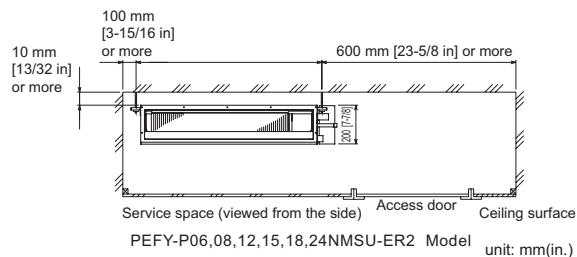


PEFY-P-NMSU-ER2, -NMAU-E3, -NMHU-E2, -NMHSU-E

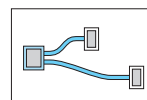
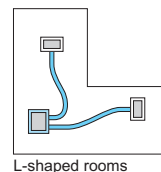
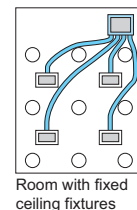
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CEILING-CONCEALED (LOW/MEDIUM/HIGH-STATIC PRESSURE)

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-E2 provides flexibility for duct extension, branching, and air outlet configuration.



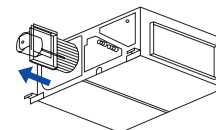
■ Sound Pressure Levels

	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-E2, 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., PEFY-P-NMAU-E3 has a condensate lift of 27-9/16 in., and PEFY-P-NMHU-E2 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-E2					●	●	●	●	●	●	●	●		
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	7-7/8 X 31-1/8 X	7-7/8 X 31-1/8 X	7-7/8 X 39 X 27-9/16
		mm	27-9/16	27-9/16	27-9/16	
Net weight		Lbs (kg)	200 X 790 X 700	200 X 790 X 700	200 X 790 X 700	200 X 990 X 700
			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	0.02-(0.06*)-0.14-0.20	0.02-(0.06*)-0.14-0.20	0.02-(0.06*)-0.14-0.20
			(208V)	(208V)	(208V)	(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	0.02-(0.06*)-0.14-0.20	0.02-(0.06*)-0.14-	0.02-(0.06*)-0.14-
		(230V)	(230V)	0.20(230V)	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)	dB <A>	22-24-28 (208V)	23-26-30 (208V)	23-28-35 (208V)	28-30-33 (208V)	
(Measured in anechoic room) *4	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	Document		Installation manual, instruction book			
Attachment	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.	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
	(26.7degC D.B. / 19.4degC W.B.)		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	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
	Static pressure	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	cfm	353-441-529	423-565-706
		m³ / min.	10-12.5-15	12-16-20
(Low-Mid-High)	L / s	167-208-250	200-267-333	
Sound pressure level (Low-Mid-High)		dB <A>	30-34-37 (208V)	30-35-40 (208V)
(Measured in anechoic room) *3		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	Document		Installation Manual, Instruction Book	
Attachment	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	
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.	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
	(26.7degC D.B. / 19.4degC W.B.)		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			
Cooling capacity *1		BTU/h	6,000	8,000	12,000	15,000
		kW	1.8	2.3	3.5	4.4
	Power input	kW	0.060	0.060	0.090	0.090
	Current input	A	0.56/0.52	0.56/0.52	0.66/0.62	0.67/0.63
Heating capacity		*3 BTU/h	6,700	9,000	13,500	17,000
		*3 kW	2.0	2.6	4.0	5.0
*2	Power input	kW	0.040	0.040	0.070	0.070
	Current input	A	0.45/0.41	0.45/0.41	0.55/0.51	0.56/0.52
External finish			Galvanized			
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
Net weight		mm	250 x 700 x 732	250 x 700 x 732	250 x 700 x 732	250 x 900 x 732
		lbs (kg)	49 (22)	49 (22)	49 (22)	58 (26)
Heat exchanger			Cross fin(Aluminum fin and copper tube)			
FAN *4	Type x Quantity		Sirocco fan x 1			
	External static press.	in.WG	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>			
		Pa	<35> - 50 - <70> - <100> - <150>			
	Motor Type		DC motor	DC motor	DC motor	DC motor
	Driving mechanism		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	10.0 - 12.0 - 14.0
		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				
Air filter		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	inch (mm)	1/4 (6.35)Braze	1/4 (6.35)Braze	1/4 (6.35)Braze	1/4 (6.35)Braze
	Gas	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		KJ94C917	KJ94C917	KJ94C917	KJ94C917
	Wiring		KJ94C918	KJ94C918	KJ94C918	KJ94C918
Standard attachment	Document		Installation Manual, Instruction Book			
	Accessory		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
			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-P18NMAU-E3	PEFY-P24NMAU-E3	PEFY-P27NMAU-E3	PEFY-P30NMAU-E3	
Power source			1-phase 208/230 V 60 Hz				
Cooling capacity *1		BTU/h	18,000	24,000	27,000	30,000	
		kW	5.3	7.0	7.9	8.8	
	Power input	kW	0.110	0.170	0.170	0.170	
	Current input	A	0.77/0.73	1.31/1.27	1.31/1.27	1.31/1.27	
Heating capacity		*3	BTU/h	20,000	27,000	30,000	34,000
		*3	kW	5.9	7.9	8.8	10.0
*2	*2	Power input	kW	0.090	0.150	0.150	0.150
		Current input	A	0.66/0.62	1.20/1.16	1.20/1.16	1.20/1.16
External finish			Galvanized				
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	
Net weight		mm	250 x 900 x 732	250 x 1,100 x 732	250 x 1,100 x 732	250 x 1,100 x 732	
		lbs (kg)	58 (26)	67 (30)	67 (30)	67 (30)	
Heat exchanger			Cross fin(Aluminum fin and copper tube)				
FAN *4	Type x Quantity		Sirocco fan x 1				
	External static press.	in.WG	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>				
		Pa	<35> - 50 - <70> - <100> - <150>				
	Motor Type		DC motor	DC motor	DC motor	DC motor	
	Driving mechanism		Direct-driven by motor				
	Air flow rate		424 - 512 - 600	618 - 742 - 883	618 - 742 - 883	618 - 742 - 883	
		cfm	12.0 - 14.5 - 17.0	17.5 - 21.0 - 25.0	17.5 - 21.0 - 25.0	17.5 - 21.0 - 25.0	
		m3/min	200 - 242 - 283	292 - 350 - 417	292 - 350 - 417	292 - 350 - 417	
		L/s	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
Sound pressure level (measured in anechoic room)			28-32-35	30-34-39	30-34-39	30-34-39	
		*2 dB <A>	26-28-29	26-28-29	28-30-34	28-30-34	
Insulation material			EPS, Polyethylene foam, Urethane foam				
Air filter			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	inch (mm)	1/4 (6.35)Brazed	3/8 (9.52)Brazed	3/8 (9.52)Brazed	3/8 (9.52)Brazed	
	Gas	inch (mm)	1/2 (12.7)Brazed	5/8 (15.88)Brazed	5/8 (15.88)Brazed	5/8 (15.88)Brazed	
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		KJ94C917	KJ94C917	KJ94C917	KJ94C917	
	Wiring		KJ94C918	KJ94C918	KJ94C918	KJ94C918	
Standard attachment	Document		Installation Manual, Instruction Book				
	Accessory		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		
Cooling capacity *1		BTU/h	36,000	48,000	54,000
		kW	10.6	14.1	15.8
	Power input	kW	0.240	0.340	0.360
	Current input	A	1.50/1.46	2.08/2.04	2.24/2.20
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
	Current input	A	1.39/1.35	1.97/1.93	2.13/2.09
External finish			Galvanized		
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
Net weight		mm	250 x 1,400 x 732	250 x 1,400 x 732	250 x 1,600 x 732
		lbs (kg)	86 (39)	86 (39)	93 (42)
Heat exchanger			Cross fin(Aluminum fin and copper tube)		
FAN *4	Type x Quantity		Sirocco fan x 2		
	External static press.	in.WG	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>		
		Pa	<35> - 50 - <70> - <100> - <150>		
	Motor Type		DC motor	DC motor	DC motor
	Driving mechanism		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		
Air filter			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	inch (mm)	3/8 (9.52)Braze	3/8 (9.52)Braze	3/8 (9.52)Braze
	Gas	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		KJ94C917	KJ94C917	KJ94C917
	Wiring		KJ94C918	KJ94C918	KJ94C918
Standard attachment	Document		Installation Manual, Instruction Book		
	Accessory		Washer, Drain hose, Tie band		
Optional parts	Filter box		FBM2-1	FBM2-1	FBM2-1
	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-E2	PEFY-P18NMHU-E2	PEFY-P24NMHU-E2	PEFY-P27NMHU-E2	
Power source			1-phase 208/230v 60Hz				
Cooling capacity (Nominal)		Btu / h *1	15,000	18,000	24,000	27,000	
		kW *1	4.4	5.3	7.0	7.9	
		Power input	kW *2	0.270/0.280	0.270/0.280	0.330/0.320	0.390
		Current input	A *2	1.32/1.25	1.32/1.25	1.61/1.43	1.90/1.73
Heating capacity (Nominal)		Btu / h *3	17,000	20,000	27,000	30,000	
		kW *3	5.0	5.9	7.9	8.8	
		Power input	kW *2	0.250/0.260	0.250/0.260	0.310/0.300	0.370
		Current input	A *2	1.21/1.14	1.21/1.14	1.50/1.32	1.79/1.62
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.	15 X 29-3/8 X 35-7/16	15 X 29-3/8 X 35-7/16	15 X 29-3/8 X 35-7/16	15 X 40-9/16 X 35-7/16	
		mm	380 X 745 X 900	380 X 745 X 900	380 X 745 X 900	380 X 1,030 X 900	
Net weight		Lbs (kg)	98 (44)	98 (44)	100 (45)	124 (56)	
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 2	
	External	in.WG	<0.40> - <1.00>	<0.40> - <1.00>	<0.40> - <1.00>	<0.40> - <1.00>	
		PA	<100> - <250>	<100> - <250>	<100> - <250>	<100> - <250>	
	Static pressure	in.WG	<0.60> - 1.00	<0.60> - 1.00	<0.60> - 1.00	<0.60> - 1.00	
		PA	<150> - 250	<150> - 250	<150> - 250	<150> - 250	
	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)		dB <A>	39-45	39-45	40-46	38-44	
(Measured in anechoic room) *2		dB<A>	39-45	39-45	40-46	38-44	
Insulation material			Polystyrene foam,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	R410A CITY MULTI	R410A CITY MULTI	
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	1/4 (6.35)Braze	1/4 (6.35)Braze	3/8 (9.52)Braze	3/8 (9.52)Braze	
	Gas (R410A)	in. (mm)	1/2 (12.7)Braze	1/2 (12.7)Braze	5/8 (15.88)Braze	5/8 (15.88)Braze	
Diameter of drain pipe		in. (mm)	O.D.1-1/4(32)	O.D.1-1/4(32)	O.D.1-1/4(32)	O.D.1-1/4(32)	
Drawing	External	KJ94C834					
	Wiring	KJ94C833					
Standard	Document	Installation manual, instruction book					
Attachment	Accessory	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band					
Optional Parts	External heater adaptor		CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	
	Filter box		FBH2-1 Combination filter and filter box	FBH2-1 Combination filter and filter box	FBH2-1 Combination filter and filter box	FBH2-2 Combination filter and filter box	
	Installation	Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.					

