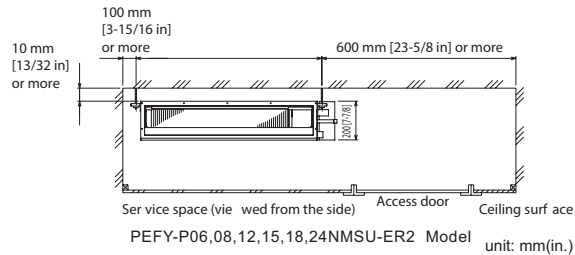


PEFY-P-NMSU-ER2, -NMAU-E3, -NMHU-E, -NMHSU-E

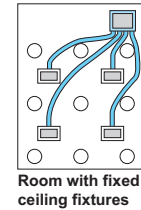
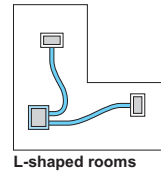
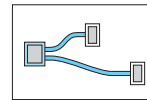
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CEILING-CONCEALED (LOW/MEDIUM/HIGH-STATIC PRESSURE)

7-7/8" extremely thin body of PEFY-NMSU-ER2 requires less ceiling space



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.



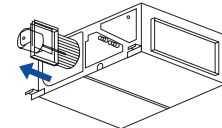
Sound Pressure Levels

	Low airflow	Middle airflow	High airflow
PEFY-P06NMSU-ER2	22 dBA	24 dBA	28 dBA
PEFY-P08NMSU-ER2	23 dBA	26 dBA	30 dBA
PEFY-P12NMSU-ER2	23 dBA	28 dBA	35 dBA
PEFY-P15NMSU-ER2	28 dBA	30 dBA	33 dBA
PEFY-P18NMSU-ER2	30 dBA	34 dBA	37 dBA
PEFY-P24NMSU-ER2	30 dBA	35 dBA	40 dBA

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

Maintain from just one side

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



■ PEFY-P-NMSU-ER2 has a condensate lift of 21-11/16 in., and PEFY-P-NMAU-E3 has a condensate lift of 27-9/16 in.

Ceiling concealed		P06	P08	P12	P15	P18	P24	P27	P30	P36	P48	P54	P72	P96
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-NMSU-ER2		●	●	●	●	●	●							
PEFY-P-NMAU-E3		●	●	●	●	●	●	●	●	●	●	●		
PEFY-P-NMHU-E					●	●	●	●	●	●	●	●		
PEFY-P-NMHSU-E													●	●

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

1. SPECIFICATIONS

Model			PEFY-P06NMSU-ER2	PEFY-P08NMSU-ER2	PEFY-P12NMSU-ER2	PEFY-P15NMSU-ER2
Power source			1-phase 208/230v 60Hz			
Cooling capacity *1 (Nominal)	Btu / h		6,000	8,000	12,000	15,000
		kW	1.8	2.3	3.5	4.4
	Power input	kW	0.05/0.05	0.06/0.06	0.07/0.07	0.07/0.07
	Current input	A	0.42/0.41	0.51/0.49	0.56/0.53	0.57/0.55
Heating capacity *2 (Nominal)	Btu / h		6,700	9,000	13,500	17,000
		kW	2.0	2.6	4.0	5.0
	Power input	kW	0.03/0.03	0.04/0.04	0.05/0.05	0.05/0.05
	Current input	A	0.32/0.31	0.41/0.39	0.46/0.43	0.47/0.45
MCA		A	0.47 / 0.50	0.47 / 0.50	0.68 / 0.74	1.20 / 1.33
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 *4	Type x quantity		Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	SIROCCO FAN X 3
	External Static pressure	in.WG	0.02-(0.06*)-0.14-0.20 (208V)	0.02-(0.06*)-0.14-0.20 (208V)	0.02-(0.06*)-0.14-0.20 (208V)	0.02-(0.06*)-0.14-0.20 (208V)
		PA	5-(15*)-35-50	5-(15*)-35-50	5-(15*)-35-50	5-(15*)-35-50
		in.WG	0.02-(0.06*)-0.14-0.20 (230V)	0.02-(0.06*)-0.14-0.20 (230V)	0.02-(0.06*)-0.14-0.20(230V)	0.02-(0.06*)-0.14-0.20(230V)
		PA	5-(15*)-35-50	5-(15*)-35-50	5-(15*)-35-50	5-(15*)-35-50
	Motor type		DC brushless motor			
	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) *4		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)
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 *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
Diameter of drain pipe		in. (mm)	O.D. 1-1/4(32)	O.D. 1-1/4(32)	O.D. 1-1/4(32)	O.D. 1-1/4(32)
Drain lift mechanism		in. (mm)	21-11/16 (551)	21-11/16 (551)	21-11/16 (551)	21-11/16 (551)
Drawing	External		WKB94L522			
	Wiring		WKB94L523			
Standard Attachment	Document		Installation manual, instruction book			
	Accessory		Drain hose (flexible joint)			
Optional Parts		External heater adaptor	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3
Remark			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.			
	Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.			

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
			BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31
			lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 Not compatible with models prior to H.			
*4 The external static pressure is set to 15 Pa (0.06 in. WG) at factory shipment.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

Model			PEFY-P18NMSU-ER2	PEFY-P24NMSU-ER2
Power source			1-phase 208/230V 60Hz	
Cooling capacity *1 (Nominal)	Btu / h		18,000	24,000
	kW		5.3	7.0
	Power input	kW	0.09/0.09	0.12/0.12
	Current input	A	0.74/0.70	0.98/0.93
Heating capacity *2 (Nominal)	Btu / h		20,000	27,000
	kW		5.9	7.9
	Power input	kW	0.07/0.07	0.10/0.10
	Current input	A	0.64/0.60	0.88/0.83
MCA	A		1.20 / 1.33	1.57 / 1.73
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 *3	Type x quantity		Sirocco fan x 3	Sirocco fan x 4
	External Static pressure	in.WG	0.02-(0.06*)-0.14-0.20 (208V)	0.02-(0.06*)-0.14-0.20(208V)
		PA	5-(15*)-35-50	5-(15*)-35-50
		in.WG	0.02-(0.06*)-0.14-0.20 (230V)	0.02-(0.06*)-0.14-0.20(230V)
		PA	5-(15*)-35-50	5-(15*)-35-50
	Motor type		DC brushless motor	
	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) *3	dB <A>	30-34-37 (208V)	30-35-40 (208V)	
	dB<A>	30-34-37 (230V)	30-35-40 (230V)	
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
Diameter of drain pipe		in. (mm)	O.D. 1-1/4(32)	O.D. 1-1/4(32)
Drain lift mechanism		in. (mm)	21-11/16 (551)	21-11/16 (551)
Drawing	External		WKB94L522	
	Wiring		WKB94L523	
Standard Attachment	Document		Installation Manual, Instruction Book	
	Accessory		Drain hose (flexible joint)	
Optional Parts	External heater adaptor		CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3
Remark			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	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
			BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31
			lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The external static pressure is set to 15 Pa (0.06 in. WG) at factory shipment.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

Model				PEFY-P06NMAU-E3	PEFY-P08NMAU-E3	PEFY-P12NMAU-E3	PEFY-P15NMAU-E3	
Power source				1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	
Cooling capacity		*1	BTU/h	6,000	8,000	12,000	15,000	
		*1	kW	1.8	2.3	3.5	4.4	
		*3	Power input	kW	0.060	0.060	0.090	0.090
		*3	Current input	A	0.56	0.56	0.66	0.67
Heating capacity		*2	BTU/h	6,700	9,000	13,500	17,000	
		*2	kW	2.0	2.6	4.0	5.0	
		*3	Power input	kW	0.040	0.040	0.070	0.070
		*3	Current input	A	0.45	0.45	0.55	0.56
External finish				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension HxWxD			inch	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8	
			mm	250 x 700 x 732	250 x 700 x 732	250 x 700 x 732	250 x 900 x 732	
Net weight			lbs (kg)	49 (22)	49 (22)	49 (22)	58 (26)	
Heat exchanger				Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	
FAN		Type x Quantity		Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	
		*4	External static press.	in.WG	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	
				Pa	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	
		Motor Type		DC motor	DC motor	DC motor	DC motor	
		Driving mechanism		Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	
		Air flow rate		(Low-Mid-High)		(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
				cfm	212 - 265 - 300	212 - 265 - 300	265 - 318 - 371	353 - 424 - 494
					m³/min	6.0 - 7.5 - 8.5	6.0 - 7.5 - 8.5	7.5 - 9.0 - 10.5
L/s	100 - 125 - 142				100 - 125 - 142	125 - 150 - 175	167 - 200 - 233	
Sound pressure level (measured in anechoic room)				(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
		*2	dB <A>	26-28-29	26-28-29	28-30-34	28-30-34	
Insulation material				EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	
Air filter				PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	
Protection device				Fuse				
Refrigerant control device				LEV				
Connectable outdoor unit				R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Diameter of refrigerant pipe		Liquid (R410A)	inch (mm)	1/4 (6.35)Braze	1/4 (6.35)Braze	1/4 (6.35)Braze	1/4 (6.35)Braze	
		Gas (R410A)	inch (mm)	1/2 (12.7)Braze	1/2 (12.7)Braze	1/2 (12.7)Braze	1/2 (12.7)Braze	
Field drain pipe size			inch (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		KD94R363	KD94R363	KD94R363	KD94R363	
		Wiring		KD94R364	KD94R364	KD94R364	KD94R364	
Standard attachment		Document		Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	
		Accessory		Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	
Optional parts		Filter box		FBM2-1	FBM2-1	FBM2-1	FBM2-2	
		External heater adapter		CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	
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.				

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	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 rated external static pressure is set to 50 Pa (0.20 in. WG) at factory shipment.			
*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.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

Model			PEFY-P18NMAU-E3	PEFY-P24NMAU-E3	PEFY-P27NMAU-E3	PEFY-P30NMAU-E3	
Power source			1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	
Cooling capacity	*1	BTU/h	18,000	24,000	27,000	30,000	
	*1	kW	5.3	7.0	7.9	8.8	
	*2	Power input	kW	0.110	0.170	0.170	
	*2	Current input	A	0.77	1.31	1.31	
Heating capacity	*3	BTU/h	20,000	27,000	30,000	34,000	
	*3	kW	5.9	7.9	8.8	10.0	
	*2	Power input	kW	0.090	0.150	0.150	
	*2	Current input	A	0.66	1.20	1.20	
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension HxWxD		inch	9-7/8 x 35-7/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	
		mm	250 x 900 x 732	250 x 1,100 x 732	250 x 1,100 x 732	250 x 1,100 x 732	
Net weight		lbs (kg)	58 (26)	67 (30)	67 (30)	67 (30)	
Heat exchanger			Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	
FAN	Type x Quantity		Sirocco fan x 1	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	
	*4 External static press.	in.WG	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	
		Pa	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	
	Motor Type		DC motor	DC motor	DC motor	DC motor	
	Driving mechanism		Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	
	Air flow rate		(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
			cfm	424 - 512 - 600	618 - 742 - 883	618 - 742 - 883	618 - 742 - 883
			m³/min	12.0 - 14.5 - 17.0	17.5 - 21.0 - 25.0	17.5 - 21.0 - 25.0	17.5 - 21.0 - 25.0
			L/s	200 - 242 - 283	292 - 350 - 417	292 - 350 - 417	292 - 350 - 417
	Sound pressure level (measured in anechoic room)			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
*2 dB <A>		28-32-35	30-34-39	30-34-39	30-34-39		
Insulation material			EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	
Air filter			PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Diameter of refrigerant pipe	Liquid (R410A)	inch (mm)	1/4 (6.35)Braze	3/8 (9.52)Braze	3/8 (9.52)Braze	3/8 (9.52)Braze	
	Gas (R410A)	inch (mm)	1/2 (12.7)Braze	5/8 (15.88)Braze	5/8 (15.88)Braze	5/8 (15.88)Braze	
Field drain pipe size		inch (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		KD94R363	KD94R363	KD94R363	KD94R363	
	Wiring		KD94R364	KD94R364	KD94R364	KD94R364	
Standard attachment	Document		Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	
	Accessory		Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	
Optional parts	Filter box		FBM2-2	FBM2-3	FBM2-3	FBM2-3	
	External heater adapter		CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	
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.				

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	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
			BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31
			lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) at factory shipment.			
*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.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

Model			PEFY-P36NMAU-E3	PEFY-P48NMAU-E3	PEFY-P54NMAU-E3	
Power source			1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	
Cooling capacity	*1	BTU/h	36,000	48,000	54,000	
	*1	kW	10.6	14.1	15.8	
	*2	Power input	kW	0.240	0.340	0.360
**F2	Current input	A	1.50	2.08	2.24	
Heating capacity	*3	BTU/h	40,000	54,000	60,000	
	*3	kW	11.7	15.8	17.6	
	*2	Power input	kW	0.220	0.320	0.340
	*2	Current input	A	1.39	1.97	2.13
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension HxWxD		inch	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 63 x 28-7/8	
		mm	250 x 1,400 x 732	250 x 1,400 x 732	250 x 1,600 x 732	
Net weight		lbs (kg)	86 (39)	86 (39)	93 (42)	
Heat exchanger			Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	
FAN	Type x Quantity		Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	
	*4	External static press.	in.WG	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>
		Pa	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	
	Motor Type		DC motor	DC motor	DC motor	
	Driving mechanism		Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	
	Air flow rate		(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
		cfm	812 - 989 - 1165	989 - 1201 - 1412	1042 - 1254 - 1483	
		m³/min	23.0- 28.0 - 33.0	28.0 - 34.0 - 40.0	29.5 - 35.5- 42.0	
		L/s	383 - 467 - 550	467 - 567 - 667	492 - 592 - 700	
Sound pressure level (measured in anechoic room)		(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)		
*2 dB <A>		32-37-41	35-40-44	36-41-45		
Insulation material			EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	
Air filter			PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Diameter of refrigerant pipe	Liquid (R410A)	inch (mm)	3/8 (9.52)Braze	3/8 (9.52)Braze	3/8 (9.52)Braze	
	Gas (R410A)	inch (mm)	5/8 (15.88)Braze	5/8 (15.88)Braze	5/8 (15.88)Braze	
Field drain pipe size		inch (mm)	O.D.1-1/4(32)	O.D.1-1/4(32)	O.D.1-1/4(32)	
Drawing	External		KD94R363	KD94R363	KD94R363	
	Wiring		KD94R364	KD94R364	KD94R364	
Standard attachment	Document		Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	
	Accessory		Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	
Optional parts	Filter box		FBM2-4	FBM2-4	FBM2-5	
	External heater adapter		CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	
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.			

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	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
			BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31
			lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) at factory shipment.			
*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.			
*Due to continuing improvement, above specification may be subject to change without notice.			

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 (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>	<N/A>-0.20-<0.64>
		Pa	<N/A>-50-<160>	<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>	<0.40>-0.60-<0.80>
		Pa	<100>-150-<200>	<100>-150-<200>	<100>-150-<200>	<100>-150-<200>
	Motor type		1-phase induction motor			
	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)
		*3 dB <A>	34-39 (230V)	34-39 (230V)	36-41 (230V)	35-41 (230V)
Insulation material			Polystyrene foam,Polyethylene foam,Urethane foam			
Air filter			Optional			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	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					
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		CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3
	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.			

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	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
			BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31
			lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) for 208V and 150 Pa (0.60) for 230V at factory shipment.			
*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.			
*Due to continuing improvement, above specification may be subject to change without notice.			

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 (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>	<N/A>-0.20-<0.64>
			Pa	<N/A>-50-<160>	<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>	<0.40>-0.60-<0.80>
			Pa	<100>-150-<200>	<100>-150-<200>	<100>-150-<200>	<100>-150-<200>
	Motor type		1-phase induction motor				
	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)		*3	dB <A>	33-40 (208V)	31-41 (208V)	31-41 (208V)	
			dB <A>	38-43 (230V)	38-44 (230V)	38-44 (230V)	
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam				
Air filter			Optional				
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	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				
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		CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	
	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.				

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	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
			BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31
			lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) for 208V and 150 Pa (0.60) for 230V at factory shipment.			
*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.			
*Due to continuing improvement, above specification may be subject to change without notice.			

1. SPECIFICATIONS

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	
		kW	21.1		28.1	
	*2	Power input	kW		0.63	
		Current input (208/230V)	A		3.67/3.32	
Heating capacity (Nominal)	*3	Btu/h	80,000		108,000	
		kW	23.4		31.7	
	*2	Power input	kW		0.63	
		Current input (208/230V)	A		3.67/3.32	
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>		
		(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>		
	Motor Type		DC motor		DC motor	
	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	
			m ³ / 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			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A CITY MULTI		R410A CITY MULTI	
Diameter of refrigerant pipe	Liquid (R410A)	in. (mm)	3/8(9.52)Braze		3/8(9.52)Braze	
	Gas (R410A)	in. (mm)	3/4(19.05)Braze		7/8(22.22)Braze	
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	
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			
	External heater adapter		CN24RELAY-KIT-CM3			
	Filter Options		FBH4-4 Combination filter and filter box			
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.			

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	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
			BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31
			lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 160 Pa (0.642 in. WG) for 208V and 200 Pa (0.803) for 230V at factory shipment.			
*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.			
*Due to continuing improvement, above specification may be subject to change without notice.			

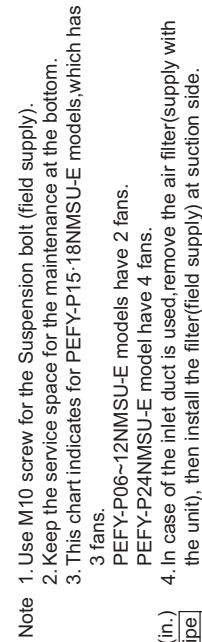
1. SPECIFICATIONS

Electrical characteristics of Indoor unit

Symbols: MCA : Min.Circuit Amps (=1.25xFLA) FLA : Full Load Amps
IFM :Indoor Fan Motor

Model	Indoor Unit				IFM
	Hz	Volts	Voltage range	MCA(A)	FLA(A)
PEFY-P06NMAU-E3	60Hz	208 / 230V	188 to 253V	1.05 / 1.05	0.84 / 0.84
PEFY-P08NMAU-E3				1.05 / 1.05	0.84 / 0.84
PEFY-P12NMAU-E3				1.20 / 1.20	0.96 / 0.96
PEFY-P15NMAU-E3				1.45 / 1.45	1.16 / 1.16
PEFY-P18NMAU-E3				1.56 / 1.56	1.25 / 1.25
PEFY-P24NMAU-E3				2.73 / 2.73	2.18 / 2.18
PEFY-P27NMAU-E3				2.73 / 2.73	2.18 / 2.18
PEFY-P30NMAU-E3				2.73 / 2.73	2.18 / 2.18
PEFY-P36NMAU-E3				3.50 / 3.50	2.80 / 2.80
PEFY-P48NMAU-E3				3.33 / 3.33	2.66 / 2.66
PEFY-P54NMAU-E3				3.33 / 3.33	2.66 / 2.66
PEFY-P06NMSU-ER2	60Hz	208 / 230V	188 to 253V	0.47 / 0.50	0.32 / 0.31
PEFY-P08NMSU-ER2				0.47 / 0.50	0.41 / 0.39
PEFY-P12NMSU-ER2				0.68 / 0.74	0.46 / 0.43
PEFY-P15NMSU-ER2				1.20 / 1.33	0.47 / 0.45
PEFY-P18NMSU-ER2				1.20 / 1.33	0.64 / 0.60
PEFY-P24NMSU-ER2				1.57 / 1.73	0.88 / 0.83
PEFY-P15NMHU-E				1.20 / 1.33	0.96 / 1.06
PEFY-P18NMHU-E				1.20 / 1.33	0.96 / 1.06
PEFY-P24NMHU-E				1.57 / 1.73	1.25 / 1.38
PEFY-P27NMHU-E				1.72 / 1.89	1.37 / 1.51
PEFY-P30NMHU-E				2.08 / 2.29	1.66 / 1.83
PEFY-P36NMHU-E				4.23 / 4.67	3.38 / 3.73
PEFY-P48NMHU-E				4.23 / 4.67	3.38 / 3.73
PEFY-P54NMHU-E				4.29 / 4.73	3.43 / 3.78
PEFY-P72NMHSU-E			187 to 253V	7.7	6.2
PEFY-P96NMHSU-E				8.2	6.6

Ref.: PEFY_NMSU-ER2_EXD_USDB_ALL
Unit : mm(in)



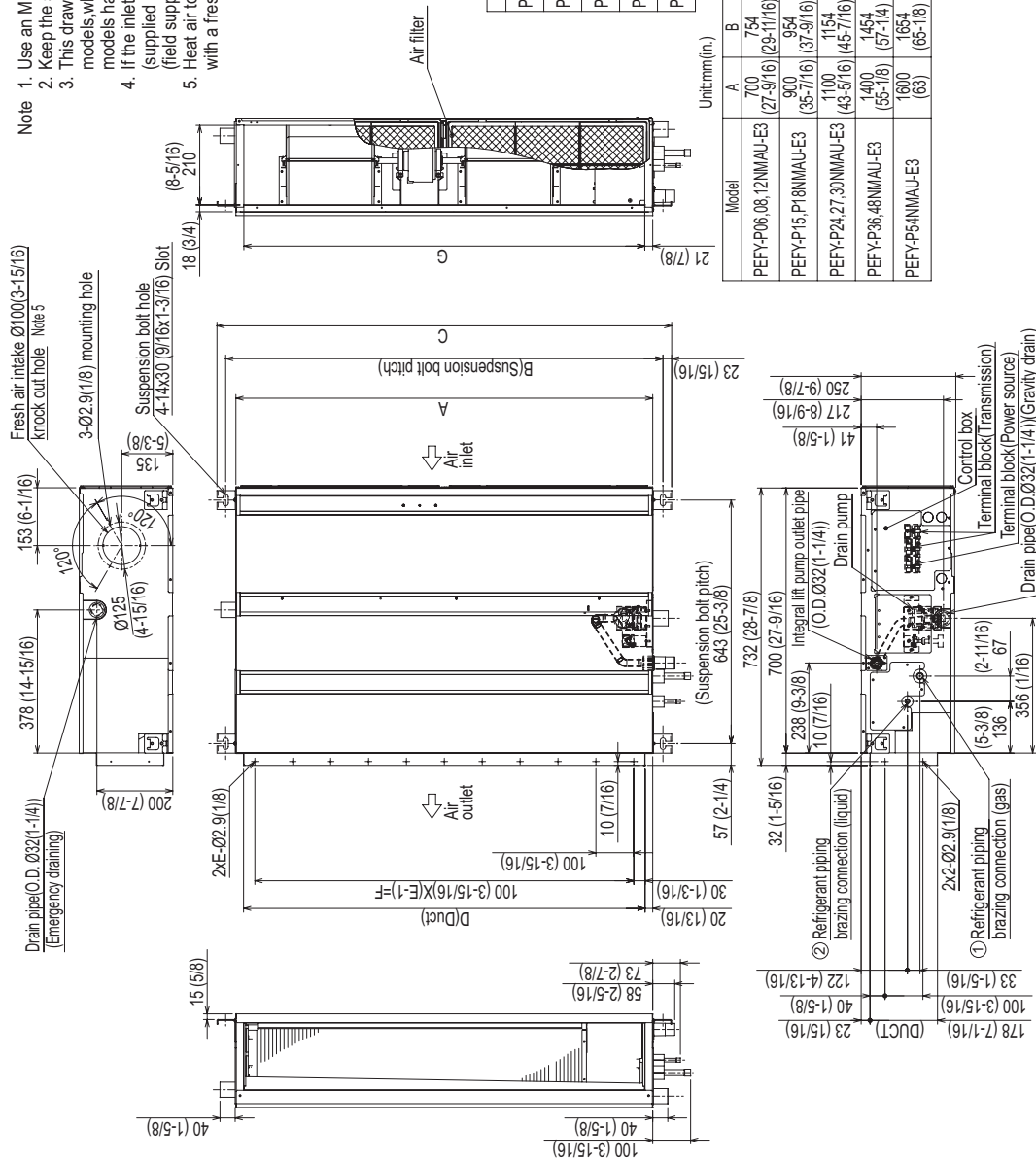
Model	brazing connection (gas)			brazing connection (liquid)			Gravity draining)			mm (in.)					
	A	B	C	D	E	F	G	H	J	K	L	M	N	① Gas pipe	② Liquid pipe
	700 (27-9/16)	752 (29-5/8)	798 (31-7/16)	660 (26)	7	600 (23-5/8)	800 (31-1/2)	660 (26)	5	500 (19-11/16)	16	839 (33-1/16)	790 (31-1/8)	ø12.7 (1/2)	ø6.35 (1/4)
	900 (35-7/16)	952 (37-1/2)	998 (39-5/16)	860 (33-7/8)	9	800 (31-1/2)	1000 (39-3/8)	860 (33-7/8)	7	700 (27-9/16)	20	1039 (40-29/32)	990 (39)		
PEFY-P18NMSU-ER2	1100 (43-3/8)	1152 (45-3/8)	1198 (47-1/8)	1060 (41-3/4)	11	1000 (39-3/8)	1200 (47-1/4)	1060 (41-3/4)	9	900 (35-3/8)	24	1239 (48-7/8)	1190 (47-1/8)	ø15.88 (5/8)	ø9.52 (3/8)
PEFY-P24NMSU-ER2	1300 (51-1/2)	1352 (53-1/8)	1398 (55-1/8)	1260 (49-3/4)		1200 (47-1/4)	1400 (55-1/4)	1260 (49-3/4)							

2. EXTERNAL DIMENSIONS

PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E3

Unit : mm(in.)

- Note
1. Use an M10 screw for the suspension bolt (field supply).
 2. Keep the service space for maintenance at the bottom.
 3. This drawing is for PEFY-P24-27-30-36-48-54NMAU-E3 models, which have 2 fans. PEFY-P06-08-12-15-18NMAU-E3 models have 1 fan.
 4. If the inlet duct is used, remove the air filter (supplied with the unit), then install the filter (field supply) at the suction side.
 5. Heat air to 0°C (32°F) or higher when taking fresh air with a fresh air intake.



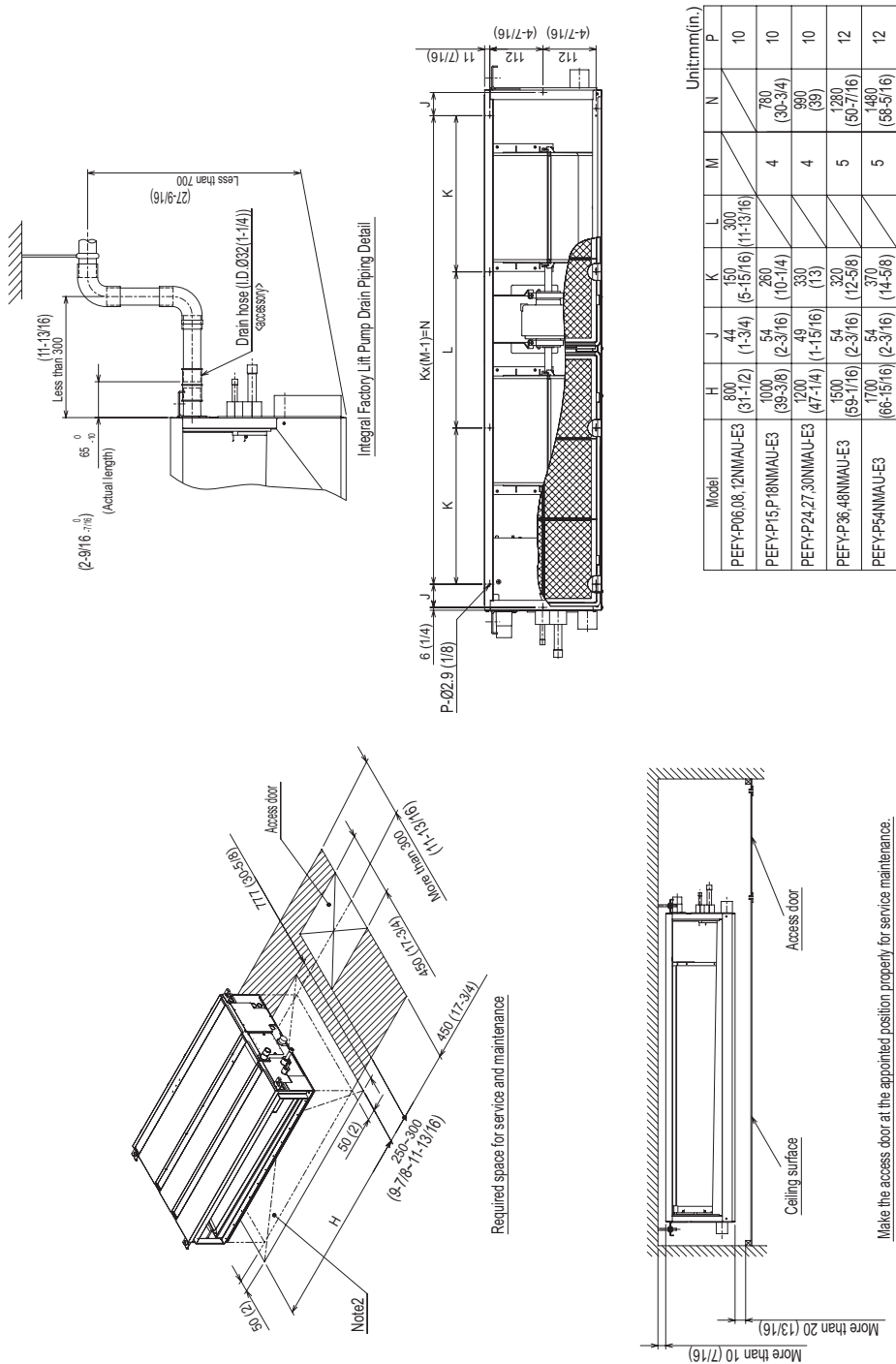
Model	① Gas pipe	② Liquid pipe
PEFY-P06,08,12NMAU-E3	Ø12.7 (1/2)	Ø6.35 (1/4)
PEFY-P15,P18NMAU-E3		
PEFY-P24,27,30NMAU-E3	Ø15.88 (5/8)	Ø9.52 (3/8)
PEFY-P36,48NMAU-E3		
PEFY-P54NMAU-E3		

Model	A	B	C	D	E	F	G
PEFY-P06,08,12NMAU-E3	700 (27-9/16)	754 (29-11/16)	800 (31-1/2)	660 (26)	7	600 (23-5/8)	658 (25-15/16)
PEFY-P15,P18NMAU-E3	900 (35-7/16)	954 (37-9/16)	1000 (39-3/8)	860 (33-7/8)	9	800 (31-1/2)	858 (33-13/16)
PEFY-P24,27,30NMAU-E3	1100 (43-5/16)	1154 (45-7/16)	1200 (47-1/4)	1060 (41-3/4)	11	1000 (39-3/8)	1058 (41-11/16)
PEFY-P36,48NMAU-E3	1400 (55-1/8)	1454 (57-1/4)	1500 (59-1/16)	1360 (53-9/16)	14	1300 (51-3/16)	1358 (53-1/2)
PEFY-P54NMAU-E3	1600 (63)	1654 (65-1/8)	1700 (66-15/16)	1560 (61-7/16)	16	1500 (59-1/16)	1558 (61-3/8)

2. EXTERNAL DIMENSIONS

PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E3

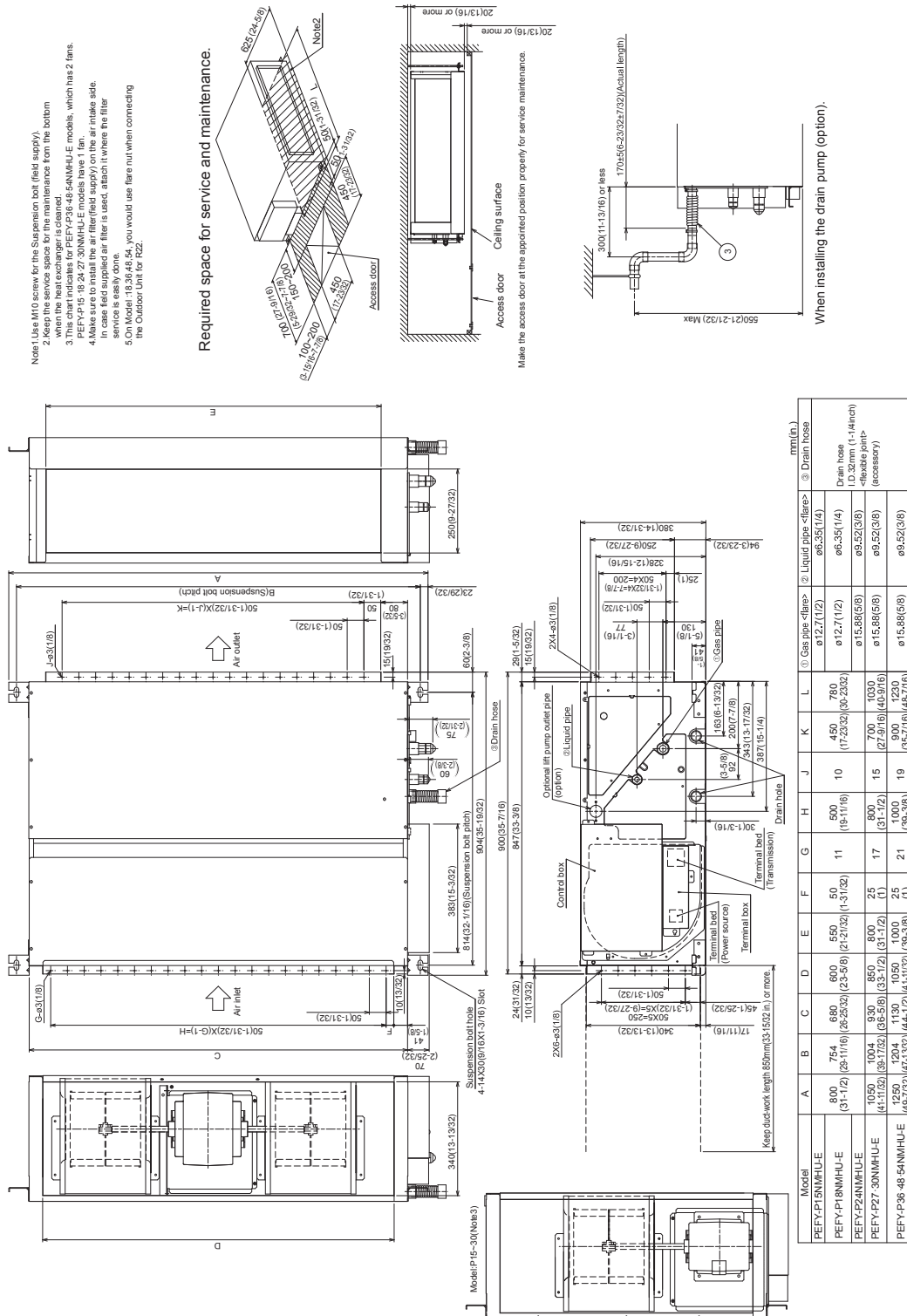
Unit : mm(in.)



