	PAC-YU25HT	PAC-YU25HT	PAC-YU25HT
	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
Remarks			*Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *Due to continuing improvement, above specification may be subject to change without notice.			

Notes :		*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
Outdoor :		95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	BTU/h = kW x 3,412
Pipe length :		25 ft. (7.6 m)	25 ft. (7.6 m)	cfm = m ³ /min x 35.31
Level difference :		0 ft. (0 m)	0 ft. (0 m)	lbs = kg / 0.4536
*3 The values are measured at the factory setting of external static pressure.				
*4 The factory setting of external static pressure is shown without < >.				
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.				

Ref.: Spec_PEFY-P30-54NMHU-E

1. SPECIFICATIONS

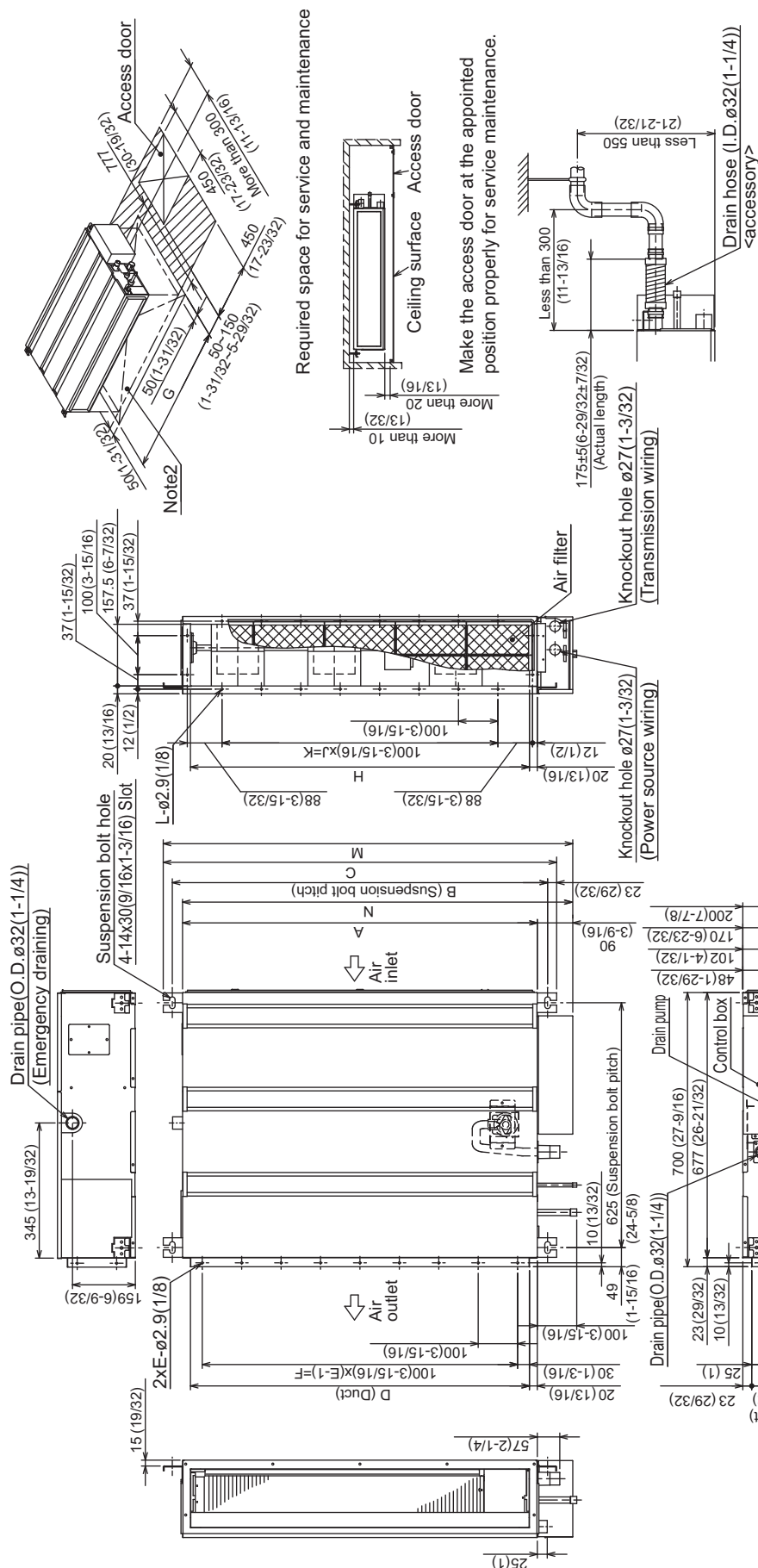
DATA U8

PEFY

Model			PEFY-P72NMHSU-E	PEFY-P96NMHSU-E			
Power source			1-phase 208-230 V 50/60 Hz	1-phase 208-230 V 50/60 Hz			
Cooling capacity (Nominal)	*1	BTU / h	72,000	96,000			
	*1	kW	21.1	28.1			
	*2	Power input	0.63	0.82			
	*2	Current input (208/230V)	A	3.67/3.32	4.89/4.43		
Heating capacity (Nominal)	*3	BTU / h	80,000	108,000			
	*3	kW	23.4	31.7			
	*2	Power input	0.63	0.82			
	*2	Current input (208/230V)	A	3.67/3.32	4.89/4.43		
External finish			Galvanized steel plate	Galvanized steel plate			
External dimension HxWxD		in.	18-9/16 x 49-1/4 x 44-1/8	18-9/16 x 49-1/4 x 44-1/8			
		mm	470 x 1,250 x 1,120	470 x 1,250 x 1,120			
Net weight		lbs (kg)	214 (97)	221 (100)			
Heat exchanger			Cross fin(Aluminum fin and copper tube)				
FAN	Type x Quantity		Sirocco fan x 2	Sirocco fan x 2			
	*4	External static press. (208V)	in.WG	<0.20> - <0.40> - 0.60 - <0.80> - <1.00>	<0.20> - <0.40> - 0.60 - <0.80> - <1.00>		
			Pa	<50> - <100> - 150 - <200> - <250>	<50> - <100> - 150 - <200> - <250>		
		(230V)	in.WG	<0.20> - <0.40> - 0.60 - <0.80> - <1.00>	<0.20> - <0.40> - 0.60 - <0.80> - <1.00>		
			Pa	<50> - <100> - 150 - <200> - <250>	<50> - <100> - 150 - <200> - <250>		
	Motor Type		DC motor	DC motor			
	Motor output		kW	0.870	0.870		
	Driving mechanism		Inverter-control	Inverter-control			
	Air flow rate		(Low-Mid-High)		(Low-Mid-High)		
			cfm	1,766 - 2,154 - 2,542	2,048 - 2,507 - 2,966		
			m³ / min	50.0 - 61.0 - 72.0	58.0 - 71.0 - 84.0		
			L/s	833 - 1,017 - 1,200	967 - 1,183 - 1,400		
Sound pressure level (measured in anechoic room)		*2	(Low-Mid-High)	(Low-Mid-High)			
		(208V)	dB <A>	36-39-43	39-42-46		
		(230V)	dB <A>	36-39-43	39-42-46		
Insulation material			EPS, Polyethylene foam, Urethane foam				
Air filter			Option:Synthetic fiber unwoven cloth filter(long life filter) and filter box are recommended.				
Protection device			Fuse	Fuse			
Refrigerant control device			LEV	LEV			
Connectable outdoor unit			R410A	R410A			
Diameter of refrigerant pipe	Liquid (R410A)	in. (mm)	3/8(9.52)Brazed	3/8(9.52)Brazed			
	Gas (R410A)	in. (mm)	3/4(19.05)Brazed	7/8(22.22)Brazed			
Field drain pipe size		in. (mm)	O.D.1-1/4(32)	O.D.1-1/4(32)			
Drawing	External		KD94L345	KD94L345			
	Wiring		KD94L346	KD94L346			
	Refrigerant cycle		-	-			
Standard attachment	Document		Installation Manual, Instruction Book				
	Accessory		Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band				
Optional parts	Drain pump		PAC-KE05DM-F	PAC-KE05DM-F			
	External heater adapter		PAC-YU25HT	PAC-YU25HT			
	Long life filter		PAC-KE85LAF	PAC-KE85LAF			
	Filter box		PAC-KE250TB-F	PAC-KE250TB-F			
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.				

Notes :					Unit converter	
1.Nominal cooling conditions Indoor:80°F.D.B./67°F.W.B.(26.7°C.D.B./19.4°C.W.B.), Outdoor:95°F.D.B.(35°C.D.B.) Pipe length:25ft.(7.6m), Level difference:0ft.(0m)					kcal	=kW x 860
2.The values are measured at the factory setting of external static pressure.					BTU/h	=kW x 3,412
3.Nominal heating conditions Indoor:70°F.D.B.(21.1°C.D.B.), Outdoor:47°F.D.B./43°F.W.B.(8.3°C.D.B./6.1°C.W.B.) Pipe length:25ft.(7.6m), Level difference:0ft.(0m)					cfm	=m ³ /min x 35.31
4.The factory setting of external static pressure is shown without < > . Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.					lbs	=kg / 0.4536
					*Above specification data is subject to rounding variation.	

PEFY-P06,08,12,15,18,24NMSU-E

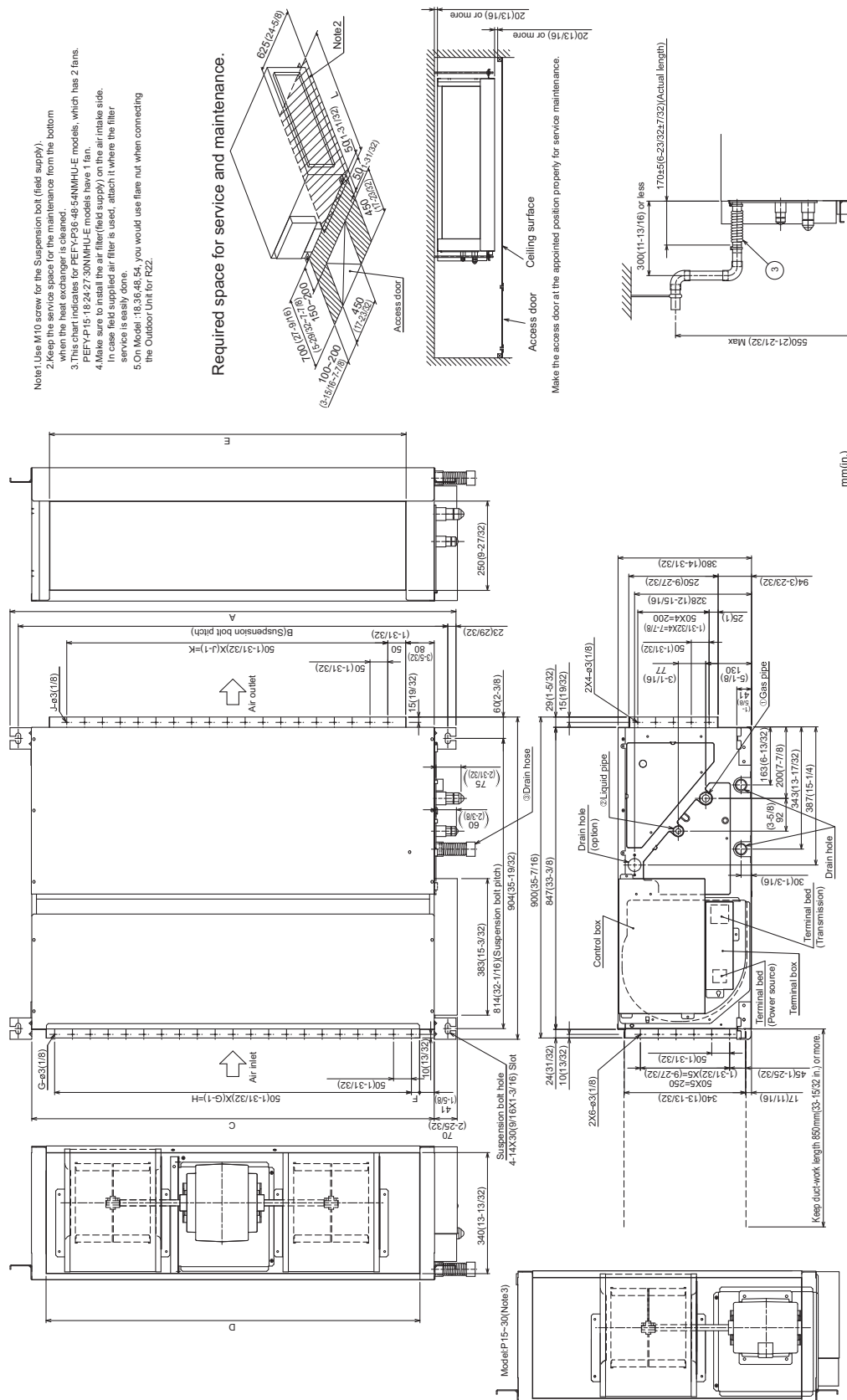


Ref.: PEFY_NMSU_EXD_USDB_ALL
Unit : mm(in)

1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEFY-P15~18NMSU-E models, which has 3 fans.
PEFY-P06~12NMSU-E models have 2 fans.
PEFY-P24NMSU-E model have 4 fans.
4. In case of the inlet duct is used, remove the air filter(supply with the unit), then install the filter(field supply) at suction side.

Model		brazing connection (gas)										brazing connection (liquid)										spontaneous brazing									
A	B	C	D	E	F	G	H	J	K	L	M	N	① Gas pipe	② Liquid pipe	mm(in.)																
700	752	798	660	7	600	800	660	5	500	16	839	790																			
(27-9/16)	(29-5/8)	(31-7/16)	(26)		(23-5/8)	(31-1/2)	(26)		(19-11/16)		(35-1/16)	(31-1/8)	ø12.7 (1/2)	ø6.35 (1/4)																	
900	952	998	860	9	800	1000	860	7	700	20	1039	990																			
(35-7/16)	(37-1/2)	(39-5/16)	(33-7/8)		(31-1/2)	(39-3/8)	(33-7/8)		(27-9/16)		(40-29/32)	(39)	ø12.7 (1/2)	ø6.35 (1/4)																	
1100	1152	1198	1060	11	1000	1200	1060	9	900		1239	1190																			
(43-5/16)	(47-3/16)	(41-3/4)	(41-3/4)		(39-3/8)	(42-1/4)	(41-3/4)		(35-25/64)		(48-25/64)	(46-7/8)	ø15.88 (5/8)	ø9.52 (3/8)																	

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



When installing the drain pump (option).

Model	A	B	C	D	E	F	G	H	J	K	L	① Gas pipe <Iare> ② Liquid pipe <Iare> ③ Drain hose	mm(in.)
PEFY-P15MMH-UE	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)	ø6.35(1/4)
PEFY-P18MMH-UE	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)	ø6.35(1/4)
PEFY-P27 30MMH-UE	1050 (41-11/16)	1004 (39-17/32)	950 (37-1/2)	850 (33-1/2)	800 (31-1/2)	25 (1)	17	800 (31-1/2)	15	780 (27-9/16)	1030 (40-9/16)	ø15.88(5/8)	ø9.52(3/8)
PEFY-P27 30MMH-UE	1050 (41-11/16)	1004 (39-17/32)	950 (37-1/2)	850 (33-1/2)	800 (31-1/2)	25 (1)	17	800 (31-1/2)	15	780 (27-9/16)	1030 (40-9/16)	ø15.88(5/8)	ø9.52(3/8)
PEFY-P36 48.5MMH-UE	1250 (49-1/8)	1204 (47-3/8)	1130 (44-1/2)	1050 (41-1/2)	1000 (39-1/2)	25 (1)	21	1000 (39-1/2)	19	900 (35-1/2)	1230 (48-3/8)	ø15.88(5/8)	ø9.52(3/8)

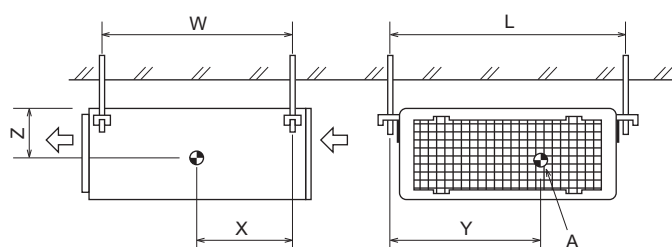
DATA U8

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PEFY-P06,08,12,15,18,24NMSU-E