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

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	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-E2	PEFY-P36NMHU-E2	PEFY-P48NMHU-E2	PEFY-P54NMHU-E2	
Power source			1-phase 208/230v 60Hz				
Cooling capacity (Nominal)		Btu / h *1	30,000	36,000	48,000	54,000	
		kW *1	8.8	10.6	14.1	15.8	
		Power input	kW *2	0.450	0.620/0.610	0.620/0.610	0.630/0.620
		Current input	A *2	2.20/2.00	3.10/2.74	3.10/2.74	3.11/2.78
Heating capacity (Nominal)		Btu / h *3	34,000	40,000	54,000	60,000	
		kW *3	10.0	11.7	15.8	17.6	
		Power input	kW *2	0.430	0.600/0.590	0.600/0.590	0.610/0.600
		Current input	A *2	2.09/1.89	2.99/2.63	2.99/2.63	3.00/2.67
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.	15 X 40-9/16 X 35-7/16	15 X 47-1/16 X 35-7/16	15 X 47-1/16 X 35-7/16	15 X 47-1/16 X 35-7/16	
		mm	380 X 1,030 X 900	380 X 1,195 X 900	380 X 1,195 X 900	380 X 1,195 X 900	
Net weight		Lbs (kg)	124 (56)	153 (69)	153 (69)	157 (71)	
Heat exchanger			Cross fin(aluminium fin and copper tube)				
Fan	Type x quantity		Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	SIROCCO FAN X 2	
	External	in.WG	<0.40> - <1.00>	<0.40> - <1.00>	<0.40> - <1.00>	<0.40> - <1.00>	
		PA	<100> - <250>	<100> - <250>	<100> - <250>	<100> - <250>	
	Static pressure	in.WG	<0.60> - 1.00	<0.60> - 1.00	<0.60> - 1.00	<0.60> - 1.00	
		PA	<150> - 250	<150> - 250	<150> - 250	<150> - 250	
	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)		dB <A>	38-44	40-46	40-46	41-47	
(Measured in anechoic room) *2		dB<A>	38-44	40-46	40-46	41-47	
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	R410A CITY MULTI	R410A CITY MULTI	
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	3/8 (9.52)Braze	3/8 (9.52)Braze	3/8 (9.52)Braze	3/8 (9.52)Braze	
	Gas (R410A)	in. (mm)	5/8 (15.88)Braze	5/8 (15.88)Braze	5/8 (15.88)Braze	5/8 (15.88)Braze	
Diameter of drain pipe		in. (mm)	O.D.1-1/4(32)	O.D.1-1/4(32)	O.D.1-1/4(32)	O.D.1-1/4(32)	
Drawing	External		KJ94C834				
	Wiring		KJ94C833				
Standard	Document		Installation manual, instruction book				
Attachment	Accessory		Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band				
Optional Parts	External heater adaptor		CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	
	Filter box		FBH2-2 Combination filter and filter box	FBH2-3 Combination filter and filter box	FBH2-3 Combination filter and filter box	FBH2-3 Combination filter and filter box	
	Installation	Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.					

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

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	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	
		*1 kW	21.1		28.1	
	*2	Power input	kW		0.63	
		*2 Current input (208/230V)	A		3.67/3.32	
Heating capacity (Nominal)	*3	Btu/h	80,000		108,000	
		*3 kW	23.4		31.7	
	*2	Power input	kW		0.63	
		*2 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>	<50> - <100> - 150 - <200> - <250>	
		(230V)	in.WG	<0.20> - <0.40> - 0.60 - <0.80> - <1.00>	<0.20> - <0.40> - 0.60 - <0.80> - <1.00>	
			Pa	<50> - <100> - 150 - <200> - <250>	<50> - <100> - 150 - <200> - <250>	
	Motor Type		DC motor		DC motor	
	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 ($\approx 1.25 \times \text{FLA}$) FLA : Full Load Amps
IFM : Indoor Fan Motor