2. EXTERNAL DIMENSIONS

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

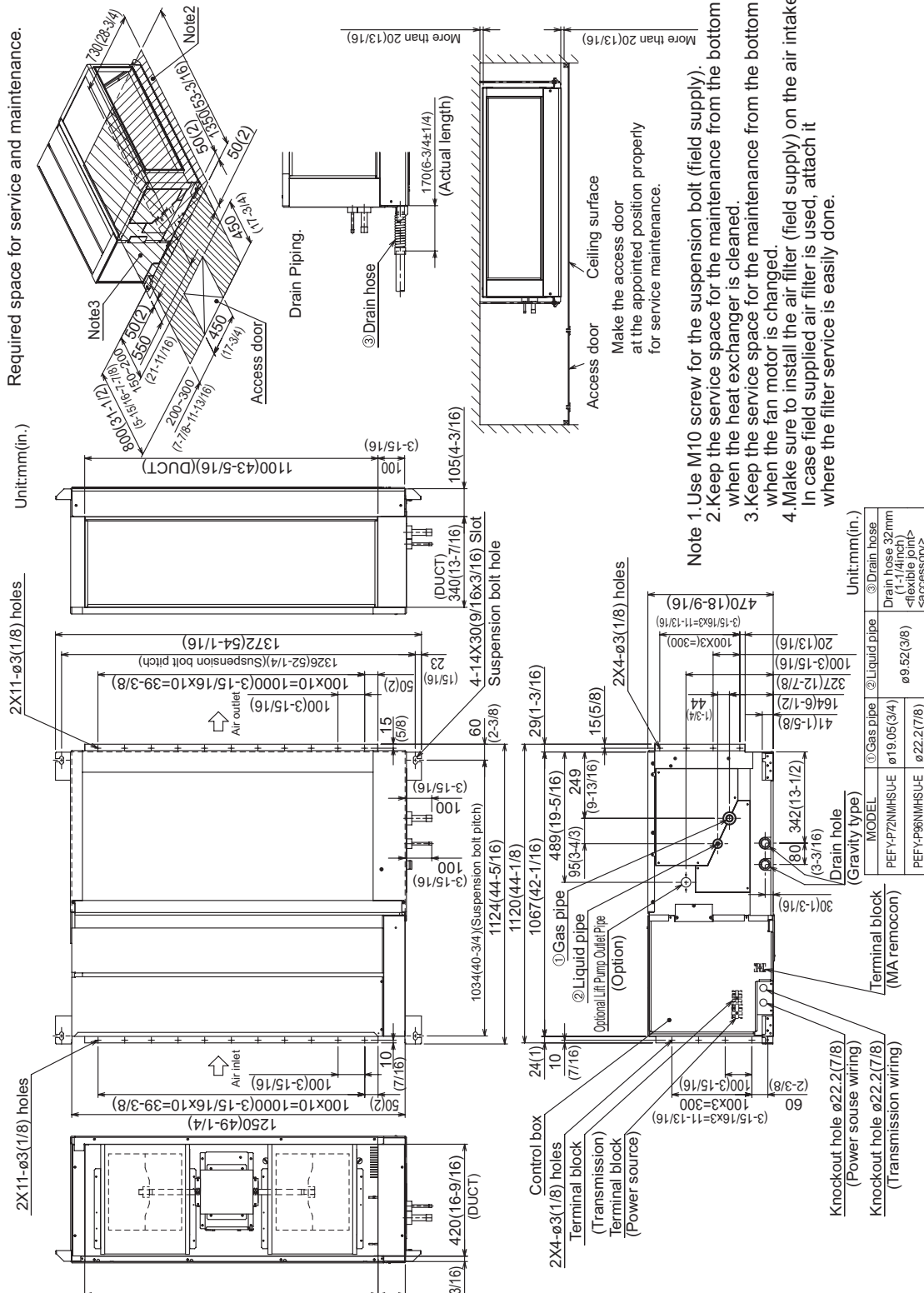
Draw. : IU-W277664
Unit : mm(in)



2. EXTERNAL DIMENSIONS

PEFY-P72,96NMHSU-E

Unit : mm(in.)

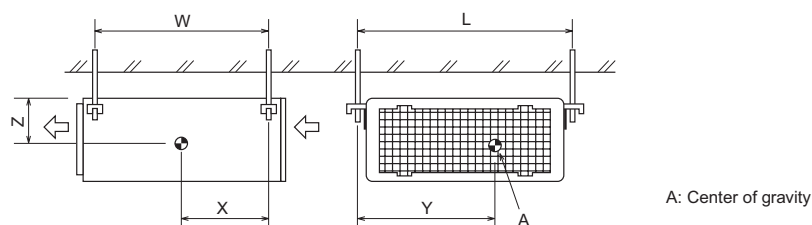


3. CENTER OF GRAVITY

PEFY-P06, 08, 12, 15, 18, 24NMSU-ER2

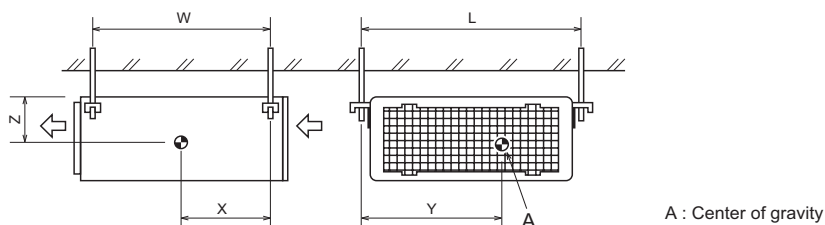
Ref.: PEFY_NMSU-ER2_EXD_USDB_ALL

Unit: mm(in)



Model name	W	L	X	Y	Z
PEFY-P06NMSU-ER2	625 [24-5/8]	752 [29-5/8]	263 [10-3/8]	338 [13-5/16]	105 [4-5/32]
PEFY-P08NMSU-ER2	625 [24-5/8]	752 [29-5/8]	263 [10-3/8]	338 [13-5/16]	105 [4-5/32]
PEFY-P12NMSU-ER2	625 [24-5/8]	752 [29-5/8]	275 [10-27/32]	340 [13-13/32]	104 [4-1/8]
PEFY-P15NMSU-ER2	625 [24-5/8]	952 [37-1/2]	280 [11-1/32]	422 [16-5/8]	104 [4-1/8]
PEFY-P18NMSU-ER2	625 [24-5/8]	952 [37-1/2]	280 [11-1/32]	422 [16-5/8]	104 [4-1/8]
PEFY-P24NMSU-ER2	625 [24-5/8]	1152 [45-3/8]	285 [11-1/4]	511 [20-1/8]	104 [4-1/8]

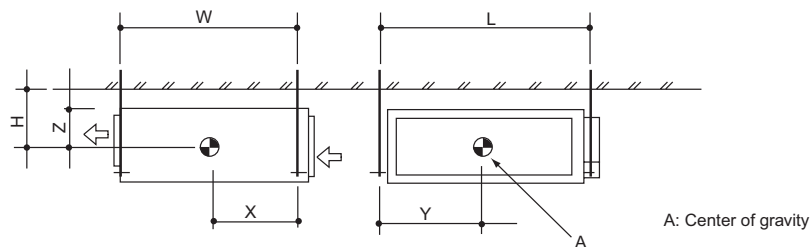
PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E3



Model name	W	L	X	Y	Z
PEFY-P06NMAU-E3	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 - 13/16]	130 [5 - 2/16]
PEFY-P08NMAU-E3	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 - 13/16]	130 [5 - 2/16]
PEFY-P12NMAU-E3	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 - 13/16]	130 [5 - 2/16]
PEFY-P15NMAU-E3	643 [25 - 6/16]	954 [37 - 9/16]	340 [13 - 7/16]	375 [14 - 13/16]	130 [5 - 2/16]
PEFY-P18NMAU-E3	643 [25 - 6/16]	954 [37 - 9/16]	340 [13 - 7/16]	375 [14 - 13/16]	130 [5 - 2/16]
PEFY-P24NMAU-E3	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 - 11/16]	130 [5 - 2/16]
PEFY-P27NMAU-E3	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 - 11/16]	130 [5 - 2/16]
PEFY-P30NMAU-E3	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 - 11/16]	130 [5 - 2/16]
PEFY-P36NMAU-E3	643 [25 - 6/16]	1454 [57 - 4/16]	330 [13]	675 [26 - 10/16]	130 [5 - 2/16]
PEFY-P48NMAU-E3	643 [25 - 6/16]	1454 [57 - 4/16]	330 [13]	675 [26 - 10/16]	130 [5 - 2/16]
PEFY-P54NMAU-E3	643 [25 - 6/16]	1654 [65 - 2/16]	332 [13 - 2/16]	725 [28 - 9/16]	130 [5 - 2/16]

3. CENTER OF GRAVITY

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



(mm)[in]

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]

INSIDE SECTION OF CONTROL BOX

Ref.: PEFY_NMSU-ER2_EWD_USDB_ALL

NOTE:

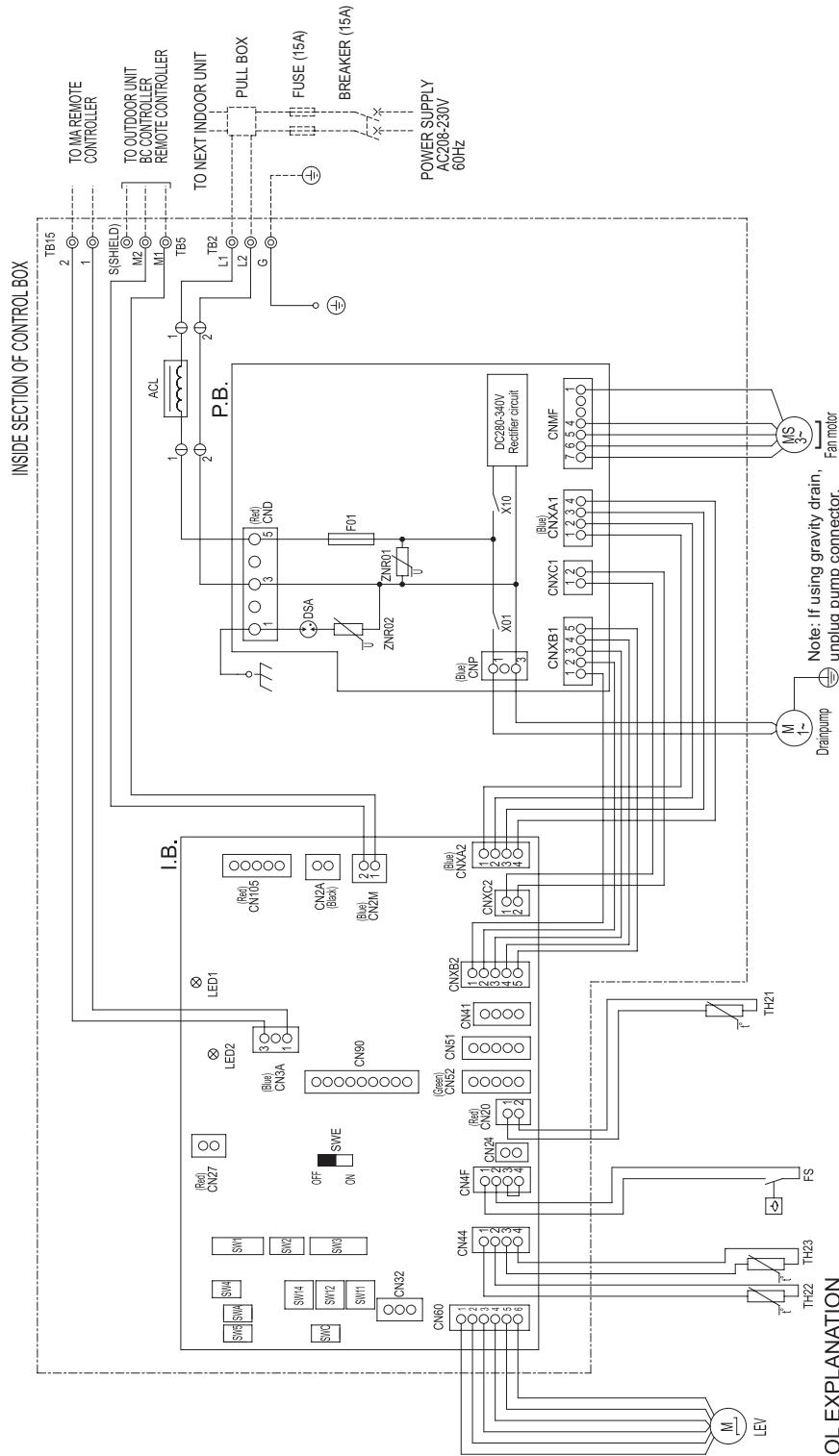
1. The wirings to TB2, TB5, TB15 shown in dotted line are field work.
2. Mark ⊙ indicates terminal bed, ⊕ connector.
3. Use copper supply wire.

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	CN32	Connector (Remote switch)	SW3(L.B.)	Switch (for mode selection)
A.B.	Address board	CN41	Connector (HA terminal-A)	SW4(L.B.)	Switch (for mode selection)
TB2	Power source terminal bed	CN51	Connector (Centrally control)	SW6(L.B.)	Connector (emergency operation)
TB5	Transmission terminal bed	CN52	Connector (Remote indication)	SW1(A.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 (Drain Safety)	SW12(A.B.)	Switch (2nd digit address set)
DSA	Arestor	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(L.B.)	Switch (for capacity code)	SWC(A.B.)	Switch (for static pressure selection)

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 mode 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(A.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 (Drain Safety)	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)	SW21(B.)	Switch (for capacity code)	SWC(A.B.)	Switch (for static pressure selection)

4. ELECTRICAL WIRING DIAGRAMS

PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E3



SYMBOL EXPLANATION

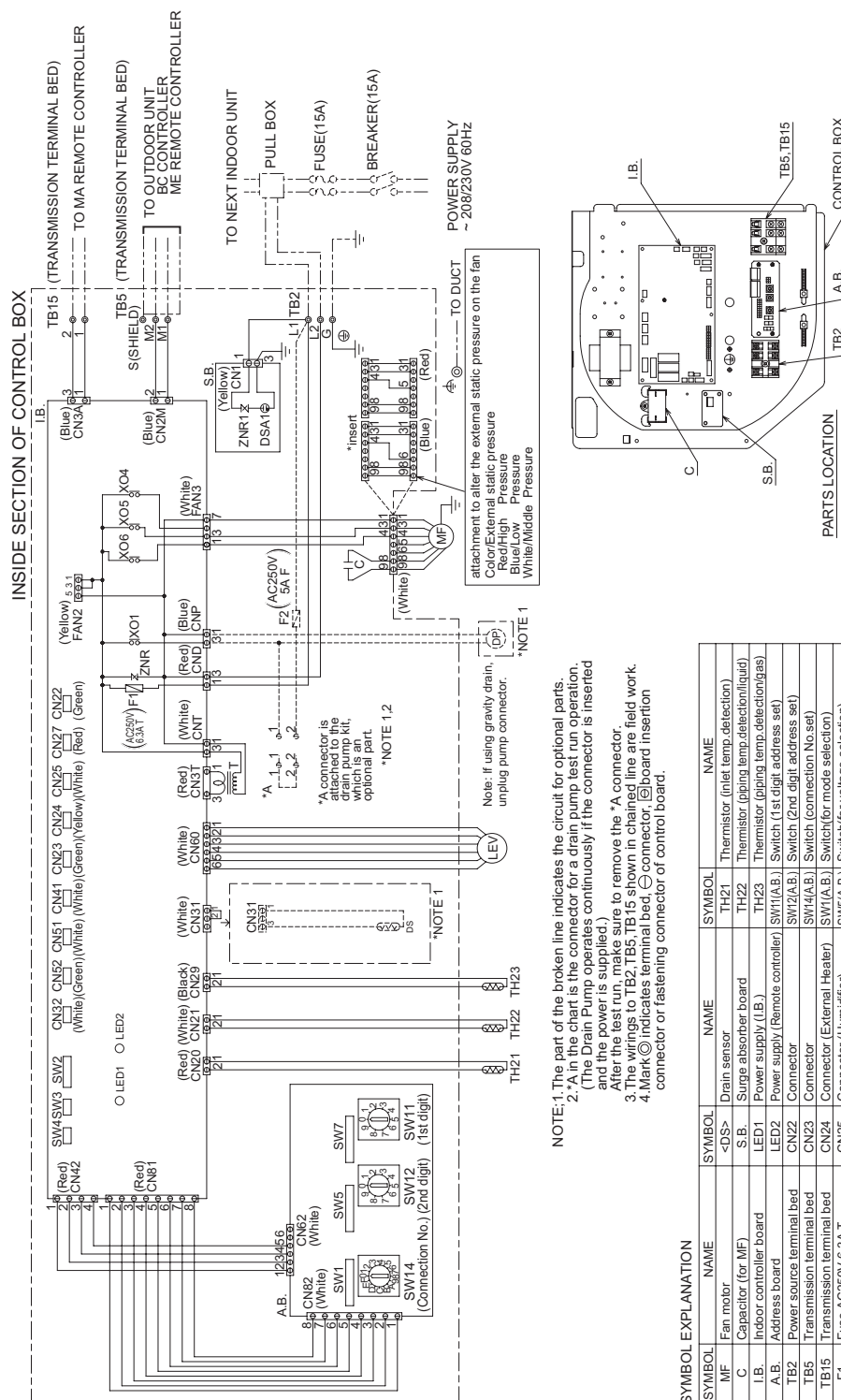
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	CN41	Connector (HA terminal-A)	SW4(L.B.)	Switch (for model selection)
P.B.	Power supply board	CN51	Connector (Centrally control)	SW5(L.B.)	Switch (for mode selection)
TB2	Power source terminal block	CN52	Connector (Remote indication)	SW11(L.B.)	Switch (1s digit address set)
TB5	Transmission terminal block	CN90	Connector (Wireless)	SW12(L.B.)	Switch (10ths digit address set)
TB15	Transmission terminal block	CN105	Connector (IT terminal)	SW14(L.B.)	Switch (BRANCH No.)
F01	Fuse AC250V 6.3A	CN2A	Connector (0-10V Analog input)	SWA(L.B.)	Switch (for static pressure selection)
ZNR01,02	Varistor	FS	Float switch	SWC(L.B.)	Switch (for static pressure selection)
DSA	Arrester	TH21	Thermistor (inlet air temp detection)	SWE(L.B.)	Connector (emergency operation)
X01	Aux. relay	TH22	Thermistor (piping temp.detection/liquid)	LED1	LED(Power supply)
X10	Aux. relay	TH23	Thermistor (piping temp.detection/gas)	LED2	LED(Remote controller supply)
ACL	AC reactor(Power factor improvement)	SW1(L.B.)	Switch (for mode selection)		
CN24	External Heater	SW2(L.B.)	Switch (for capacity code)		
CN27	Connector (Damper)	SW3(L.B.)	Switch (for mode selection)		
CN32	Connector (Remote switch)				

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

4. ELECTRICAL WIRING DIAGRAMS

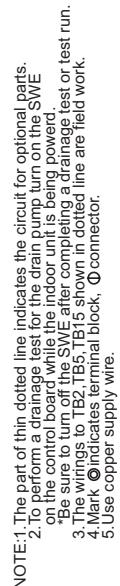
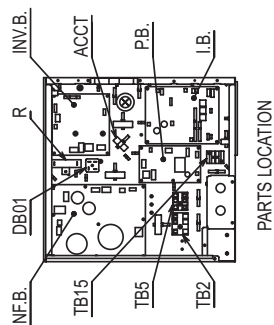
PEFY-P15,18,24,27,30,36,48,54NMHU-E

Drw. : IU-W660134



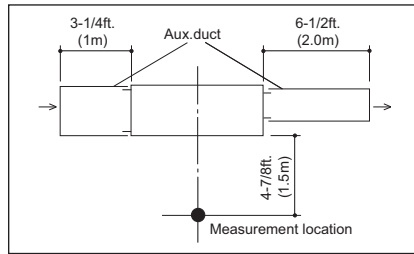
PEFY-P72,96NMHSU-E

Inside < > is the optional parts.



5. SOUND PRESSURE LEVELS

5-1. Sound Pressure Levels



Measured in an anechoic room.

Operating sound levels

(Low - Middle - High)

Unit : dB (A)

Model		Sound pressure level (A weighted)
PEFY-P06NMSU-ER2	208V	22 - 24 - 28
	230V	22 - 24 - 28
PEFY-P08NMSU-ER2	208V	23 - 26 - 30
	230V	23 - 26 - 30
PEFY-P12NMSU-ER2	208V	23 - 28 - 35
	230V	23 - 28 - 35
PEFY-P15NMSU-ER2	208V	28 - 30 - 33
	230V	28 - 30 - 33
PEFY-P18NMSU-ER2	208V	30 - 34 - 37
	230V	30 - 34 - 37
PEFY-P24NMSU-ER2	208V	30 - 35 - 40
	230V	30 - 35 - 40

((Low) - High)

Unit : dB (A)

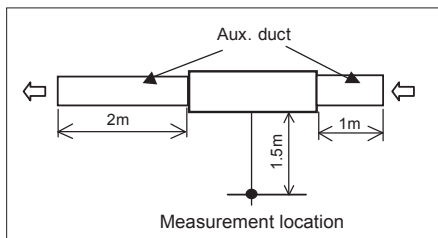
Model		Sound pressure level (A weighted)
PEFY-P15,P18NMHU-E	208V	25 - 32
	230V	34 - 39
PEFY-P24NMHU-E	208V	29 - 36
	230V	36 - 41
PEFY-P27NMHU-E	208V	30 - 38
	230V	35 - 41
PEFY-P30NMHU-E	208V	33 - 40
	230V	38 - 43
PEFY-P36,P48,P54NMHU-E	208V	31 - 41
	230V	38 - 44

(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

PEFY-P-NMAU-E3



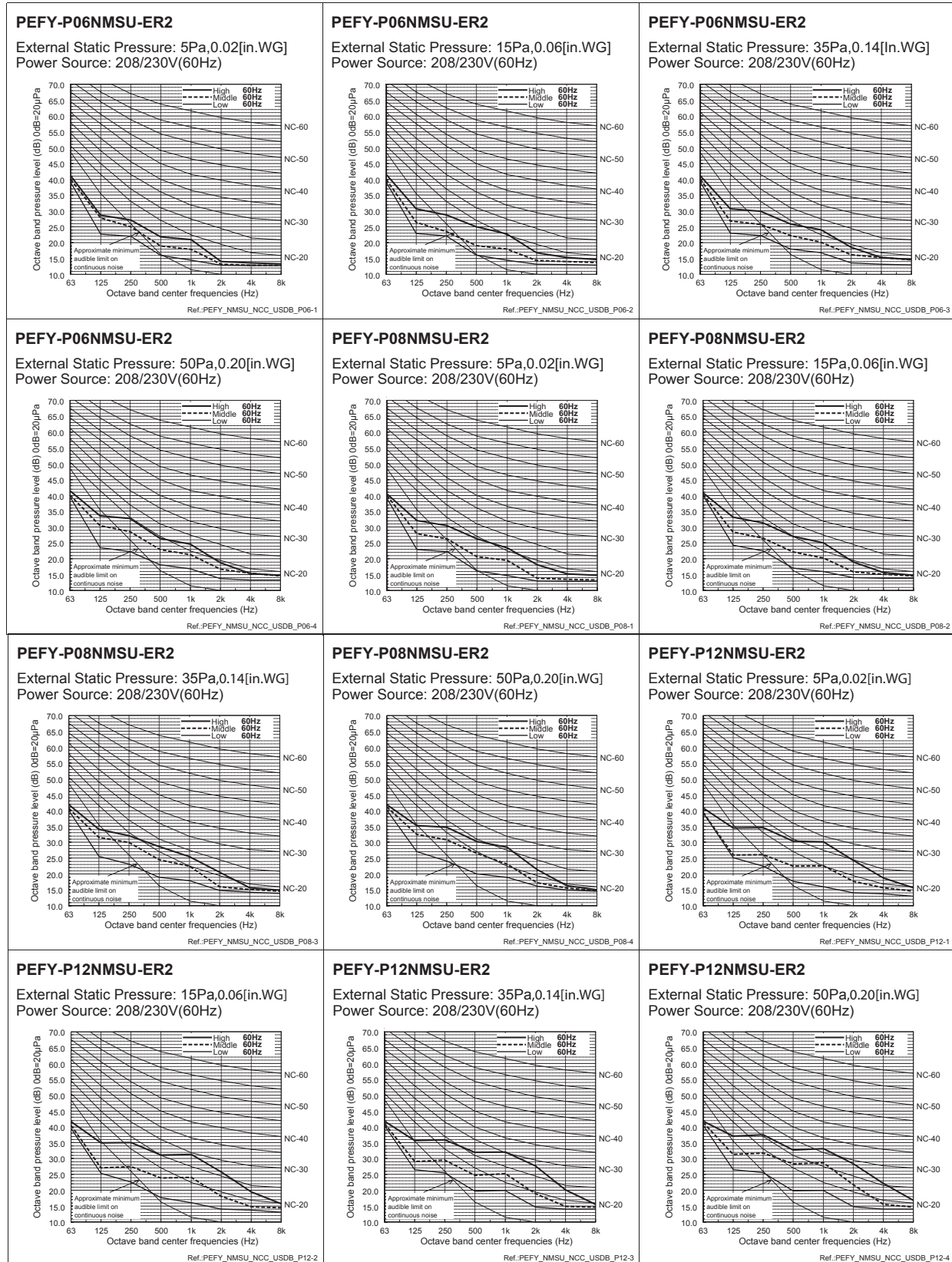
* Measured in anechoic room.