Ref.: PEFY_NMSU_COG_USDB_ALL

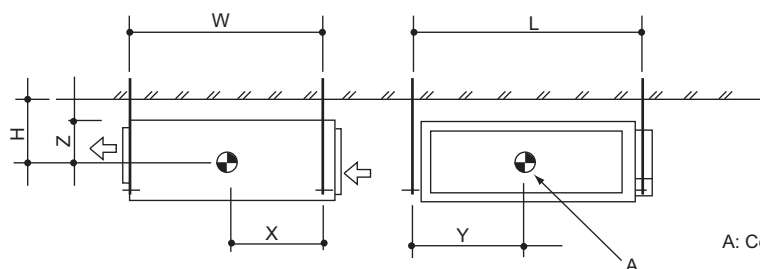


A: Center of gravity

Model name	W	L	X	Y	Z
PEFY-P06NMSU-E	625 [24-5/8]	752 [29-5/8]	263 [10-3/8]	338 [13-5/16]	105 [4-5/32]
PEFY-P08NMSU-E	625 [24-5/8]	752 [29-5/8]	263 [10-3/8]	338 [13-5/16]	105 [4-5/32]
PEFY-P12NMSU-E	625 [24-5/8]	752 [29-5/8]	275 [10-27/32]	340 [13-13/32]	104 [4-1/8]
PEFY-P15NMSU-E	625 [24-5/8]	952 [37-1/2]	280 [11-1/32]	422 [16-5/8]	104 [4-1/8]
PEFY-P18NMSU-E	625 [24-5/8]	952 [37-1/2]	280 [11-1/32]	422 [16-5/8]	104 [4-1/8]
PEFY-P24NMSU-E	625 [24-5/8]	1152 [45-3/8]	285 [11-1/4]	511 [20-1/8]	104 [4-1/8]

(mm)[in]

PEFY-P15,18,24,27,30,36,48,54,72,96NMH(S)U-E



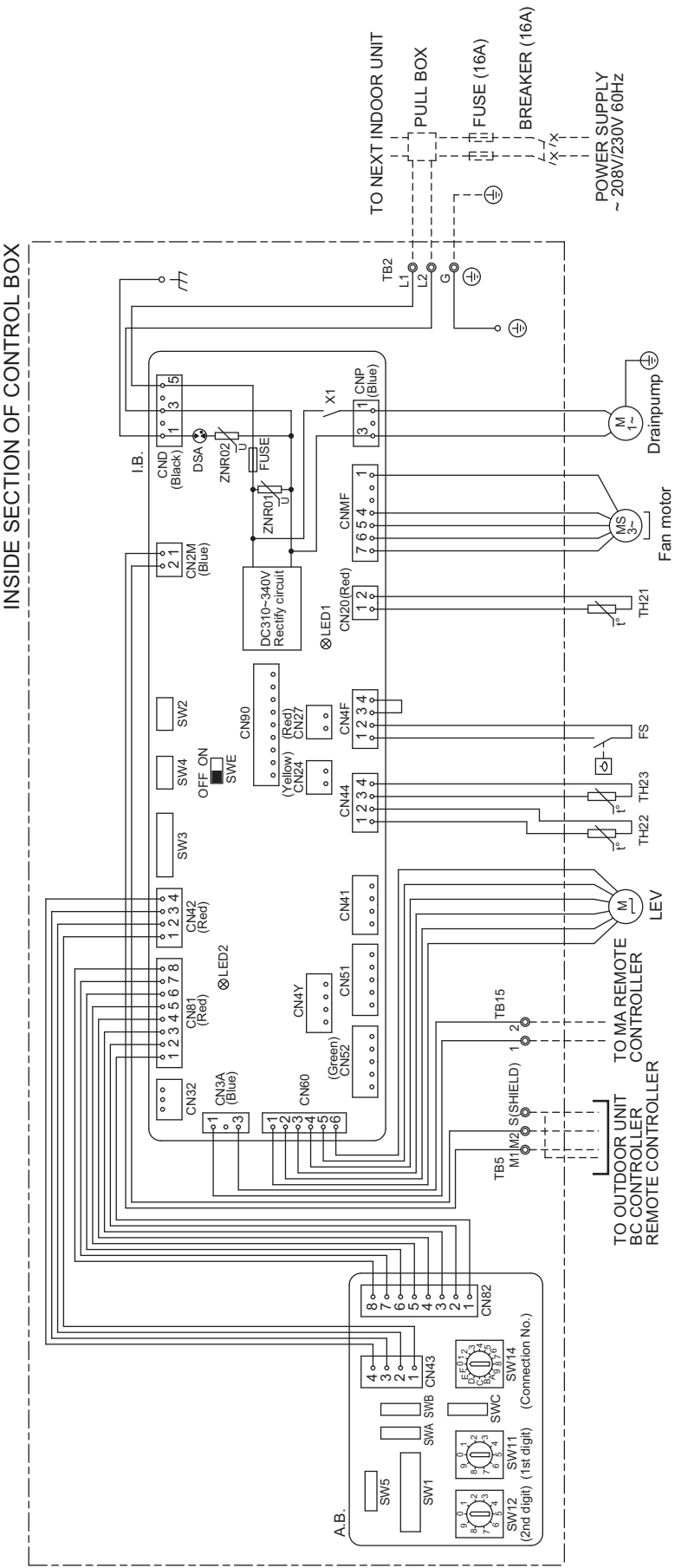
A: Center of gravity

Model name	W	L	H	X	Y	Z
PEFY-P15NMHU-E	814 [32-1/16]	754 [29-11/16]	210 [8-9/32]	374 [14-3/4]	440 [17-11/32]	190 [7-1/2]
PEFY-P18NMHU-E	814 [32-1/16]	754 [29-11/16]	210 [8-9/32]	374 [14-3/4]	440 [17-11/32]	190 [7-1/2]
PEFY-P24NMHU-E	814 [32-1/16]	754 [29-11/16]	210 [8-9/32]	374 [14-3/4]	440 [17-11/32]	190 [7-1/2]
PEFY-P27NMHU-E	814 [32-1/16]	1004 [39-17/32]	210 [8-9/32]	394 [15-17/32]	584 [22-32/32]	190 [7-1/2]
PEFY-P30NMHU-E	814 [32-1/16]	1004 [39-17/32]	210 [8-9/32]	394 [15-17/32]	584 [22-32/32]	190 [7-1/2]
PEFY-P36NMHU-E	814 [32-1/16]	1204 [47-13/32]	210 [8-9/32]	364 [14-11/32]	649 [25-9/16]	190 [7-1/2]
PEFY-P48NMHU-E	814 [32-1/16]	1204 [47-13/32]	210 [8-9/32]	364 [14-11/32]	649 [25-9/16]	190 [7-1/2]
PEFY-P54NMHU-E	814 [32-1/16]	1204 [47-13/32]	210 [8-9/32]	364 [14-11/32]	649 [25-9/16]	190 [7-1/2]
PEFY-P72NMHSU-E	1034 [40-23/32]	1326 [52-7/32]	255 [10-1/16]	462 [18-7/32]	660 [25-32/32]	235 [9-9/32]
PEFY-P96NMHSU-E	1034 [40-23/32]	1326 [52-7/32]	255 [10-1/16]	462 [18-7/32]	660 [25-32/32]	235 [9-9/32]

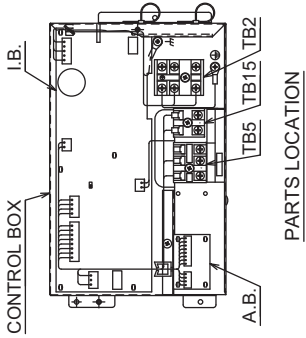
(mm)[in]

PEFY-P06,08,12,15,18,24NMSU-E

Ref.: PEFY_NMSU_EWD_USDB_ALL



NOTE: 1.The wirings to TB2, TB5, TB15 shown in dotted line are field work.
2.Mark ⊙ indicates terminal bed, ⊕ connector.
3.Use copper supply wire.



SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	CN32	Connector (Remote switch)	SW3(I.B.)	Switch (for mode selection)
A.B.	Address board	CN41	Connector (HA terminal-A)	SW4(I.B.)	Switch (for model selection)
TB2	Power source terminal bed	CN51	Connector (Centrally control)	SWE(I.B.)	Connector (emergency operation)
TB5	Transmission terminal bed	CN52	Connector (Remote indication)	SW1(I.B.)	Switch (for mode selection)
TB15	Transmission terminal bed	CN90	Connector (Wireless)	SW5(A.B.)	Switch (for mode selection)
FUSE	Fuse AC250V 6.3A	FS	Float switch	SW11(A.B.)	Switch (1st digit address set)
ZNR01.02	Varistor	CN4Y	Connector	SW12(A.B.)	Switch (2nd digit address set)
DSA	Arrester	TH21	Thermistor (inlet air temp.detection)	SW14(A.B.)	Switch (connection No.set)
X1	Aux. relay	TH22	Thermistor (piping temp.detection/liquid)	SWA(A.B.)	Switch (for static pressure selection)
CN24	Connector (Heater)	TH23	Thermistor (piping temp.detection/gas)	SWB(A.B.)	Switch (for model selection)
CN27	Connector (Damper)	SW2(I.B.)	Switch (for capacity code)	SWC(A.B.)	Switch (for static pressure selection)

PEFY

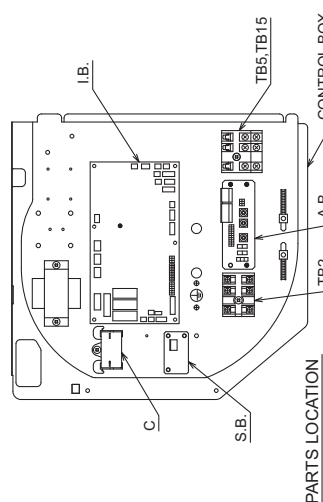
INSIDE SECTION OF CONTROL BOX

Terminal A.B. (Left): 1 (Red), 2 (Red), 3 (Red), 4 (Red), 5 (Red), 6 (Red), 7 (Red), 8 (Red)

Terminal B. (Right): 1 (Red), 2 (Red), 3 (Red), 4 (Red), 5 (Red), 6 (Red), 7 (Red), 8 (Red)

Components and Connections:

- SW1-SW7:** Switches connected to terminals 1-8 of A.B. and B.
- LED1, LED2:** LEDs connected to terminals 1-2 of A.B. and B.
- Relays (CN1-CN29):** Various relays connected to terminals 1-8 of A.B. and B.
- Terminal Blocks (TB15, TB5):** TB15 (Transmission Terminal Bed) and TB5 (Transmission Terminal Bed) connected to terminals 1-8 of A.B. and B.
- Power Supply:** 208/230V 60Hz connected to terminals 1-2 of A.B. and B.
- Breaker and Fuse:** Breaker (15A) and Fuse (15A) connected to terminals 1-2 of A.B. and B.
- Pull Box:** Connected to terminals 1-2 of A.B. and B.
- Note 1:** A connector is attached to the chassis ground, which is an optional part.
- Note 2:** Attachment to alter the external static pressure on the fan.



NOTE: 1. The part of the broken line indicates the circuit for optional parts.
2. In the chart is the connector for a drain pump test run operation.
3. The drain pump is operated continuously if the connector is inserted and the power supplied.
4. After the test run, make sure to remove the *A connector.
5. The wirings to TB2, TB5, TB15 shown in chained line are field work.
6. Mark $\oplus$ indicates terminal bed, $\ominus$ connector, $\otimes$ 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

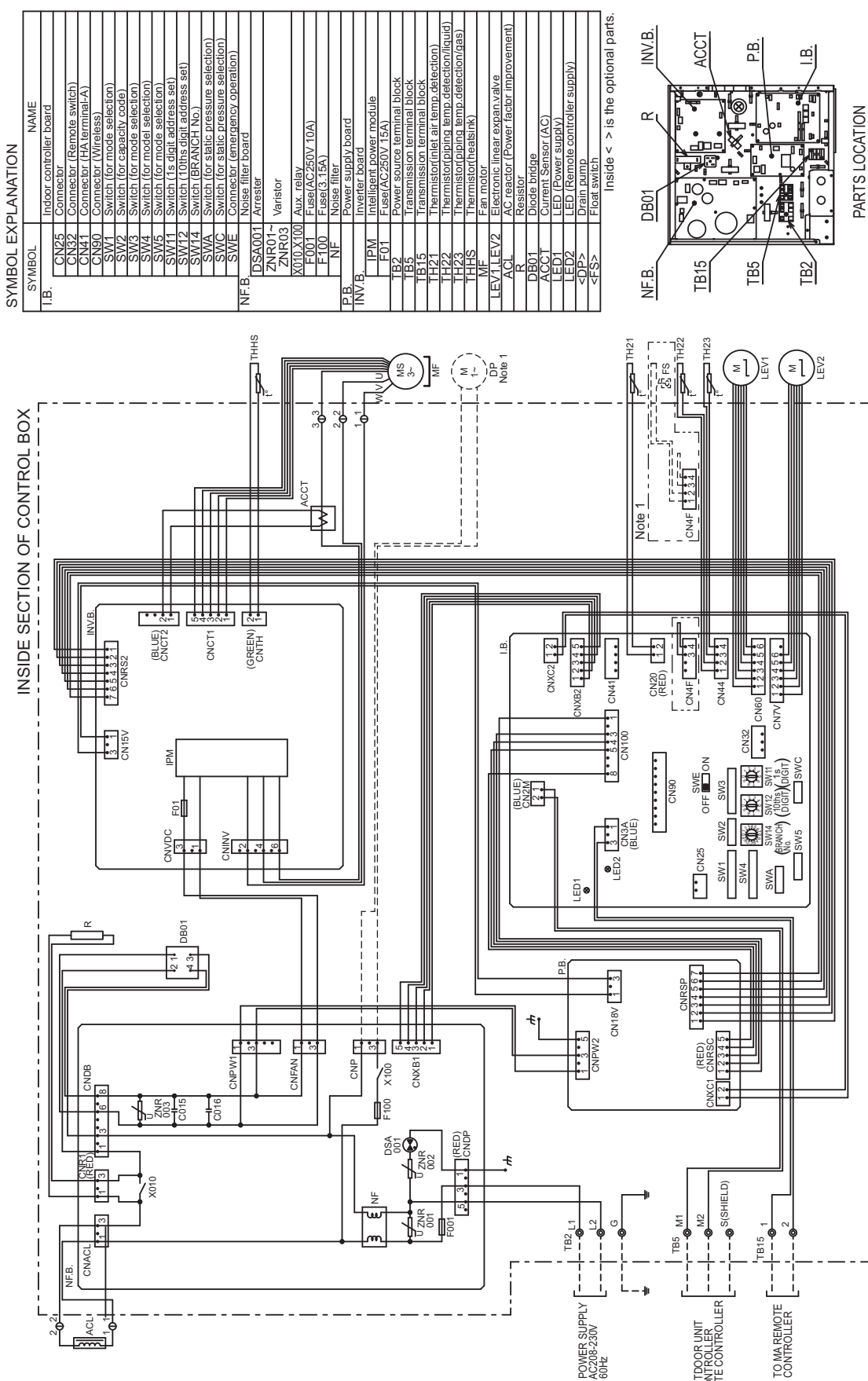
inside < > is the optional parts.

4. ELECTRICAL WIRING DIAGRAMS

DATA U8

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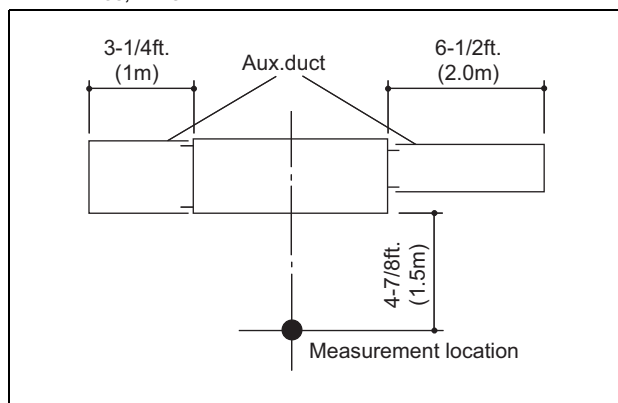
PEFY-P72,96NMHSU-E



NOTE: 1. The part of thin dotted line indicates the circuit for optional parts.
2. To perform a drainage test for the drain pump turn on the SWE on the control board while the indoor unit is being powered.
3. Be sure to turn off the SWE after completing a drainage test or test run. The wirings to TB2, TB5, TB15 shown in dotted line are field work.
4. Mark ○ indicates terminal block, ⊕ connector.
5. Use copper supply wire.