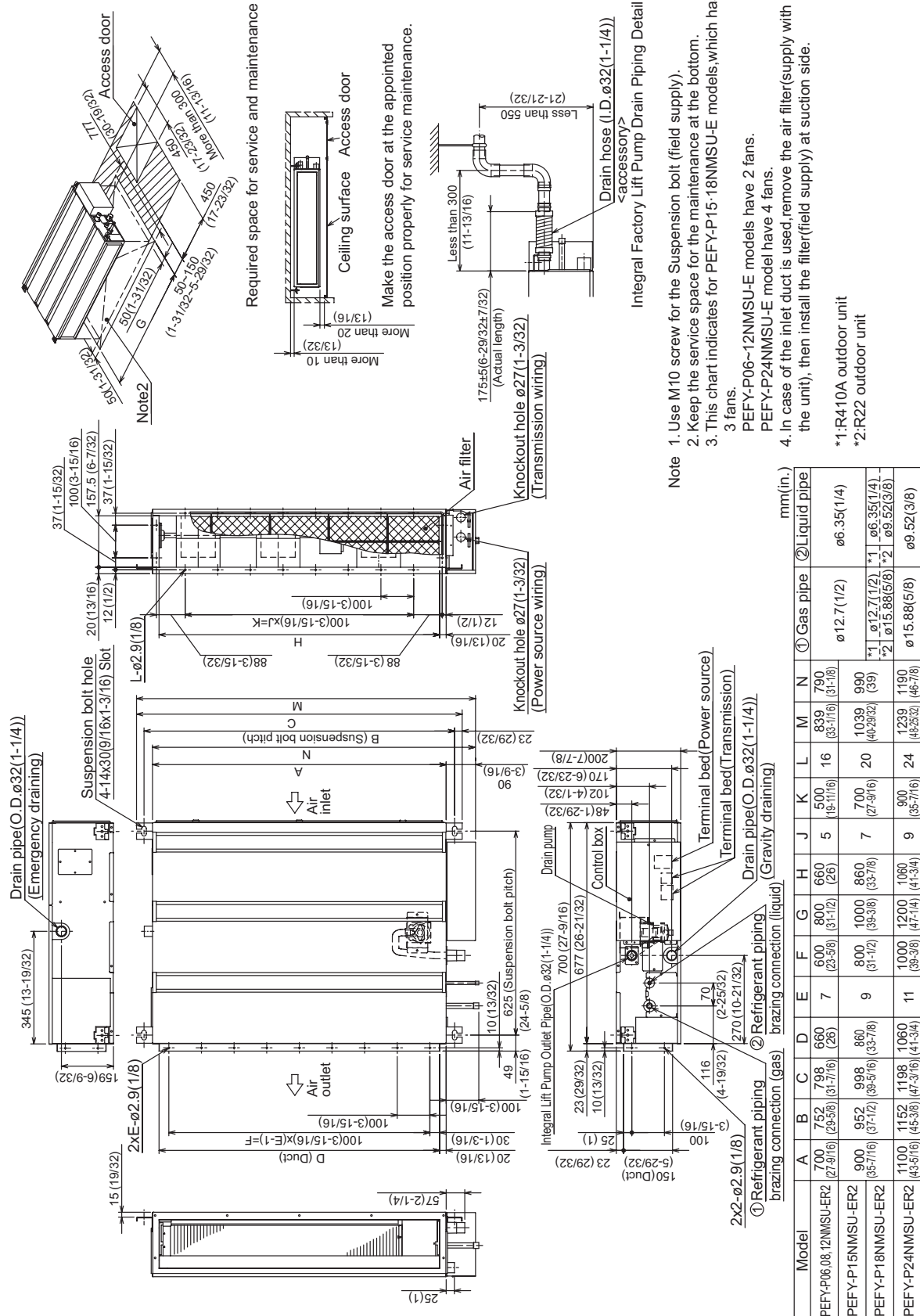
Model	Indoor Unit				IFM
	Hz	Volts	Voltage range	MCA(A)	FLA(A)
PEFY-P06NMAU-E3	60Hz	208 / 230V	188 to 253V	1.05 / 1.05	0.84 / 0.84
PEFY-P08NMAU-E3				1.05 / 1.05	0.84 / 0.84
PEFY-P12NMAU-E3				1.20 / 1.20	0.96 / 0.96
PEFY-P15NMAU-E3				1.45 / 1.45	1.16 / 1.16
PEFY-P18NMAU-E3				1.56 / 1.56	1.25 / 1.25
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				3.32 / 3.32	2.66 / 2.66
PEFY-P48NMAU-E3				3.41 / 3.41	2.73 / 2.73
PEFY-P54NMAU-E3				3.31 / 3.31	2.65 / 2.65
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-E2				1.63 / 1.50	1.30 / 1.20
PEFY-P18NMHU-E2				1.63 / 1.50	1.30 / 1.20
PEFY-P24NMHU-E2				2.11 / 1.83	1.69 / 1.46
PEFY-P27NMHU-E2				2.35 / 2.13	1.88 / 1.70
PEFY-P30NMHU-E2				2.70 / 2.45	2.16 / 1.96
PEFY-P36NMHU-E2				4.16 / 3.67	3.32 / 2.94
PEFY-P48NMHU-E2				4.16 / 3.67	3.32 / 2.94
PEFY-P54NMHU-E2				4.18 / 3.69	3.34 / 2.95
PEFY-P72NMHSU-E			187 to 253V	7.7	6.2
PEFY-P96NMHSU-E				8.2	6.6

2. EXTERNAL DIMENSIONS

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

Ref.: PEFY_NMSU-ER2_EXD_USDB_ALL

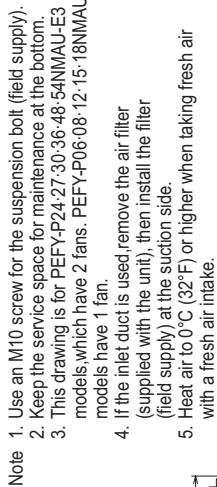
Unit : mm(in)



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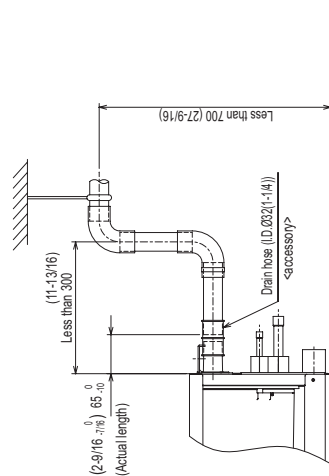
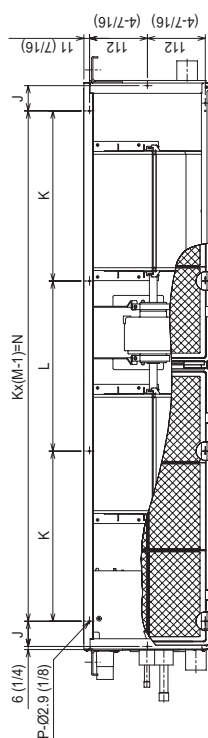
PEFY-P-NMSU-ER2,-NMAU-E3,-NMHU-E2,-NMHSU-E (July 2015)

PEFY-13



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

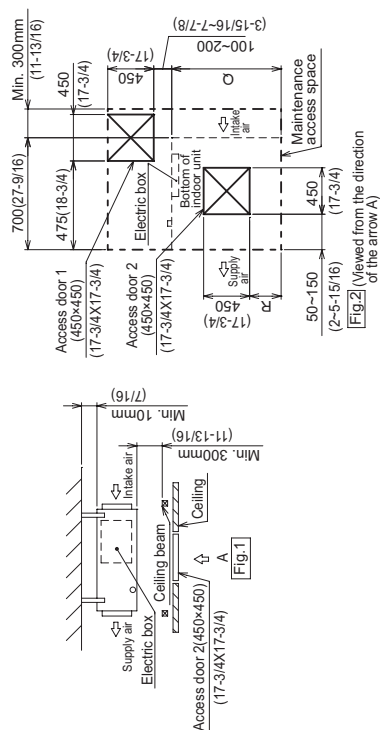
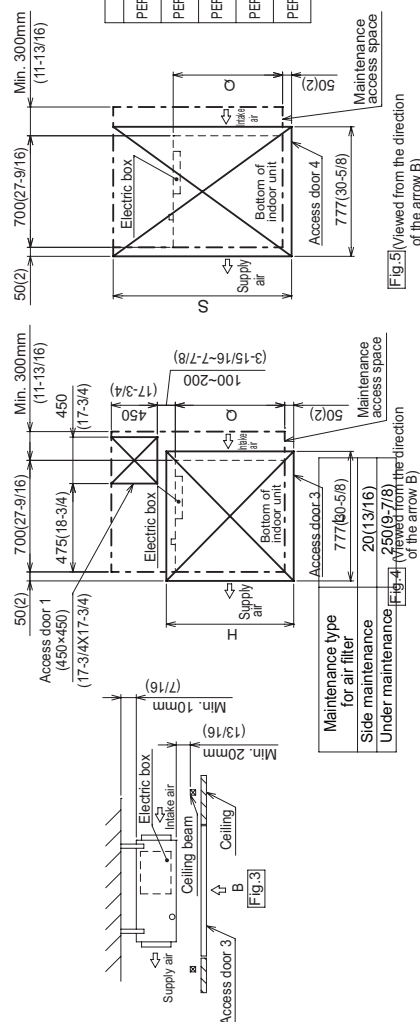
Unit : mm(in.)