Sound level at anechoic room : Low-Mid-High

Model	Sound level dB(A)				
	35Pa	50Pa	70Pa	100Pa	150Pa
PEFY-P06NMAU-E3	26-27-28	26-28-29	26-29-31	27-30-33	28-33-37
PEFY-P08NMAU-E3	26-27-28	26-28-29	26-29-31	27-30-33	28-33-37
PEFY-P12NMAU-E3	28-30-34	28-30-34	29-32-36	29-33-37	31-35-40
PEFY-P15NMAU-E3	28-30-34	28-30-34	29-32-36	29-33-37	32-36-40
PEFY-P18NMAU-E3	28-31-35	28-32-35	29-33-37	30-34-38	32-37-41
PEFY-P24NMAU-E3	30-33-38	30-34-39	31-35-39	32-37-40	34-39-43
PEFY-P27NMAU-E3	30-33-38	30-34-39	31-35-39	32-37-40	34-39-43
PEFY-P30NMAU-E3	30-33-38	30-34-39	31-35-39	32-37-40	34-39-43
PEFY-P36NMAU-E3	31-36-40	32-37-41	33-38-42	35-39-43	37-42-45
PEFY-P48NMAU-E3	35-40-44	35-40-44	37-41-45	38-42-46	39-44-47
PEFY-P54NMAU-E3	36-41-45	36-41-45	38-42-46	39-43-47	40-45-48

5. SOUND PRESSURE LEVELS

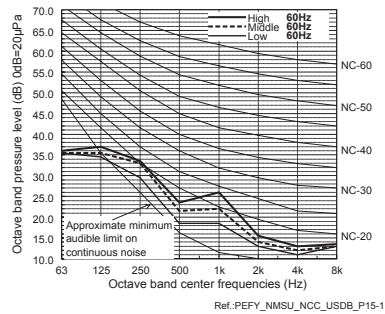
5-2. NC Curves



5. SOUND PRESSURE LEVELS

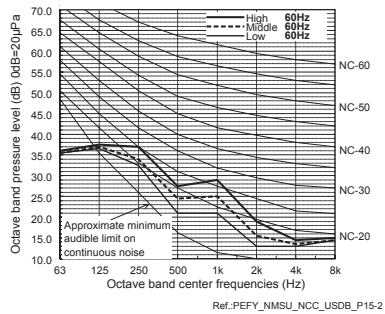
PEFY-P15NMSU-ER2

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



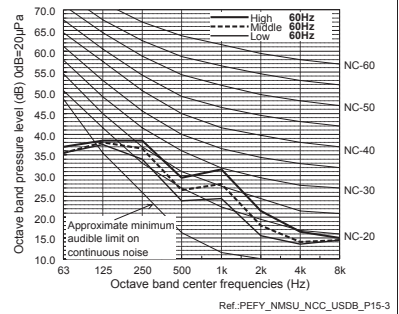
PEFY-P15NMSU-ER2

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



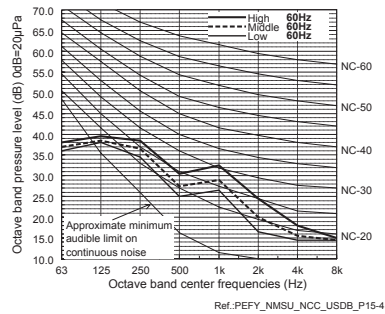
PEFY-P15NMSU-ER2

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



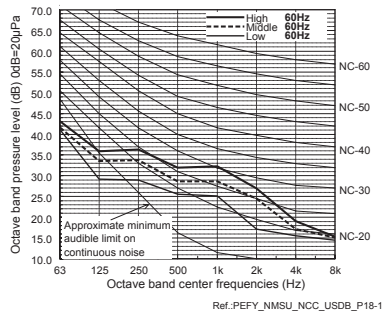
PEFY-P15NMSU-ER2

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



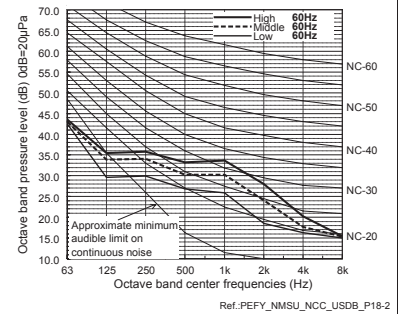
PEFY-P18NMSU-ER2

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



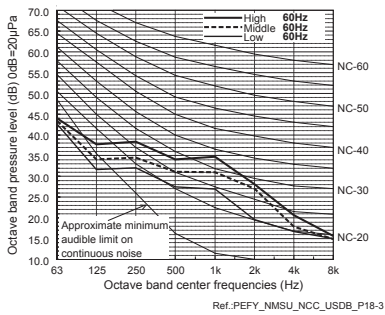
PEFY-P18NMSU-ER2

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



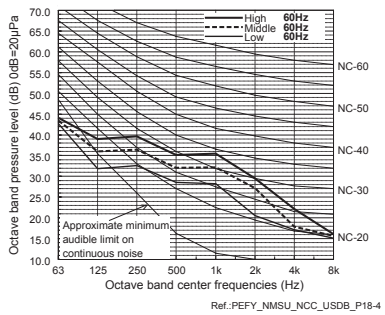
PEFY-P18NMSU-ER2

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



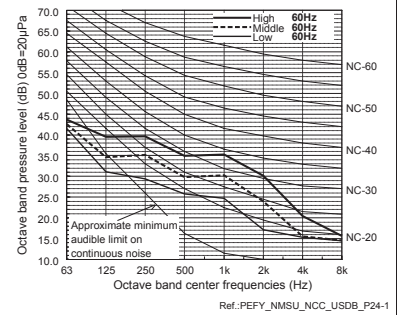
PEFY-P18NMSU-ER2

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



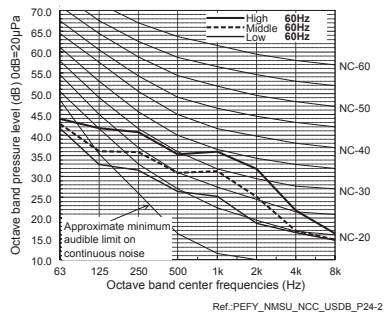
PEFY-P24NMSU-ER2

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



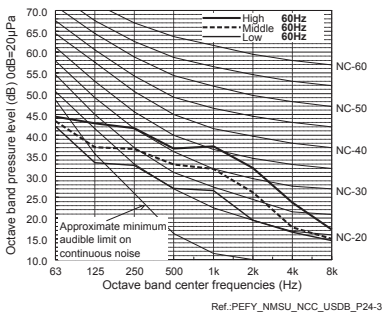
PEFY-P24NMSU-ER2

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



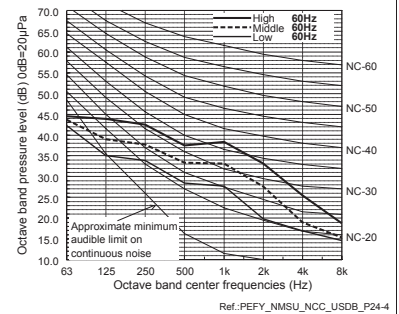
PEFY-P24NMSU-ER2

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



PEFY-P24NMSU-ER2

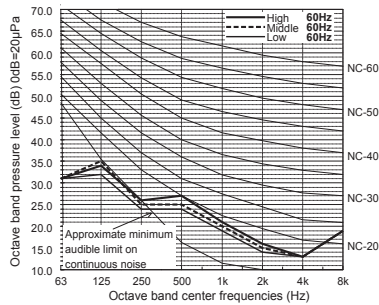
External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208/230V(60Hz)



5. SOUND PRESSURE LEVELS

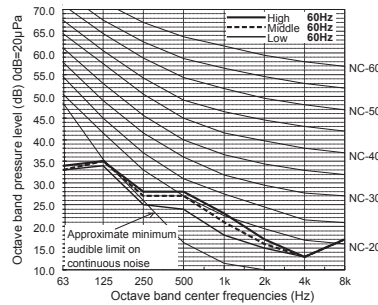
PEFY-P06,08NMAU-E3

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



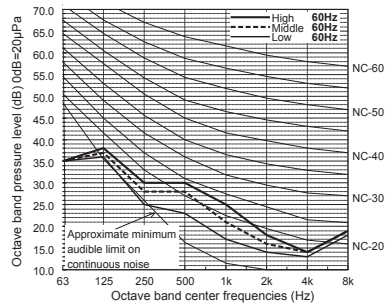
PEFY-P06,08NMAU-E3

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



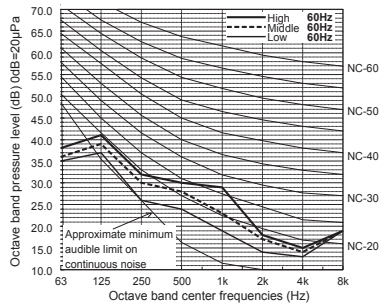
PEFY-P06,08NMAU-E3

External Static Pressure: 70Pa [0.28 in.WG]
Power Source: 208-230V(60Hz)



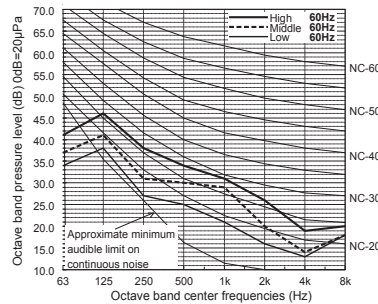
PEFY-P06,08NMAU-E3

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



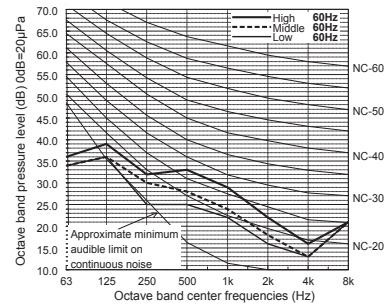
PEFY-P06,08NMAU-E3

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



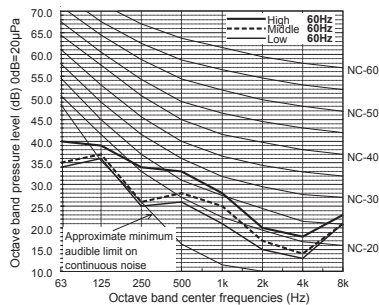
PEFY-P12NMAU-E3

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



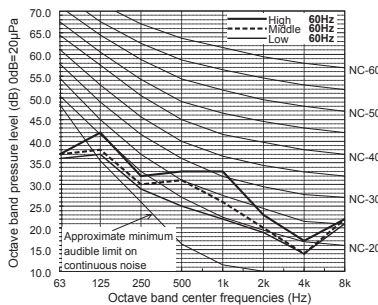
PEFY-P12NMAU-E3

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



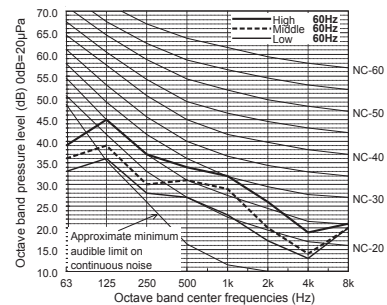
PEFY-P12NMAU-E3

External Static Pressure: 70Pa [0.28 in.WG]
Power Source: 208-230V(60Hz)



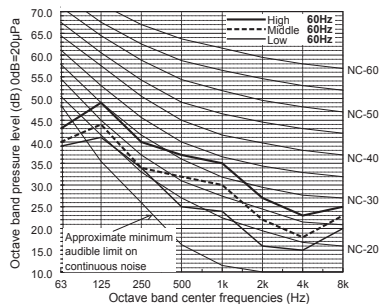
PEFY-P12NMAU-E3

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



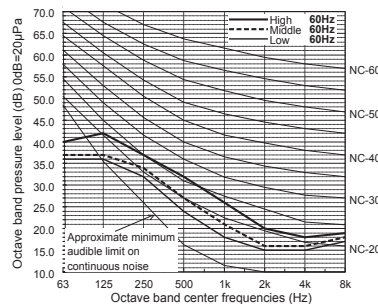
PEFY-P12NMAU-E3

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



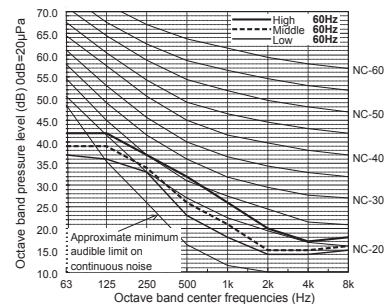
PEFY-P15NMAU-E3

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



PEFY-P15NMAU-E3

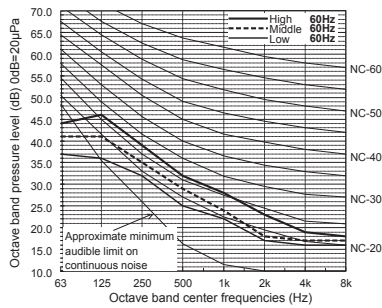
External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208-230V(60Hz)



5. SOUND PRESSURE LEVELS

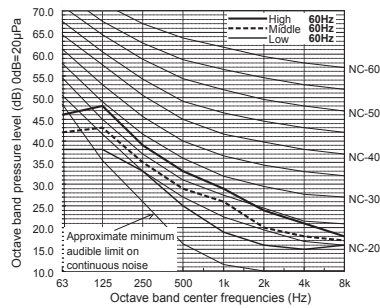
PEFY-P15NMAU-E3

External Static Pressure: 70Pa [0.28 in.WG]
Power Source: 208-230V(60Hz)



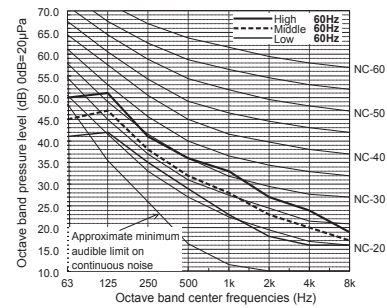
PEFY-P15NMAU-E3

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



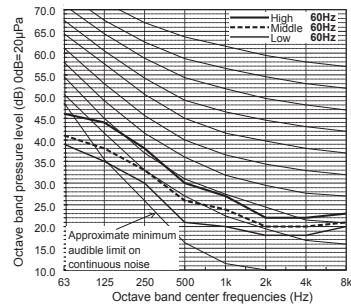
PEFY-P15NMAU-E3

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



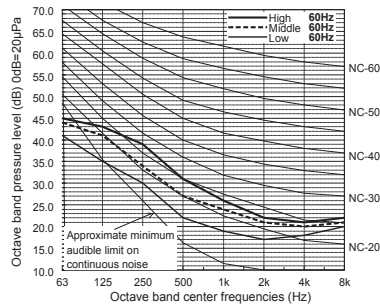
PEFY-P18NMAU-E3

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



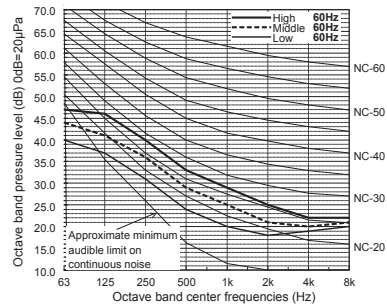
PEFY-P18NMAU-E3

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



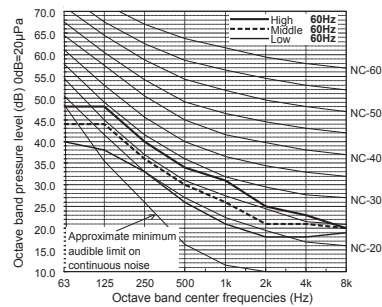
PEFY-P18NMAU-E3

External Static Pressure: 70Pa [0.28 in.WG]
Power Source: 208-230V(60Hz)



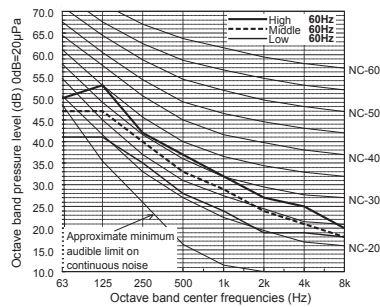
PEFY-P18NMAU-E3

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



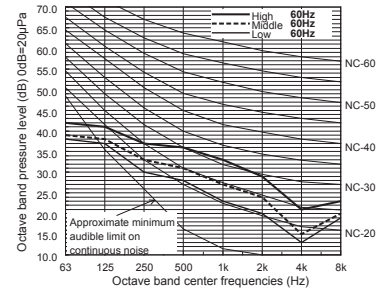
PEFY-P18NMAU-E3

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



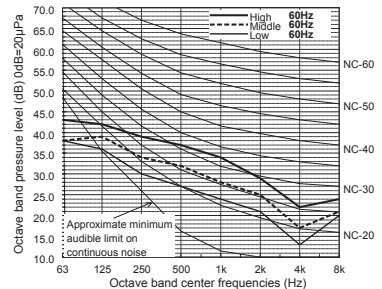
PEFY-P24,27,30NMAU-E3

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



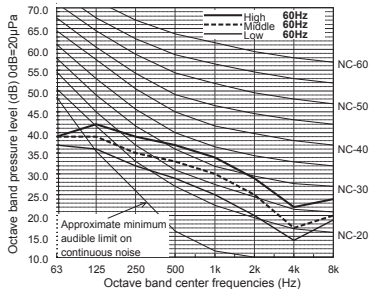
PEFY-P24,27,30NMAU-E3

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



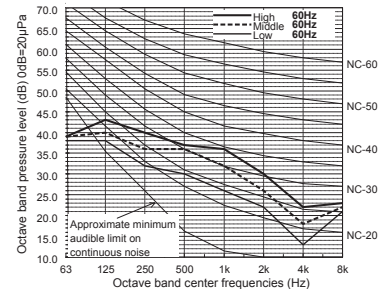
PEFY-P24,27,30NMAU-E3

External Static Pressure: 70Pa [0.28 in.WG]
Power Source: 208-230V(60Hz)



PEFY-P24,27,30NMAU-E3

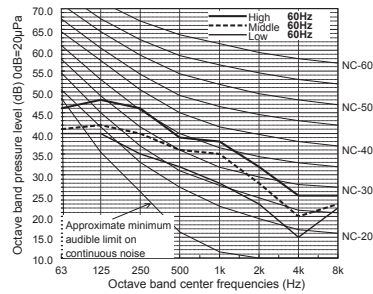
External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 208-230V(60Hz)



5. SOUND PRESSURE LEVELS

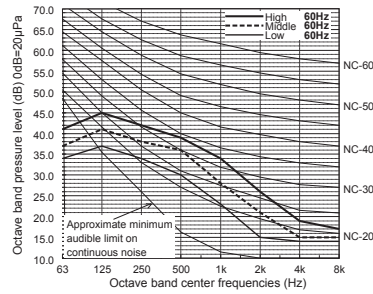
PEFY-P24,27,30NMAU-E3

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



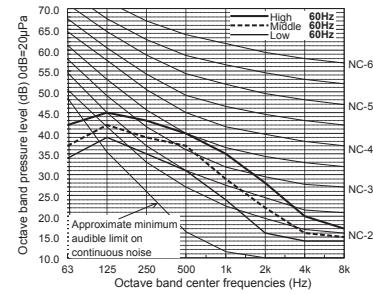
PEFY-P36NMAU-E3

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



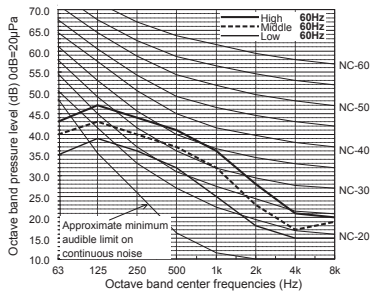
PEFY-P36NMAU-E3

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



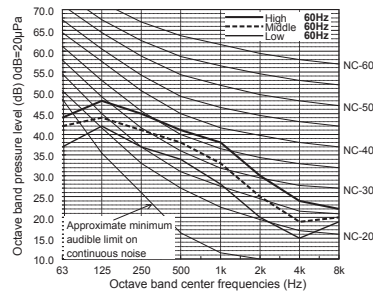
PEFY-P36NMAU-E3

External Static Pressure: 70Pa [0.28 in.WG]
Power Source: 208-230V(60Hz)



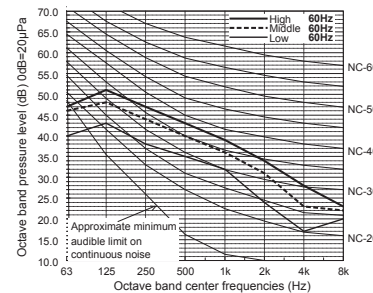
PEFY-P36NMAU-E3

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



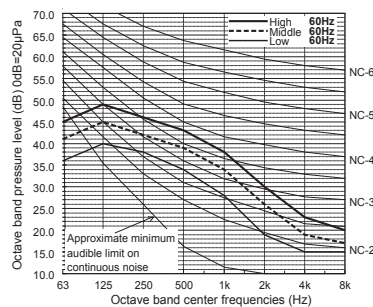
PEFY-P36NMAU-E3

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



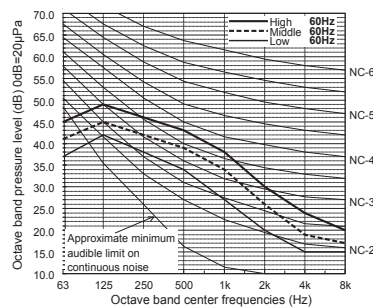
PEFY-P48NMAU-E3

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



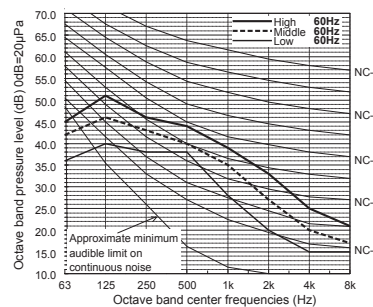
PEFY-P48NMAU-E3

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



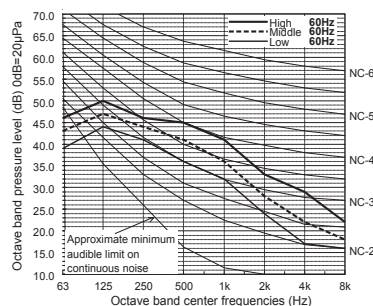
PEFY-P48NMAU-E3

External Static Pressure: 70Pa [0.28 in.WG]
Power Source: 208-230V(60Hz)



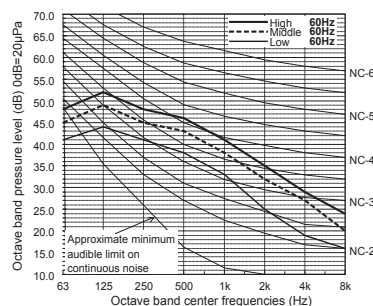
PEFY-P48NMAU-E3

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



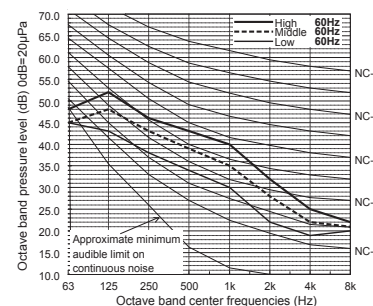
PEFY-P48NMAU-E3

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



PEFY-P54NMAU-E3

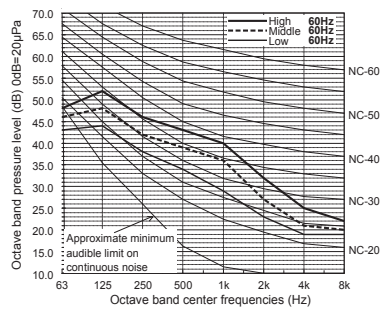
External Static Pressure: 35Pa [0.14 in.WG]
Power Source: 208-230V(60Hz)



5. SOUND PRESSURE LEVELS

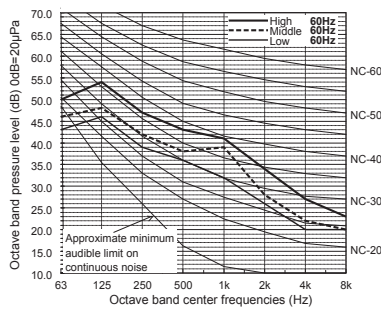
PEFY-P54NMAU-E3

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



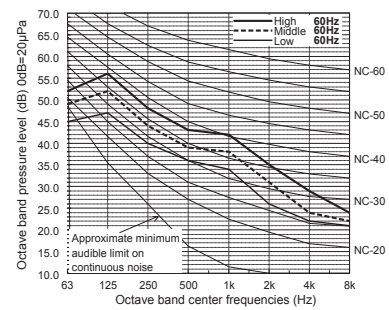
PEFY-P54NMAU-E3

External Static Pressure: 70Pa [0.28 in.WG]
Power Source: 208-230V(60Hz)



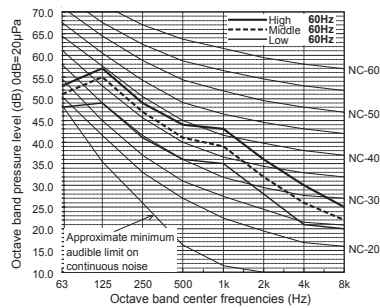
PEFY-P54NMAU-E3

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



PEFY-P54NMAU-E3

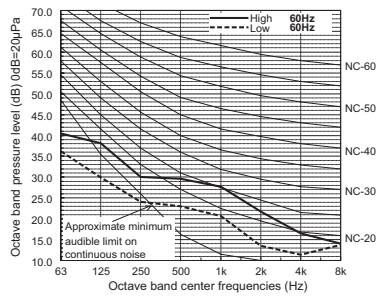
External Static Pressure: 150Pa [0.60 in.WG]
Power Source: 208-230V(60Hz)



5. SOUND PRESSURE LEVELS

PEFY-P15NMHU-E

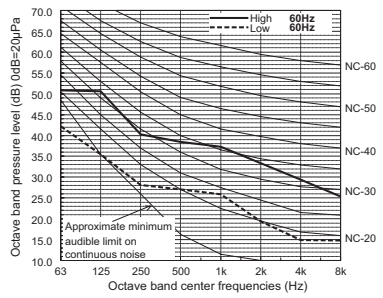
External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208V 60Hz



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

PEFY-P15NMHU-E

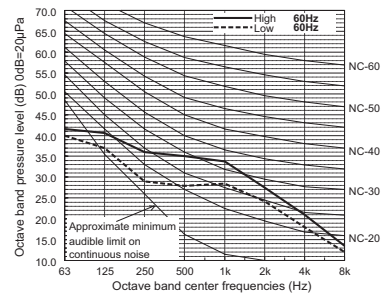
External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



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

PEFY-P15NMHU-E

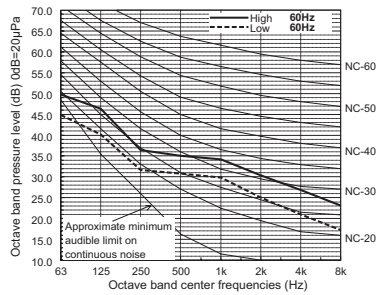
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



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

PEFY-P15NMHU-E

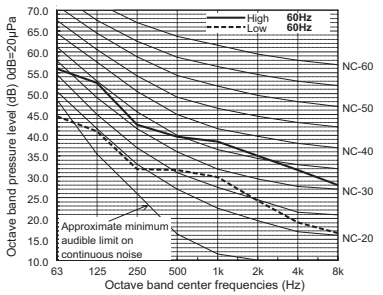
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



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

PEFY-P15NMHU-E

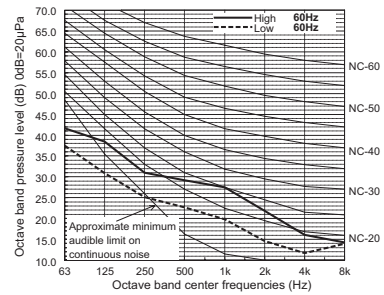
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



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

PEFY-P18NMHU-E

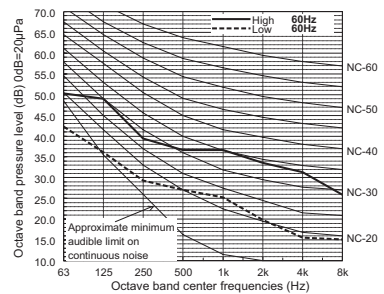
External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208V 60Hz



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

PEFY-P18NMHU-E

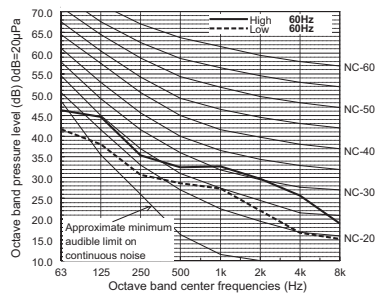
External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



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

PEFY-P18NMHU-E

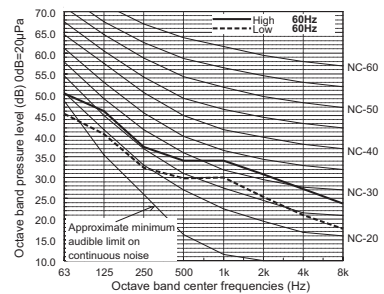
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



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

PEFY-P18NMHU-E

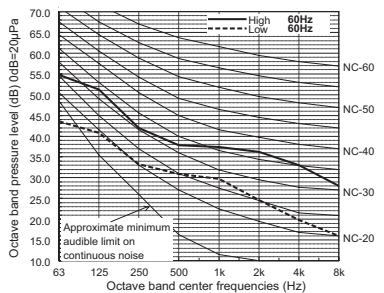
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



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

PEFY-P18NMHU-E

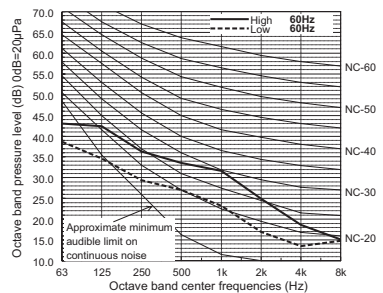
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



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

PEFY-P24NMHU-E

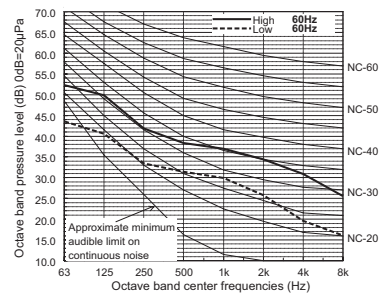
External Static Pressure: 50Pa,0.2[in.WG]
Power Source: 208V 60Hz