5-1. Sound levels

PEFY-P-NMSU, NMHU-E



* Measured in anechoic room

Operating sound levels

(Low - Middle - High)

Unit : dB (A)

Model	Sound pressure level (A weighted)
PEFY-P06NMSU-E	208V 22 - 24 - 28
	230V 22 - 24 - 28
PEFY-P08NMSU-E	208V 23 - 26 - 30
	230V 23 - 26 - 30
PEFY-P12NMSU-E	208V 23 - 28 - 35
	230V 23 - 28 - 35
PEFY-P15NMSU-E	208V 28 - 30 - 33
	230V 28 - 30 - 33
PEFY-P18NMSU-E	208V 30 - 34 - 37
	230V 30 - 34 - 37
PEFY-P24NMSU-E	208V 30 - 35 - 40
	230V 30 - 35 - 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

(Low - Middle - High)

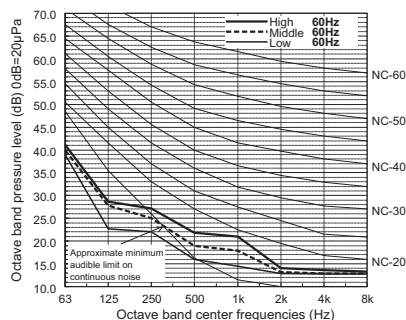
Unit : dB (A)

Model	Sound pressure level (A weighted)
PEFY-P72NMHSU-E	208V 36 - 39 - 43
	230V 36 - 39 - 43
PEFY-P96NMHSU-E	208V 39 - 42 - 46
	230V 39 - 42 - 46

5-2. NC curves

PEFY-P06NMSU-E

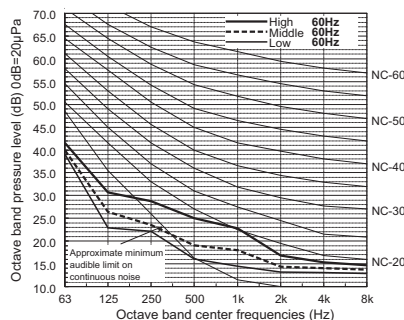
External Static Pressure: 5Pa [0.02 in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P06-1

PEFY-P06NMSU-E

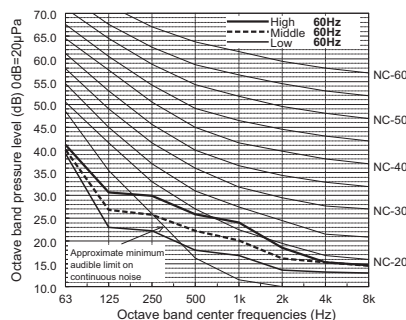
External Static Pressure: 15Pa [0.06 in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P06-2

PEFY-P06NMSU-E

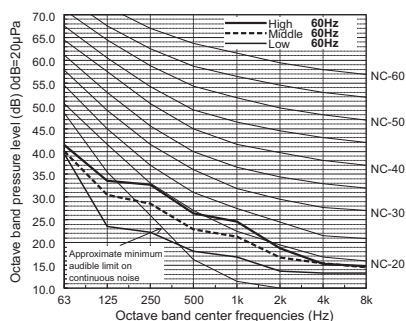
External Static Pressure: 35Pa [0.14 in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P06-3

PEFY-P06NMSU-E

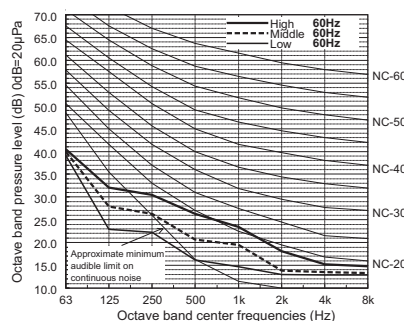
External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P06-4

PEFY-P08NMSU-E

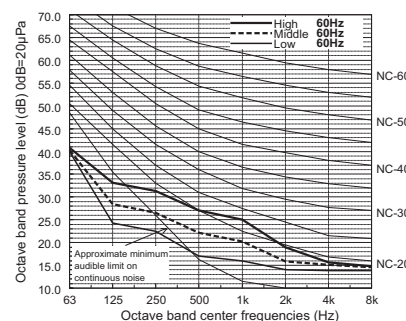
External Static Pressure: 5Pa [0.02 in.WG]
Power Source: 208/230V(60Hz)



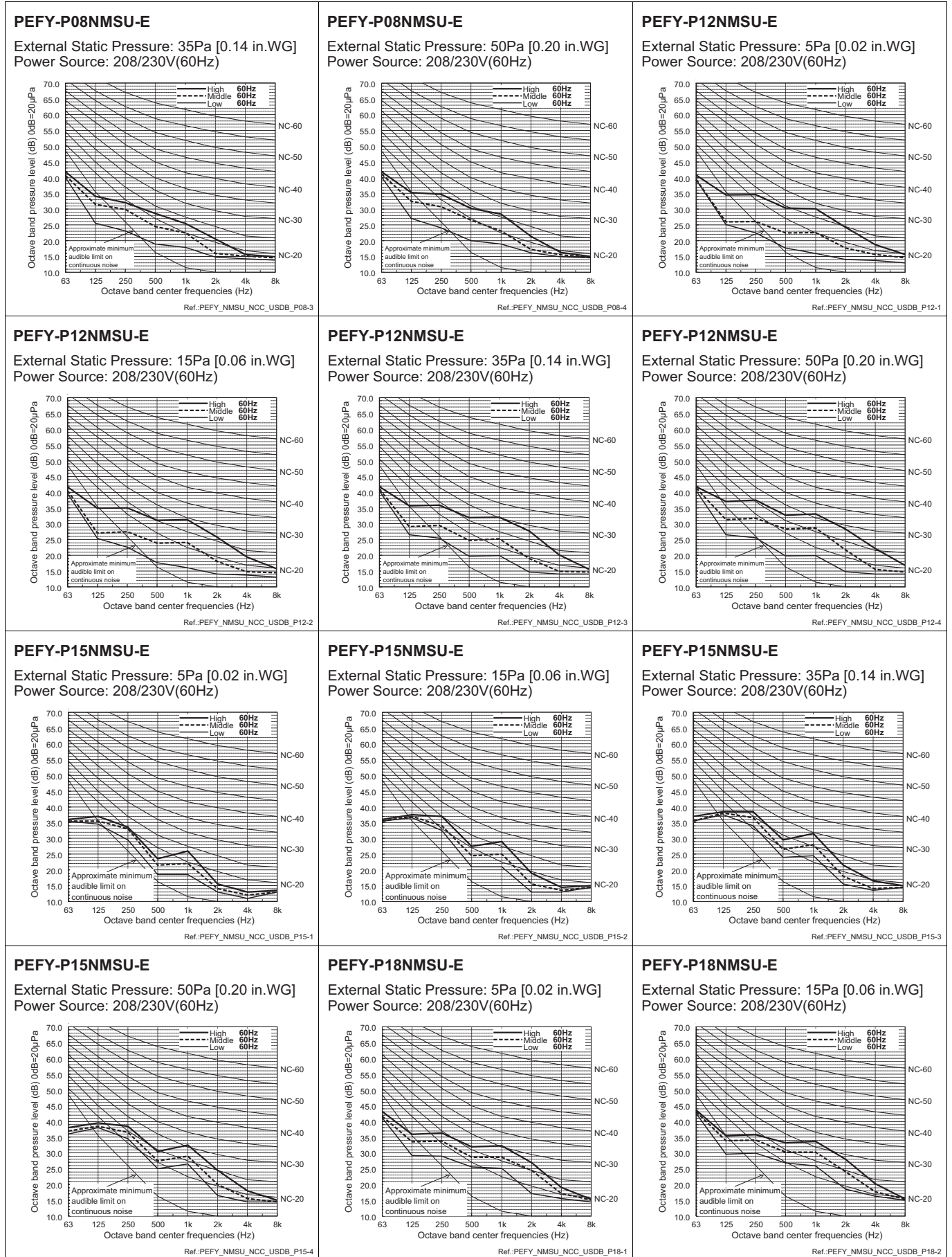
Ref.:PEFY_NMSU_NCC_USDB_P08-1

PEFY-P08NMSU-E

External Static Pressure: 15Pa [0.06 in.WG]
Power Source: 208/230V(60Hz)

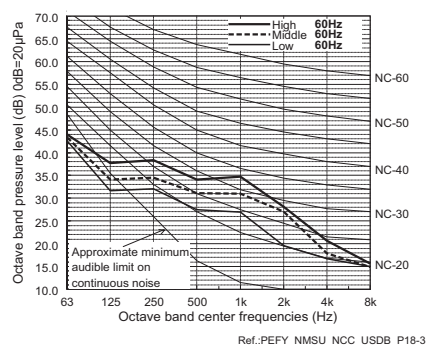


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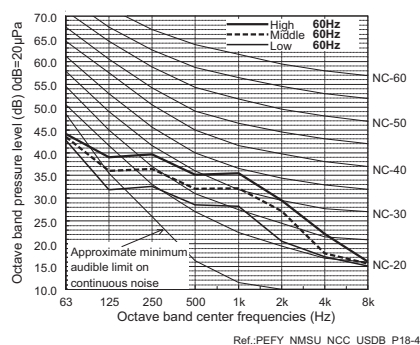


PEFY-P18NMSU-E

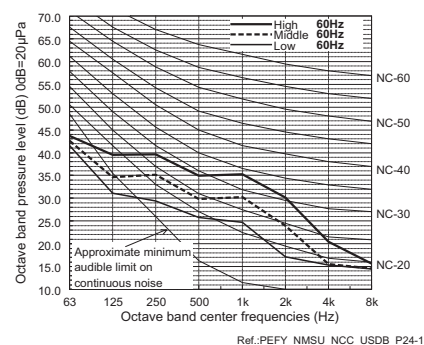
External Static Pressure: 35Pa [0.14 in.WG]
Power Source: 208/230V(60Hz)

**PEFY-P18NMSU-E**

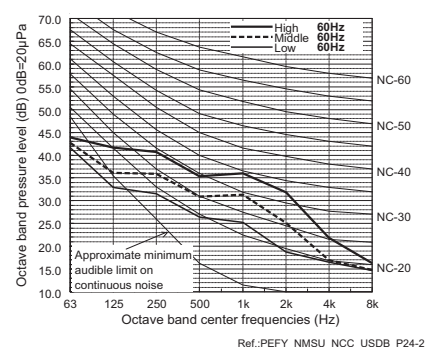
External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208/230V(60Hz)

**PEFY-P24NMSU-E**

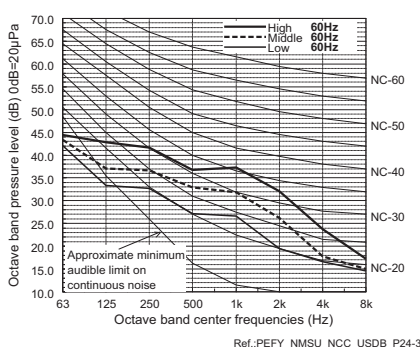
External Static Pressure: 5Pa [0.02 in.WG]
Power Source: 208/230V(60Hz)

**PEFY-P24NMSU-E**

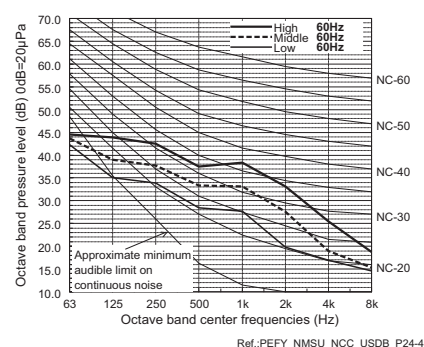
External Static Pressure: 15Pa [0.06 in.WG]
Power Source: 208/230V(60Hz)

**PEFY-P24NMSU-E**

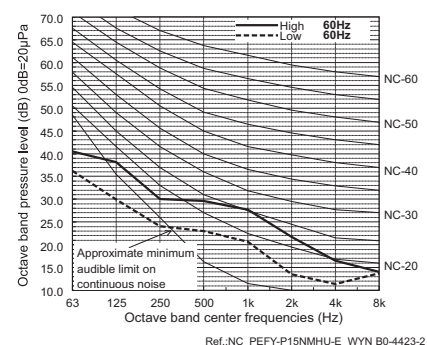
External Static Pressure: 35Pa [0.14 in.WG]
Power Source: 208/230V(60Hz)

**PEFY-P24NMSU-E**

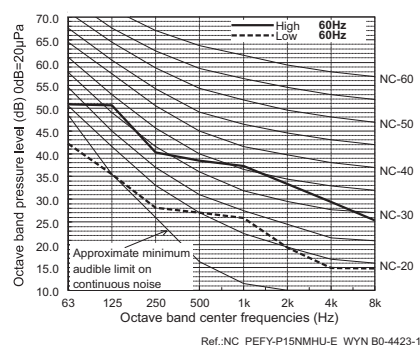
External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208/230V(60Hz)

**PEFY-P15NMHU-E**

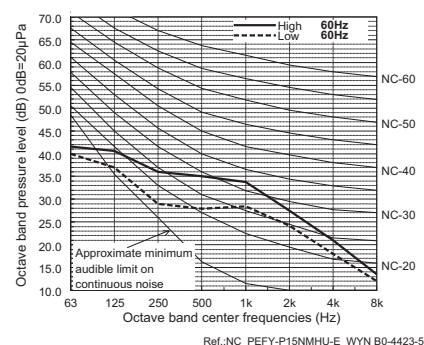
External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208V 60Hz

**PEFY-P15NMHU-E**

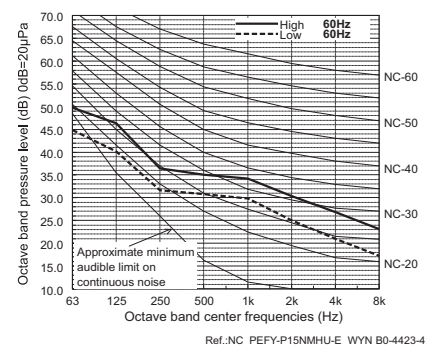
External Static Pressure: 160Pa [0.64 in.WG]
Power Source: 208V 60Hz

**PEFY-P15NMHU-E**

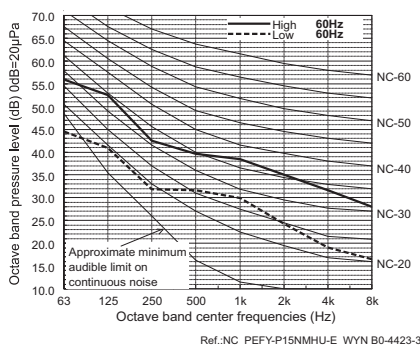
External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 230V 60Hz

**PEFY-P15NMHU-E**

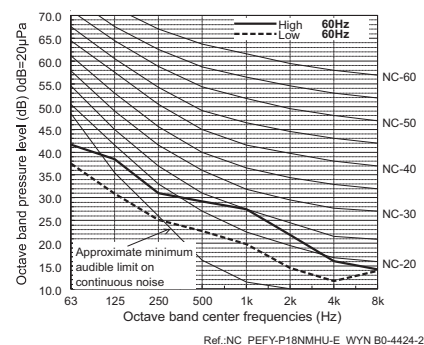
External Static Pressure: 150Pa [0.60 in.WG]
Power Source: 230V 60Hz

**PEFY-P15NMHU-E**

External Static Pressure: 200Pa [0.80 in.WG]
Power Source: 230V 60Hz

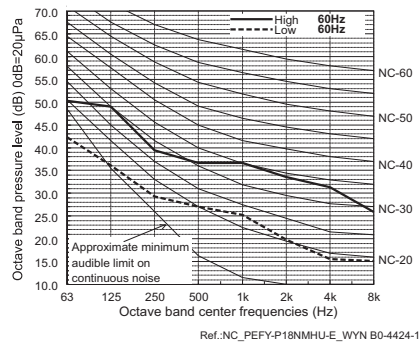
**PEFY-P18NMHU-E**

External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208V 60Hz

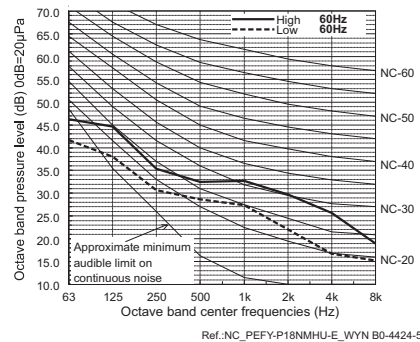


PEFY-P18NMHU-E

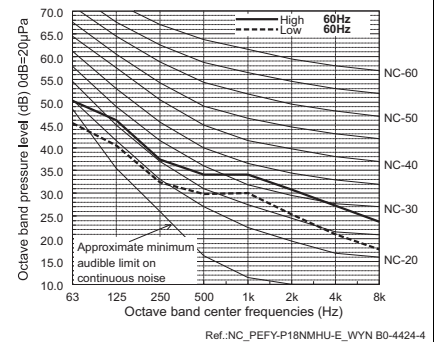
External Static Pressure: 160Pa [0.64 in.WG]
Power Source: 208V 60Hz

**PEFY-P18NMHU-E**

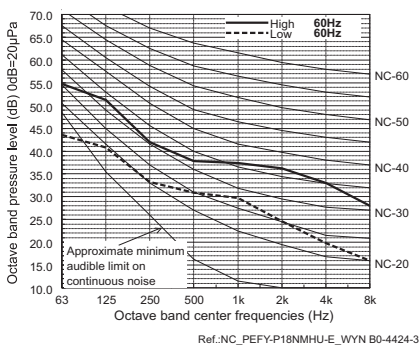
External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 230V 60Hz

**PEFY-P18NMHU-E**

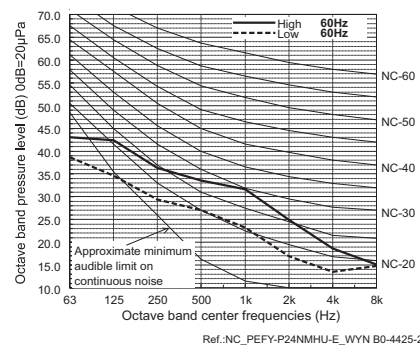
External Static Pressure: 150Pa [0.60 in.WG]
Power Source: 230V 60Hz