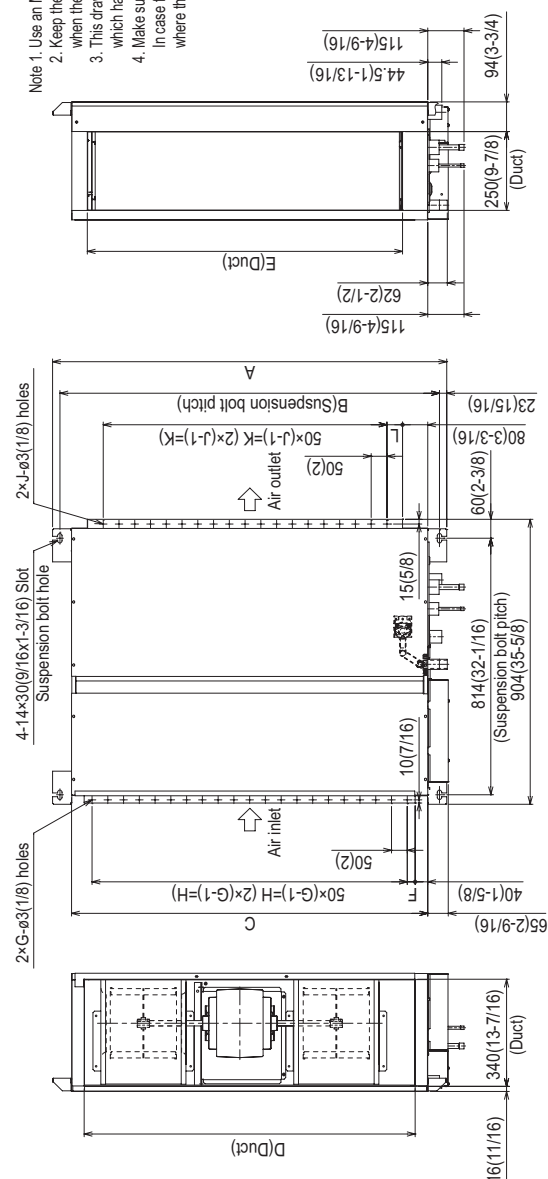
Model	H	J	K	L	M	N	P	Q	R	S
PEFY-P06,08,12,NNIALE3	800 (31-12)	44 (5-14)	150 (5-15)	300 (11-13)			10 (27-36)	707 (5-15)	50-150 (5-15)	1300 (5-16)
PEFY-P15,18,NNIALE3	1000 (38-38)	54 (2-3)	260 (10-14)		4	700 (0-34)	900 (35-716)	900 (5-15)	150-250 (5-15)	1500 (5-16)
PEFY-P24,27,30,NNIALE3	1200 (47-14)	49 (1-16)	330 (13-13)			990 (39)	1100 (43-36)	1100 (9-78)	150-250 (3-13)	1700 (66-1516)
PEFY-P36,48,NNIALE3	1500 (58-116)	54 (2-56)	320 (12-56)		5	1280 (0-716)	1480 (85-116)	1480 (15-34)	400-500 (19-116)	2000 (78-34)
PEFY-P55,NNIALE3	1700 (66-1516)	54 (2-316)	370 (14-58)		5	1480 (58-516)	1630 (19-116)	1630 (19-116)	500-500 (2-58)	2200 (86-58)

Maintenance access space]
Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and electric box in one of the following ways.
Select an installation site for the indoor unit so that it's maintenance access space will not be obstructed by beams or other objects.

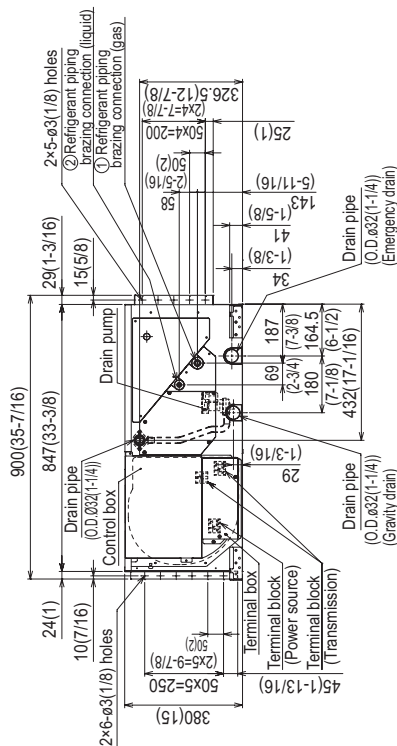
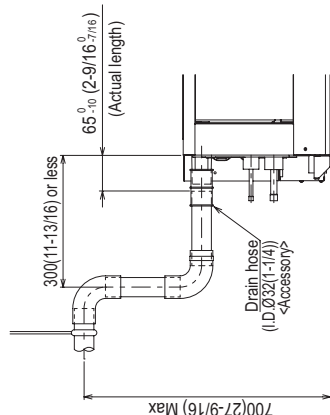
- (1) When a space of 300mm or more is available below the unit between the unit and the ceiling, (Fig.1)
- Create access door 1 and 2 (450x450mm each) as shown in Fig.2.
- (2) (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)
- When a space of less than 300mm is available below the unit between the unit and the ceiling.
- (At least 20mm of space should be left below the unit as shown in Fig.3.)
- Create access door 1 diagonally below the electric box and access door 3 below the unit as shown in Fig.4.
- or
- Create access door 4 below the electric box and the unit as shown in Fig.5.



Unit: mm(in)



1. Use an M10 screw for the suspension bolt (field supply).
2. Keep the service space for the maintenance from the bottom when the heat exchanger is cleaned.
3. This drawing is for PEFY-P27-30-38-48-54NHHU-E2 models, which have 2 fans PEFY-P15-18-24NHHU-E2 models have 1 fan.
4. Make sure to install the air filter (field supply) on the air intake side. In case field supplied air filter is used, attach it where the filter service is easily done.