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

PEFY-P24NMHU-E

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

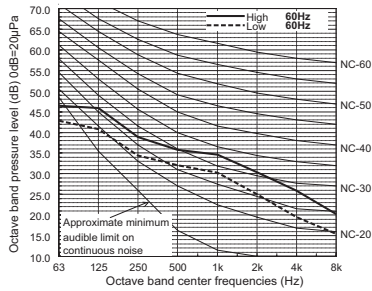


Ref.:NC_PEFY-P24NMHU-E_WYN B0-4425-1

5. SOUND PRESSURE LEVELS

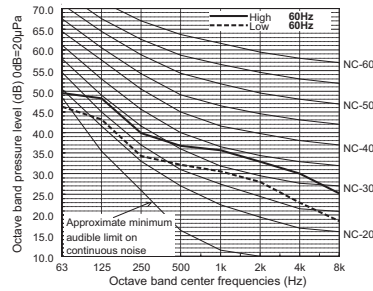
PEFY-P24NMHU-E

External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



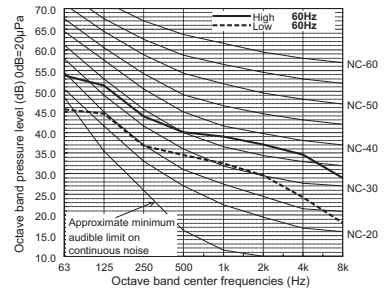
PEFY-P24NMHU-E

External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



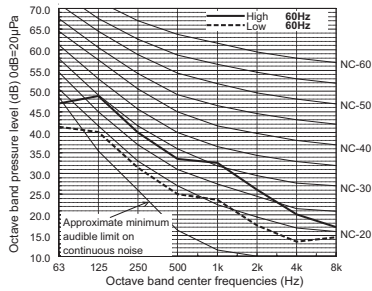
PEFY-P24NMHU-E

External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



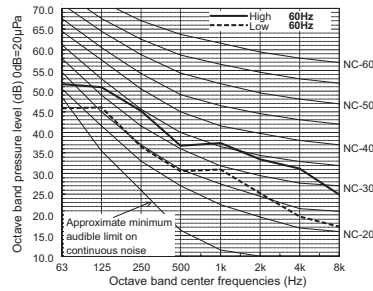
PEFY-P27NMHU-E

External Static Pressure: 50Pa,0.2[in.WG]
Power Source: 208V 60Hz



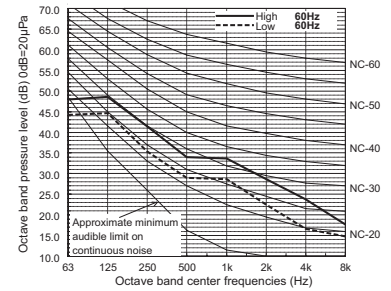
PEFY-P27NMHU-E

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



PEFY-P27NMHU-E

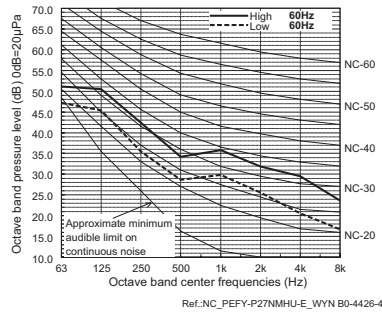
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



5. SOUND PRESSURE LEVELS

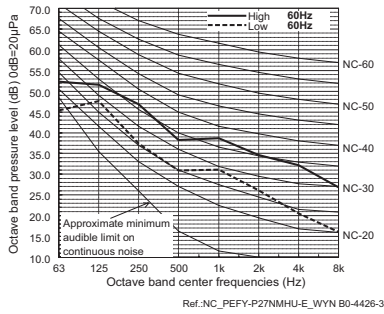
PEFY-P27NMHU-E

External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



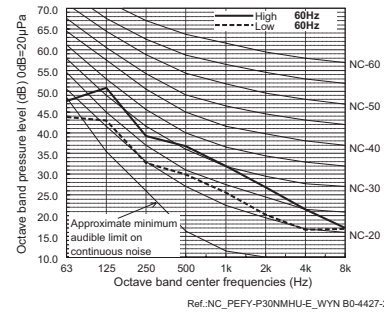
PEFY-P27NMHU-E

External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



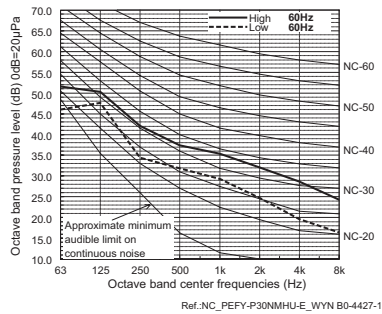
PEFY-P30NMHU-E

External Static Pressure: 50Pa,0.02[in.WG]
Power Source: 208V 60Hz



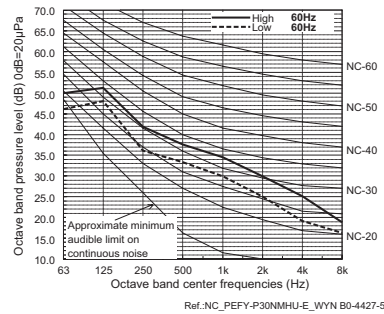
PEFY-P30NMHU-E

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



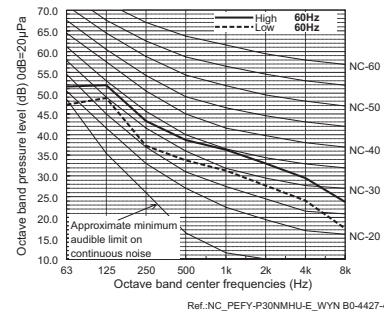
PEFY-P30NMHU-E

External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



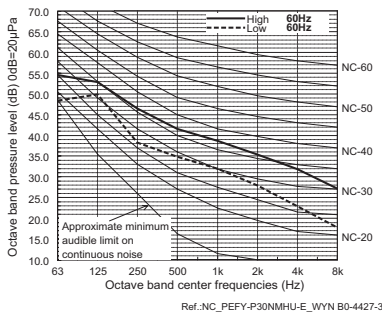
PEFY-P30NMHU-E

External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



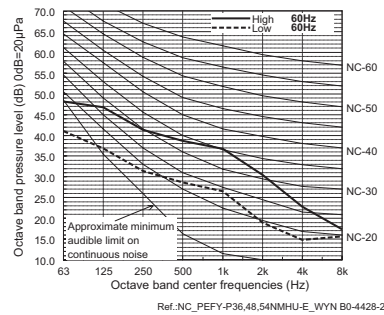
PEFY-P30NMHU-E

External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



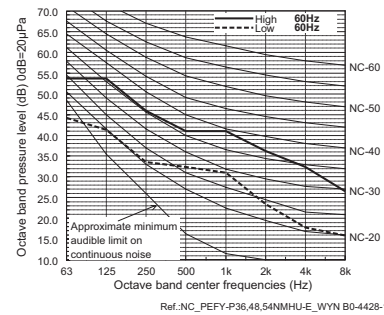
PEFY-P36,48,54NMHU-E

External Static Pressure: 50Pa,0.02[in.WG]
Power Source: 208V 60Hz



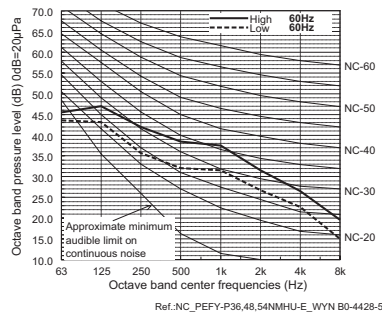
PEFY-P36,48,54NMHU-E

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



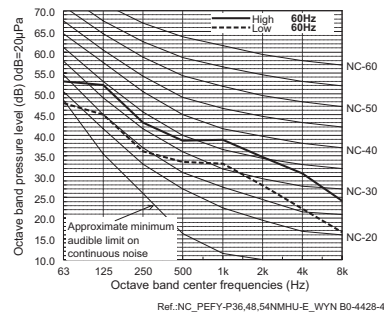
PEFY-P36,48,54NMHU-E

External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



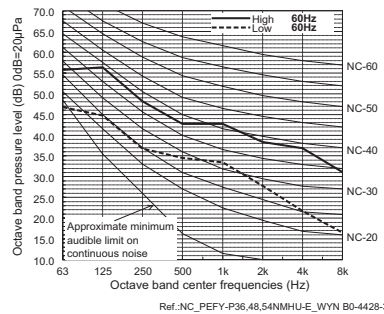
PEFY-P36,48,54NMHU-E

External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



PEFY-P36,48,54NMHU-E

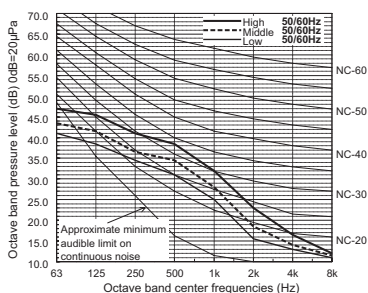
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



5. SOUND PRESSURE LEVELS

PEFY-P72NMHSU-E

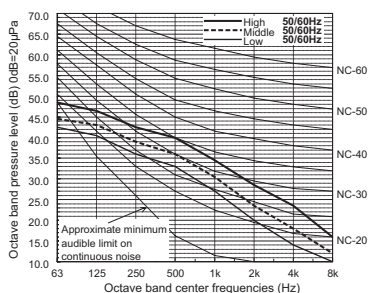
External Static Pressure: 50Pa,0.02[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-1

PEFY-P72NMHSU-E

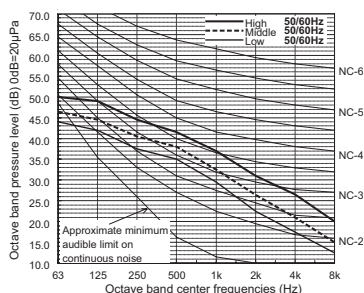
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-2

PEFY-P72NMHSU-E

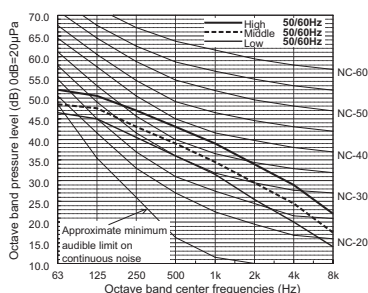
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-3

PEFY-P72NMHSU-E

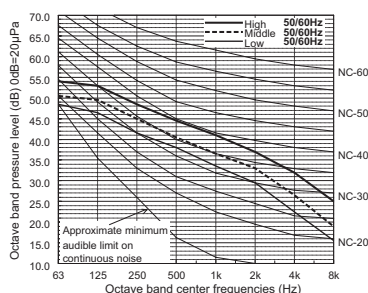
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-4

PEFY-P72NMHSU-E

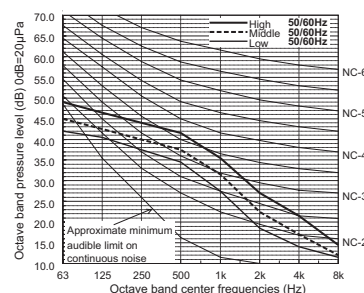
External Static Pressure: 250Pa,1[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-5

PEFY-P96NMHSU-E

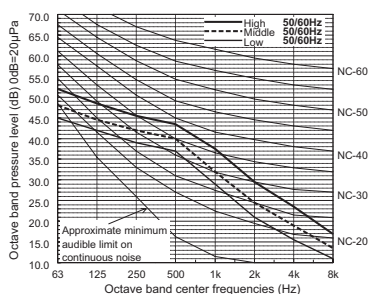
External Static Pressure: 50Pa,0.2[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-1

PEFY-P96NMHSU-E

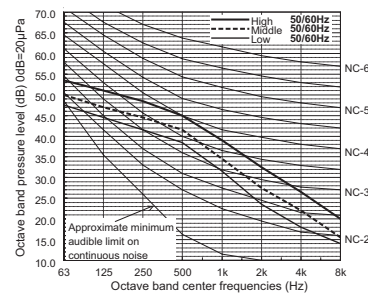
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-2

PEFY-P96NMHSU-E

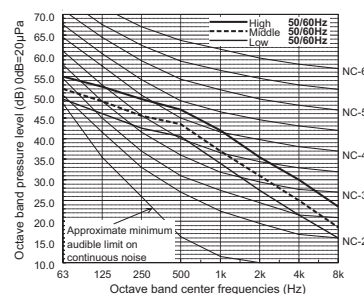
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-3

PEFY-P96NMHSU-E

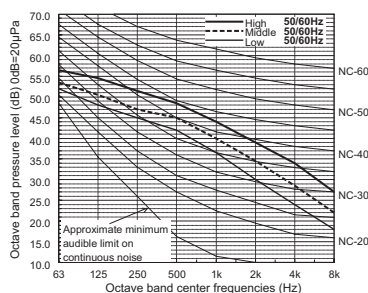
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-4

PEFY-P96NMHSU-E

External Static Pressure: 250Pa,0.8[in.WG]
Power Source: 208,230V(50/60Hz)