**PEFY-P18NMHU-E**

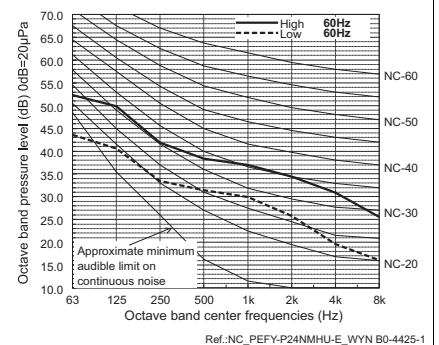
External Static Pressure: 200Pa [0.80 in.WG]
Power Source: 230V 60Hz

**PEFY-P24NMHU-E**

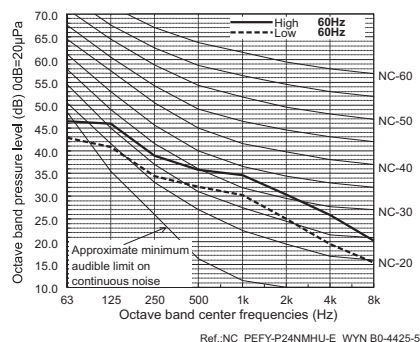
External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208V 60Hz

**PEFY-P24NMHU-E**

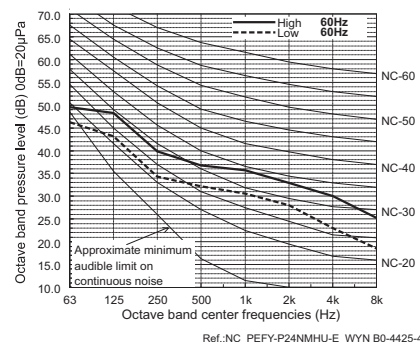
External Static Pressure: 160Pa [0.64 in.WG]
Power Source: 208V 60Hz

**PEFY-P24NMHU-E**

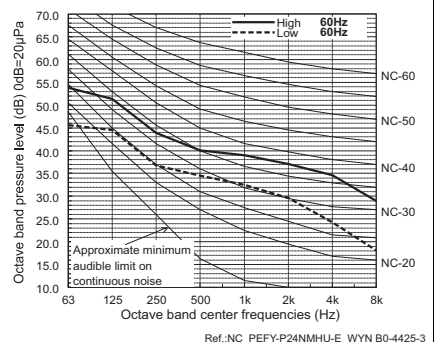
External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 230V 60Hz

**PEFY-P24NMHU-E**

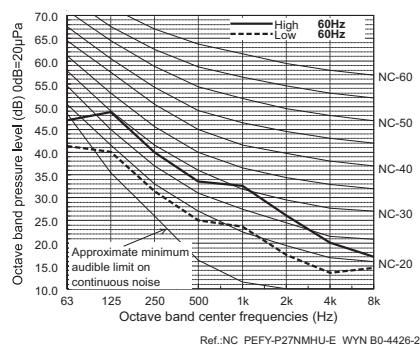
External Static Pressure: 150Pa [0.60 in.WG]
Power Source: 230V 60Hz

**PEFY-P24NMHU-E**

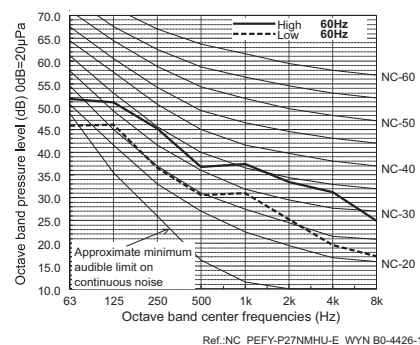
External Static Pressure: 200Pa [0.80 in.WG]
Power Source: 230V 60Hz

**PEFY-P27NMHU-E**

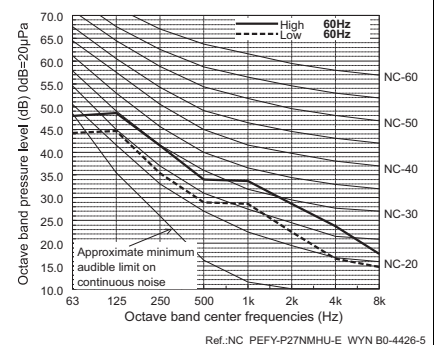
External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208V 60Hz

**PEFY-P27NMHU-E**

External Static Pressure: 160Pa [0.64 in.WG]
Power Source: 208V 60Hz

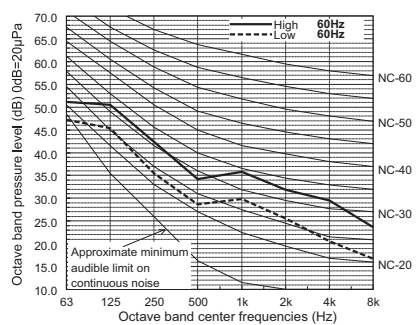
**PEFY-P27NMHU-E**

External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 230V 60Hz

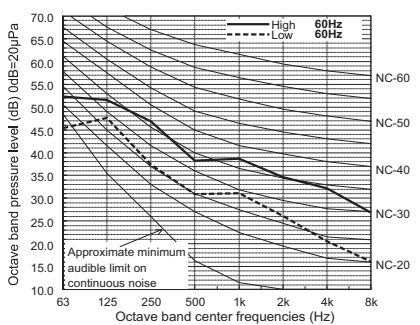


PEFY-P27NMHU-E

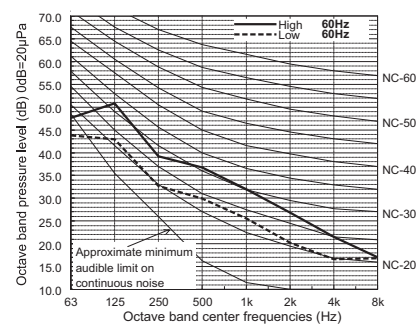
External Static Pressure: 150Pa [0.60 in.WG]
Power Source: 230V 60Hz

**PEFY-P27NMHU-E**

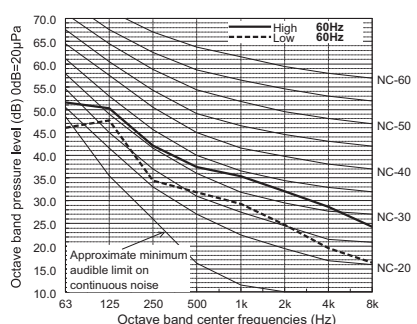
External Static Pressure: 200Pa [0.80 in.WG]
Power Source: 230V 60Hz

**PEFY-P30NMHU-E**

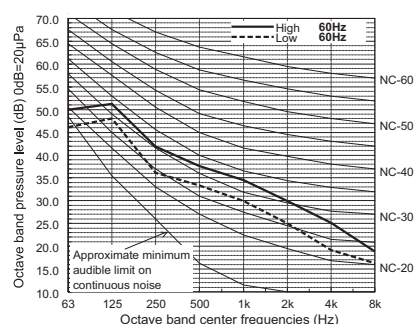
External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208V 60Hz

**PEFY-P30NMHU-E**

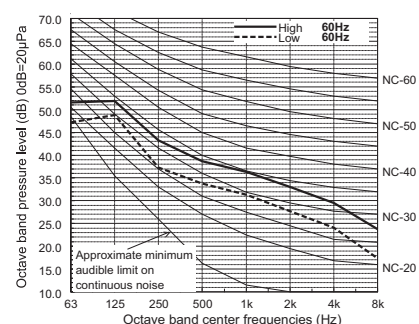
External Static Pressure: 160Pa [0.64 in.WG]
Power Source: 208V 60Hz

**PEFY-P30NMHU-E**

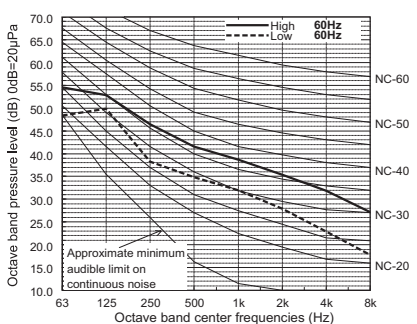
External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 230V 60Hz

**PEFY-P30NMHU-E**

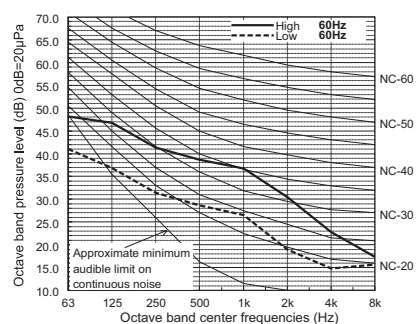
External Static Pressure: 150Pa [0.60 in.WG]
Power Source: 230V 60Hz

**PEFY-P30NMHU-E**

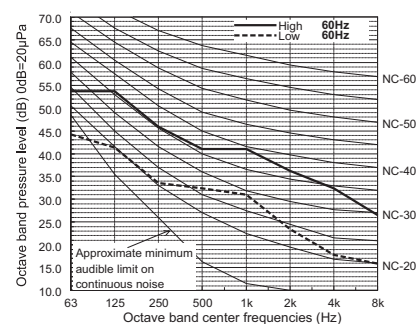
External Static Pressure: 200Pa [0.80 in.WG]
Power Source: 230V 60Hz

**PEFY-P36,48,54NMHU-E**

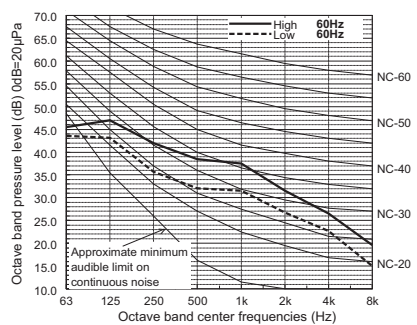
External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208V 60Hz

**PEFY-P36,48,54NMHU-E**

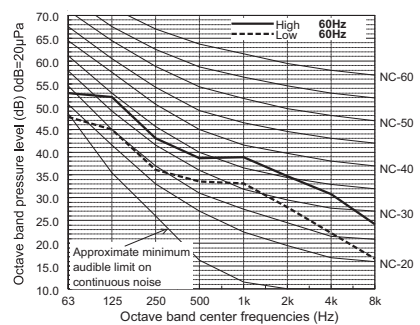
External Static Pressure: 160Pa [0.64 in.WG]
Power Source: 208V 60Hz

**PEFY-P36,48,54NMHU-E**

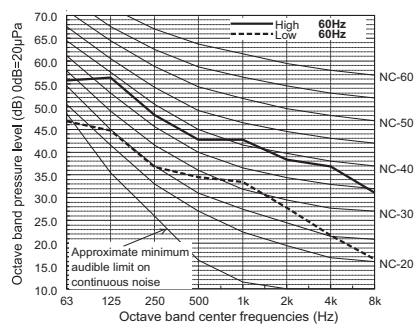
External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 230V 60Hz

**PEFY-P36,48,54NMHU-E**

External Static Pressure: 150Pa [0.60 in.WG]
Power Source: 230V 60Hz

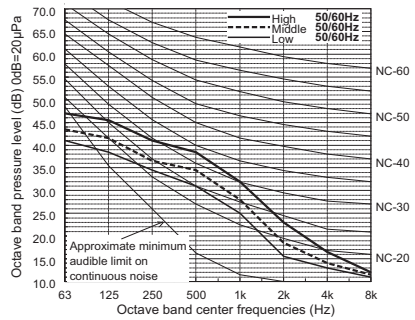
**PEFY-P36,48,54NMHU-E**

External Static Pressure: 200Pa [0.80 in.WG]
Power Source: 230V 60Hz



PEFY-P72NMHSU-E

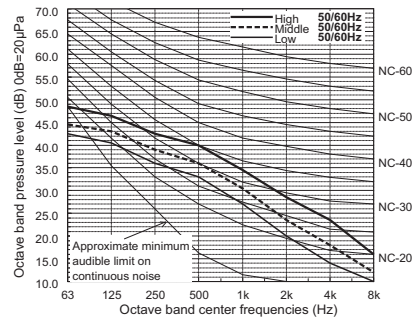
External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-1

PEFY-P72NMHSU-E

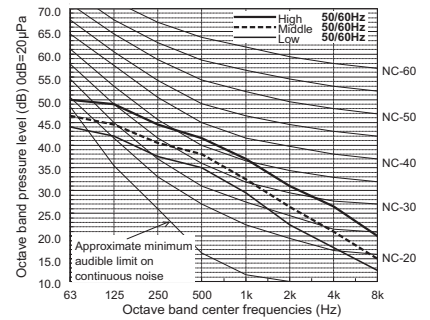
External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-2

PEFY-P72NMHSU-E

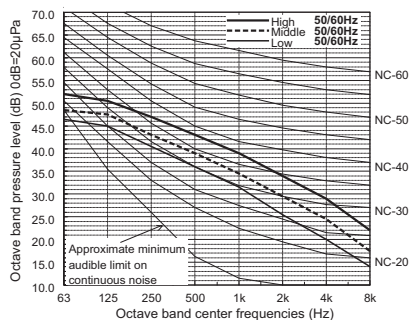
External Static Pressure: 150Pa [0.60 in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-3

PEFY-P72NMHSU-E

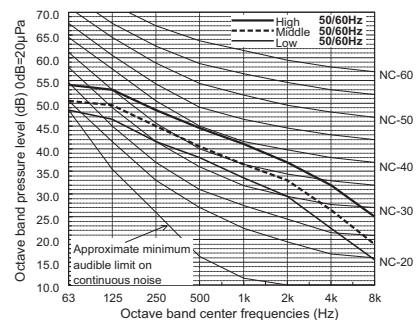
External Static Pressure: 200Pa [0.80 in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-4

PEFY-P72NMHSU-E

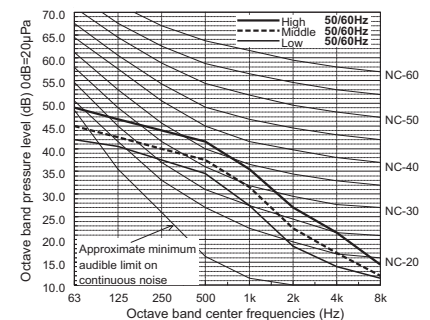
External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-5

PEFY-P96NMHSU-E

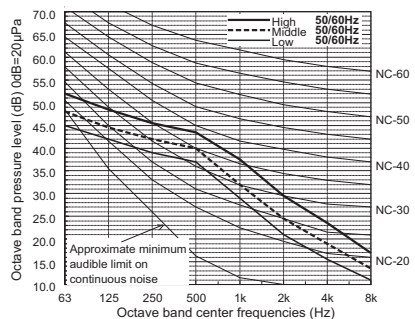
External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-1

PEFY-P96NMHSU-E

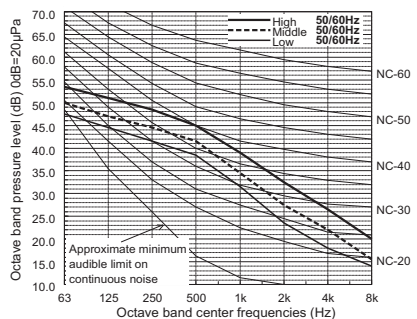
External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-2

PEFY-P96NMHSU-E

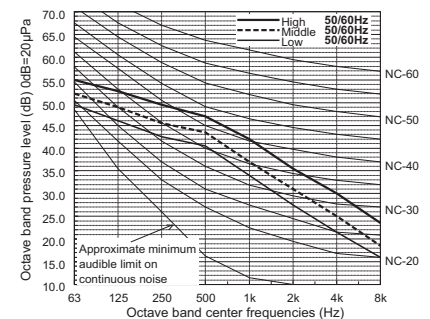
External Static Pressure: 150Pa [0.60 in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-3

PEFY-P96NMHSU-E

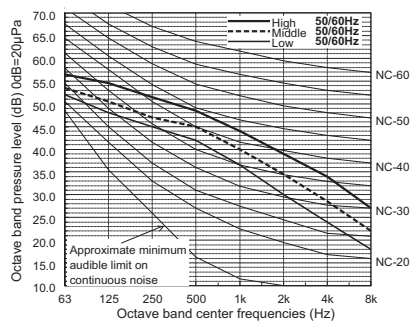
External Static Pressure: 200Pa [0.80 in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-4

PEFY-P96NMHSU-E

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-5

6. FAN CHARACTERISTICS CURVES

DATA U8

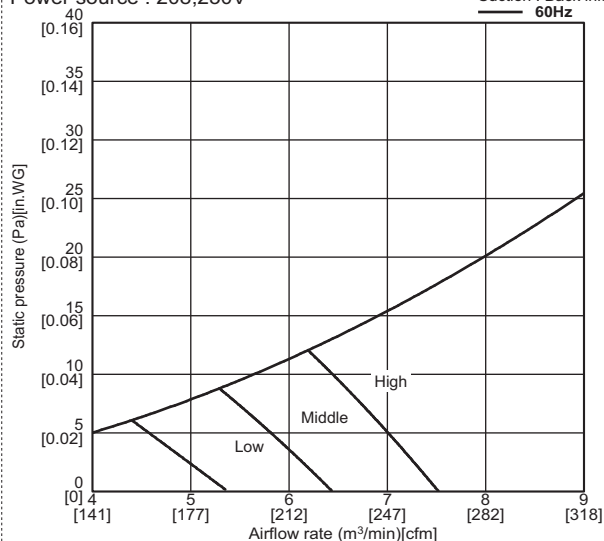
PEFY

PEFY-P06NMSU-E

External static pressure : 5Pa,0.02[in.WG]