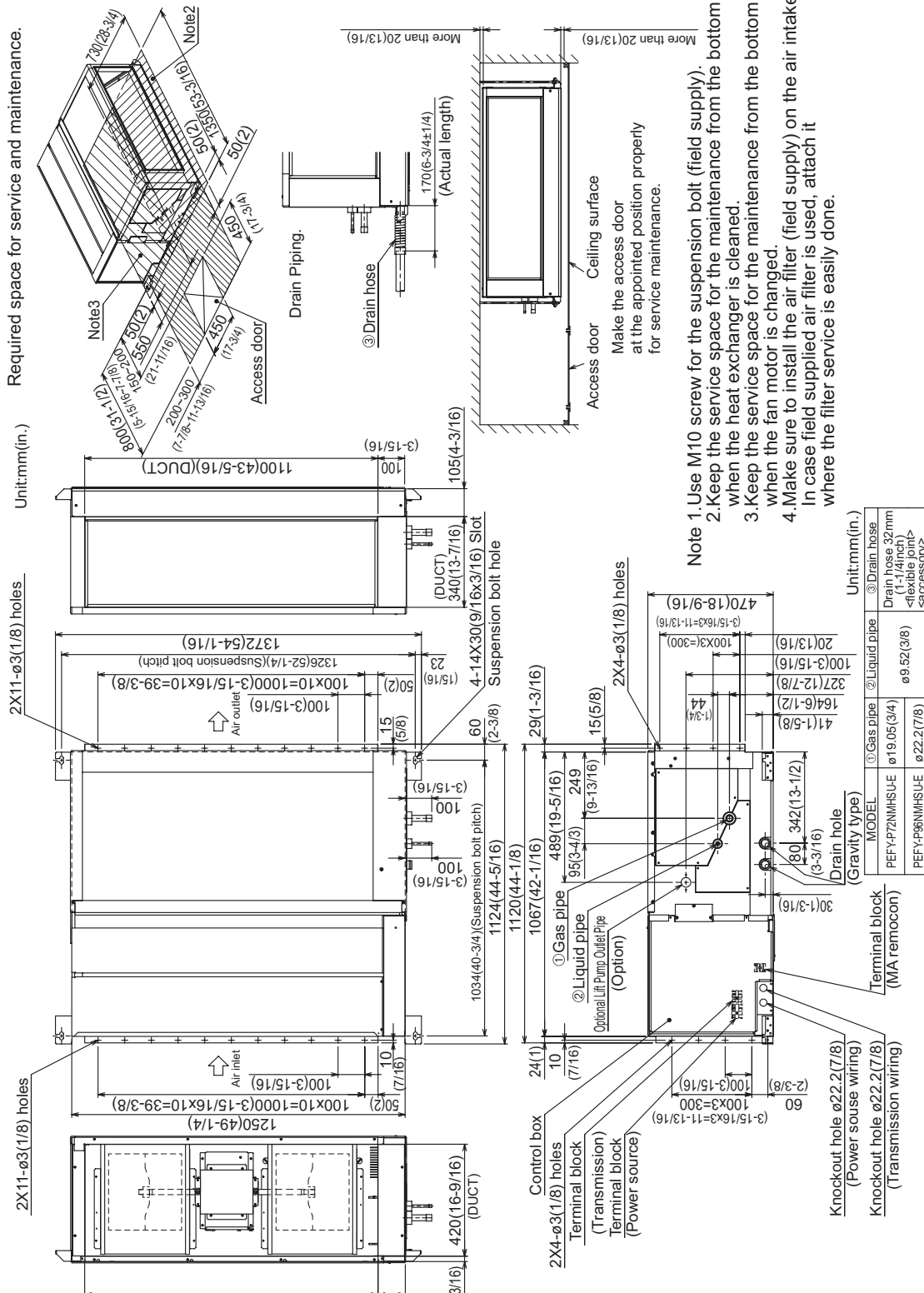


Model	A	B	C	D	E	F	G	H	J	K	L	① Gas pipe ø12 (1/2)	② Liquid pipe ø16 (1/4)
PEFY-P15-18MMHUE2	800 (31-12)	754 (29-11/6)	680 (26-13/16)	600 (23-5/8)	550 (21-11/16)	50 (2)	11	500 (19-11/16)	10 (1)	450 (17-3/4)	50 (2)	ø12 (1/2)	ø6-35 (1/4)
PEFY-P20MMHUE2	1085	1039	965	885	835	42.5	17	800 (31-1/2)	15 (1)	700 (27-9/16)	67 (2-11/16)	ø15.88 (5/8)	ø9.52 (3/8)
PEFY-P27-30MMHUE2	1423	1341	1254	1130	1050	1000	25	1000 (39-1/8)	19 (1)	900 (35-3/8)	87 (2)	ø19.05 (3/4)	ø12.7 (1/2)
PEFY-P36-48-54MMHUE2	17250	16204	15024	13830	12900	12500	25	1000 (39-1/8)	19 (1)	900 (35-3/8)	87 (2)	ø19.05 (3/4)	ø12.7 (1/2)

2. EXTERNAL DIMENSIONS

PEFY-P72,96NMHSU-E

Unit : mm(in.)

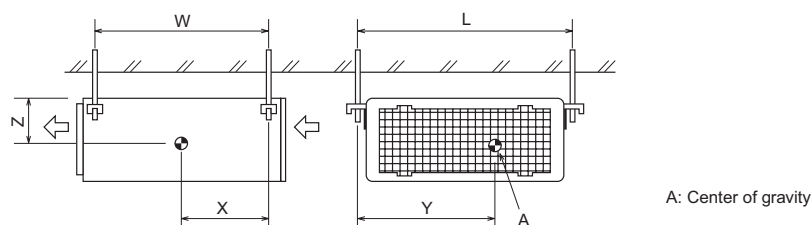


3. CENTER OF GRAVITY

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

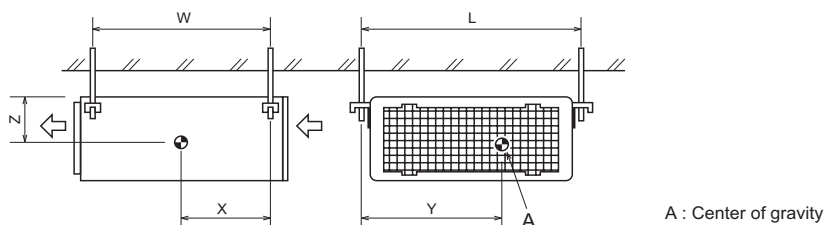
Ref.: PEFY_NMSU-ER2_EXD_USDB_ALL

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]

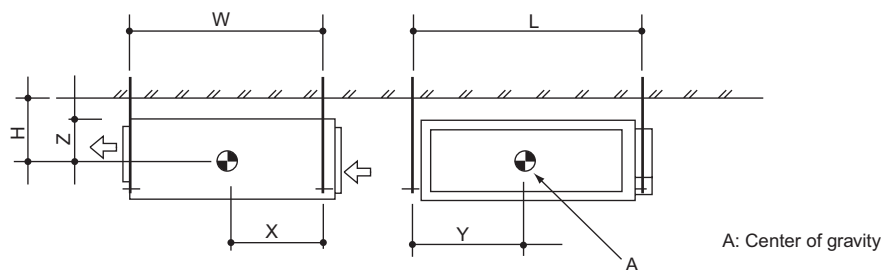
PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E3



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, 54NMHU-E2
PEFY-P72, 96NMHSU-E



(mm)[in]

Model name	W	L	H	X	Y	Z
PEFY-P15NMHU-E2	814 [32-1/16]	754 [29-11/16]	210 [8-5/16]	374 [14-3/4]	440 [17-3/8]	190 [7-1/2]
PEFY-P18NMHU-E2	814 [32-1/16]	754 [29-11/16]	210 [8-5/16]	374 [14-3/4]	440 [17-3/8]	190 [7-1/2]
PEFY-P24NMHU-E2	814 [32-1/16]	754 [29-11/16]	210 [8-5/16]	374 [14-3/4]	440 [17-3/8]	190 [7-1/2]
PEFY-P27NMHU-E2	814 [32-1/16]	1039 [40-15/16]	210 [8-5/16]	364 [14-3/8]	548 [21-5/8]	190 [7-1/2]
PEFY-P30NMHU-E2	814 [32-1/16]	1039 [40-15/16]	210 [8-5/16]	364 [14-3/8]	548 [21-5/8]	190 [7-1/2]
PEFY-P36NMHU-E2	814 [32-1/16]	1204 [47-7/16]	210 [8-5/16]	364 [14-3/8]	649 [25-9/16]	190 [7-1/2]
PEFY-P48NMHU-E2	814 [32-1/16]	1204 [47-7/16]	210 [8-5/16]	364 [14-3/8]	649 [25-9/16]	190 [7-1/2]
PEFY-P54NMHU-E2	814 [32-1/16]	1204 [47-7/16]	210 [8-5/16]	364 [14-3/8]	649 [25-9/16]	190 [7-1/2]
PEFY-P72NMHSU-E	1034 [40-3/4]	1326 [52-1/4]	255 [10-1/16]	462 [18-1/4]	660 [26]	235 [9-5/16]
PEFY-P96NMHSU-E	1034 [40-3/4]	1326 [52-1/4]	255 [10-1/16]	462 [18-1/4]	660 [26]	235 [9-5/16]

INSIDE SECTION OF CONTROL BOX

The diagram illustrates the internal wiring of a control box. Key components include:

- A.B.**: Address board at the top left with terminals SW5, SW1, SW12, SW11, SWC, SW14, and CN82.
- I.B.**: Indoor controller board below A.B. with terminals CN32, CN91, CN92, CN93A, CN94, CN95, CN96, CN97, CN98, CN99, CN100, CN101, CN102, CN103, CN104, CN105, CN106, CN107, CN108, CN109, CN110, CN111, CN112, CN113, CN114, CN115, CN116, CN117, CN118, CN119, CN120.
- FUSE**: Fuses labeled ZNR01, ZNR02, ZNR03, ZNR04, ZNR05, ZNR06, ZNR07, ZNR08, ZNR09, ZNR10, ZNR11, ZNR12, ZNR13, ZNR14, ZNR15, ZNR16, ZNR17, ZNR18, ZNR19, ZNR20.
- PULL BOX**: Located at the bottom right.
- BREAKER (15A)**: A circuit breaker symbol.
- POWER SUPPLY ~208V/230V 60Hz**: Input power source.
- Note**: If using gravity drain, unplug pump connector.
- TO NEXT INDOOR UNIT**, **TO MA REMOTE BC CONTROLLER**, **TO MA REMOTE REMOTE CONTROLLER**, **TO OUTDOOR UNIT**: Various output connections.
- Drain pump**, **Fan motor**, **Motor**: Connected to specific terminals.
- TH21**, **FS**, **LEV**: Other electrical symbols.