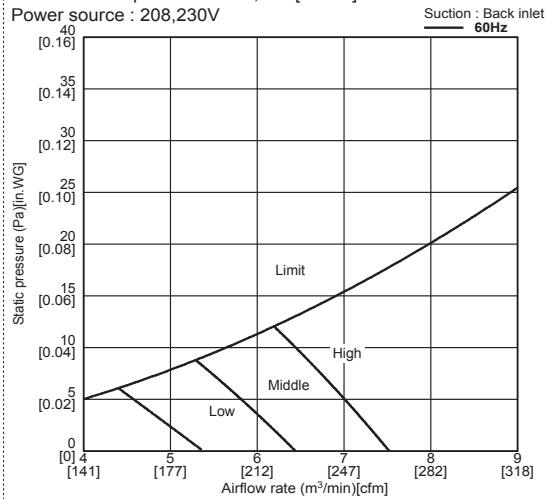
Ref.: WYNB0-8682-5

6. FAN CHARACTERISTIC CURVES

PEFY-P06NMSU-ER2

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

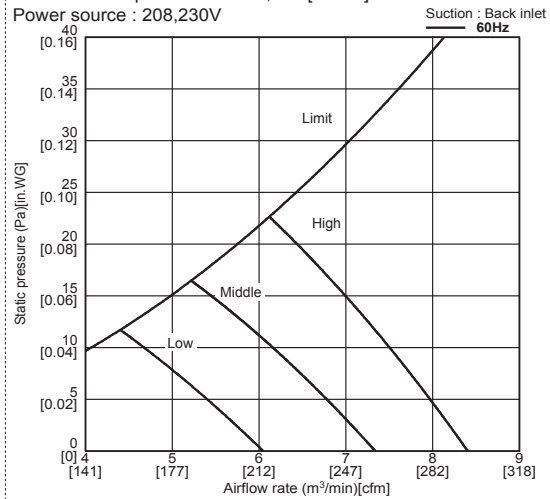
Power source : 208,230V



PEFY-P06NMSU-ER2

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

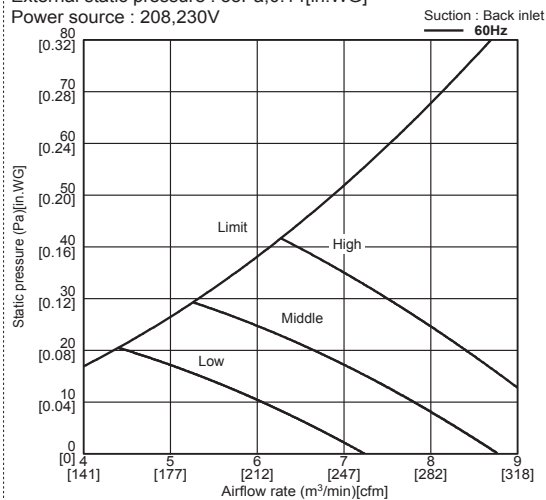
Power source : 208,230V



PEFY-P06NMSU-ER2

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

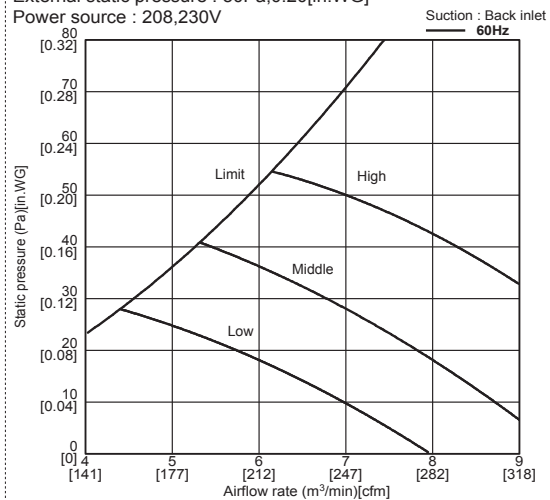
Power source : 208,230V



PEFY-P06NMSU-ER2

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

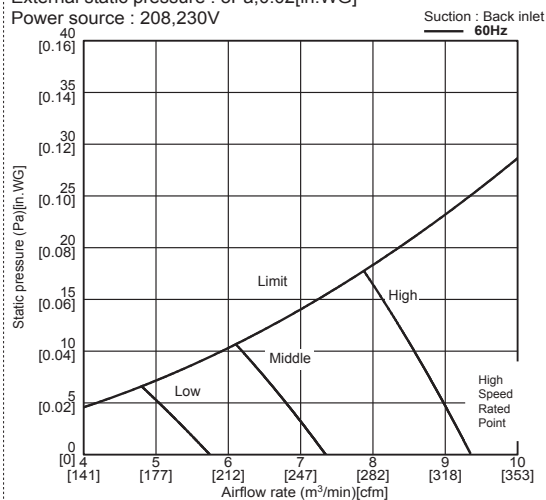
Power source : 208,230V



PEFY-P08NMSU-ER2

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

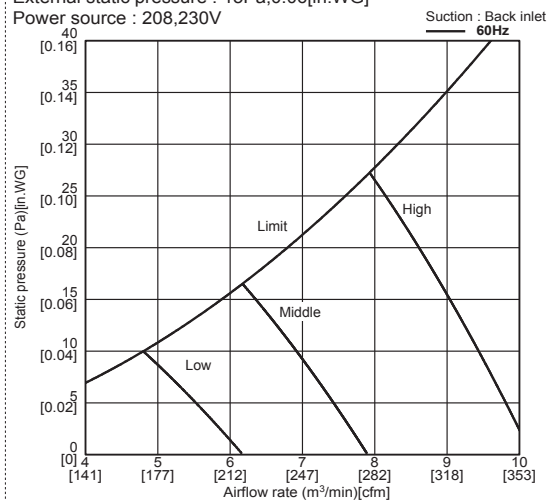
Power source : 208,230V



PEFY-P08NMSU-ER2

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

Power source : 208,230V

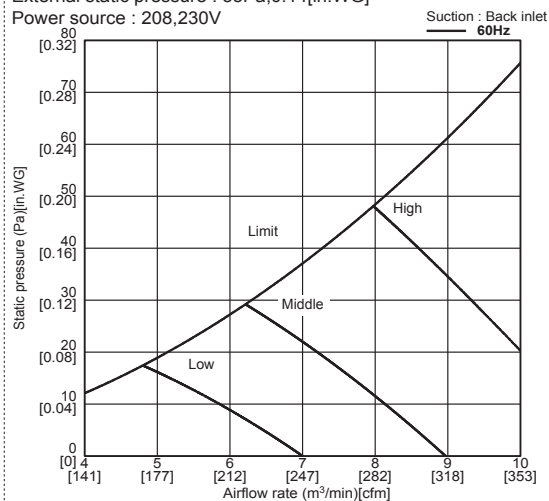


6. FAN CHARACTERISTIC CURVES

PEFY-P08NMSU-ER2

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

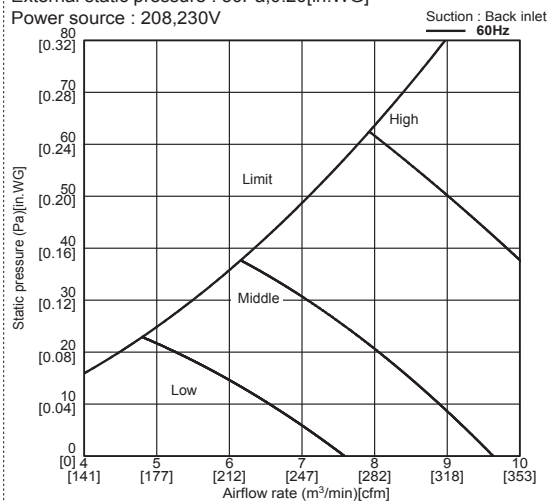
Power source : 208,230V



PEFY-P08NMSU-ER2

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

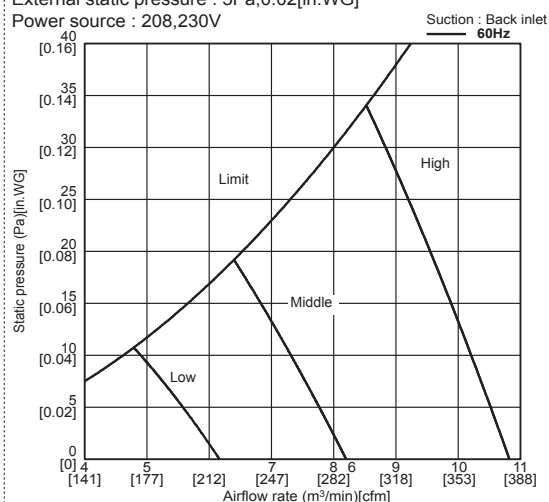
Power source : 208,230V



PEFY-P12NMSU-ER2

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

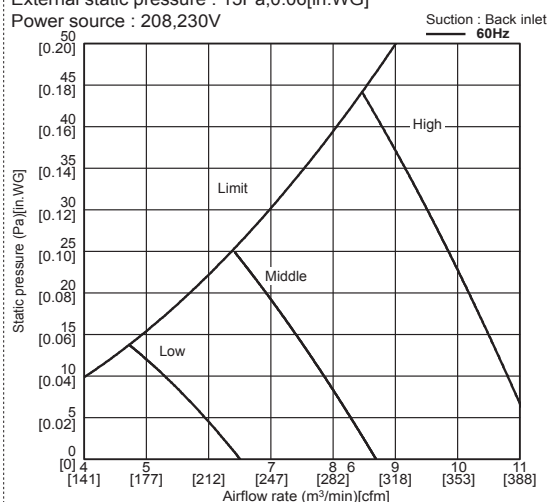
Power source : 208,230V



PEFY-P12NMSU-ER2

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

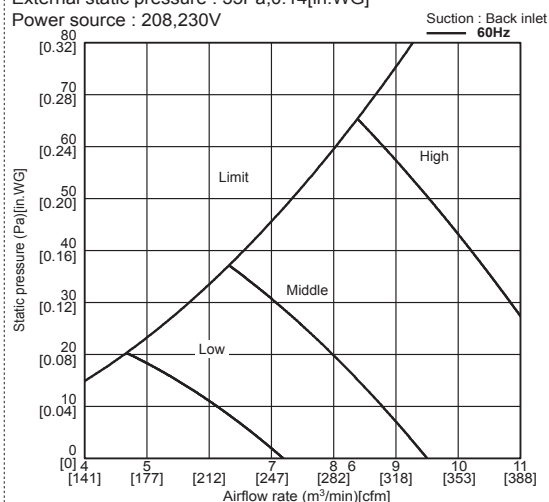
Power source : 208,230V



PEFY-P12NMSU-ER2

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

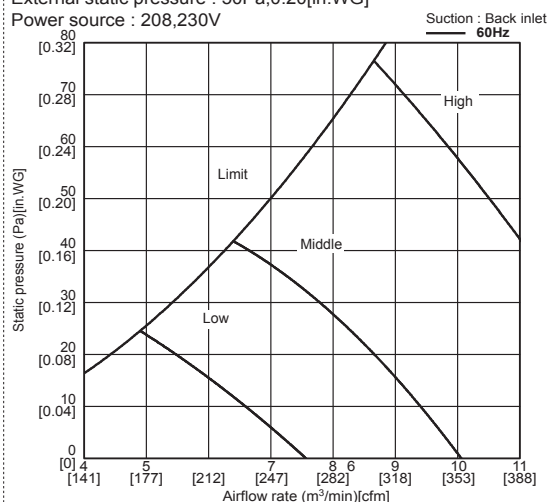
Power source : 208,230V



PEFY-P12NMSU-ER2

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

Power source : 208,230V

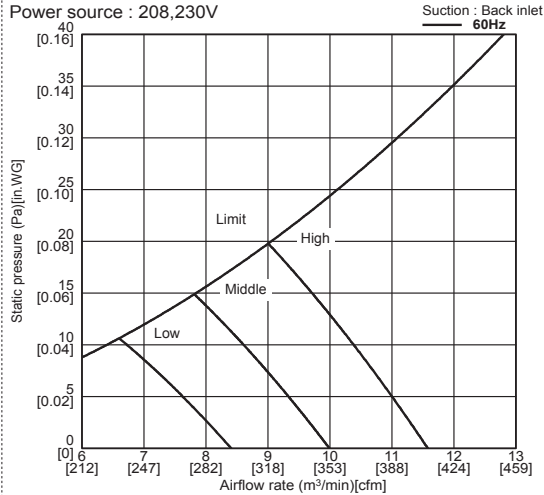


6. FAN CHARACTERISTIC CURVES

PEFY-P15NMSU-ER2

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

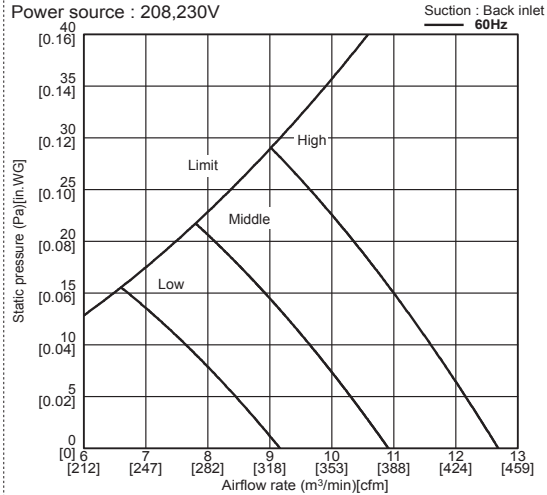
Power source : 208,230V



PEFY-P15NMSU-ER2

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

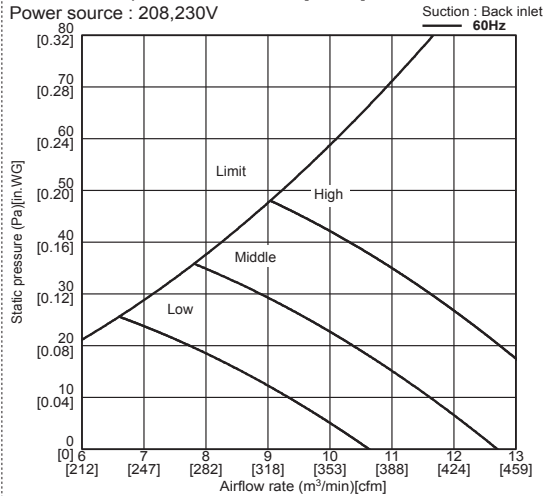
Power source : 208,230V



PEFY-P15NMSU-ER2

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

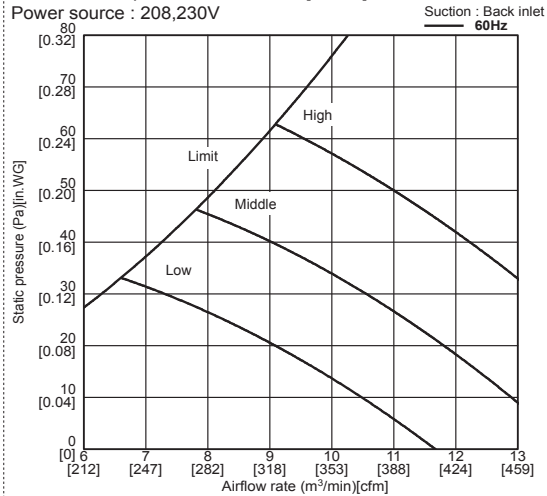
Power source : 208,230V



PEFY-P15NMSU-ER2

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

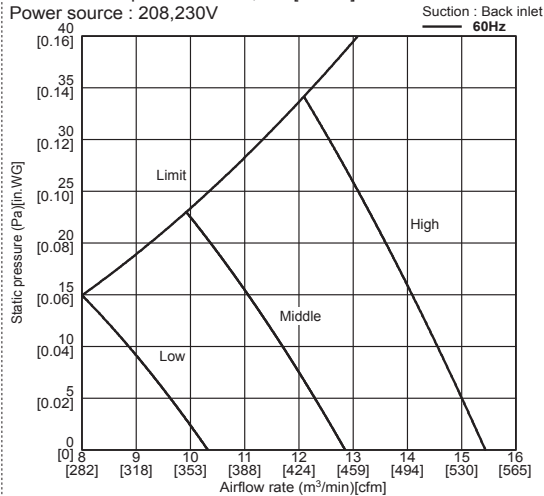
Power source : 208,230V



PEFY-P18NMSU-ER2

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

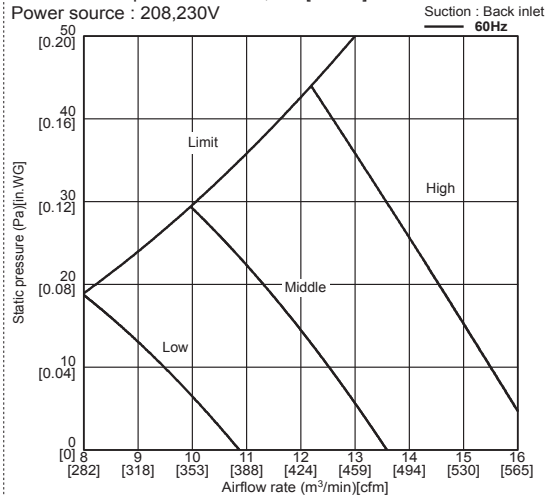
Power source : 208,230V



PEFY-P18NMSU-ER2

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

Power source : 208,230V

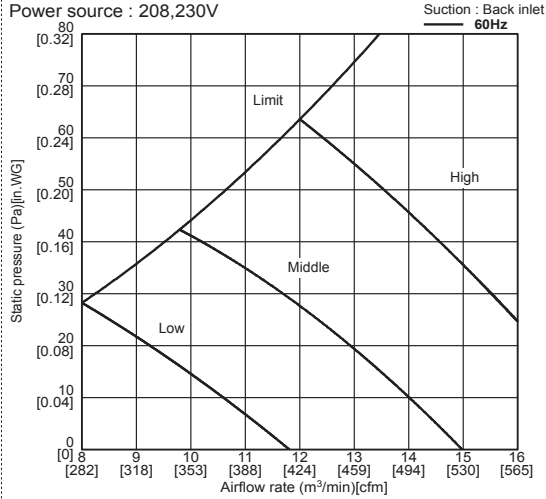


6. FAN CHARACTERISTIC CURVES

PEFY-P18NMSU-ER2

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

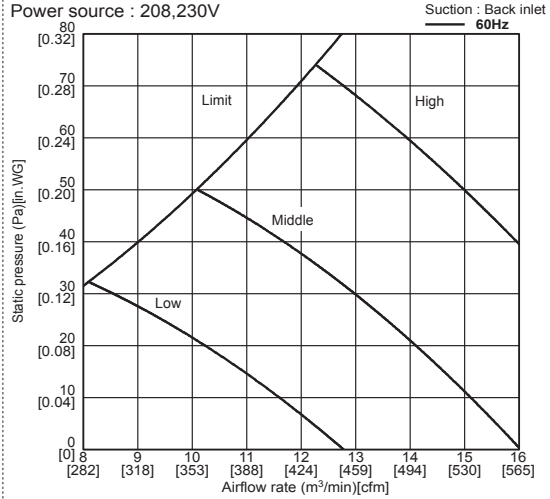
Power source : 208,230V



PEFY-P18NMSU-ER2

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

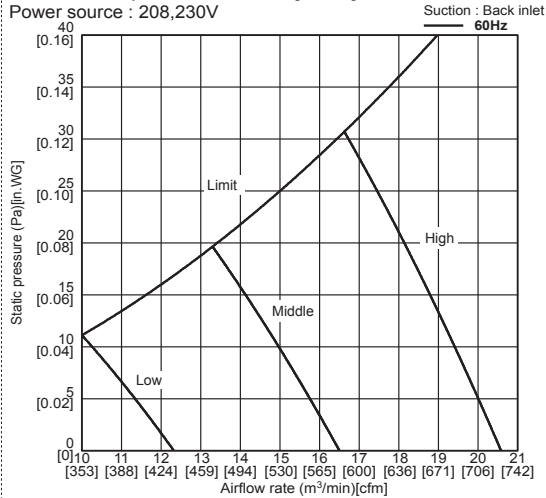
Power source : 208,230V



PEFY-P24NMSU-ER2

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

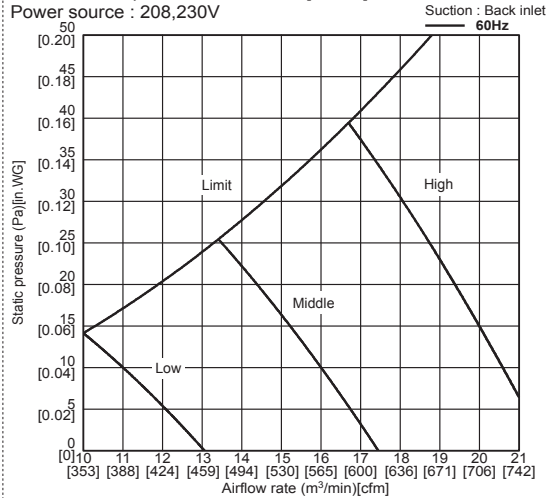
Power source : 208,230V



PEFY-P24NMSU-ER2

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

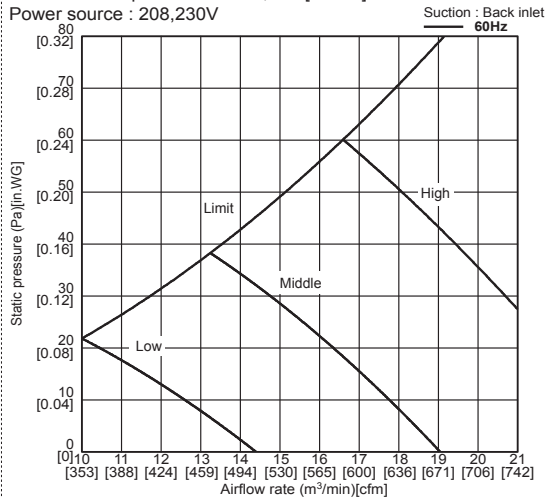
Power source : 208,230V



PEFY-P24NMSU-ER2

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

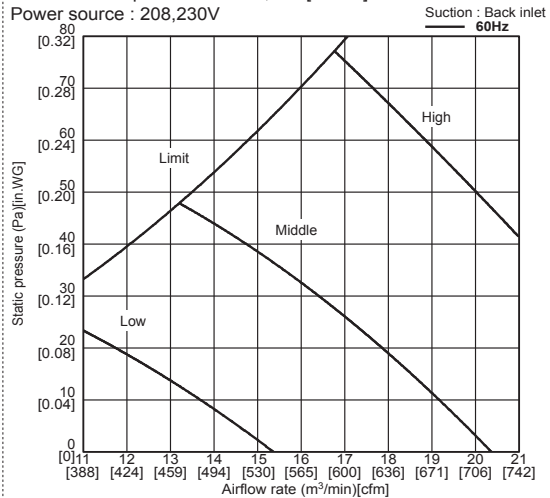
Power source : 208,230V



PEFY-P24NMSU-ER2

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

Power source : 208,230V



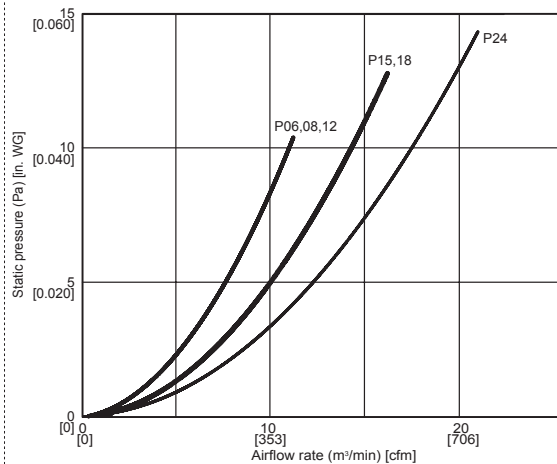
6. FAN CHARACTERISTIC CURVES

Air filter static pressure cuves

PEFY-P06,08,12,15,18,24NMSU-ER2

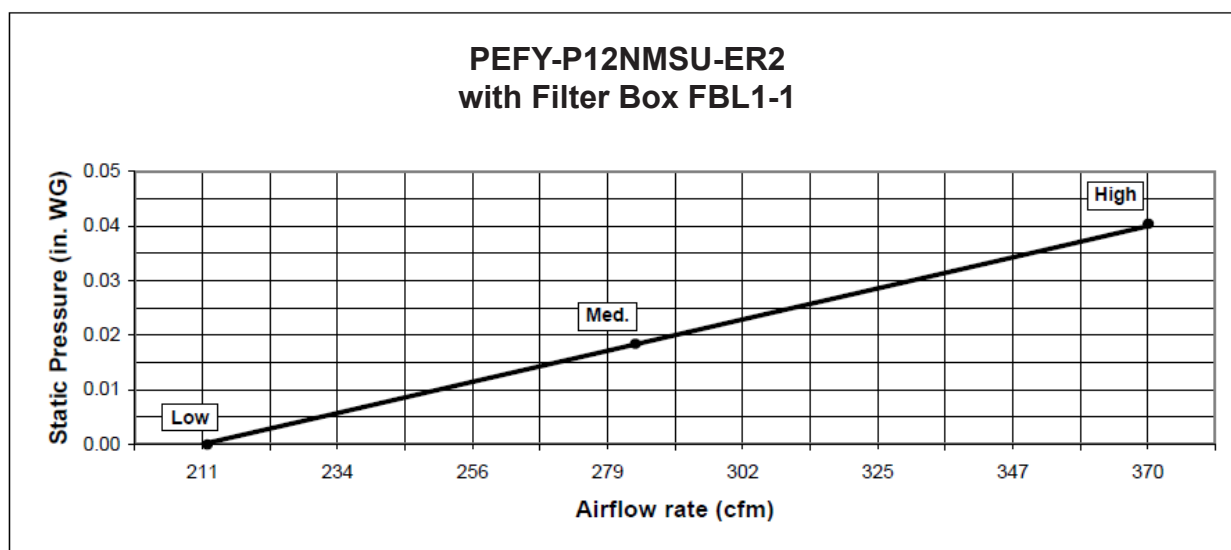
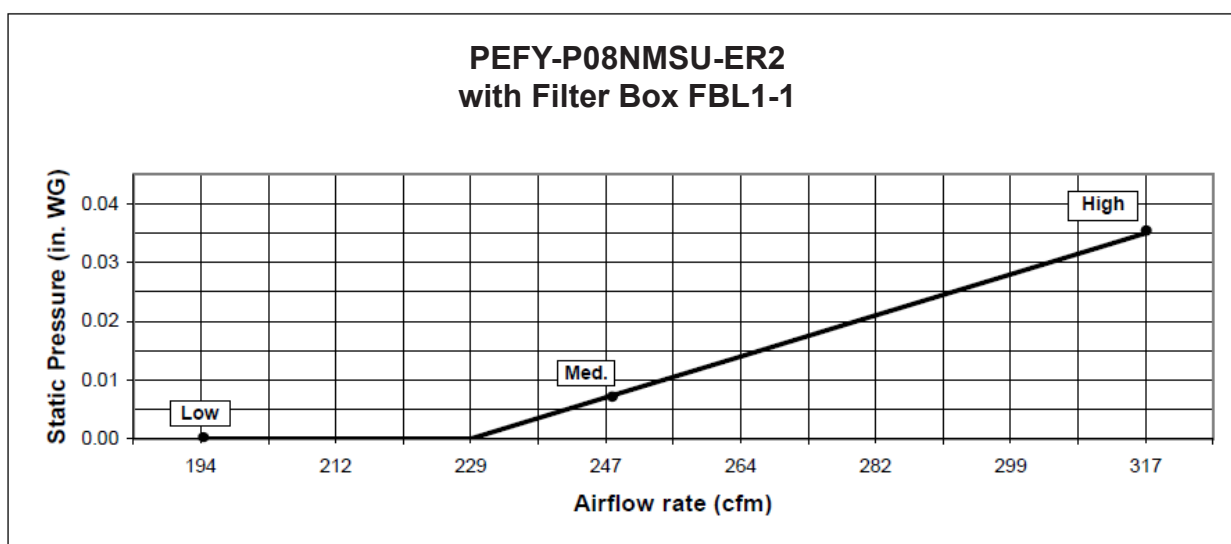
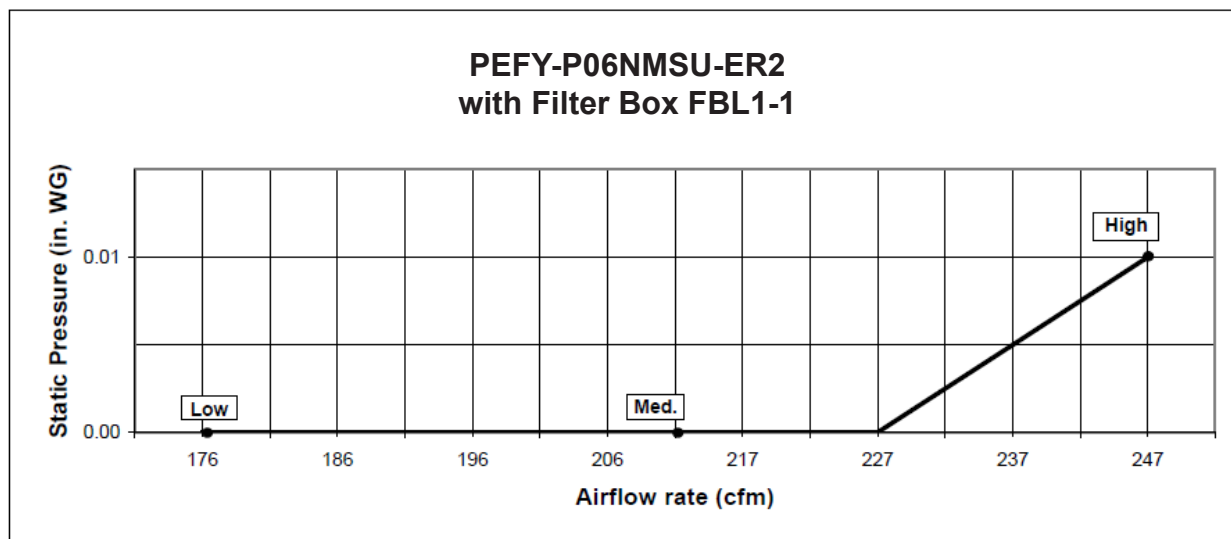
Air filter

Power source : 208-230V 60Hz



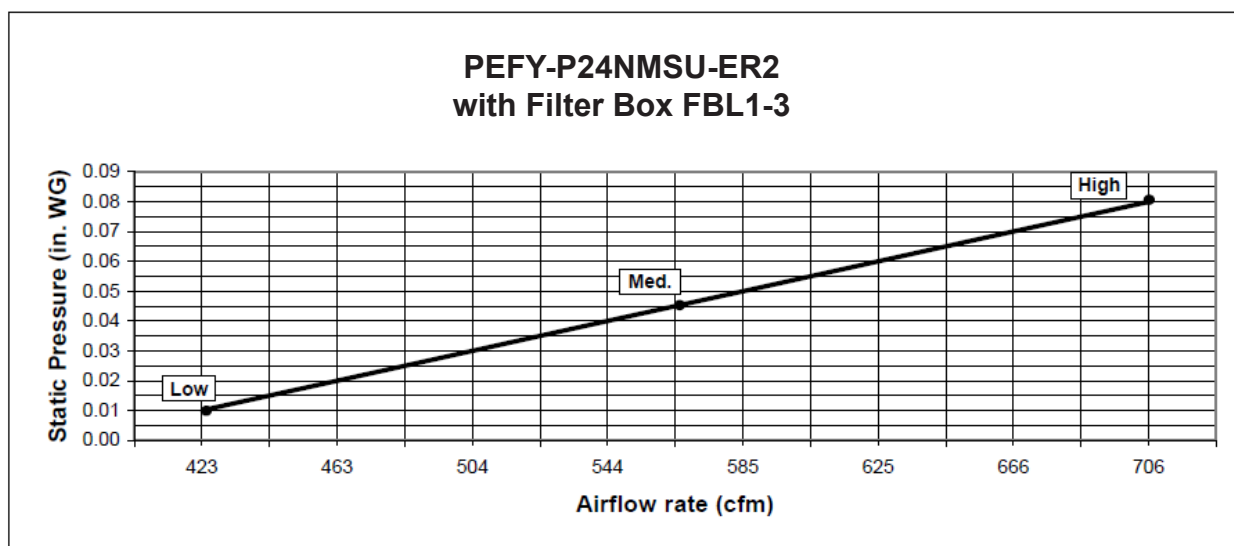
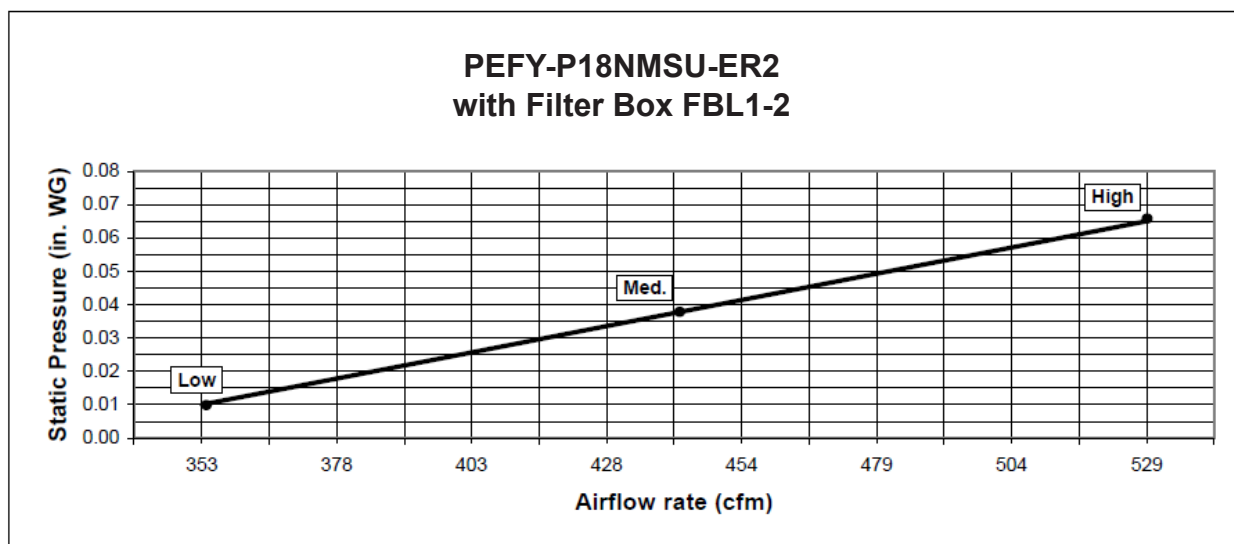
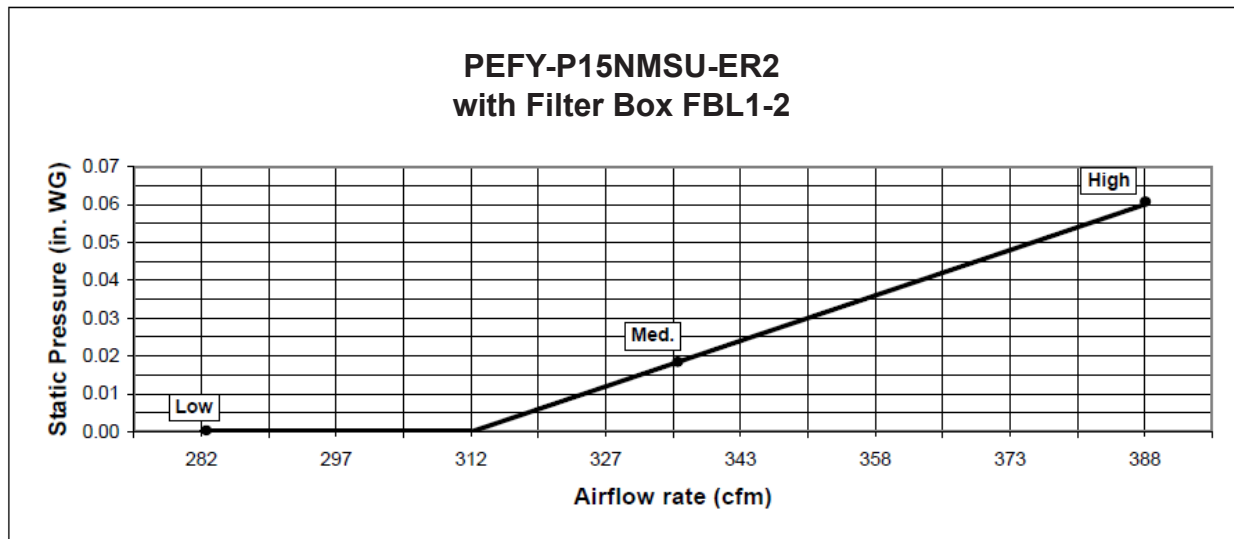
6. FAN CHARACTERISTIC CURVES

Initial Filter Pressure Drop Curves with Optional 1" MERV 8 Filter(s) Installed - PEFY-NMSU-ER2



6. FAN CHARACTERISTIC CURVES

Initial Filter Pressure Drop Curves with Optional 1" MERV 8 Filter(s) Installed - PEFY-NMSU-ER2

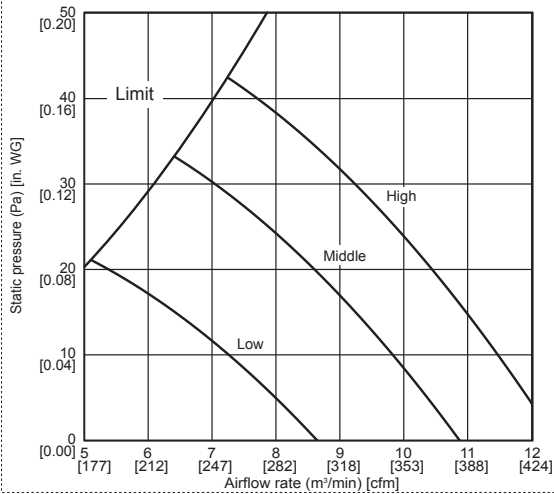


6. FAN CHARACTERISTIC CURVES

PEFY-P06,08NMAU-E3

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

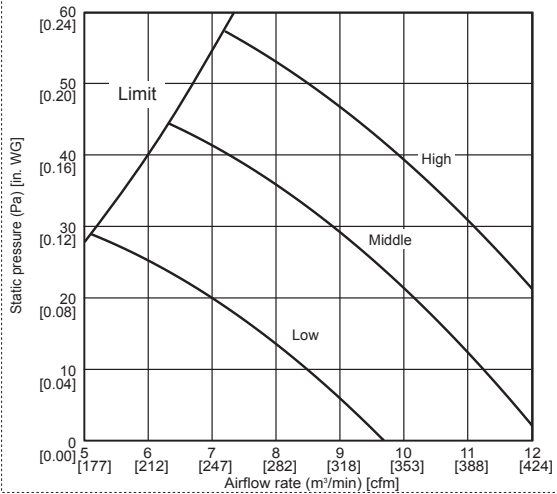
Power source : 208-230V



PEFY-P06,08NMAU-E3

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

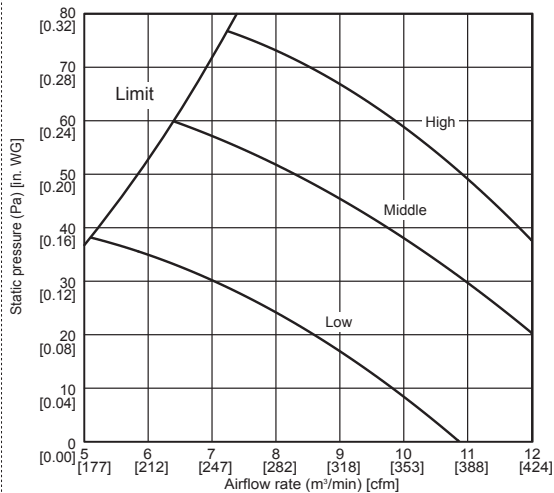
Power source : 208-230V



PEFY-P06,08NMAU-E3

External static pressure : 70Pa [0.28in.WG]

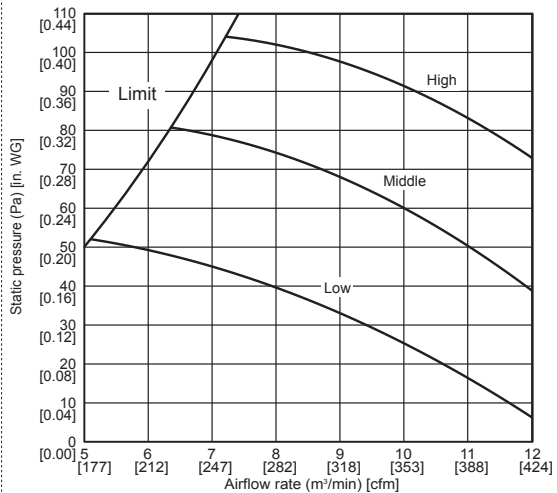
Power source : 208-230V



PEFY-P06,08NMAU-E3

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

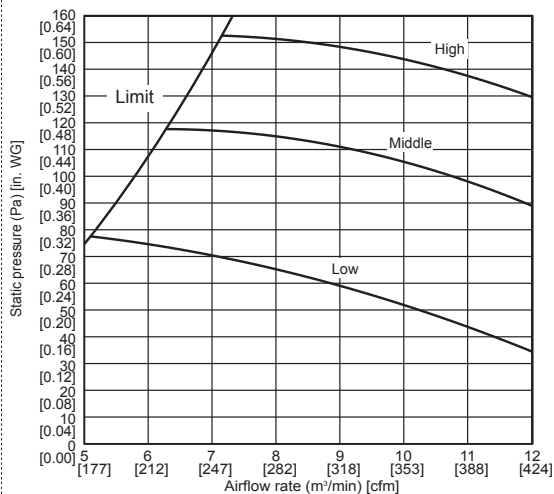
Power source : 208-230V



PEFY-P06,08NMAU-E3

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

Power source : 208-230V

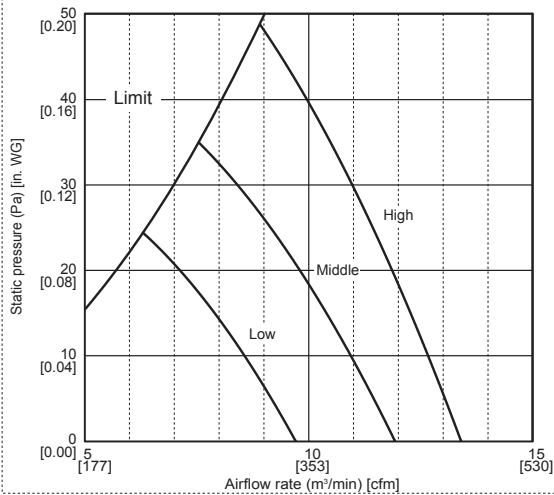


6. FAN CHARACTERISTIC CURVES

PEFY-P12NMAU-E3

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

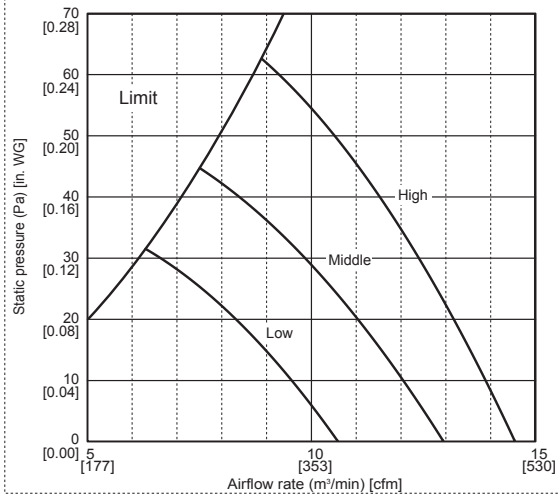
Power source : 208-230V



PEFY-P12NMAU-E3

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

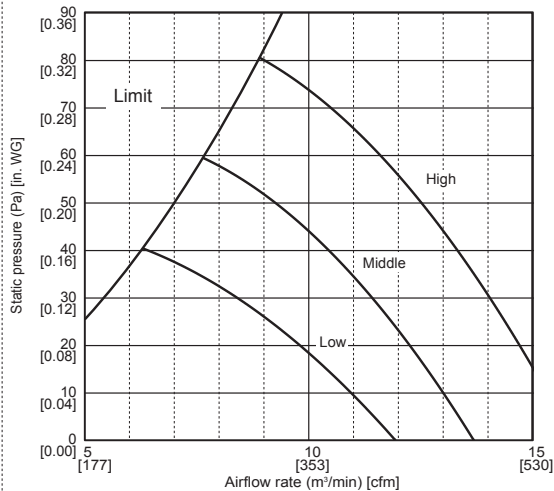
Power source : 208-230V



PEFY-P12NMAU-E3

External static pressure : 70Pa [0.28in.WG]

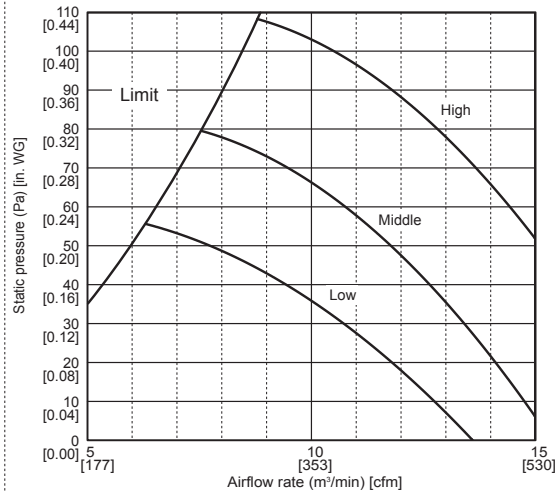
Power source : 208-230V



PEFY-P12NMAU-E3

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

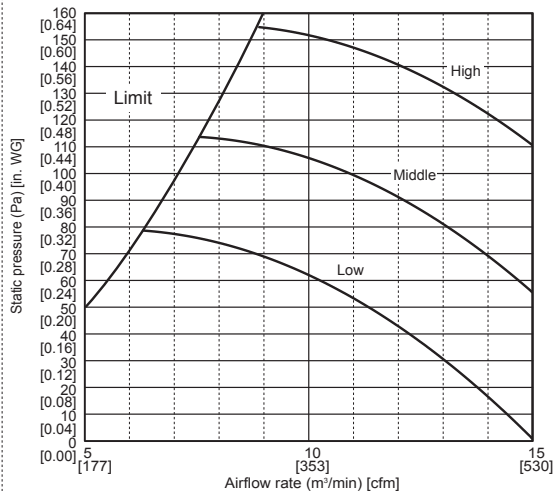
Power source : 208-230V



PEFY-P12NMAU-E3

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

Power source : 208-230V

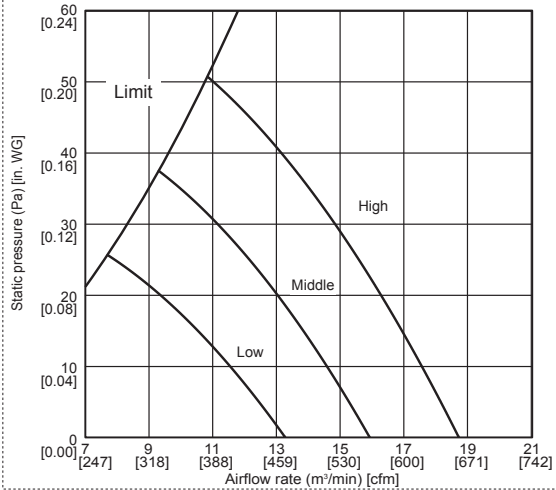


6. FAN CHARACTERISTIC CURVES

PEFY-P15NMAU-E3

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

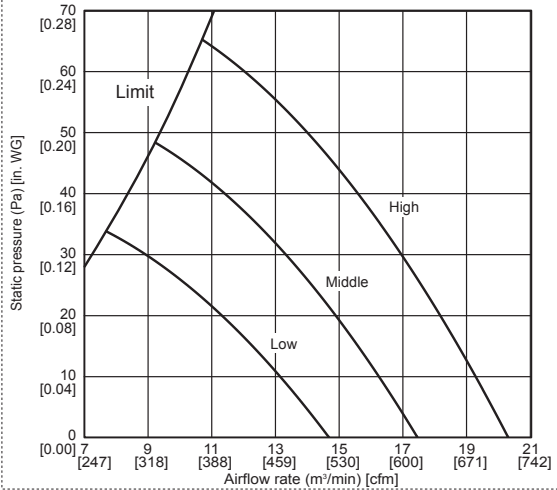
Power source : 208-230V



PEFY-P15NMAU-E3

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

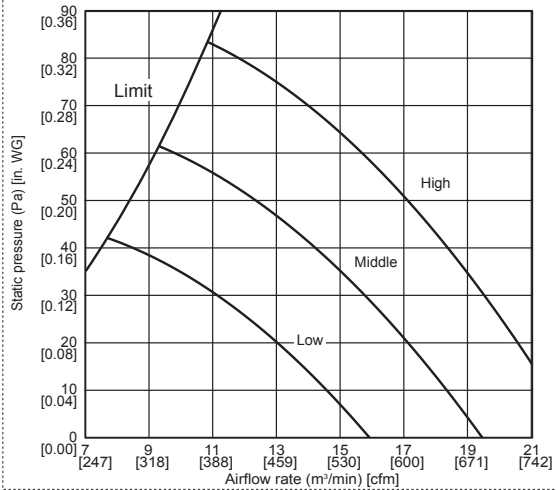
Power source : 208-230V



PEFY-P15NMAU-E3

External static pressure : 70Pa [0.28in.WG]