Power source : 208,230V

Suction : Back inlet
60Hz

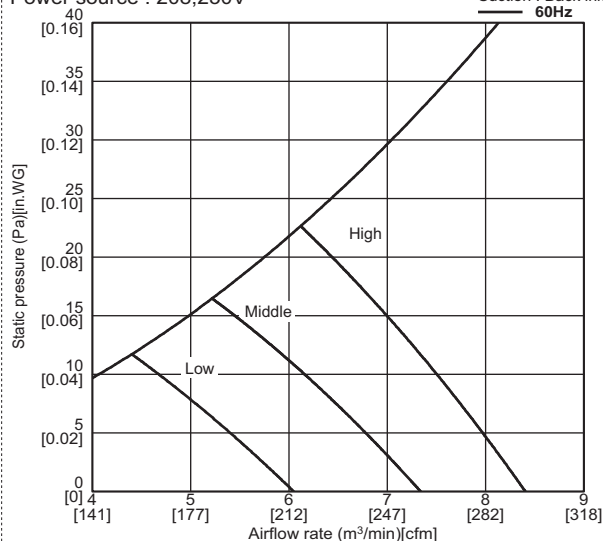


PEFY-P06NMSU-E

External static pressure : 15Pa,0.06[in.WG]

Power source : 208,230V

Suction : Back inlet
60Hz

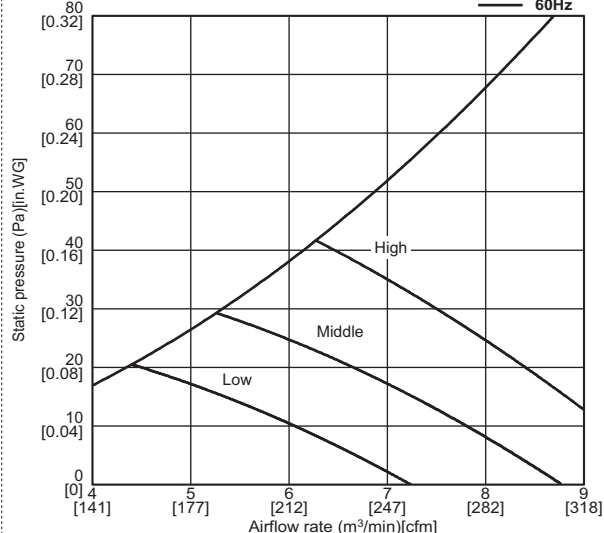


PEFY-P06NMSU-E

External static pressure : 35Pa,0.14[in.WG]

Power source : 208,230V

Suction : Back inlet
60Hz

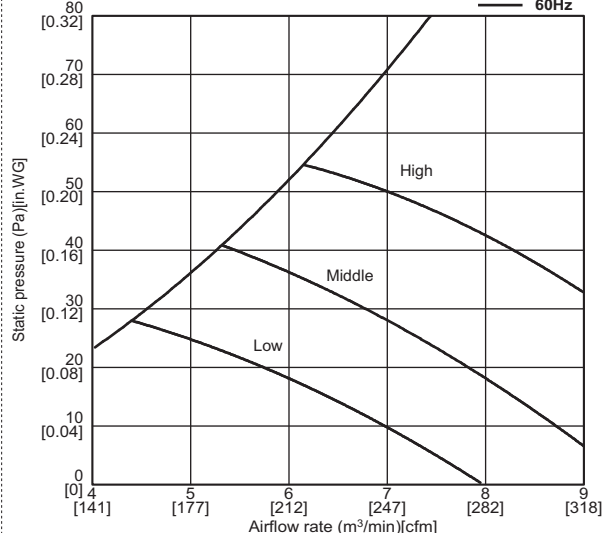


PEFY-P06NMSU-E

External static pressure : 50Pa,0.20[in.WG]

Power source : 208,230V

Suction : Back inlet
60Hz

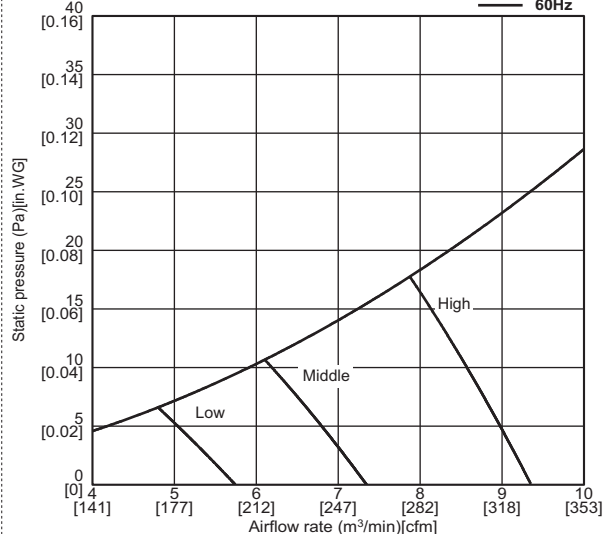


PEFY-P08NMSU-E

External static pressure : 5Pa,0.02[in.WG]

Power source : 208,230V

Suction : Back inlet
60Hz

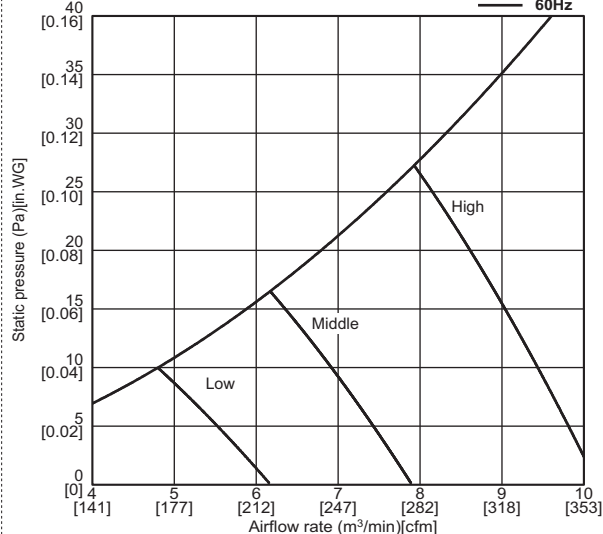


PEFY-P08NMSU-E

External static pressure : 15Pa,0.06[in.WG]

Power source : 208,230V

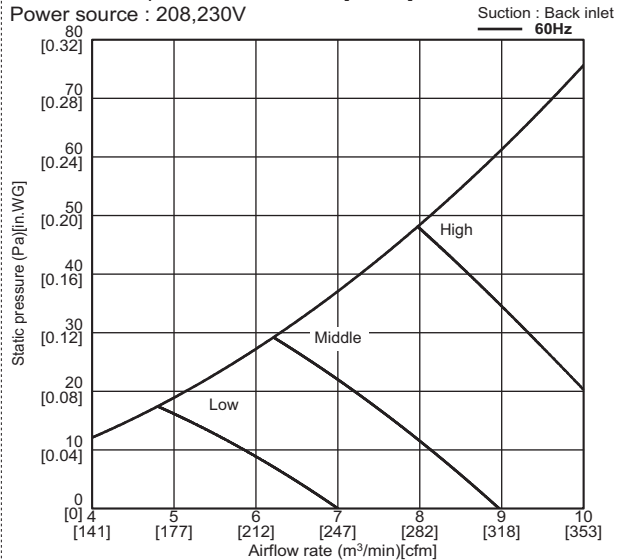
Suction : Back inlet
60Hz



PEFY-P08NMSU-E

External static pressure : 35Pa,0.14[in.WG]

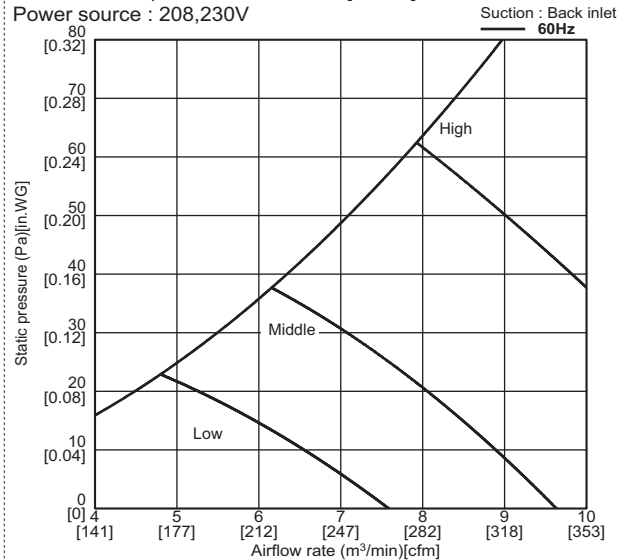
Power source : 208,230V



PEFY-P08NMSU-E

External static pressure : 50Pa,0.20[in.WG]

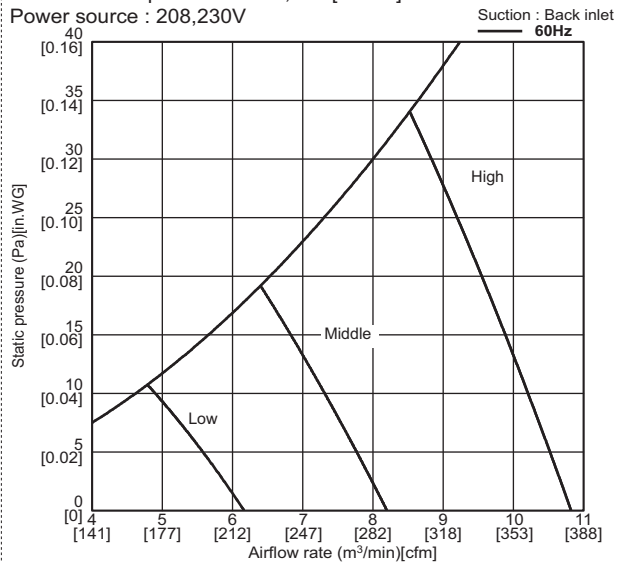
Power source : 208,230V



PEFY-P12NMSU-E

External static pressure : 5Pa,0.02[in.WG]

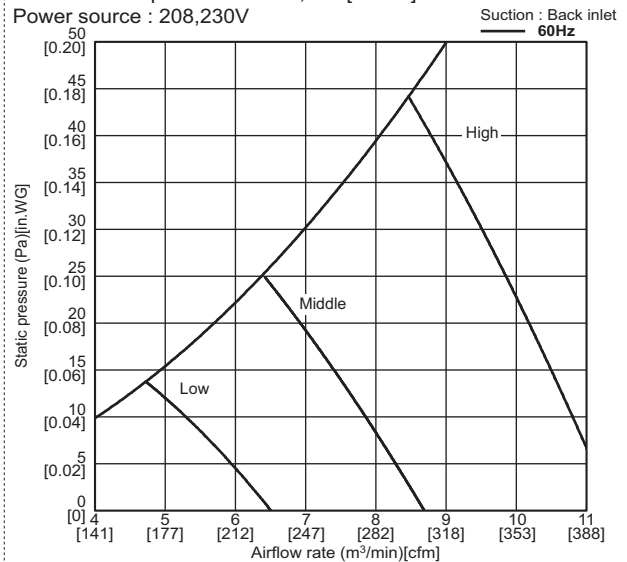
Power source : 208,230V



PEFY-P12NMSU-E

External static pressure : 15Pa,0.06[in.WG]

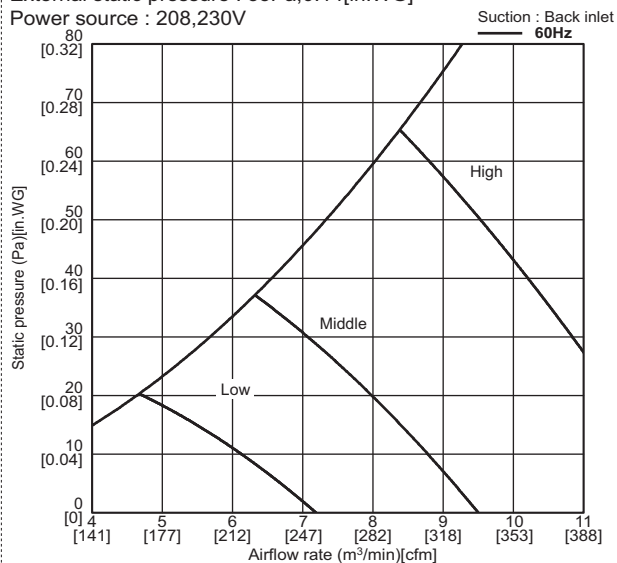
Power source : 208,230V



PEFY-P12NMSU-E

External static pressure : 35Pa,0.14[in.WG]

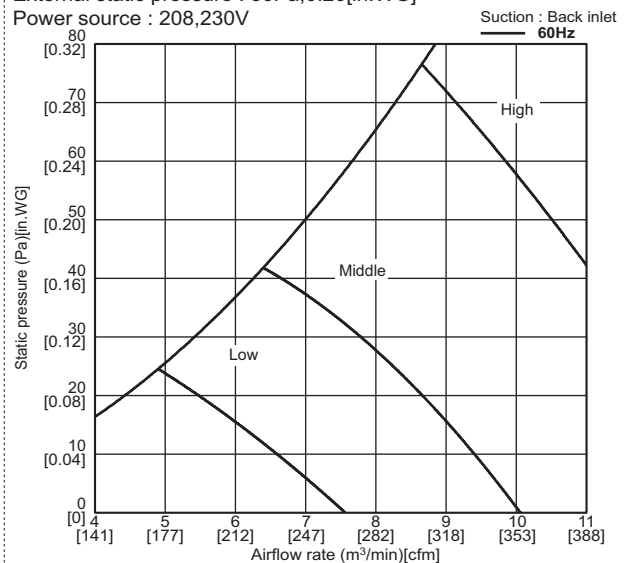
Power source : 208,230V



PEFY-P12NMSU-E

External static pressure : 50Pa,0.20[in.WG]

Power source : 208,230V



6. FAN CHARACTERISTICS CURVES

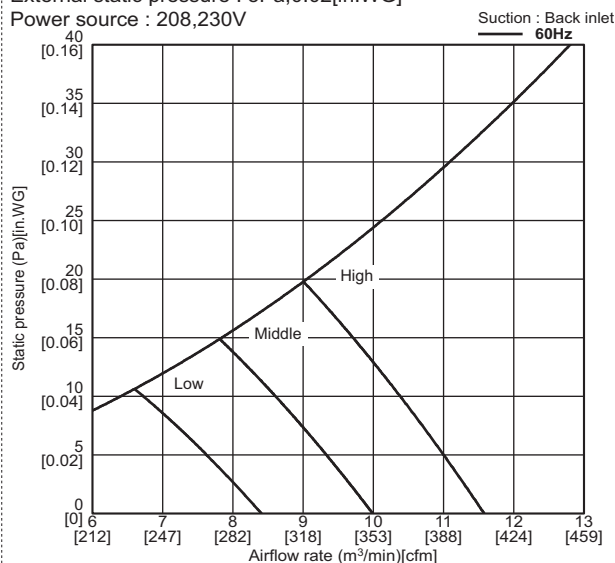
DATA U8

PEFY

PEFY-P15NMSU-E

External static pressure : 5Pa,0.02[in.WG]

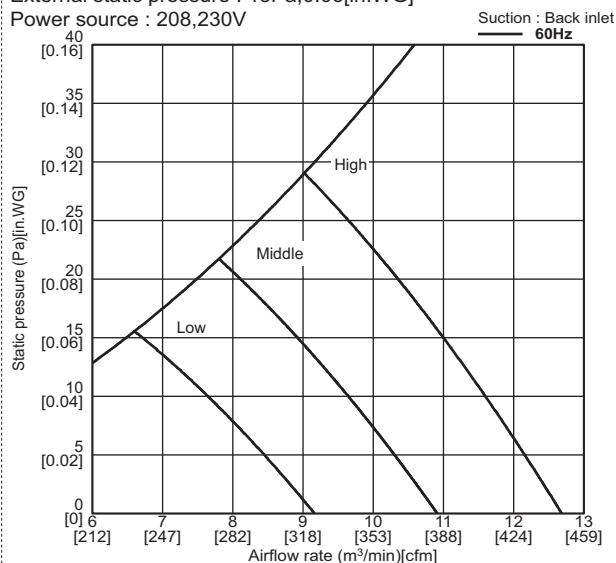
Power source : 208,230V



PEFY-P15NMSU-E

External static pressure : 15Pa,0.06[in.WG]