NOTE:

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

SYMBOL EXPLANATION

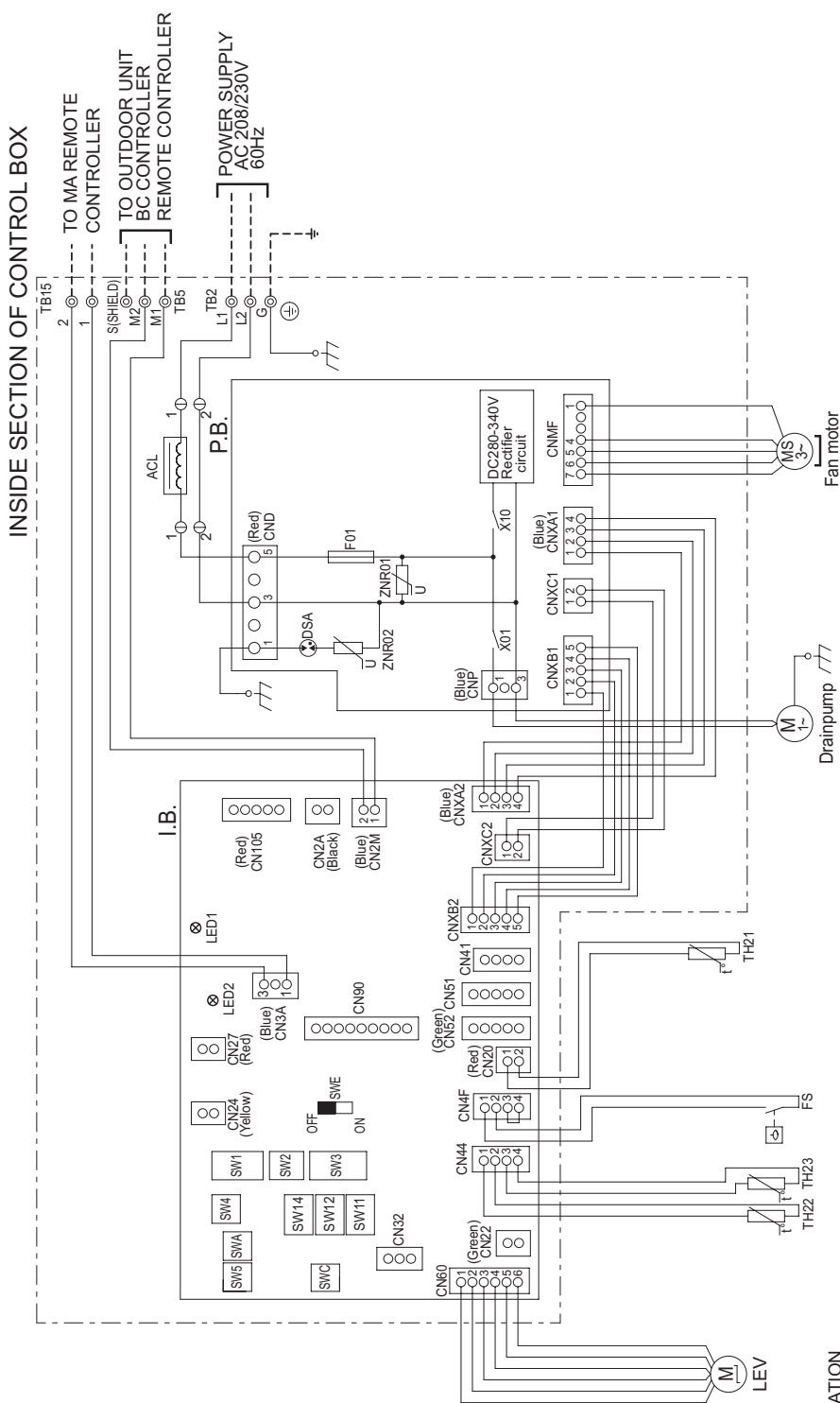
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	CN32	Connector (Remote switch)	SW3(LB.)	Switch (for mode selection)
A.B.	Address board	CN41	Connector (HA terminal-A)	SW4(LB.)	Switch (for model selection)
TB2	Power source terminal bed	CN51	Connector (Centrally control)	SWE(LB.)	Connector (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	Floor switch	SW11(A.B.)	Switch (1st digit address set)
ZNR01..02	Variator	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 (pipng temp.detection/gas)	SWB(A.B.)	Switch (for model selection)
CN27	Connector (Damper)	SW2(LB.)	Switch (for capacity code)	SWC(A.B.)	Switch (for static pressure selection)

CONTROL BOX PARTS LOCATION

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	Arresiter	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)	SW2U(B.)	Switch (for capacity, cord)	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



NOTE: 1. Symbols used in wiring diagram above are,
 ○ : Connector
 ◎ : Terminal
 ----- (Heavy dotted line): Field wiring
 2. Use copper supply wires.

SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	CN27	Connector (Damper)	SW2 (I.B.)	Switch (for capacity code)
P.B.	Power supply board	CN32	Connector (Remote switch)	SW3 (I.B.)	Switch (for mode selection)
TB2	Power source terminal block	CN41	Connector (HA terminal-A)	SW4 (I.B.)	Switch (for model selection)
TB5	Transmission terminal block	CN51	Connector (Centrally control)	SW5 (I.B.)	Switch (for mode selection)
TB15	Transmission terminal block	CN52	Connector (Remote indication)	SW11 (I.B.)	Switch (1's digit address set)
F01	Fuse AC250V 6.3A	CN90	Connector (Wireless)	SW12 (I.B.)	Switch (10ths digit address set)
ZNR01,02	Varistor	CN105	Connector (IT terminal)	SW14 (I.B.)	Switch (connection No.set)
DSA	Arrester	CN2A	Connector (0-10V Analog Input)	SWA (I.B.)	Switch (for static pressure selection)
X01	Aux. relay	FS	Float switch	SWC (I.B.)	Switch (for emergency selection)
X10	Aux. relay	TH21	Thermistor (inlet air temp.detection)	SWE (I.B.)	Connector (emergency operation)
ACL	AC reactor (Power factor improvement)	TH22	Thermistor (piping temp.detection/liquid)	LED1	LED (Power supply)
CN22	Connector (Fan control)	TH23	Thermistor (piping temp.detection/gas)	LED2	LED (Remote controller supply)
CN24	Connector (Heater control)	SW1 (I.B.)	Switch (for mode selection)		