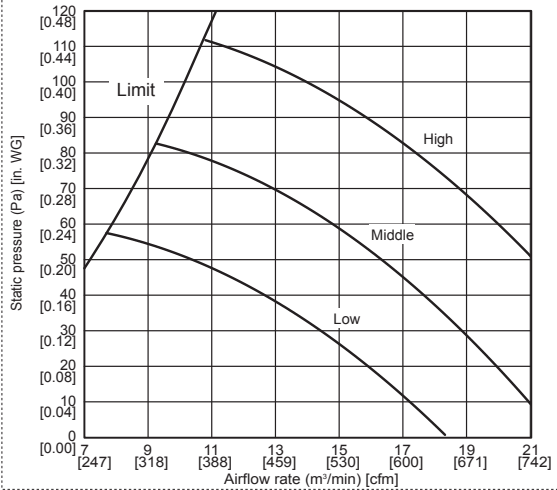
Power source : 208-230V



PEFY-P15NMAU-E3

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

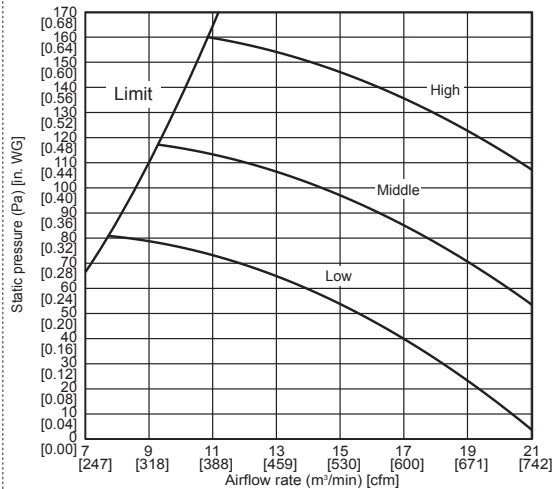
Power source : 208-230V



PEFY-P15NMAU-E3

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

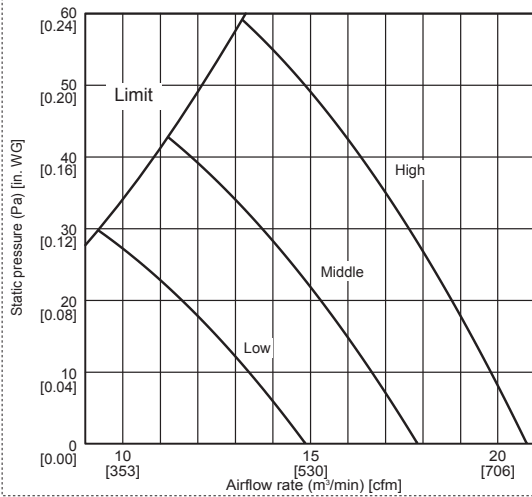
Power source : 208-230V



6. FAN CHARACTERISTIC CURVES

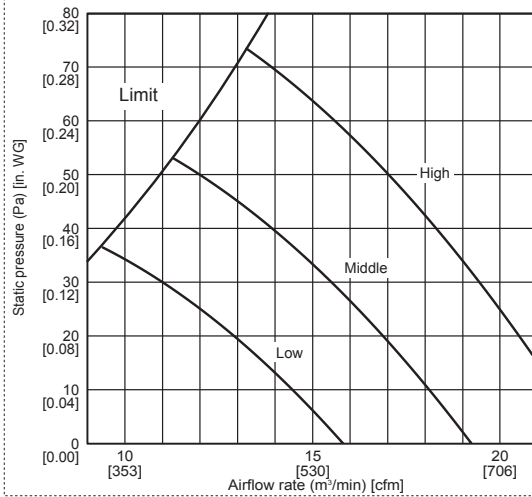
PEFY-P18NMAU-E3

External static pressure : 35Pa [0.14in.WG]
Power source : 208-230V



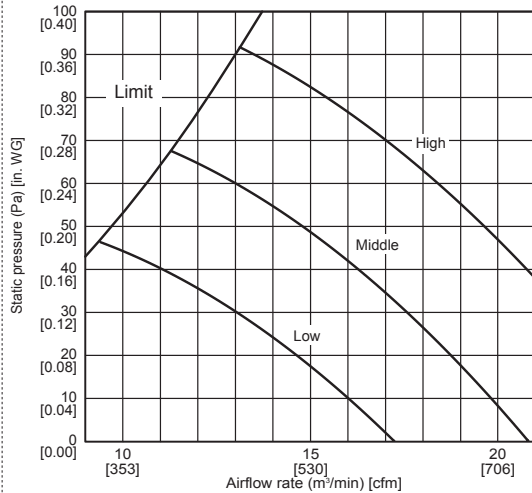
PEFY-P18NMAU-E3

External static pressure : 50Pa [0.20in.WG]
Power source : 208-230V



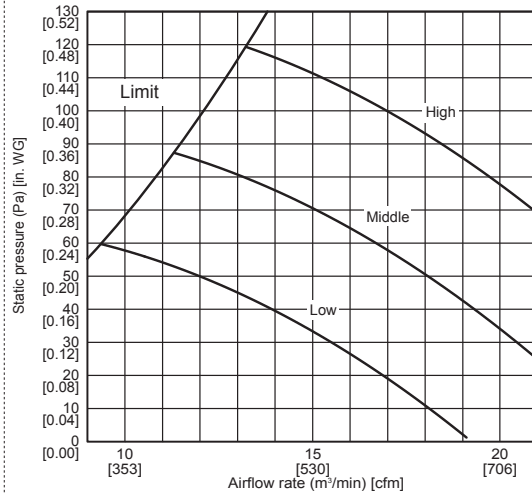
PEFY-P18NMAU-E3

External static pressure : 70Pa [0.28in.WG]
Power source : 208-230V



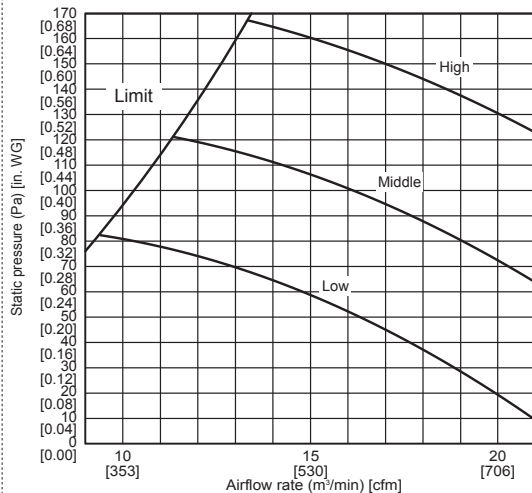
PEFY-P18NMAU-E3

External static pressure : 100Pa [0.40in.WG]
Power source : 208-230V



PEFY-P18NMAU-E3

External static pressure : 150Pa [0.60in.WG]
Power source : 208-230V

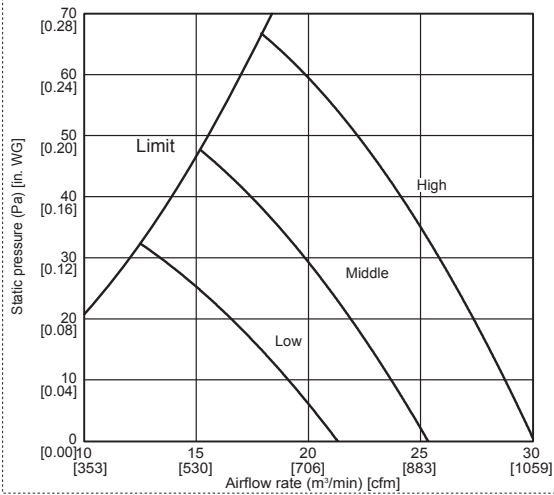


6. FAN CHARACTERISTIC CURVES

PEFY-P24,27,30NMAU-E3

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

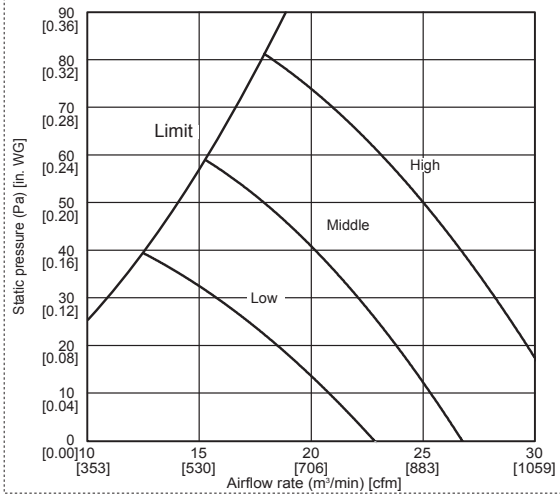
Power source : 208-230V



PEFY-P24,27,30NMAU-E3

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

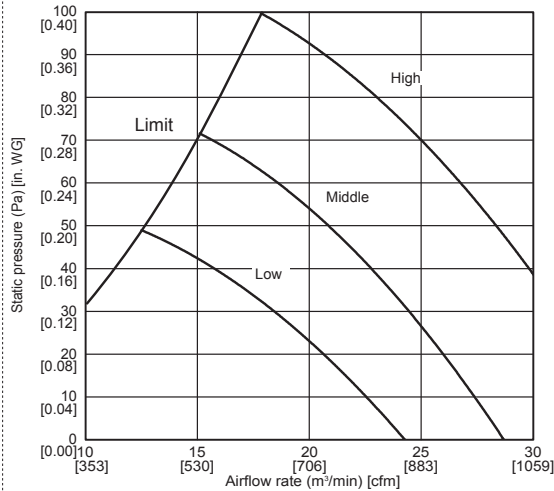
Power source : 208-230V



PEFY-P24,27,30NMAU-E3

External static pressure : 70Pa [0.28in.WG]

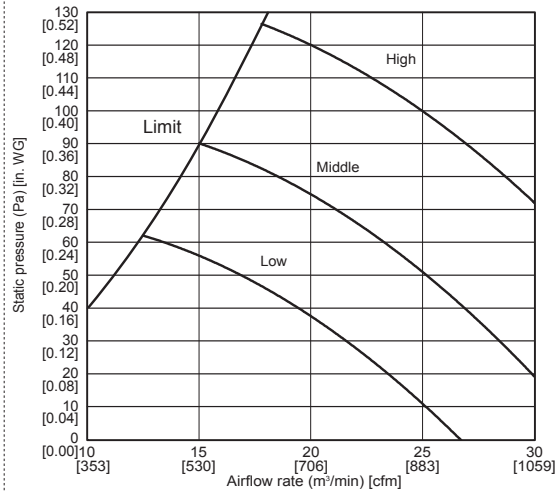
Power source : 208-230V



PEFY-P24,27,30NMAU-E3

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

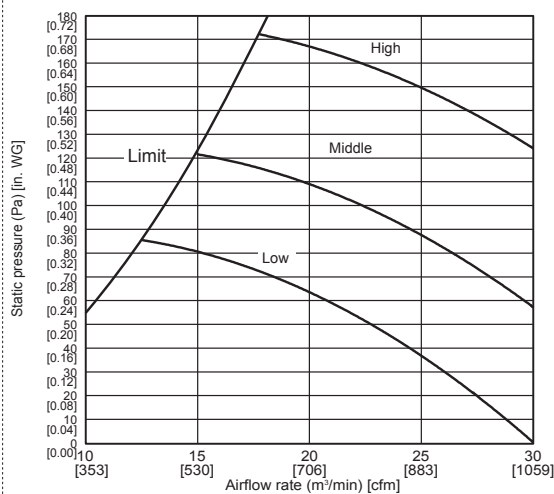
Power source : 208-230V



PEFY-P24,27,30NMAU-E3

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

Power source : 208-230V

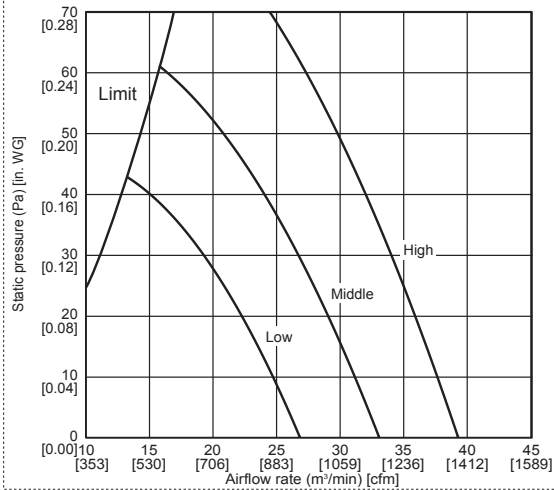


6. FAN CHARACTERISTIC CURVES

PEFY-P36NMAU-E3

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

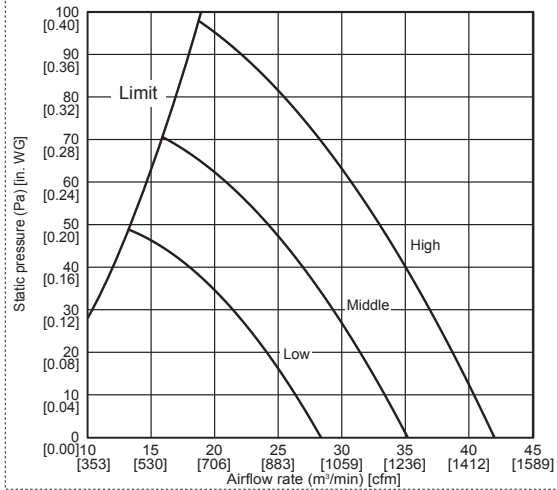
Power source : 208-230V



PEFY-P36NMAU-E3

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

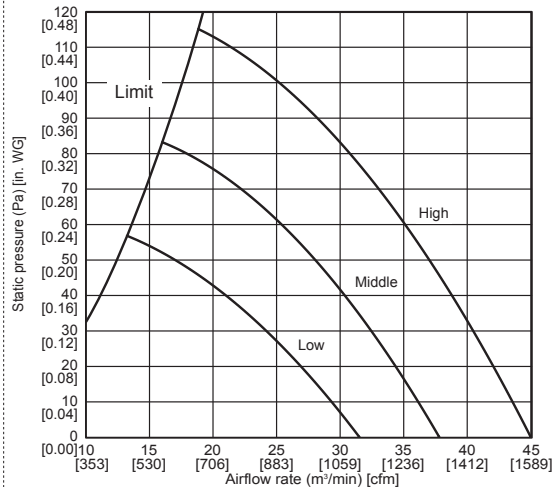
Power source : 208-230V



PEFY-P36NMAU-E3

External static pressure : 70Pa [0.28in.WG]

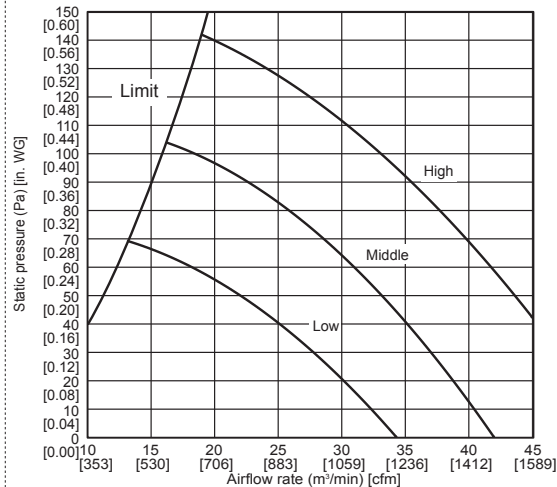
Power source : 208-230V



PEFY-P36NMAU-E3

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

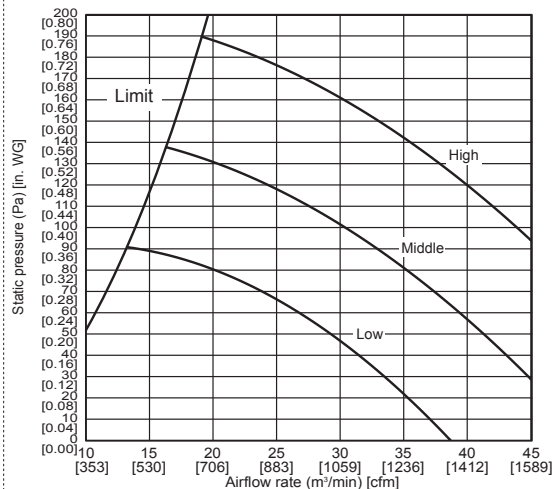
Power source : 208-230V



PEFY-P36NMAU-E3

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

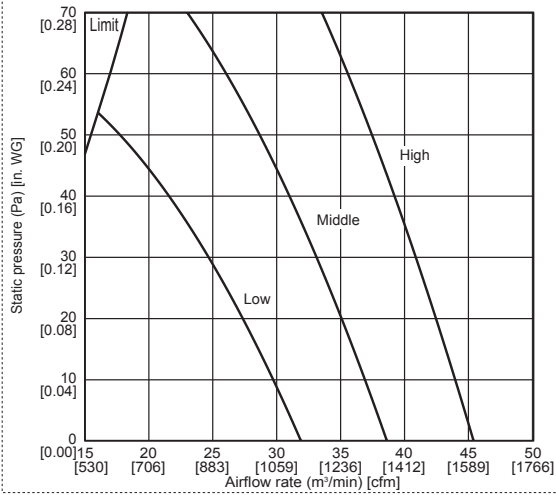
Power source : 208-230V



6. FAN CHARACTERISTIC CURVES

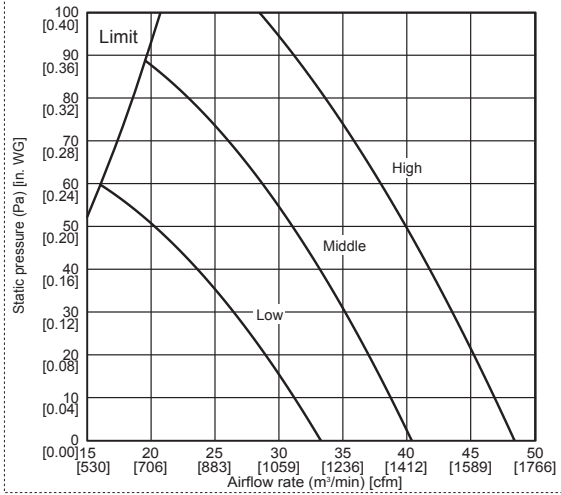
PEFY-P48NMAU-E3

External static pressure : 35Pa [0.14in.WG]
Power source : 208-230V



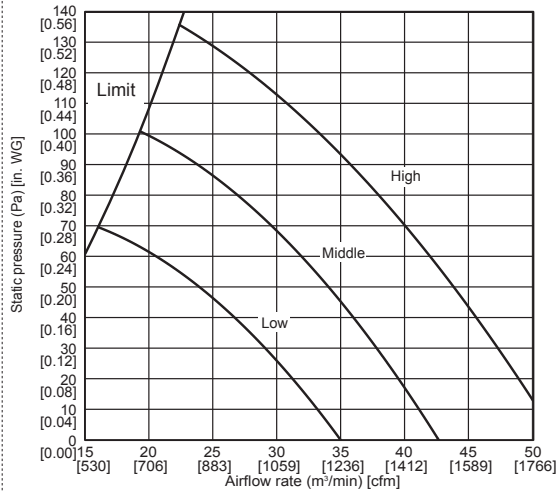
PEFY-P48NMAU-E3

External static pressure : 50Pa [0.20in.WG]
Power source : 208-230V



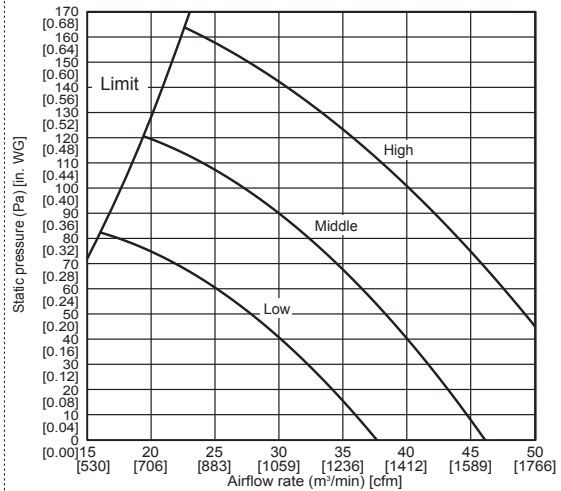
PEFY-P48NMAU-E3

External static pressure : 70Pa [0.28in.WG]
Power source : 208-230V



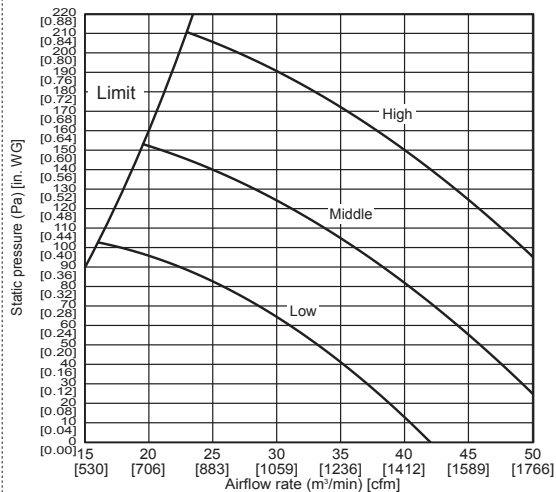
PEFY-P48NMAU-E3

External static pressure : 100Pa [0.40in.WG]
Power source : 208-230V



PEFY-P48NMAU-E3

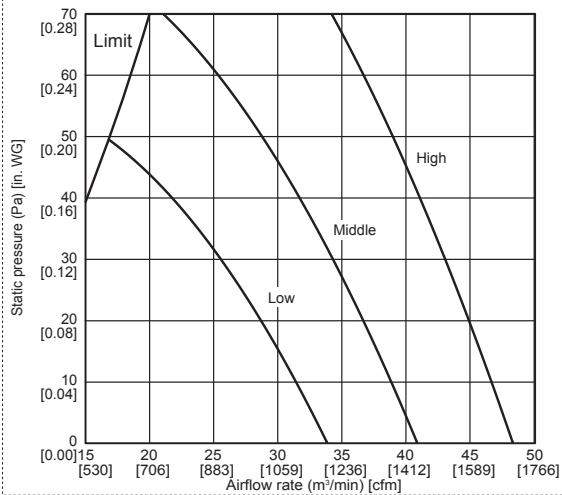
External static pressure : 150Pa [0.60in.WG]
Power source : 208-230V



6. FAN CHARACTERISTIC CURVES

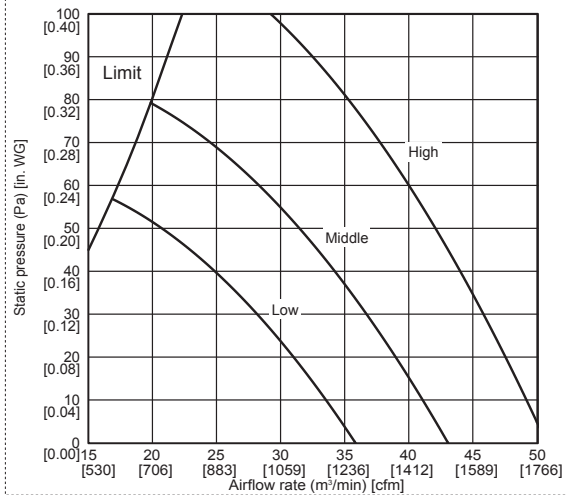
PEFY-P54NMAU-E3

External static pressure : 35Pa [0.14in.WG]
Power source : 208-230V



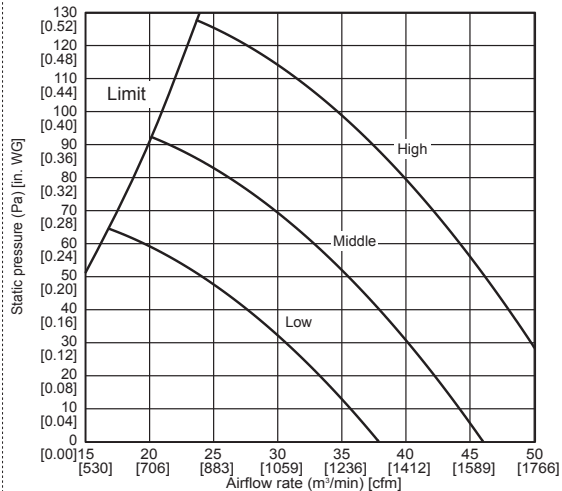
PEFY-P54NMAU-E3

External static pressure : 50Pa [0.20in.WG]
Power source : 208-230V



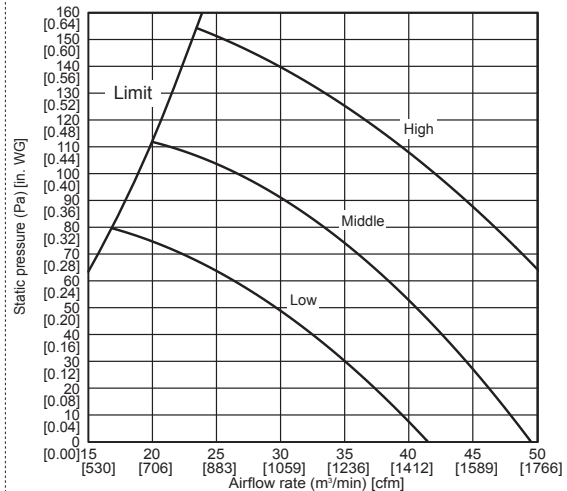
PEFY-P54NMAU-E3

External static pressure : 70Pa [0.28in.WG]
Power source : 208-230V



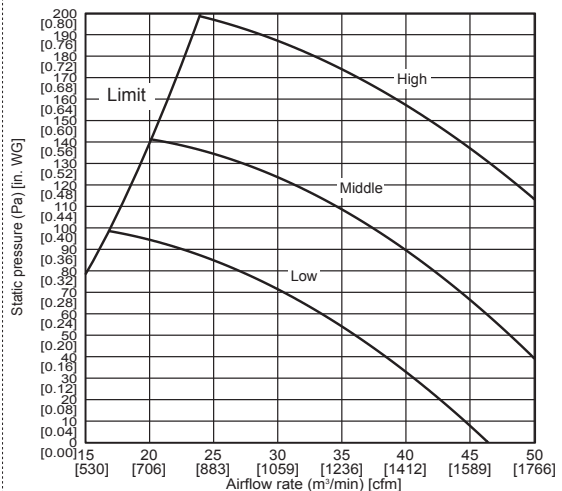
PEFY-P54NMAU-E3

External static pressure : 100Pa [0.40in.WG]
Power source : 208-230V



PEFY-P54NMAU-E3

External static pressure : 150Pa [0.60in.WG]
Power source : 208-230V

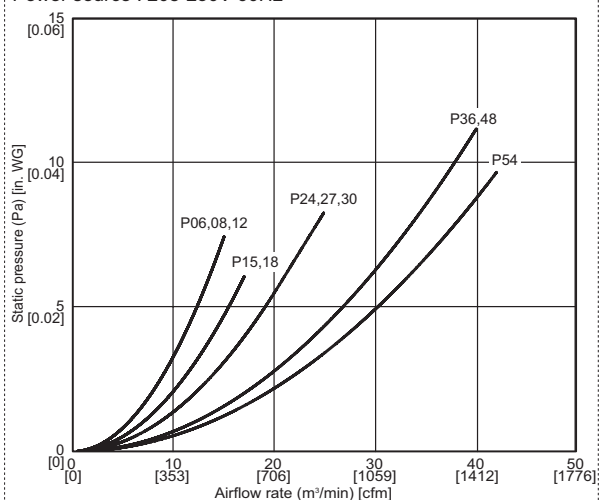


6. FAN CHARACTERISTIC CURVES

PEFY-P06,08,12,15,18,24,27,30,36,48,54NMAU-E3

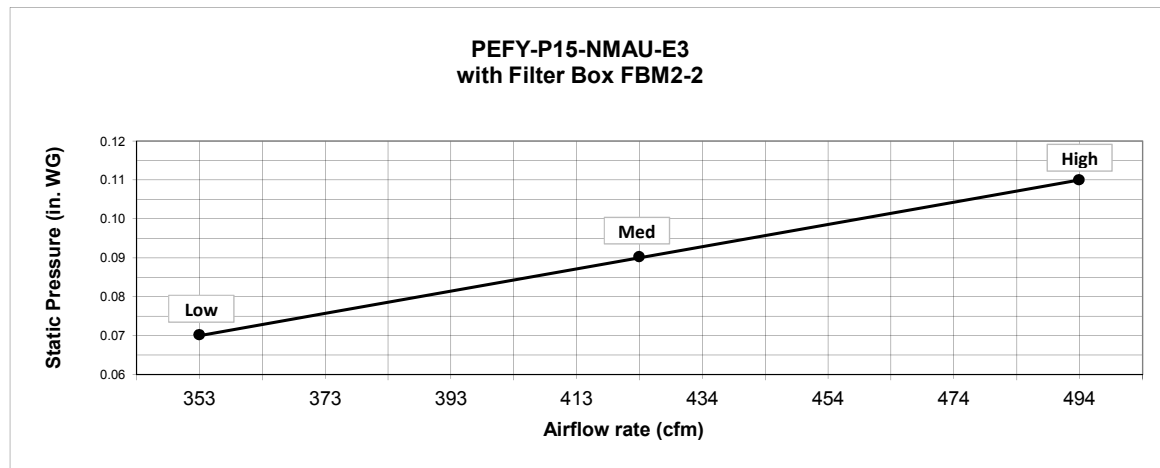
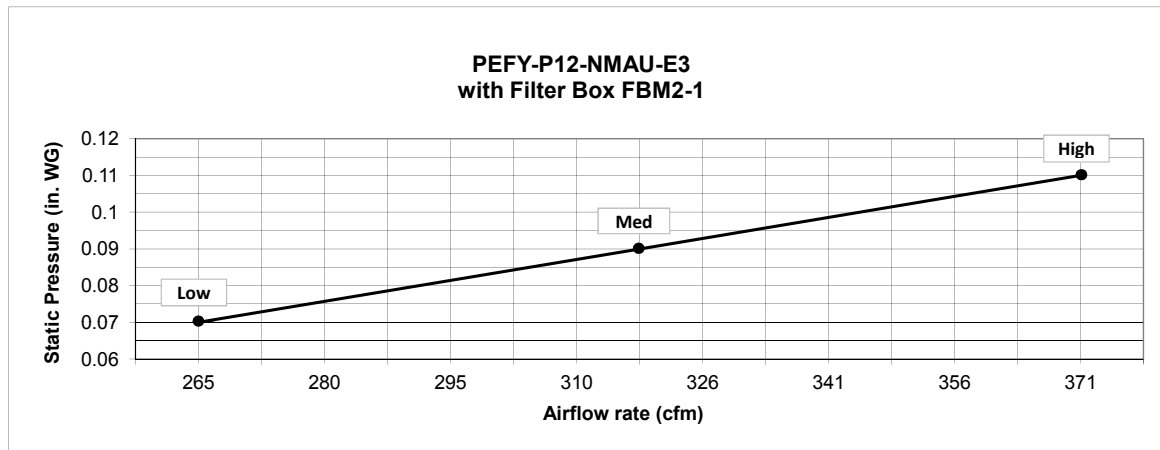
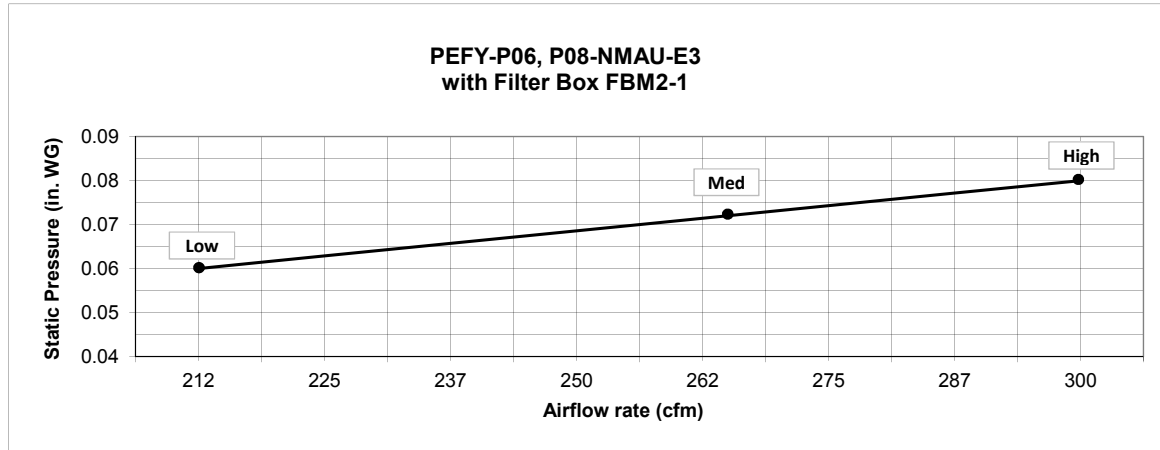
Air filter