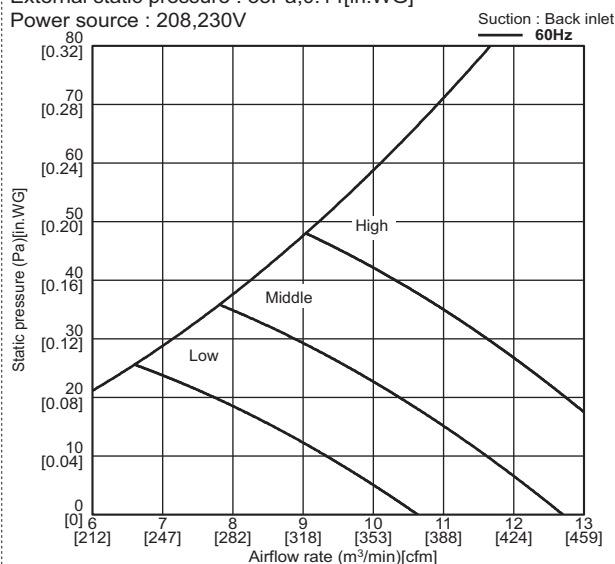
Power source : 208,230V



PEFY-P15NMSU-E

External static pressure : 35Pa,0.14[in.WG]

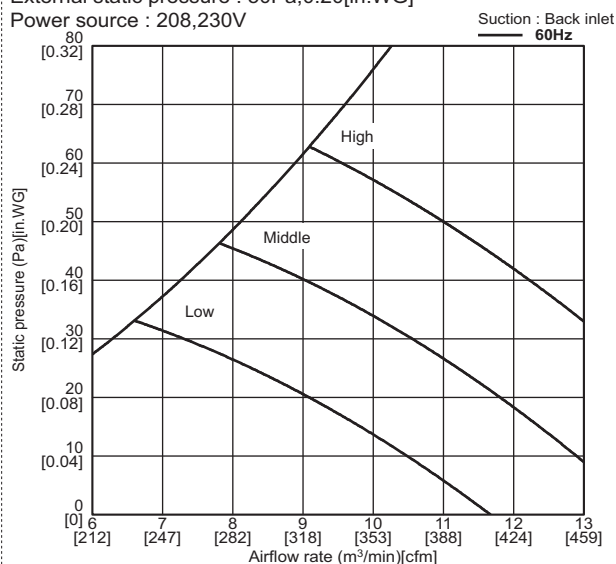
Power source : 208,230V



PEFY-P15NMSU-E

External static pressure : 50Pa,0.20[in.WG]

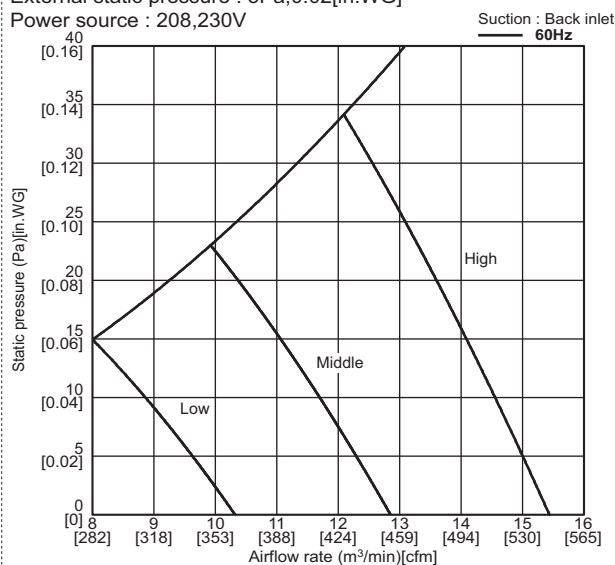
Power source : 208,230V



PEFY-P18NMSU-E

External static pressure : 5Pa,0.02[in.WG]

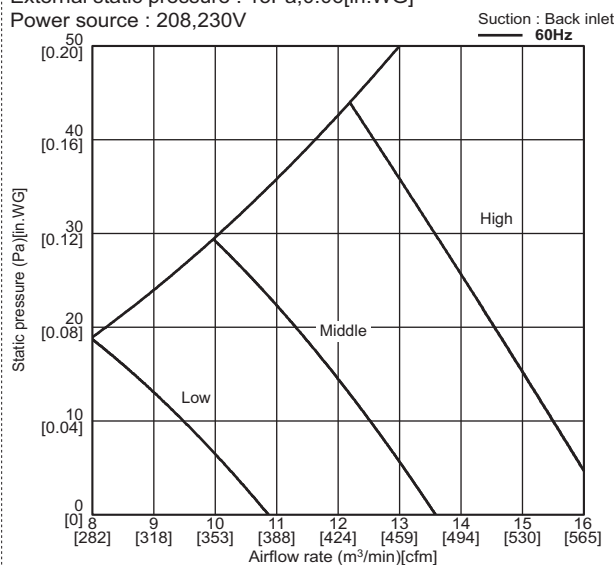
Power source : 208,230V



PEFY-P18NMSU-E

External static pressure : 15Pa,0.06[in.WG]

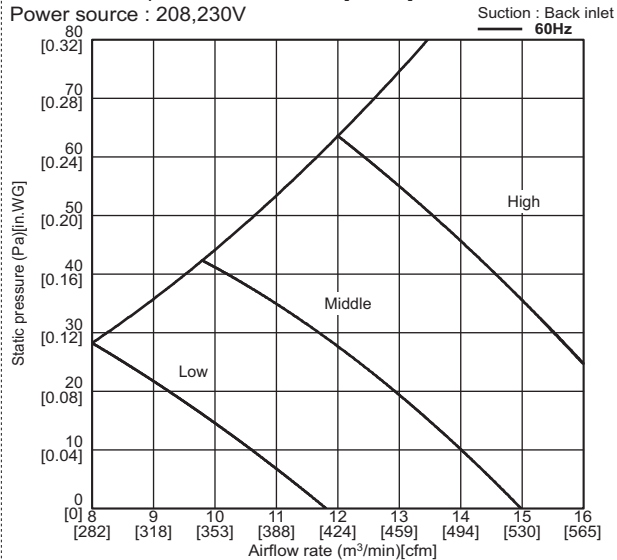
Power source : 208,230V



PEFY-P18NMSU-E

External static pressure : 35Pa,0.14[in.WG]

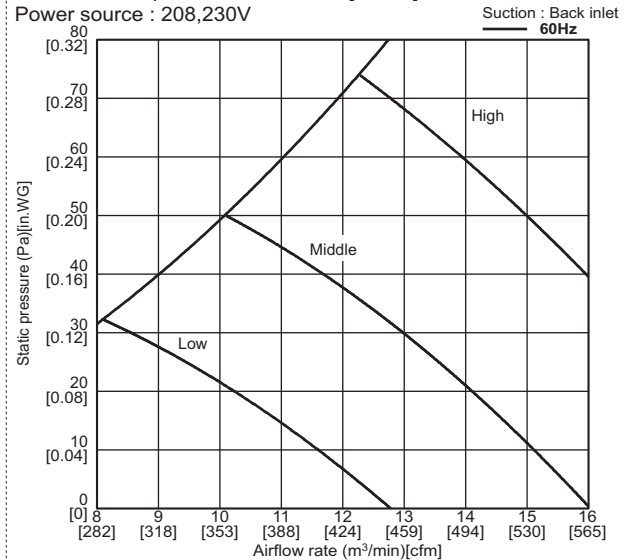
Power source : 208,230V



PEFY-P18NMSU-E

External static pressure : 50Pa,0.20[in.WG]

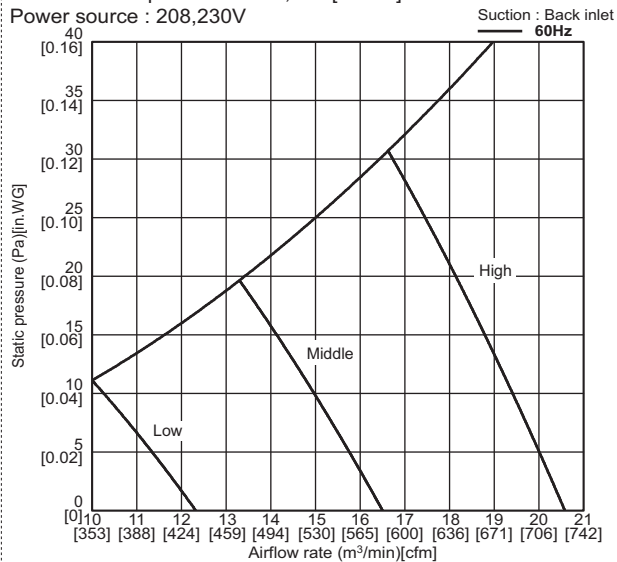
Power source : 208,230V



PEFY-P24NMSU-E

External static pressure : 5Pa,0.02[in.WG]

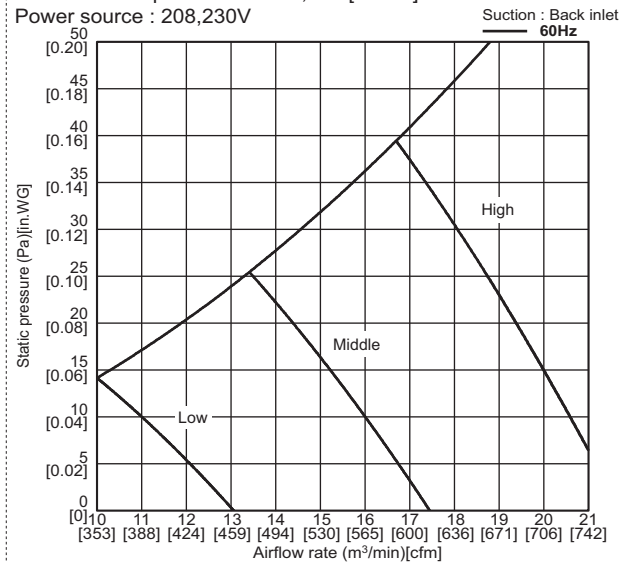
Power source : 208,230V



PEFY-P24NMSU-E

External static pressure : 15Pa,0.06[in.WG]

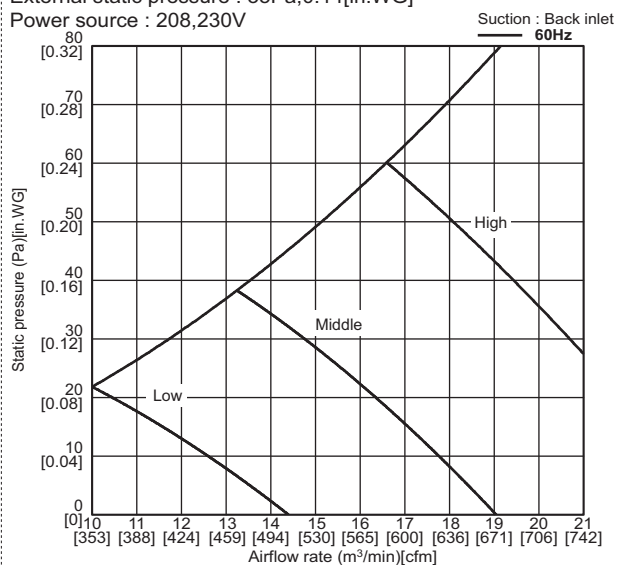
Power source : 208,230V



PEFY-P24NMSU-E

External static pressure : 35Pa,0.14[in.WG]

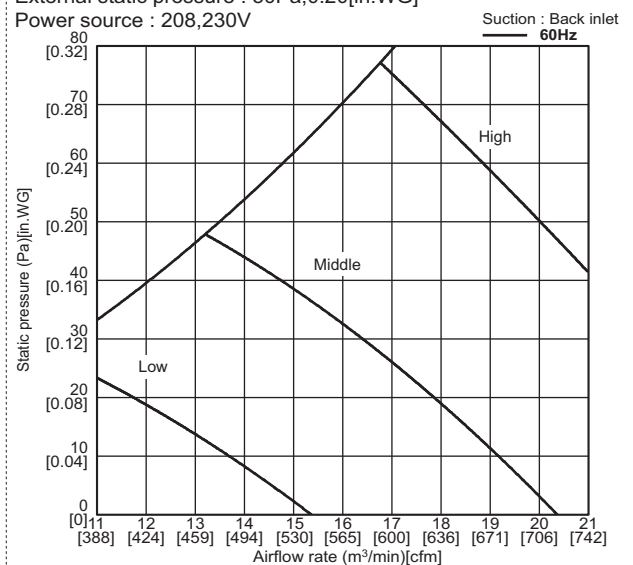
Power source : 208,230V



PEFY-P24NMSU-E

External static pressure : 50Pa,0.20[in.WG]

Power source : 208,230V



6. FAN CHARACTERISTICS CURVES

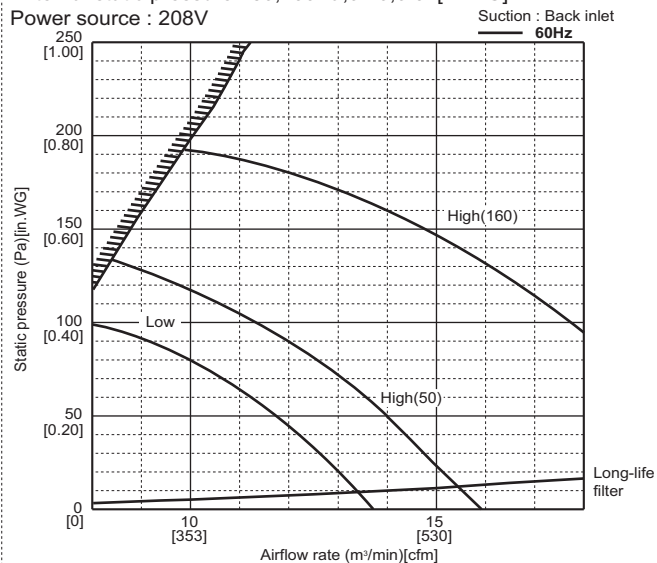
DATA U8

PEFY

PEFY-P15,18NMHU-E

External static pressure : 50,160Pa,0.20,0.64[in.WG]

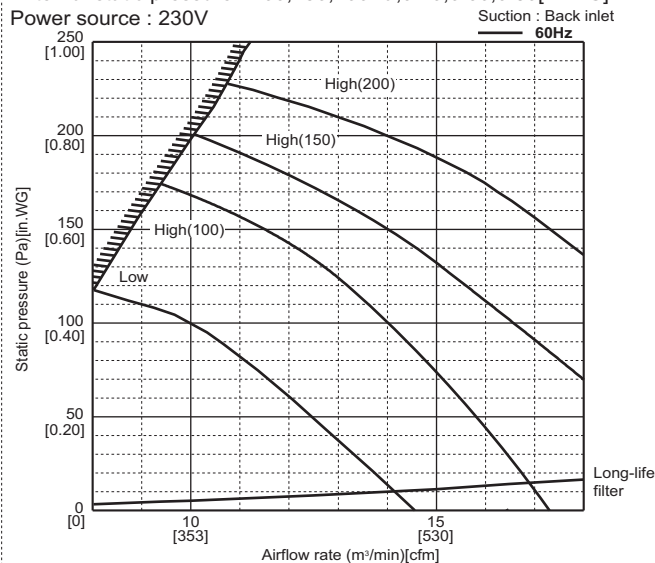
Power source : 208V



PEFY-P15,18NMHU-E

External static pressure : 100,150,200Pa,0.40,0.60,0.80[in.WG]

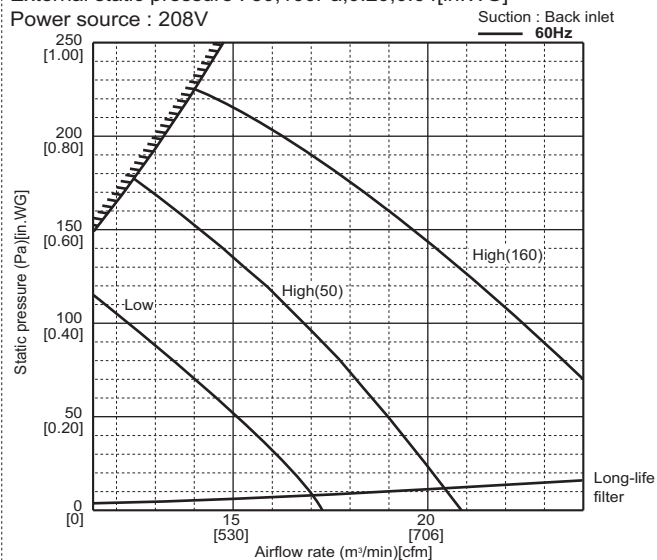
Power source : 230V



PEFY-P24NMHU-E

External static pressure : 50,160Pa,0.20,0.64[in.WG]

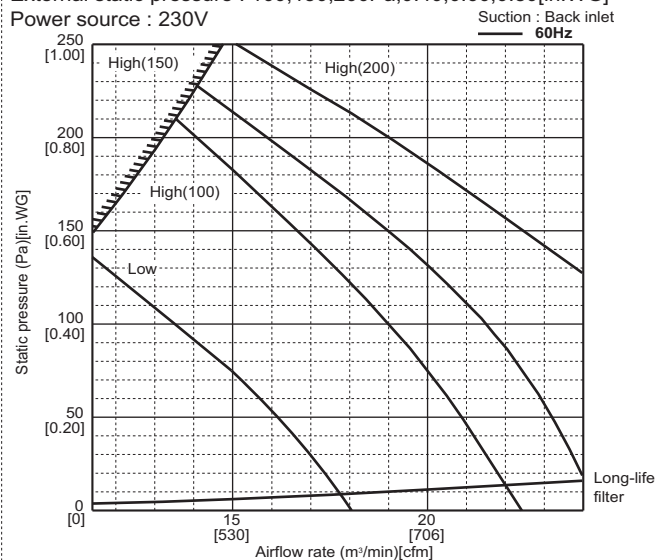
Power source : 208V



PEFY-P24NMHU-E

External static pressure : 100,150,200Pa,0.40,0.60,0.80[in.WG]