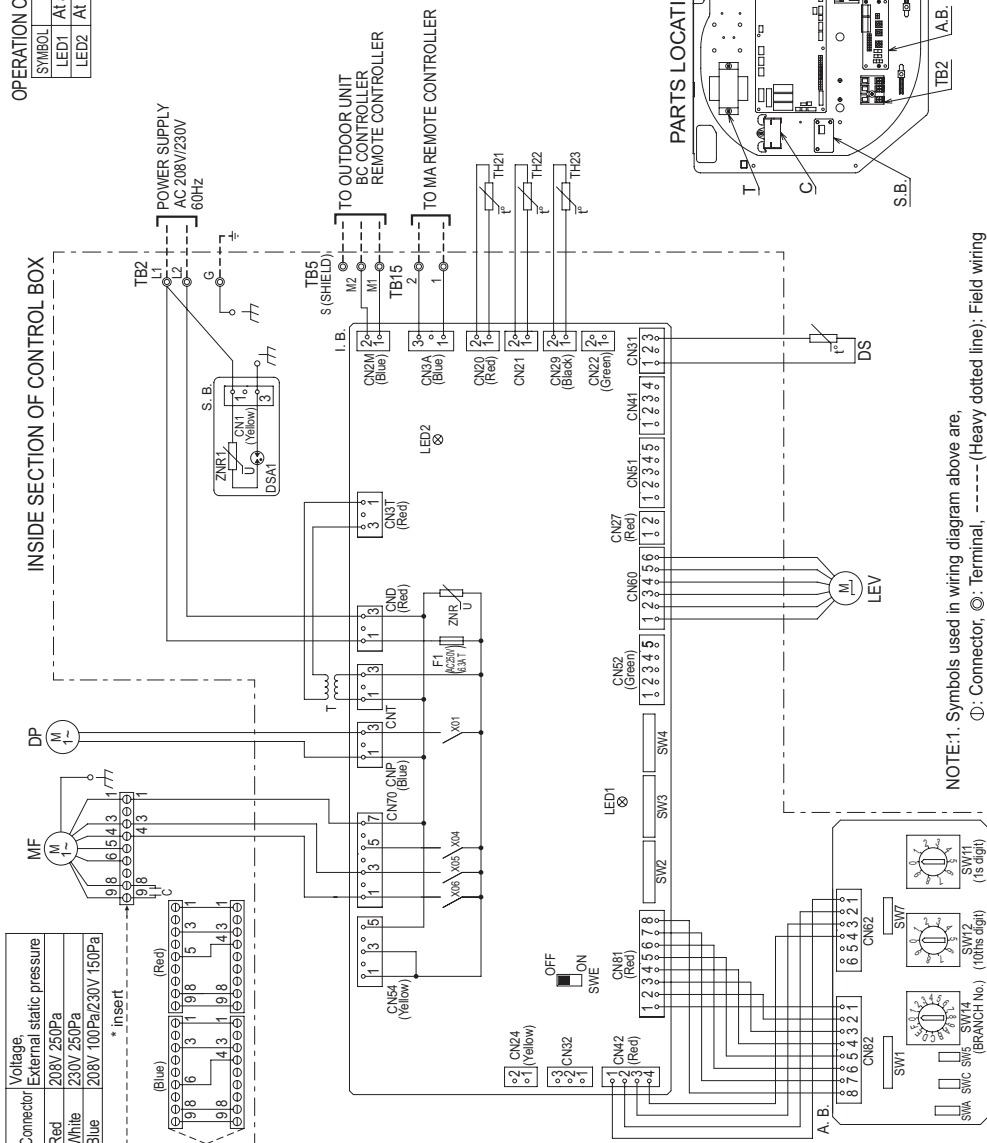
4. ELECTRICAL WIRING DIAGRAMS

PEFY-P15, 18, 24, 27, 30, 36, 48, 54NMHU-E2

OPERATION OF LED FOR INDOOR CIRCUIT BOARD SERVICE

SYMBOL	LED operation under normal state
LED1	At applying main power source → Lighting
LED2	At receiving MA transmission power source → Lighting

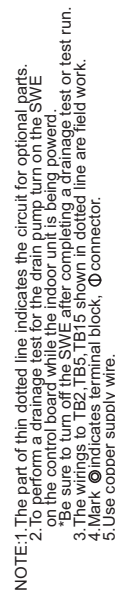
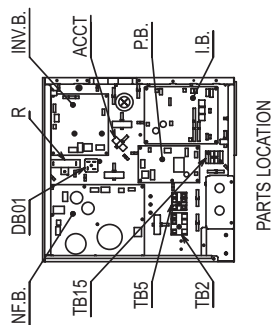
SYMBOL	NAME
MF	Fan motor
LB	Indoor controller board
A.B.	Address board
S.B.	Surge absorber board
TB2	Power source terminal block
TB5	Transmission terminal block
TB15	Terminal block (10ths digit)
F1	Fuse AC250V 6.3A/1
ZNR ZNR1	Varistor
DSA1	Arrester
DP	Transformer
DS	Drain pump
DS	Drain sensor
DS	Drain switch
X01 X04-X08	Aux. relay
LEV	Electronic linear expan valve
TH21	Thermistor (inlet air temp. detection)
TH22	Thermistor (piping temp. detection/liquid)
TH23	Thermistor (piping temp. detection/gas)
SW1(A, B)	Switch (16 digit address set)
SW12(A, B)	Switch (10ths digit address set)
SW14(A, B)	Switch (BRANCH No. set)
SW1(A, B)	Switch (for mode selection)
SW2(L, B)	Switch (for capacity code)
SW3(L, B)	Switch (for mode selection)
SW4(L, B)	Switch (for model selection)
SW5(A, B)	Switch (for model selection)
SW6(A, B)	Switch (for model selection)
SW7(A, B)	Switch (for model selection)
SW8(A, B)	Switch (for model selection)
SW9(A, B)	Switch (for model selection)
SW10(A, B)	Switch (for model selection)
SW11(A, B)	Switch (for model selection)
SW12(A, B)	Switch (for model selection)
SW13(A, B)	Switch (for model selection)
SW14(A, B)	Switch (for model selection)
SW15(A, B)	Switch (for model selection)
SW16(A, B)	Switch (for model selection)
SW17(A, B)	Switch (for model selection)
SW18(A, B)	Switch (for model selection)
SW19(A, B)	Switch (for model selection)
SW20(A, B)	Switch (for model selection)
SW21(A, B)	Switch (for model selection)
SW22(A, B)	Switch (for model selection)
SW23(A, B)	Switch (for model selection)
SW24(A, B)	Switch (for model selection)
SW25(A, B)	Switch (for model selection)
SW26(A, B)	Switch (for model selection)
SW27(A, B)	Switch (for model selection)
SW28(A, B)	Switch (for model selection)
SW29(A, B)	Switch (for model selection)
SW30(A, B)	Switch (for model selection)
SW31(A, B)	Switch (for model selection)
SW32(A, B)	Switch (for model selection)
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SW61(A, B)	Switch (for model selection)
SW62(A, B)	Switch (for model selection)
SW63(A, B)	Switch (for model selection)
SW64(A, B)	Switch (for model selection)
SW65(A, B)	Switch (for model selection)
SW66(A, B)	Switch (for model selection)
SW67(A, B)	Switch (for model selection)
SW68(A, B)	Switch (for model selection)
SW69(A, B)	Switch (for model selection)
SW70(A, B)	Switch (for model selection)
SW71(A, B)	Switch (for model selection)
SW72(A, B)	Switch (for model selection)
SW73(A, B)	Switch (for model selection)
SW74(A, B)	Switch (for model selection)
SW75(A, B)	Switch (for model selection)
SW76(A, B)	Switch (for model selection)
SW77(A, B)	Switch (for model selection)
SW78(A, B)	Switch (for model selection)
SW79(A, B)	Switch (for model selection)
SW80(A, B)	Switch (for model selection)
SW81(A, B)	Switch (for model selection)
SW82(A, B)	Switch (for model selection)
SW83(A, B)	Switch (for model selection)
SW84(A, B)	Switch (for model selection)
SW85(A, B)	Switch (for model selection)
SW86(A, B)	Switch (for model selection)
SW87(A, B)	Switch (for model selection)
SW88(A, B)	Switch (for model selection)
SW89(A, B)	Switch (for model selection)
SW90(A, B)	Switch (for model selection)
SW91(A, B)	Switch (for model selection)
SW92(A, B)	Switch (for model selection)
SW93(A, B)	Switch (for model selection)
SW94(A, B)	Switch (for model selection)
SW95(A, B)	Switch (for model selection)
SW96(A, B)	Switch (for model selection)
SW97(A, B)	Switch (for model selection)
SW98(A, B)	Switch (for model selection)
SW99(A, B)	Switch (for model selection)
SW100(A, B)	Switch (for model selection)



NOTE:1. Symbols used in wiring diagram above are,
 ①: Connector, ②: Terminal, ----- (Heavy dotted line): Field wiring
 2. To perform a drainage test for the drain pump turn on the SWE on the control board while the indoor unit is being powered.
 * Be sure to turn off the SWE after completing a drainage test or test run.
 3. Use copper supply wire.