Power source : 208-230V 60Hz



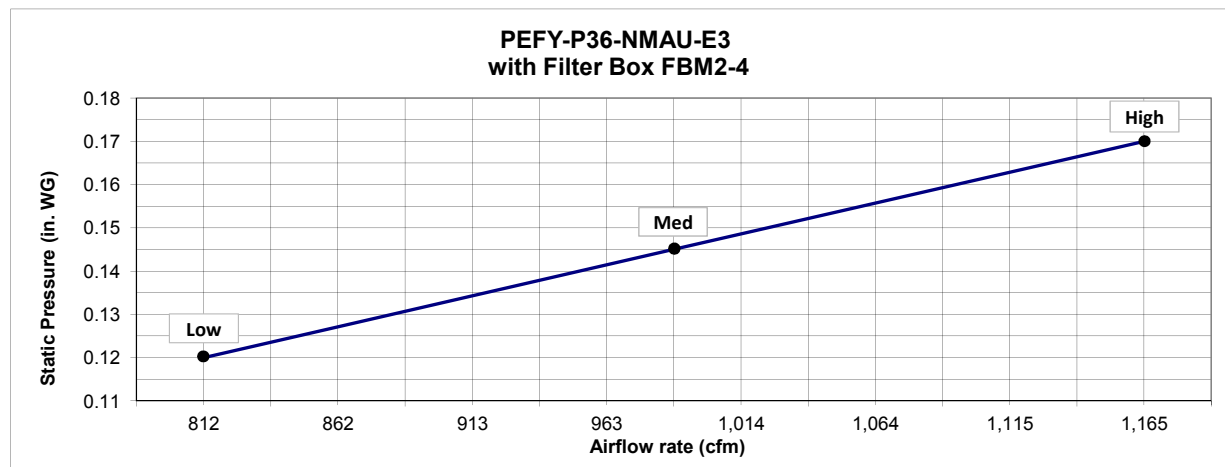
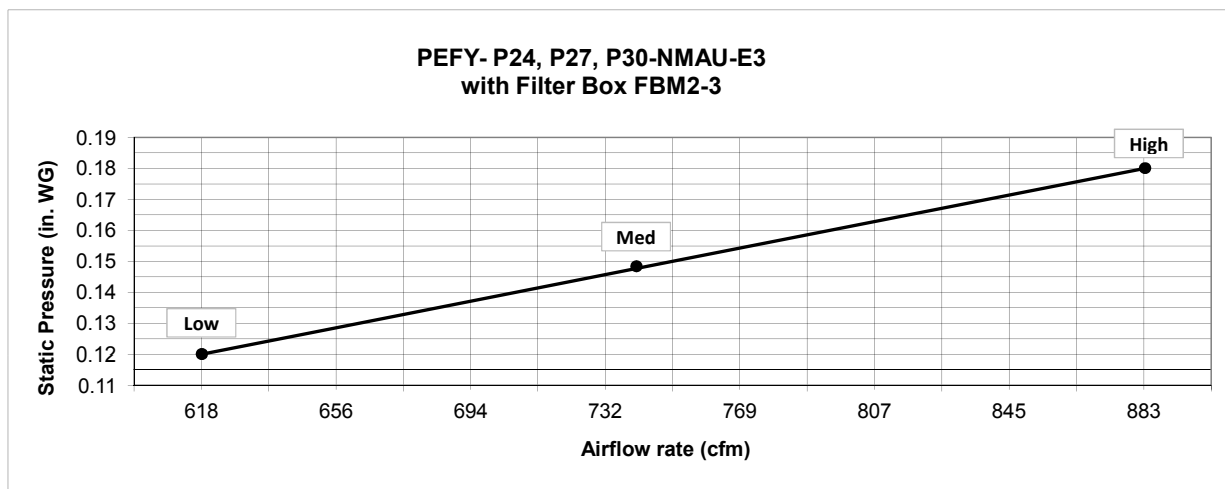
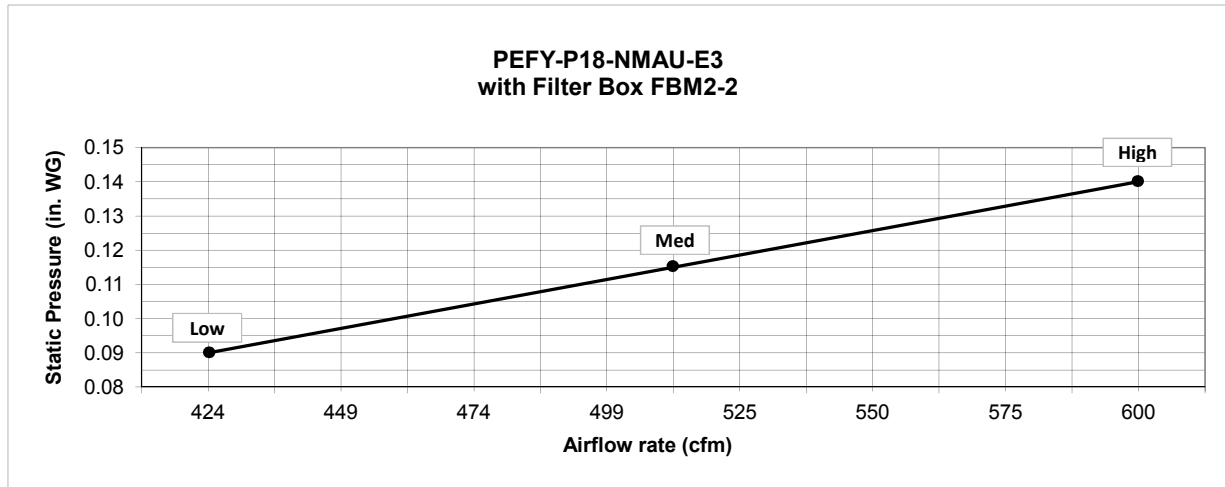
6. FAN CHARACTERISTIC CURVES

Initial Filter Pressure Drop Curves with Optional 2" MERV 13 Filter(s) Installed - PEFY-NMAU-E3



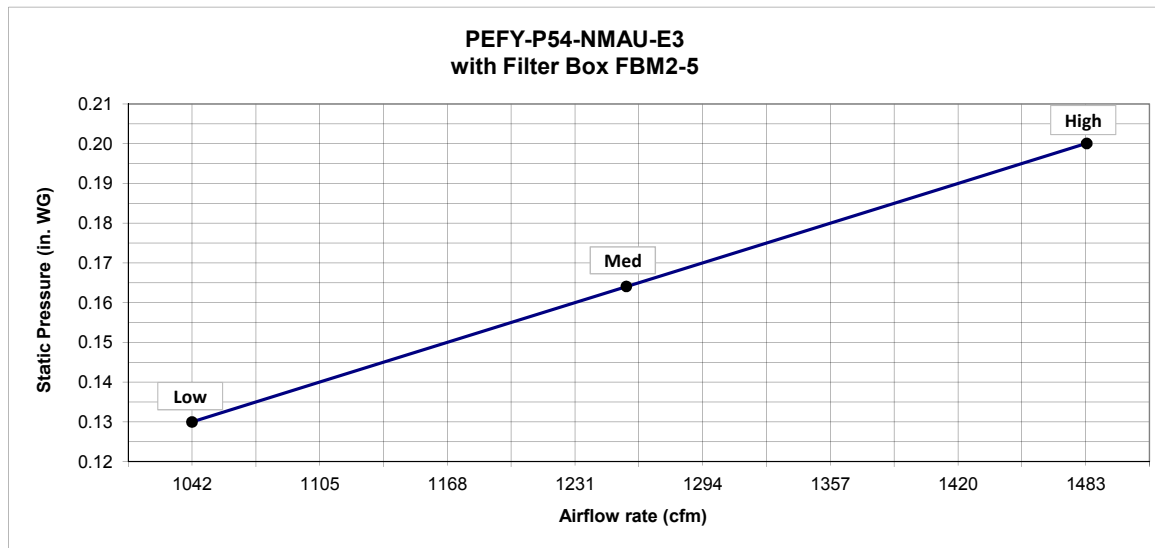
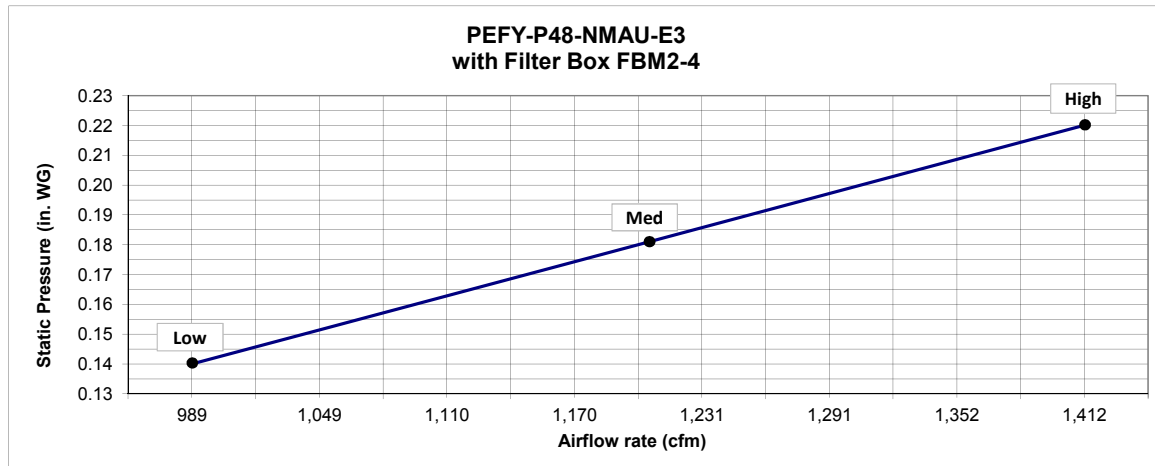
6. FAN CHARACTERISTIC CURVES

Initial Filter Pressure Drop Curves with Optional 2" MERV 13 Filter(s) Installed - PEFY-NMAU-E3



6. FAN CHARACTERISTIC CURVES

Initial Filter Pressure Drop Curves with Optional 2" MERV 13 Filter(s) Installed - PEFY-NMAU-E3

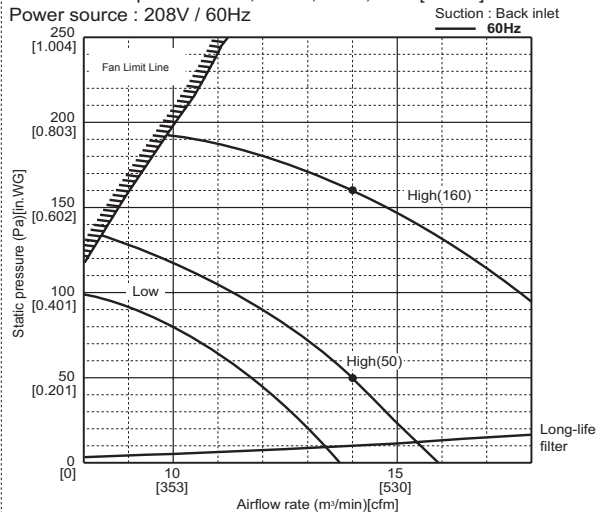


6. FAN CHARACTERISTIC CURVES

PEFY-P15,18NMHU-E

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

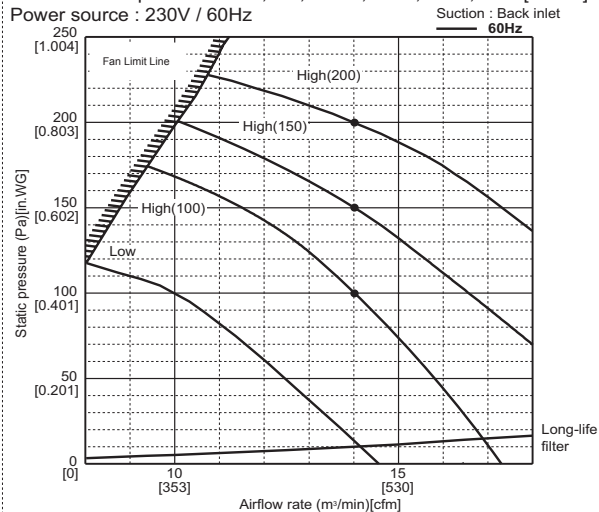
Power source : 208V / 60Hz



PEFY-P15,18NMHU-E

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

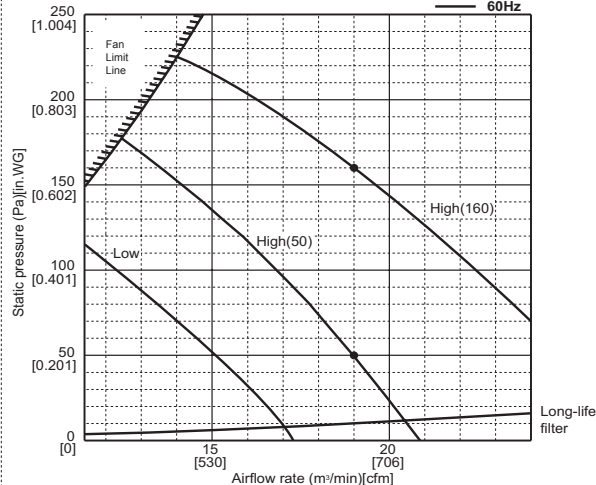
Power source : 230V / 60Hz



PEFY-P24NMHU-E

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

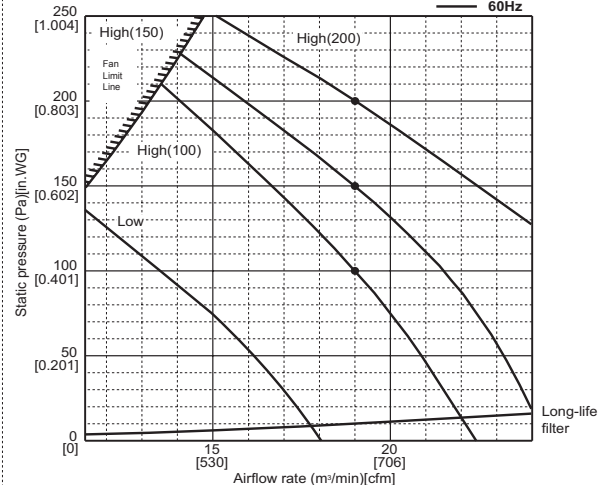
Power source : 208V / 60Hz



PEFY-P24NMHU-E

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

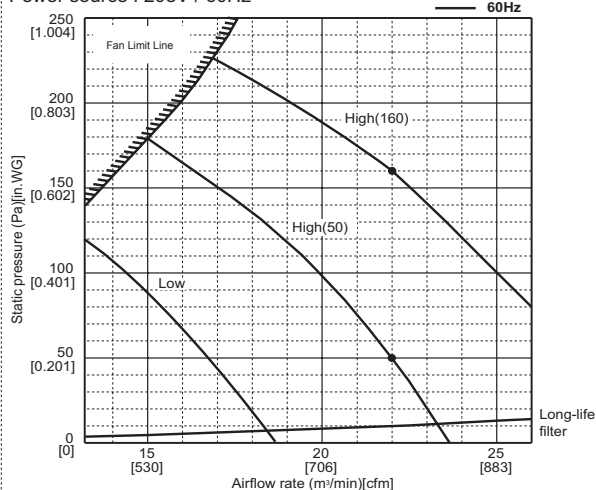
Power source : 230V / 60Hz



PEFY-P27NMHU-E

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

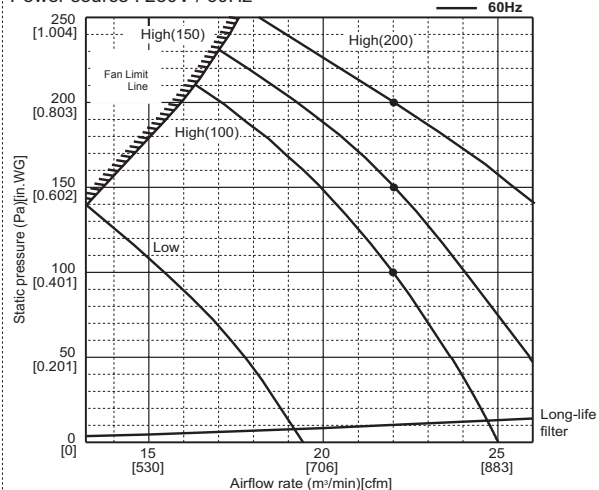
Power source : 208V / 60Hz



PEFY-P27NMHU-E

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

Power source : 230V / 60Hz

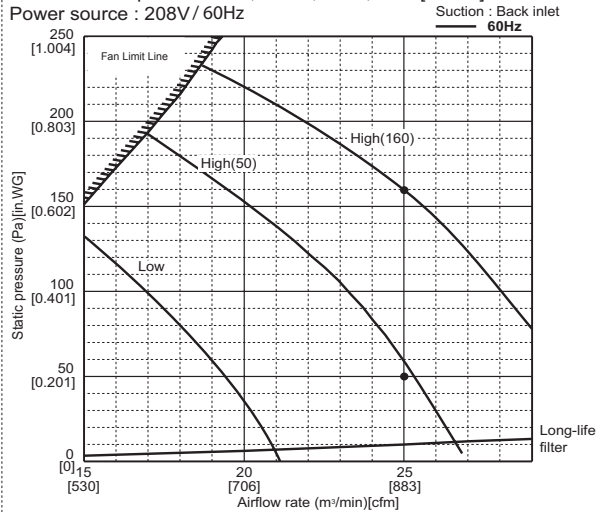


6. FAN CHARACTERISTIC CURVES

PEFY-P30NMHU-E

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

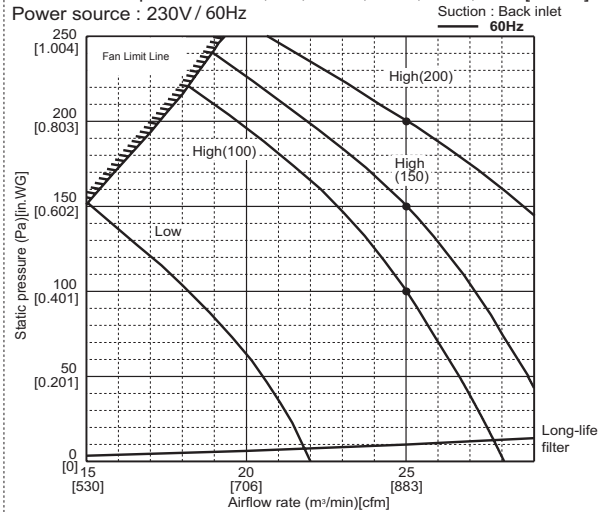
Power source : 208V / 60Hz



PEFY-P30NMHU-E

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

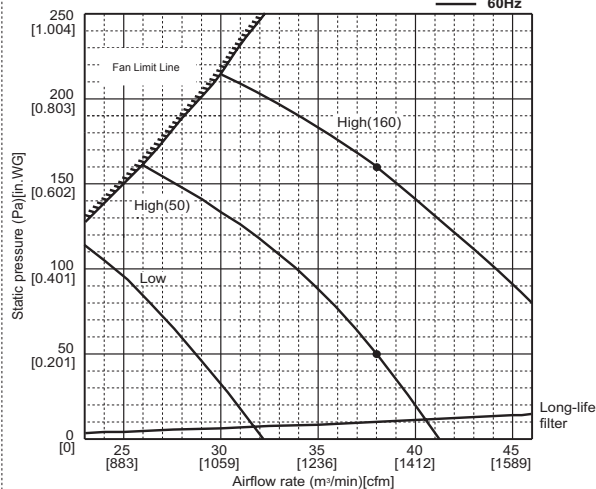
Power source : 230V / 60Hz



PEFY-P36,48NMHU-E

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

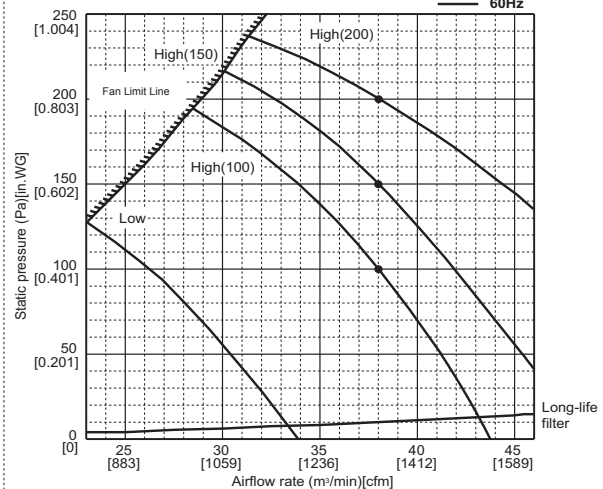
Power source : 208V / 60Hz



PEFY-P36,48NMHU-E

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

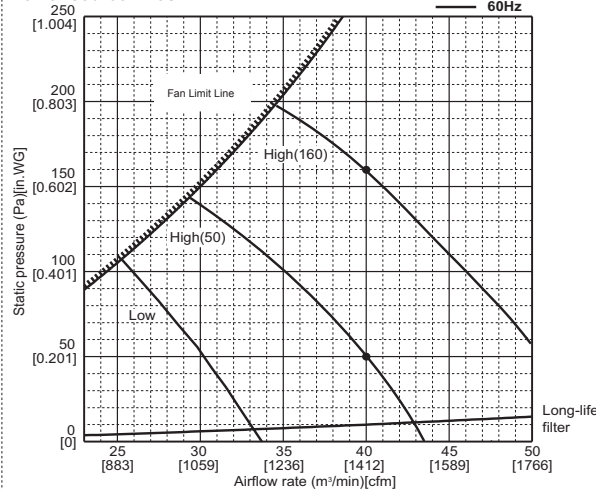
Power source : 230V / 60Hz



PEFY-P54NMHU-E

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

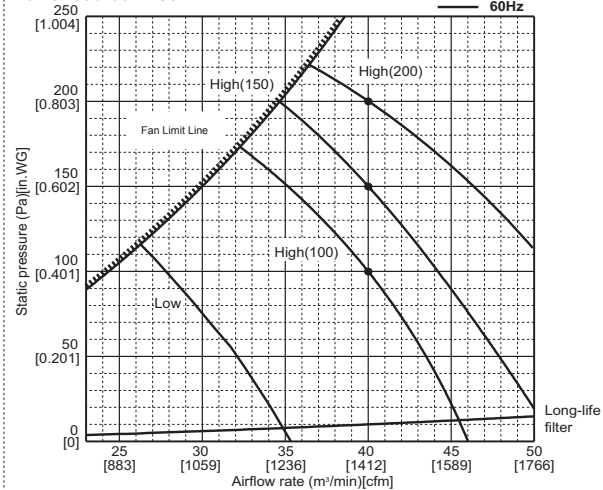
Power source : 208V / 60Hz



PEFY-P54NMHU-E

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

Power source : 230V / 60Hz

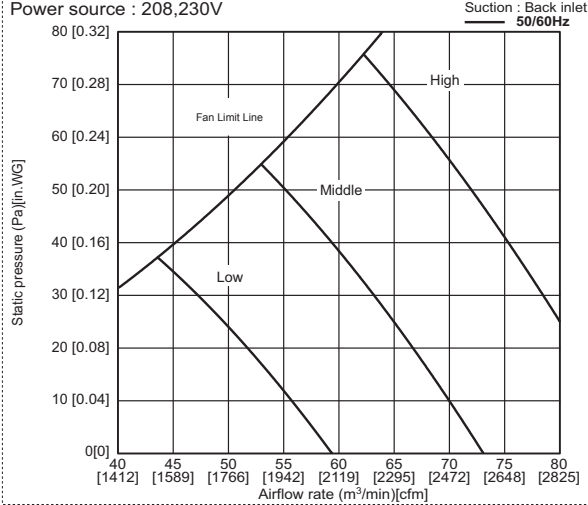


6. FAN CHARACTERISTIC CURVES

PEFY-P72NMHSU-E

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

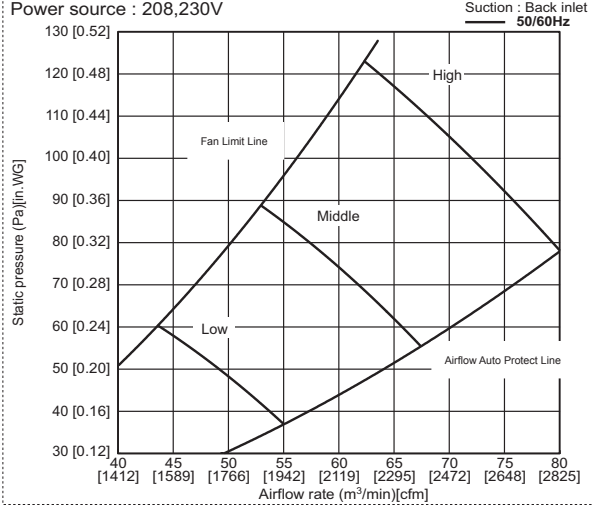
Power source : 208,230V



PEFY-P72NMHSU-E

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

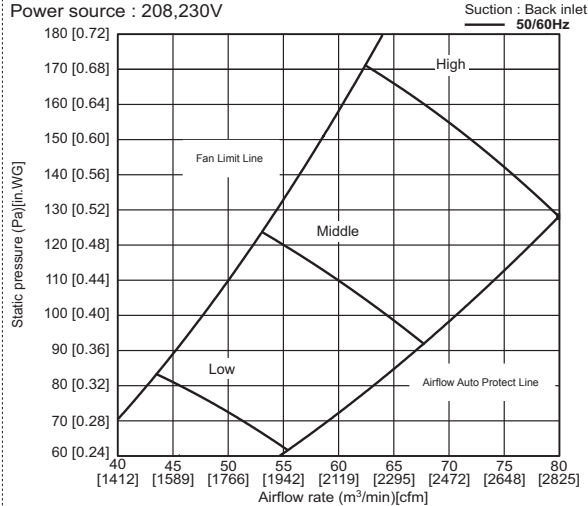
Power source : 208,230V



PEFY-P72NMHSU-E

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

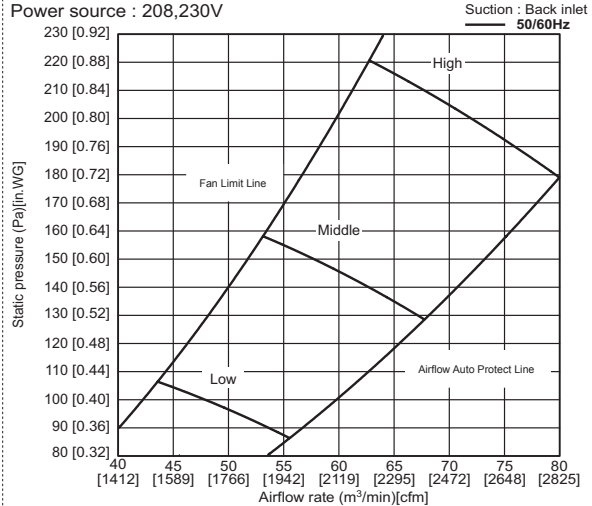
Power source : 208,230V



PEFY-P72NMHSU-E

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

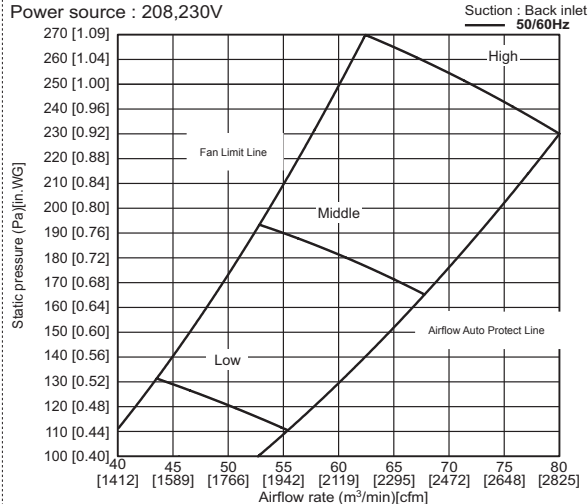
Power source : 208,230V



PEFY-P72NMHSU-E

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

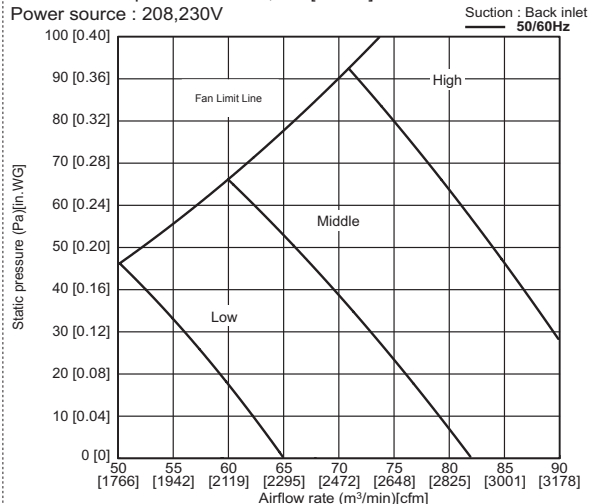
Power source : 208,230V



PEFY-P96NMHSU-E

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

Power source : 208,230V

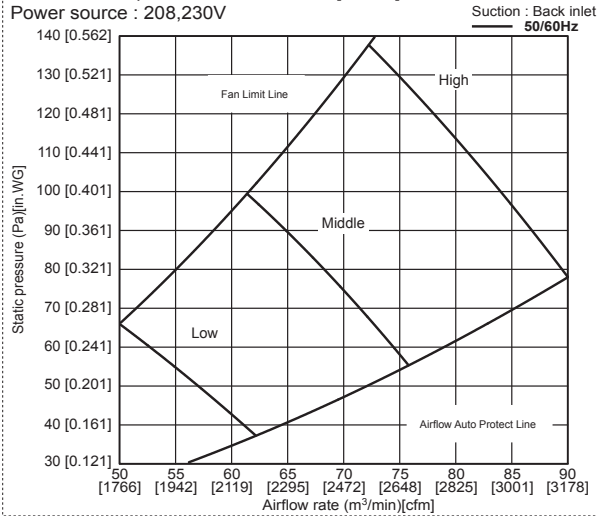


6. FAN CHARACTERISTIC CURVES

PEFY-P96NMHSU-E

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

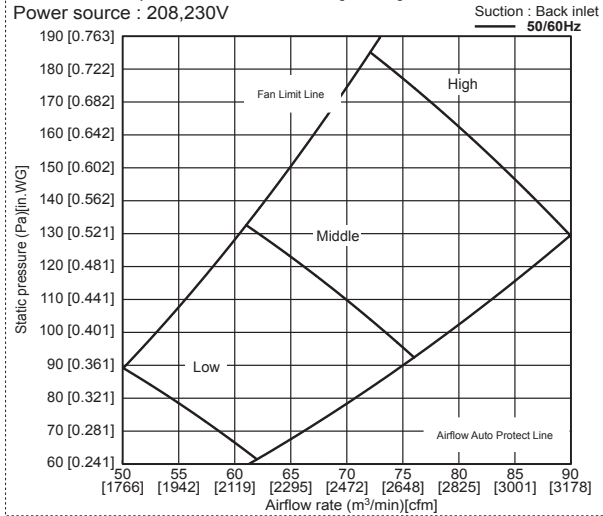
Power source : 208,230V



PEFY-P96NMHSU-E

External static pressure : 150Pa,0.602[in.WG]