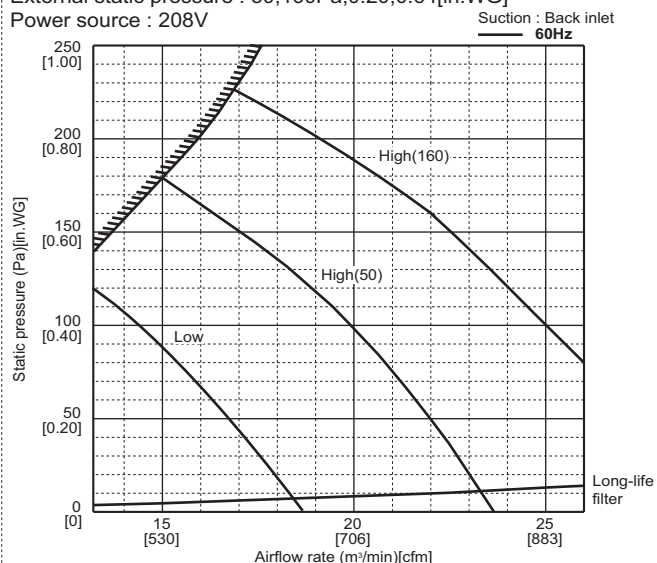
Power source : 230V



PEFY-P27NMHU-E

External static pressure : 50,160Pa,0.20,0.64[in.WG]

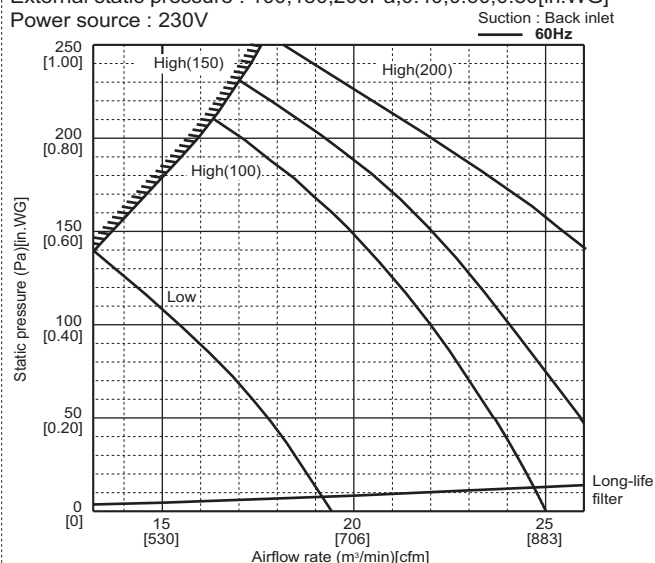
Power source : 208V



PEFY-P27NMHU-E

External static pressure : 100,150,200Pa,0.40,0.60,0.80[in.WG]

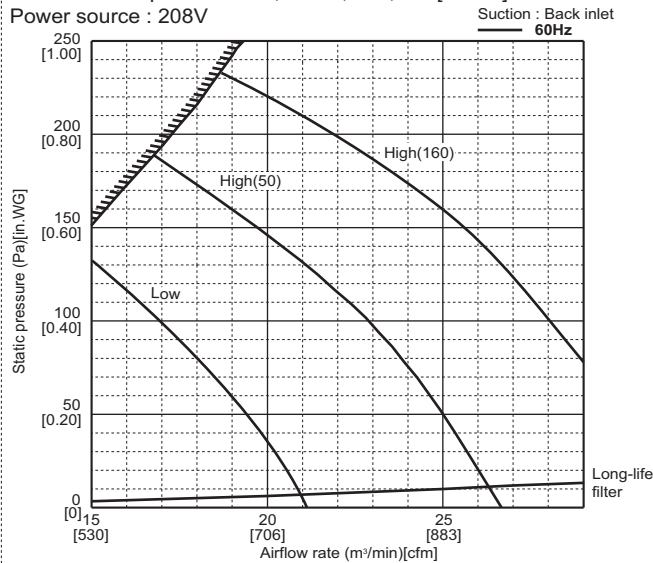
Power source : 230V



PEFY-P30NMHU-E

External static pressure : 50,160Pa,0.20,0.64[in.WG]

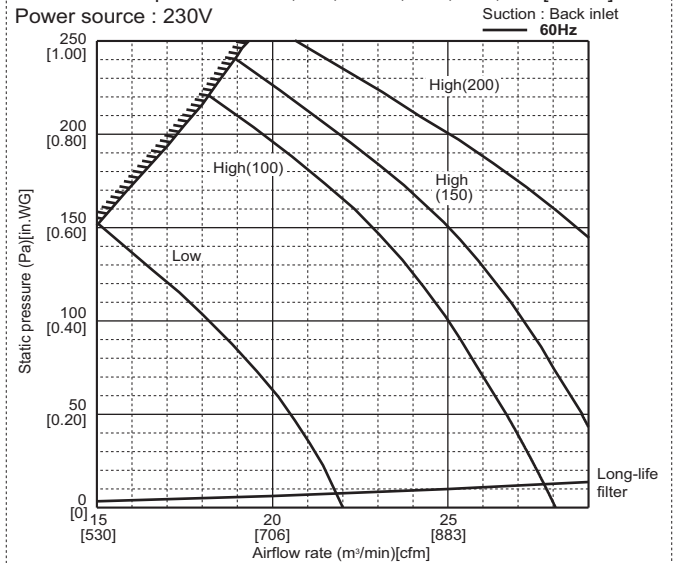
Power source : 208V



PEFY-P30NMHU-E

External static pressure : 100,150,200Pa,0.40,0.60,0.80[in.WG]

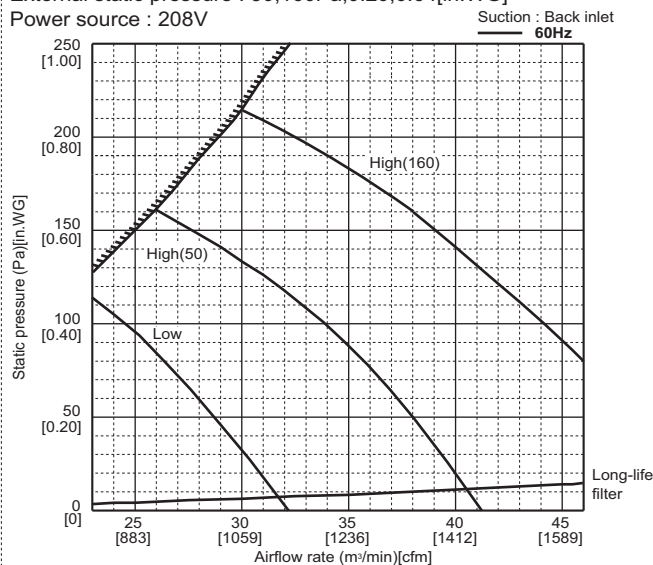
Power source : 230V



PEFY-P36,48NMHU-E

External static pressure : 50,160Pa,0.20,0.64[in.WG]

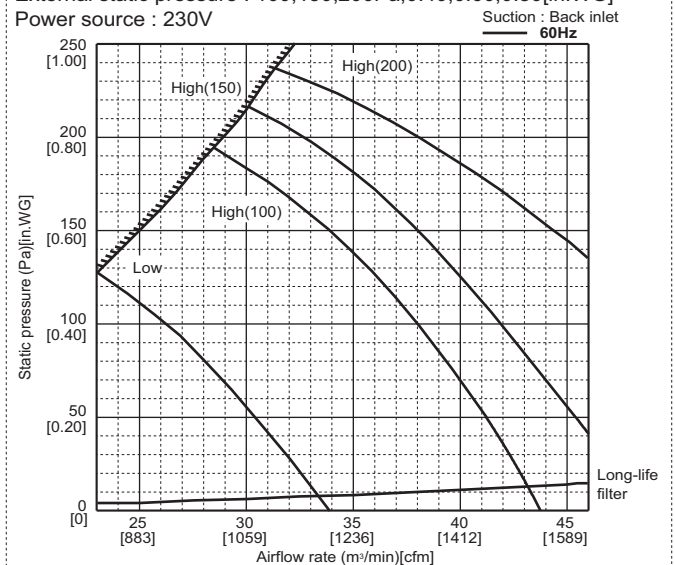
Power source : 208V



PEFY-P36,48NMHU-E

External static pressure : 100,150,200Pa,0.40,0.60,0.80[in.WG]

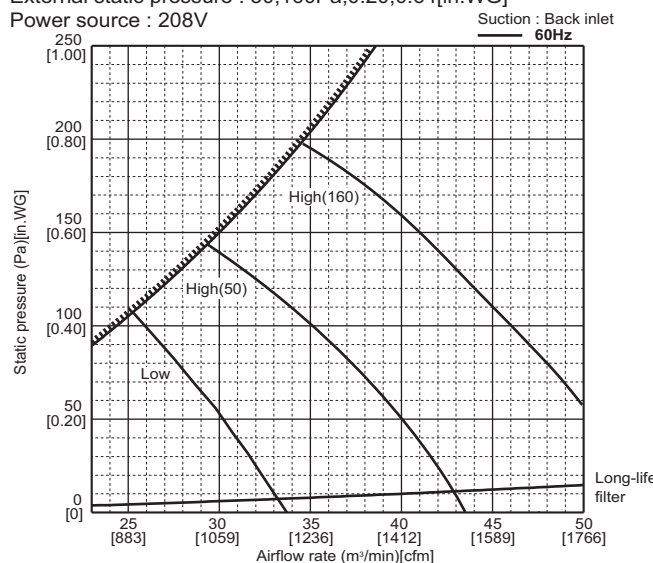
Power source : 230V



PEFY-P54NMHU-E

External static pressure : 50,160Pa,0.20,0.64[in.WG]

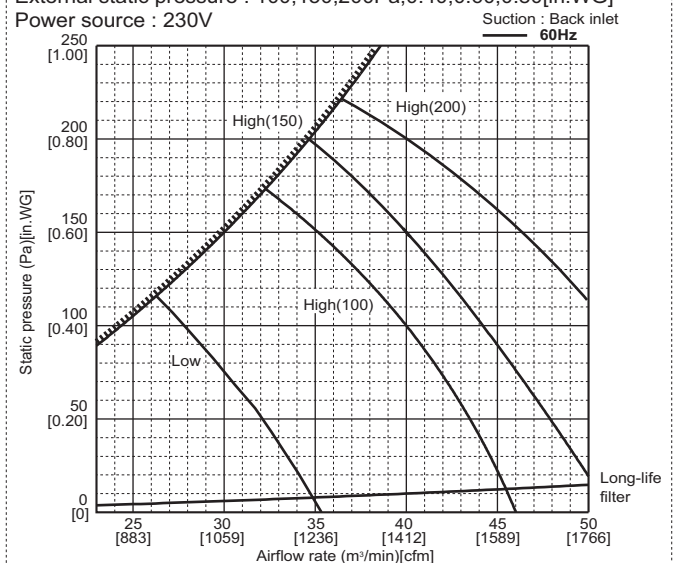
Power source : 208V



PEFY-P54NMHU-E

External static pressure : 100,150,200Pa,0.40,0.60,0.80[in.WG]

Power source : 230V



6. FAN CHARACTERISTICS CURVES

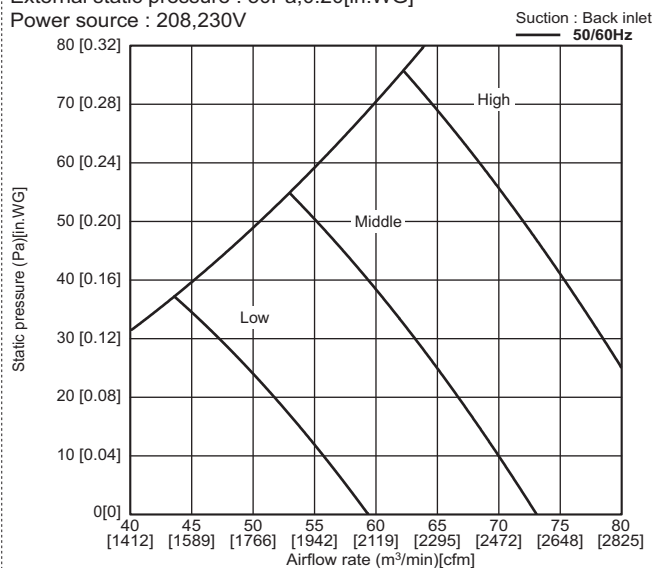
DATA U8

PEFY

PEFY-P72NMHSU-E

External static pressure : 50Pa,0.20[in.WG]

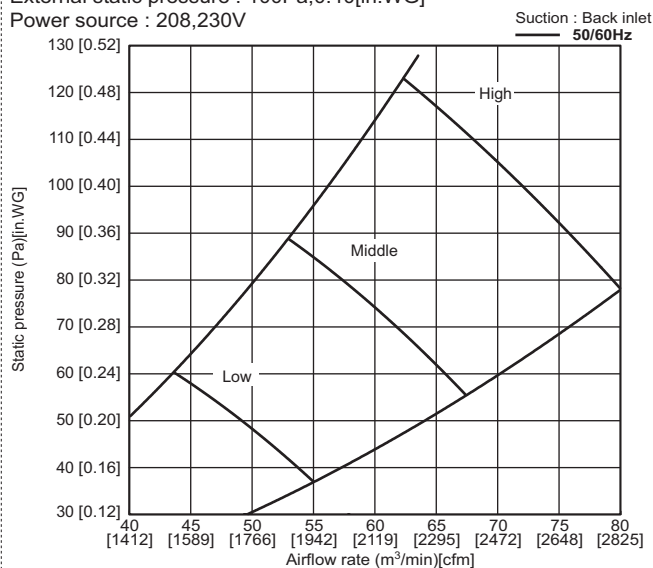
Power source : 208,230V



PEFY-P72NMHSU-E

External static pressure : 100Pa,0.40[in.WG]

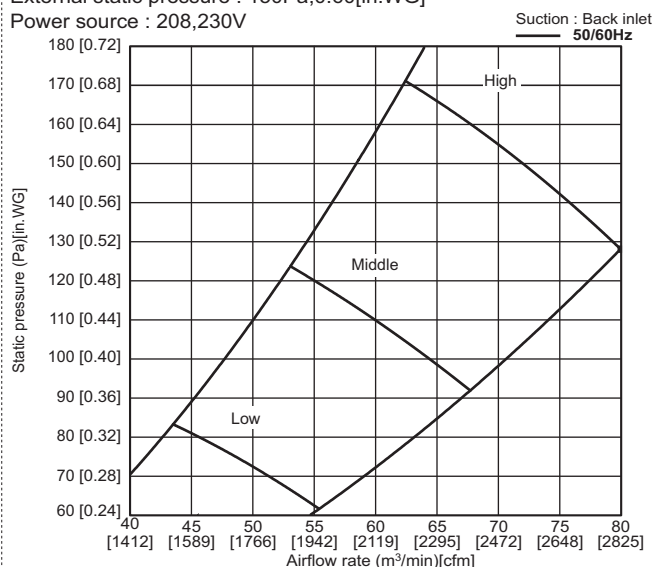
Power source : 208,230V



PEFY-P72NMHSU-E

External static pressure : 150Pa,0.60[in.WG]

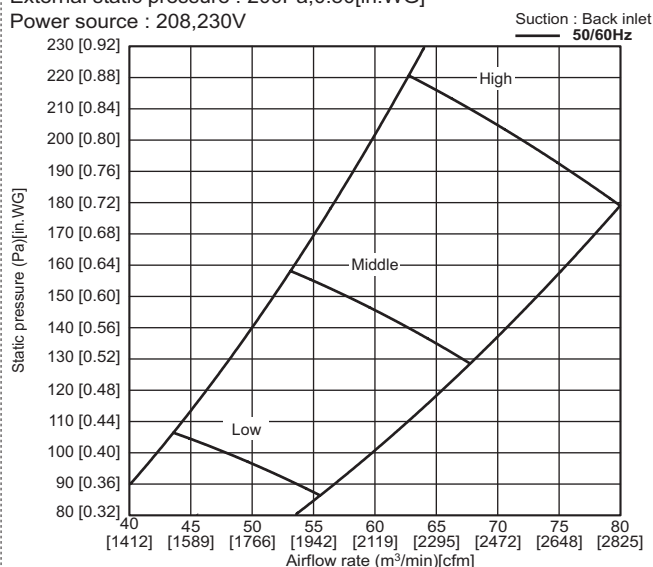
Power source : 208,230V



PEFY-P72NMHSU-E

External static pressure : 200Pa,0.80[in.WG]