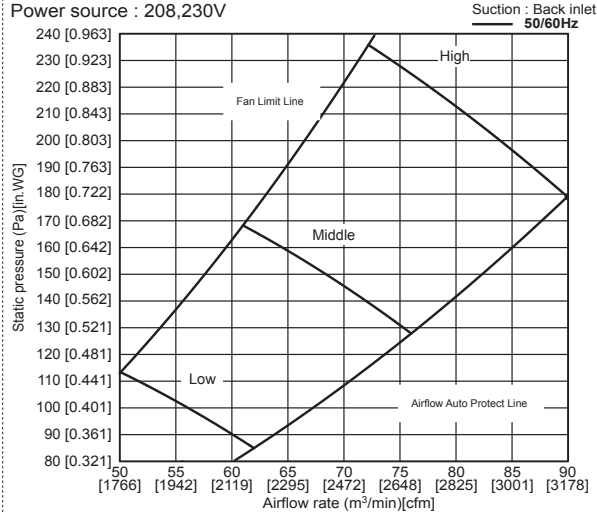
Power source : 208,230V



PEFY-P96NMHSU-E

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

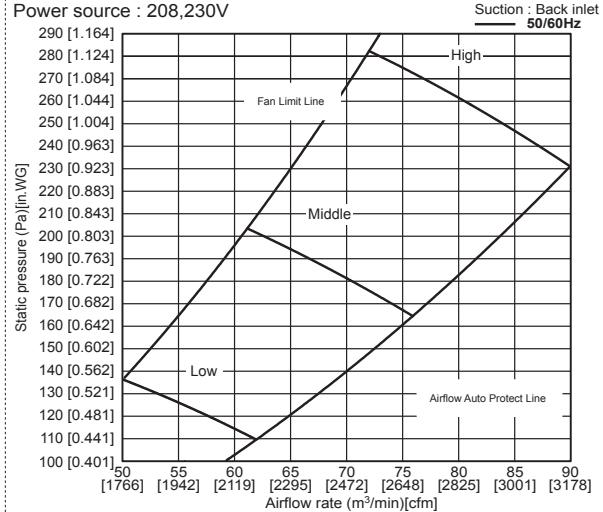
Power source : 208,230V



PEFY-P96NMHSU-E

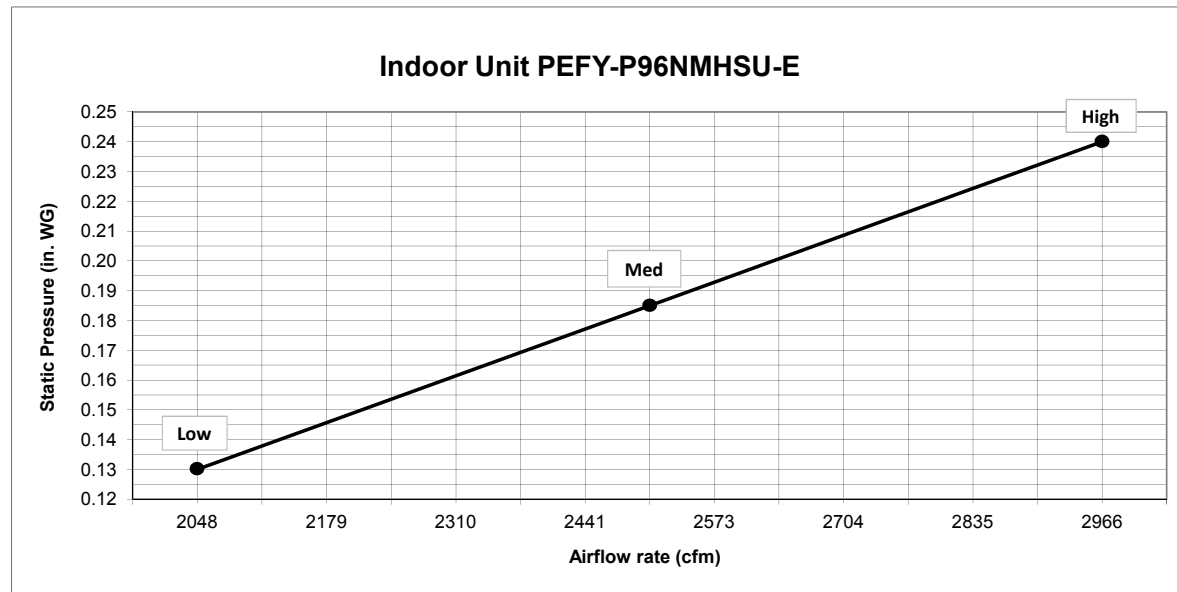
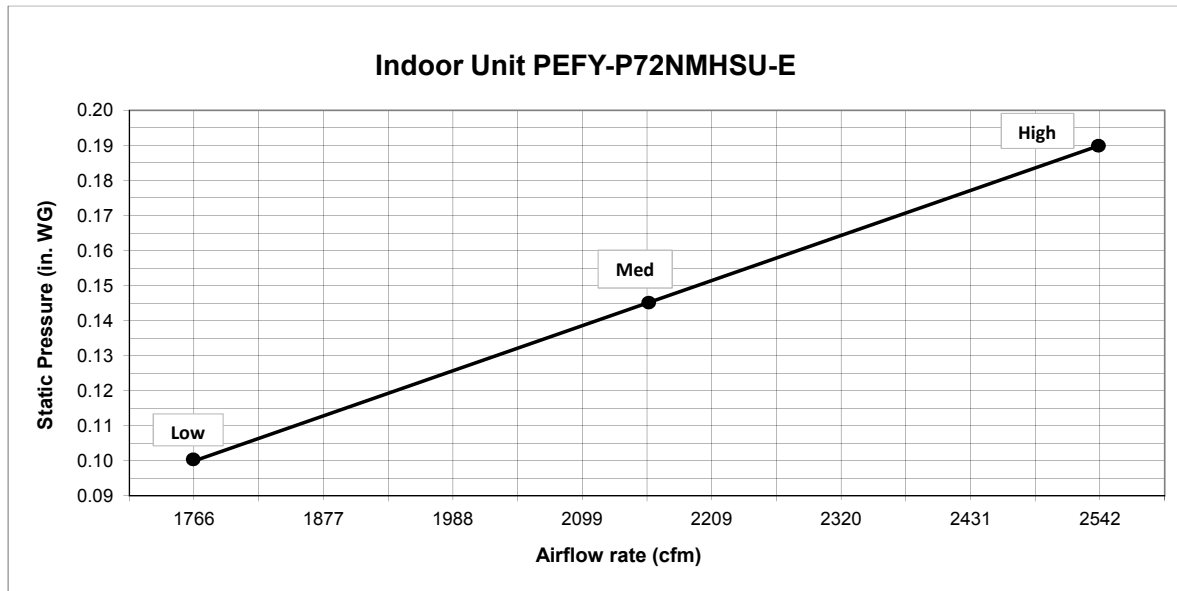
External static pressure : 250Pa,1.004[in.WG]

Power source : 208,230V



6. FAN CHARACTERISTIC CURVES

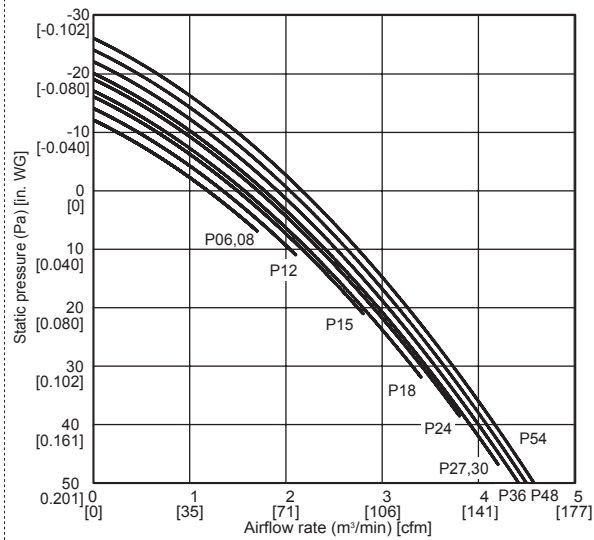
Initial Filter Pressure Drop Curves with Optional 2" MERV 13 Filter(s) Installed - PEFY-NMHSU



7. VENTILATION AIR INTAKE/STATIC PRESSURE CURVES

PEFY-P06,08,12,15,18,24,27,30,36,48,54NMAU-E3

OA Intake-static pressure curves

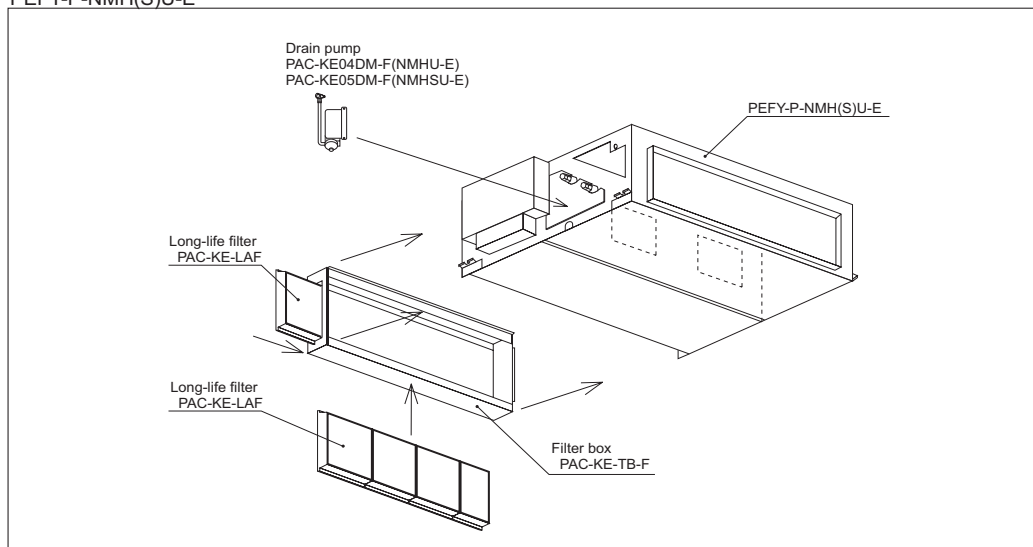


8. OPTIONAL PARTS

8-1. Optional parts line up for the Indoor unit

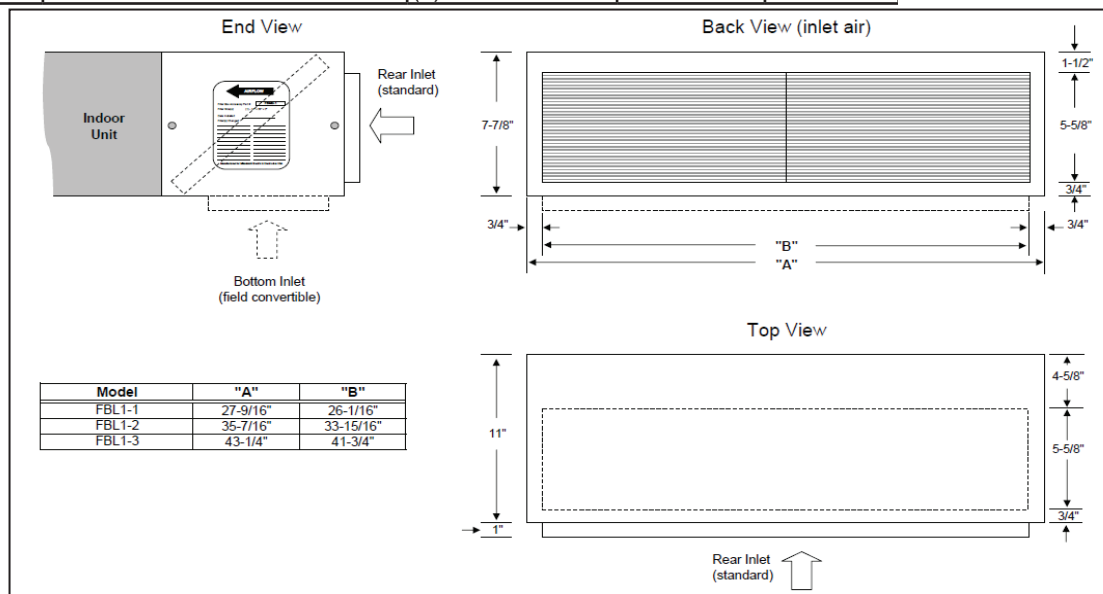
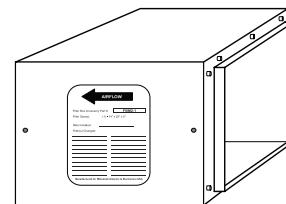
	Long-life filter	Return Plate	Filter box	Drain pump	External heater adaptor
PEFY-P06,08,12NMSU-ER2	-	BRP-1	FBL1-1	-	CN24RELAY-KIT-CM3
PEFY-P15,18NMSU-ER2	-	BRP-2	FBL1-2	-	CN24RELAY-KIT-CM3
PEFY-P24NMSU-ER2	-	BRP-3	FBL1-3	-	CN24RELAY-KIT-CM3
PEFY-P06,08,12NMAU-E3	-	-	FBM2-1	-	CN24RELAY-KIT-CM3
PEFY-P15,18NMAU-E3	-	-	FBM2-2	-	CN24RELAY-KIT-CM3
PEFY-P24,27,30NMAU-E3	-	-	FBM2-3	-	CN24RELAY-KIT-CM3
PEFY-P36,48NMAU-E3	-	-	FBM2-4	-	CN24RELAY-KIT-CM3
PEFY-P54NMAU-E3	-	-	FBM2-5	-	CN24RELAY-KIT-CM3
PEFY-P15,18,24NMHU-E	PAC-KE86LAF	-	PAC-KE63TB-F	PAC-KE04DM-F	CN24RELAY-KIT-CM3
PEFY-P27,30NMHU-E	PAC-KE88LAF	-	PAC-KE80TB-F	PAC-KE04DM-F	CN24RELAY-KIT-CM3
PEFY-P36,48,54NMHU-E	PAC-KE89LAF	-	PAC-KE140TB-F	PAC-KE04DM-F	CN24RELAY-KIT-CM3
PEFY-P72-96NMHSU-E	-	-	FBH4-4	PAC-KE05DM-F	CN24RELAY-KIT-CM3

PEFY-P-NMH(S)U-E



8-2. FBL1-Series MERV 8 Filter Boxes for PEFY-P-NMSU-ER2

Part No.	Used on CITY MULTI Models	Filters Included	Ship Weight (lbs.)	Net Weight (lbs.)
FBL1-1	PEFY-P06,P08,P12-NMSU-ER2	(1) - 12" x 25" x 1"	15	12
FBL1-2	PEFY-P15,P18-NMSU-ER2	(1) - 12" x 20" x 1" (1) - 12" x 14" x 1"	18	15
FBL1-3	PEFY-P24-NMSU-ER2	(2) - 12" x 20" x 1"	21	18

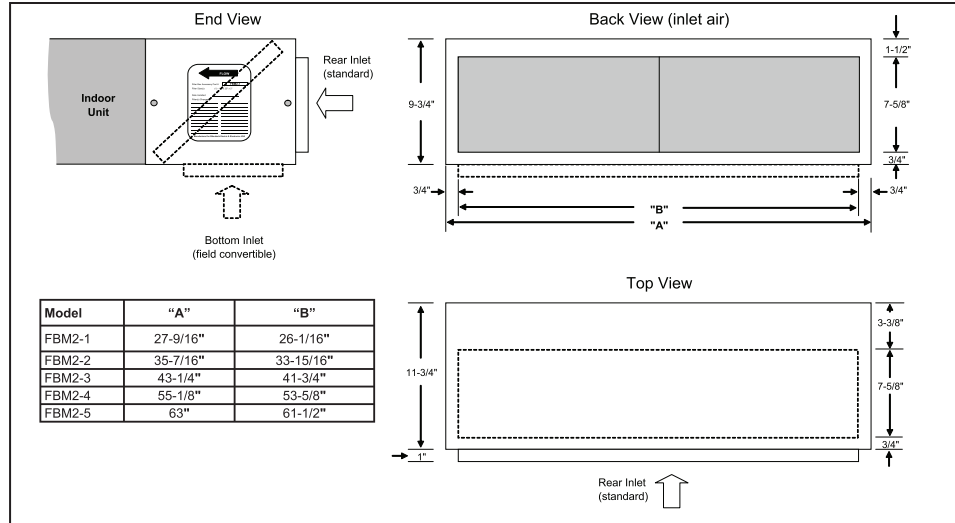
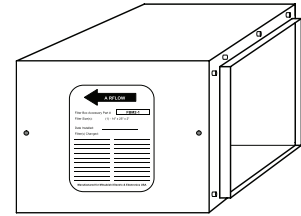


8. OPTIONAL PARTS

8-3. FBM2-Series MERV 13 Filter Boxes for PEFY-P-NMAU-E3

Meet LEED requirement of MERV 13

Part No.	Used on CITY MULTI Models	Filters Included	Ship Weight (lbs.)	Net Weight (lbs.)
FBM2-1	PEFY-P06, P08, P12-NMAU-E3	(1) - 14" x 25" x 2"	22	20
FBM2-2	PEFY-P15, P18-NMAU-E3	(1) - 14" x 20" x 2", (1) - 14" x 14" x 2"	28	26
FBM2-3	PEFY-P24, P27, P30-NMAU-E3	(2) - 14" x 20" x 2"	35	32
FBM2-4	PEFY-P36, P48-NMAU-E3	(2) - 14" x 20" x 2", (1) - 14" x 14" x 2"	44	41
FBM2-5	PEFY-P54-NMAU-E3	(3) - 14" x 20" x 2"	50	46

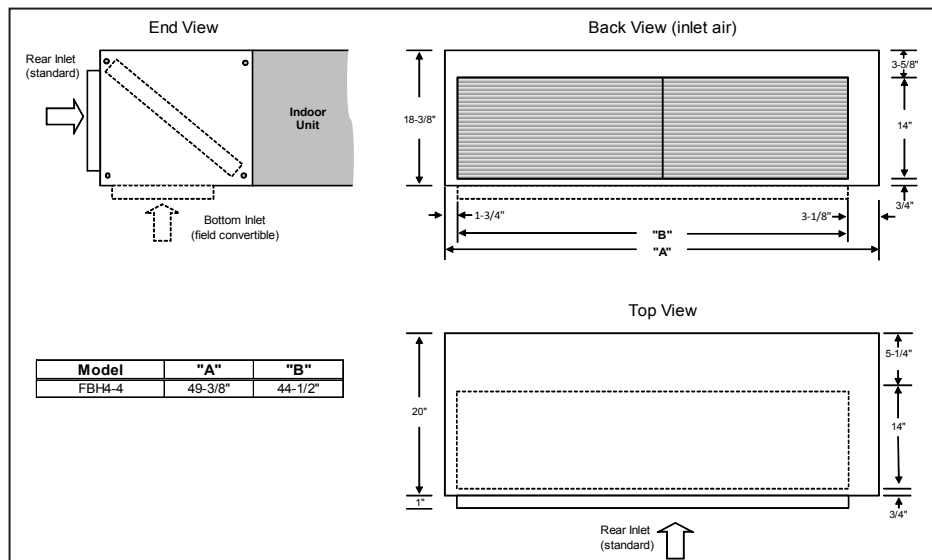
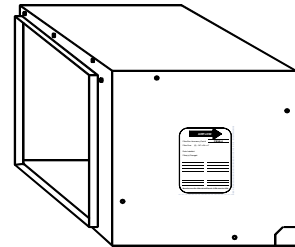


8-4. FBH4-Series MERV 13 Filter Boxes for PEFY-P72,96NMHSU-E

Meet LEED requirement of MERV 13.

Available upon liquidation of PAC-KE85LAF / PAC-KE250TB-F

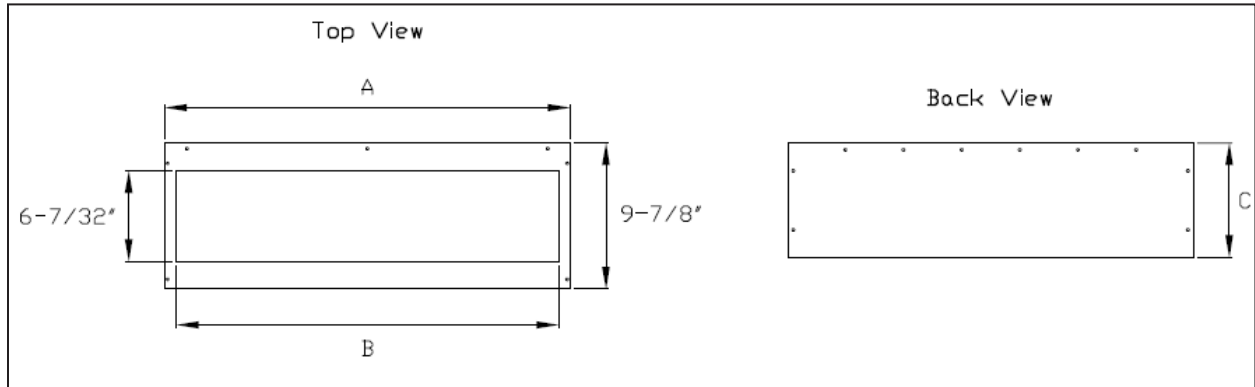
Part No.	Used on CITY MULTI Models	Filters Included	Ship Weight (lbs.)	Net Weight (lbs.)
FBH4-4	PEFY-P72, P96NMHSU-E	(2) - 24" x 24" x 4"	44	40



8. OPTIONAL PARTS

8-5. BRP-Series Bottom Return Plate for PEFY-P-NMSU-ER2

Used to convert PEFY-NMSU indoor units from a rear return (as supplied) to a bottom return



		L-shape Plate Dimensions		
Return Plate Model	Used with	A	B	C
BRP-1	PEFY-P06,P08,P12NMSU-ER2	27-9/16"	26"	7-7/8"
BRP-2	PEFY-P15, P18NMSU-ER2	35-7/16"	33-7/8"	7-7/8"
BRP-3	PEFY-P24-NMSU-ER2	43-5/16"	41-3/4"	7-7/8"

8-6. Long-life Filter PAC-KE-LAF; Filter Box PAC-KE-TB-F for PEFY-P-NMHU

Life span: 2,500 hr

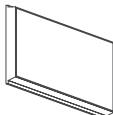
*. The actual dust situation affects the filter life span, which should be considered at the applying site.

Material: Synthetic fiber unwoven cloth filter

Static pressure loss is referred to "Fan characteristics curves".

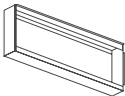
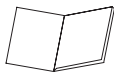
Long-life filter should be used together with filter box PAC-KE-TB-F.

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)

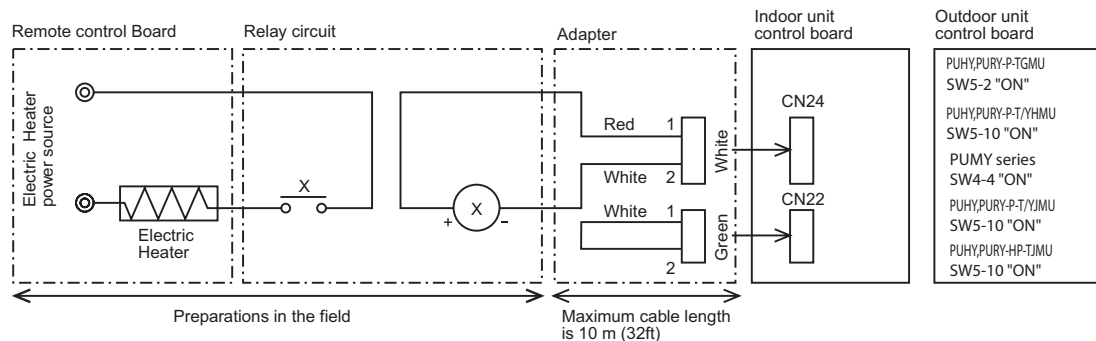
8. OPTIONAL PARTS

8-7. External Heater Adapter CN24RELAY-KIT-CM3 for PEFY-P-NMHU-E,NMAU-E3

External heater adaptor CN24RELAY-KIT-CM3 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.)



For relay X use the specifications given below Operation coil

Rated voltage : 12VDC

Power consumption : 0.9W or less

The length of the electrical wiring for the CN24RELAY-KIT-CM3 is 2 meters (6-1/2 ft)

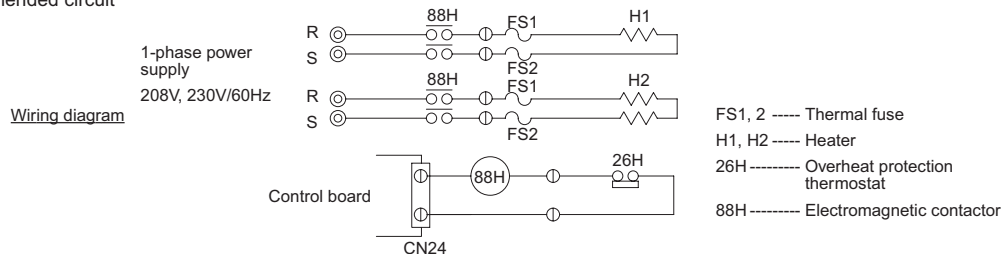
To extend this length, use sheathed 2-core cable.

Control cable type : CVV, CVS, CPEV or equivalent.

Cable size : 0.5 mm² ~ 1.25 mm² (16 to 22 AWG)

Don't extend the cable more than 10 meters (32ft)

Recommended circuit



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

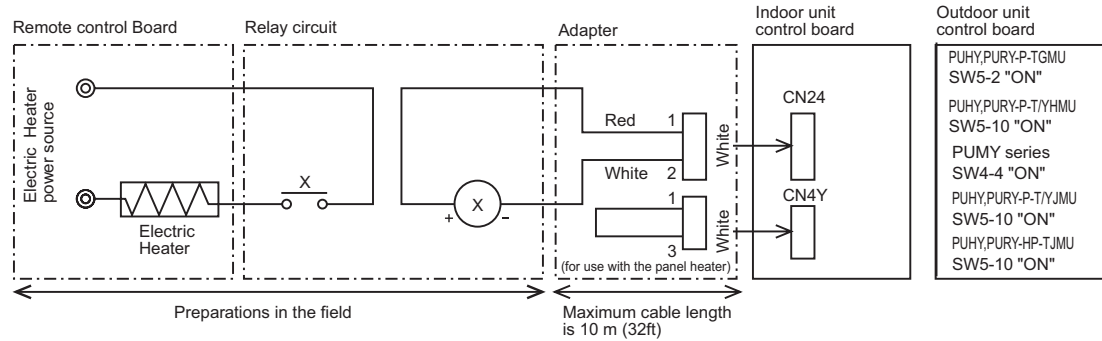
Refer to the Installation Manual for wiring and installation details.

8. OPTIONAL PARTS

8-8. External Heater Adapter CN24RELAY-KIT-CM3 for PEFY-P-NMSU-ER2,NMHSU

External heater adaptor CN24RELAY-KIT-CM3 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.)



For relay X use the specifications given below Operation coil

Rated voltage : 12VDC

Power consumption : 0.9W or less

The length of the electrical wiring for the CN24RELAY-KIT-CM3 is 2 meters (6-1/2 ft)

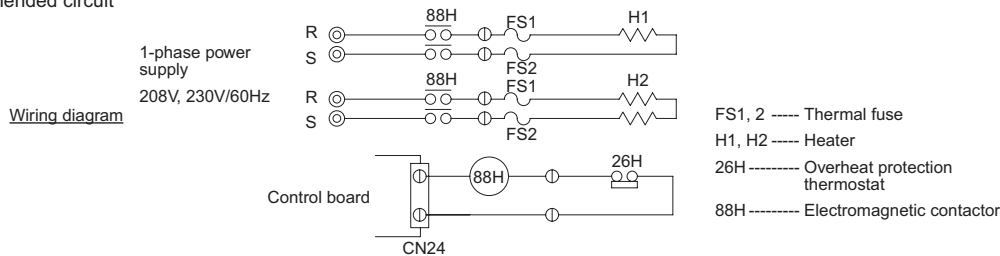
To extend this length, use sheathed 2-core cable.

Control cable type : CVV, CVS, CPEV or equivalent.

Cable size : 0.5 mm² ~ 1.25 mm² (16 to 22 AWG)

Don't extend the cable more than 10 meters (32ft)

Recommended circuit



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

Refer to the Installation Manual for wiring and installation details.

8-9. Drain Pump Kit PAC-KE04DM-F for PEFY-NMHU-E

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					

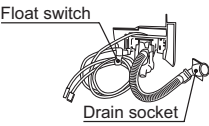
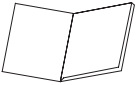
Detailed installation information should be referred to its Installation Manual (WT03312X07)

8. OPTIONAL PARTS

8-10. Drain Pump Kit PAC-KE05DM-F for PEFY-NMHSU-E

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)