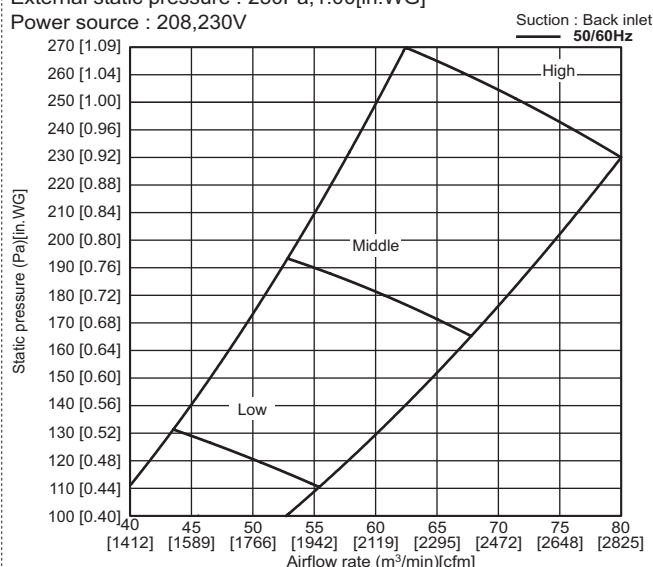
Power source : 208,230V



PEFY-P72NMHSU-E

External static pressure : 250Pa,1.00[in.WG]

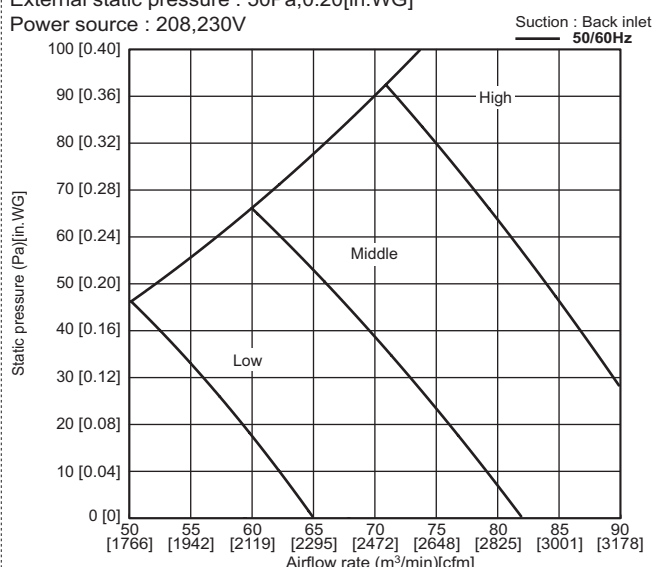
Power source : 208,230V



PEFY-P96NMHSU-E

External static pressure : 50Pa,0.20[in.WG]

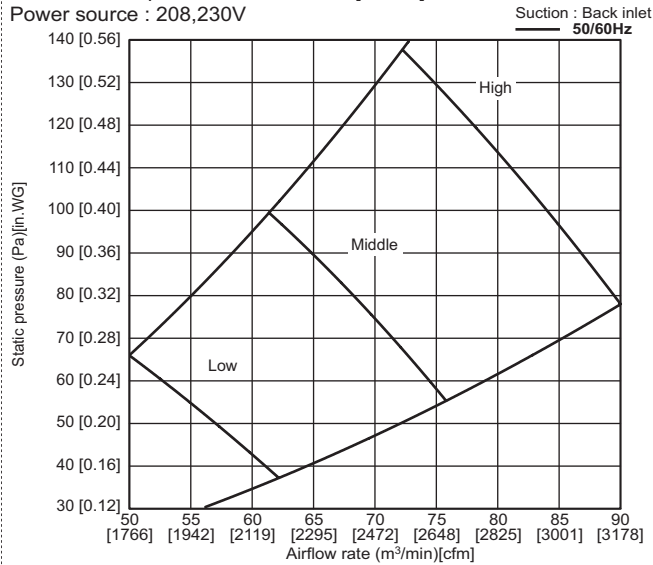
Power source : 208,230V



PEFY-P96NMHSU-E

External static pressure : 100Pa,0.40[in.WG]

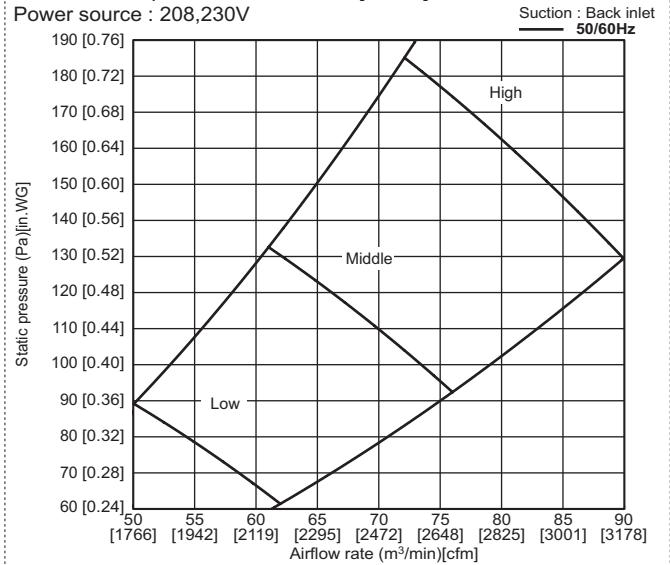
Power source : 208,230V



PEFY-P96NMHSU-E

External static pressure : 150Pa,0.60[in.WG]

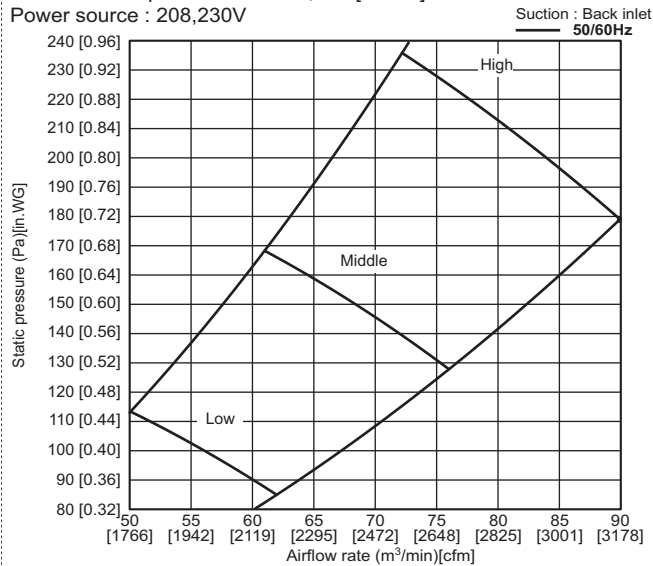
Power source : 208,230V



PEFY-P96NMHSU-E

External static pressure : 200Pa,0.80[in.WG]

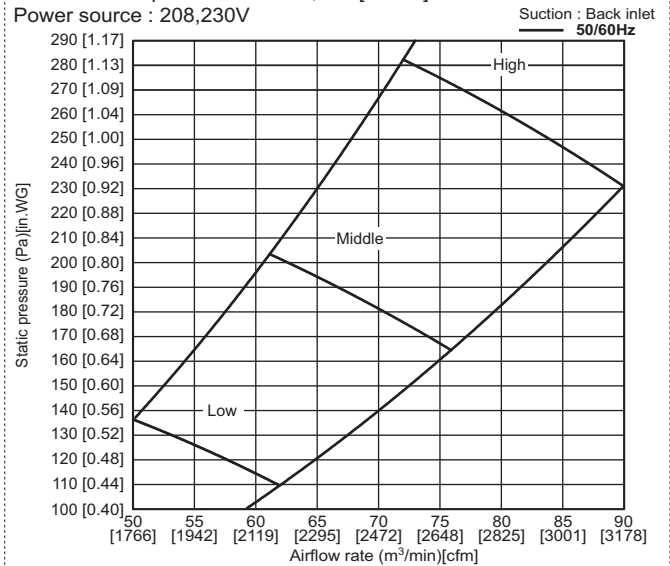
Power source : 208,230V



PEFY-P96NMHSU-E

External static pressure : 250Pa,1.00[in.WG]

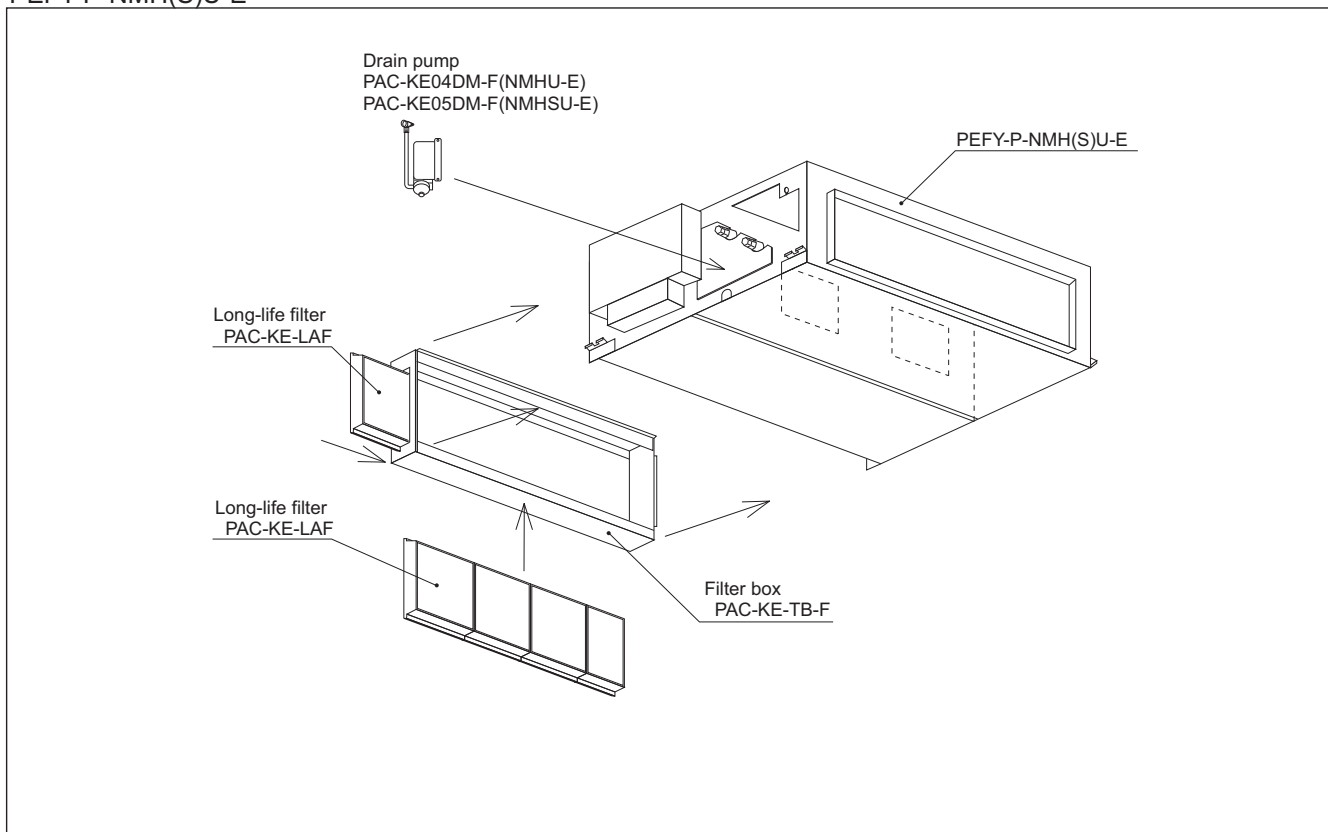
Power source : 208,230V



7-1. Optional parts line up for the Indoor unit

	Long-life filter	Filter box	Drain pump	External heater adapter
PEFY-P06,08,12,15,18,24NMSU-E	-	-	-	PAC-YU25HT
PEFY-P15,18,24NMHU-E	PAC-KE86LAF	PAC-KE63TB-F	PAC-KE04DM-F	PAC-YU25HT
PEFY-P27,30NMHU-E	PAC-KE88LAF	PAC-KE80TB-F	PAC-KE04DM-F	PAC-YU25HT
PEFY-P36,48,54NMHU-E	PAC-KE89LAF	PAC-KE140TB-F	PAC-KE04DM-F	PAC-YU25HT
PEFY-P72,96NMHSU-E	PAC-KE85LAF	PAC-KE250TB-F	PAC-KE05DM-F	PAC-YU25HT

PEFY-P-NMH(S)U-E



7-2. Long-life filter

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 "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	(298X300) 	(298X300) 	(298X300) 	(411X600)

Detailed installation information should be referred to its Installation Manual (WT02574X06)

PAC-KE-TB-F

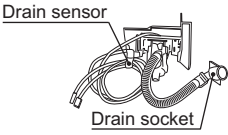
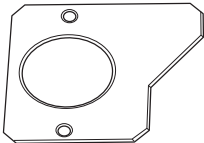
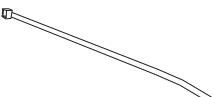
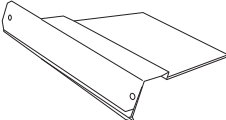
Item	① Screw	② Filter box	③ Installation manual	
Quantity	10/12*	1	1	
Shape				*PAC-KE250TB has 12 pieces of screw.

Detailed installation information should be referred to its Installation Manual (WT03018X02, WT03019X04)

7-3. Drain pump

If drain water can not flow out the Indoor unit by gravity and gradient, a Drain-pump for draining is needed.
Drain pump PAC-KE04DM-F can pump water up to 550mm [21-11/16 in.] high from the drain pan.

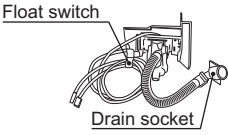
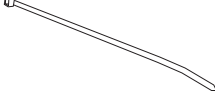
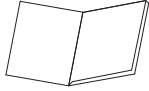
PAC-KE04DM-F

Item	① Drain pump ass'y	② Separator	③ Rubber plug	④ Connector	⑤ Dummy connector
Quantity	1	1	2	1	1
Shape					
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					

Detailed installation information should be referred to its Installation Manual (WT03312X07)

If drain water can not flow out the Indoor unit by gravity and gradient, a Drain-pump for draining is needed.
Drain pump PAC-KE05DM-F can pump water up to 700mm [27-9/16 in.] high from the drain pan.

PAC-KE05DM-F

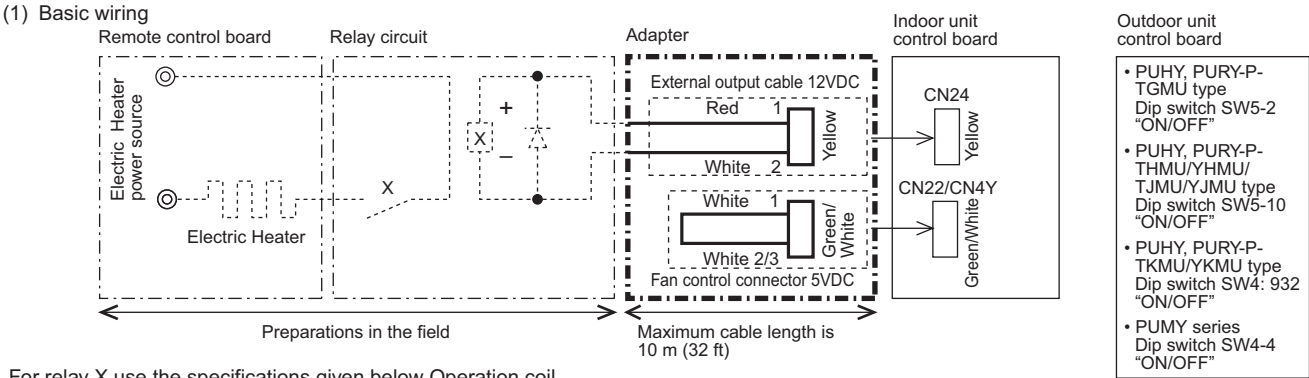
Item	① Drain pump ass'y	② Rubber plug	③ Rubber bushing	④ Band	⑤ PTT screw 4X10
Quantity	1	2	1	2	6+1 (spare)
Shape					
Item	⑥ Installation manual				
Quantity	1				
Shape					

Detailed installation information should be referred to its Installation Manual (WT06249X01)

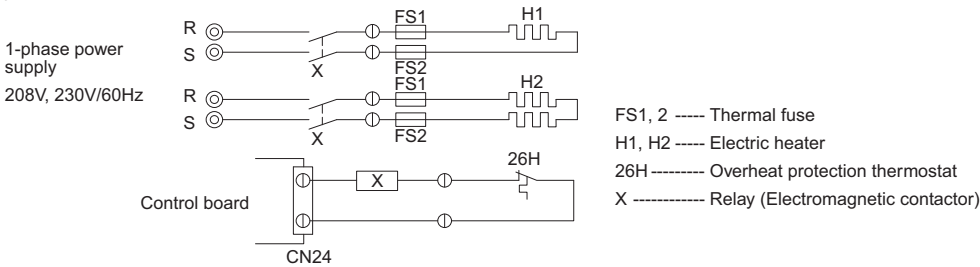
7-4. External heater adapter

External heater adapter PAC-YU25HT 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 its Installation Manual.)



(2) Recommended circuit



Item	① External output cable	② Connector (for use with the panel heater)	
Quantity	2	3	
Shape			

Wiring details and Installation details should be referred to its Installation Manual. (WT05383X03)