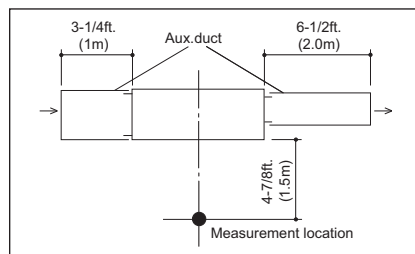
PEFY-P72,96NMHSU-E

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)

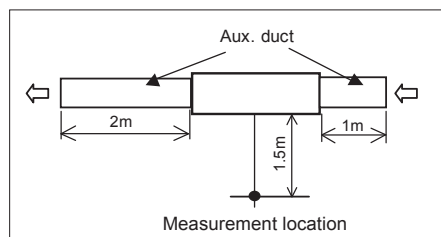
Model		Sound pressure level (A weighted)
PEFY-P15,P18NMHU-E2	208V	39 - 45
	230V	39 - 45
PEFY-P24NMHU-E2	208V	40 - 46
	230V	40 - 46
PEFY-P27,P30NMHU-E2	208V	38 - 44
	230V	38 - 44
PEFY-P36,P48NMHU-E2	208V	40 - 46
	230V	40 - 46
PEFY-P54NMHU-E2	208V	41 - 47
	230V	41 - 47

(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



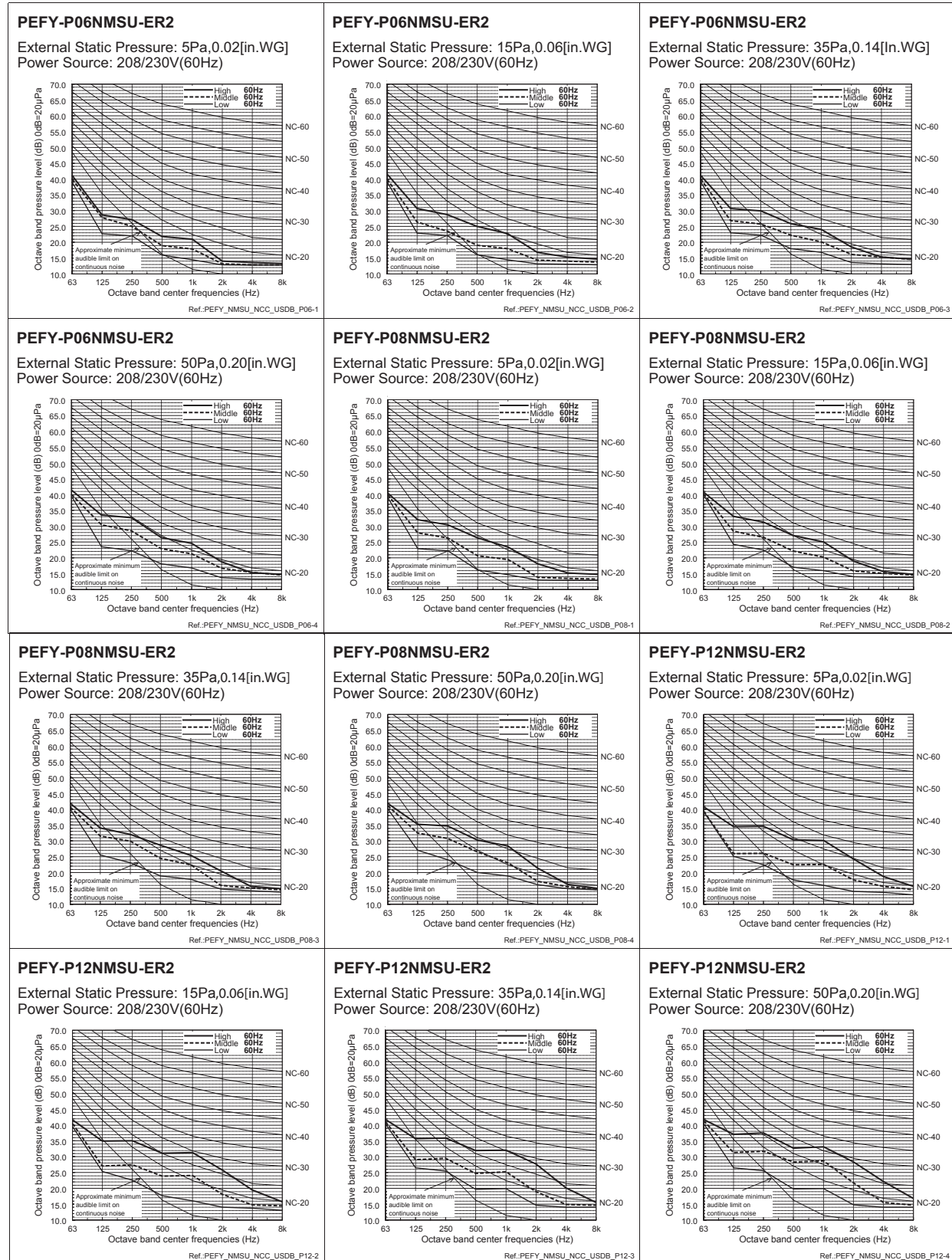
* Measured in anechoic room.

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

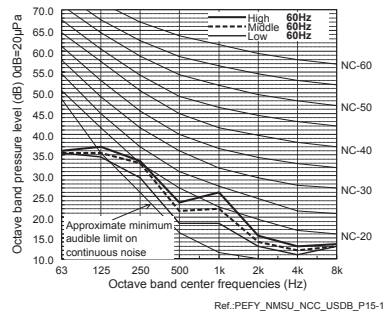
5-2. NC Curves



5. SOUND PRESSURE LEVELS

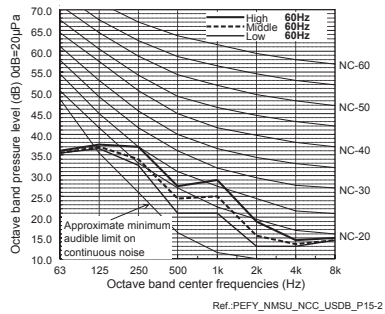
PEFY-P15NMSU-ER2

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



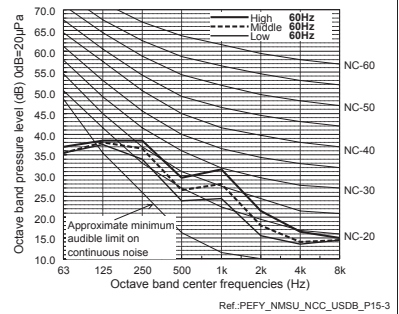
PEFY-P15NMSU-ER2

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



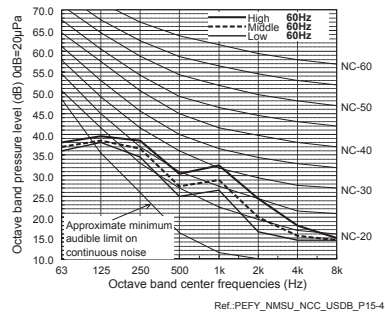
PEFY-P15NMSU-ER2

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



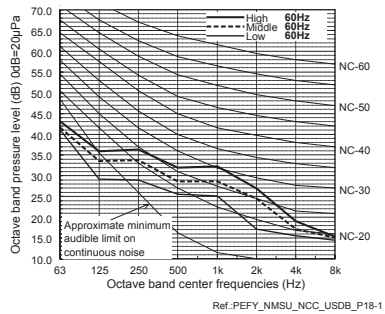
PEFY-P15NMSU-ER2

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



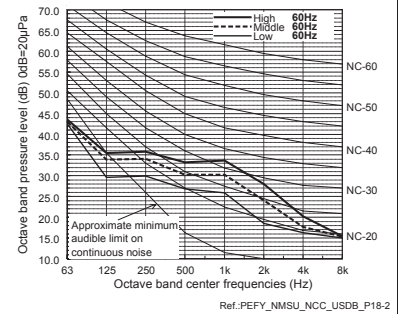
PEFY-P18NMSU-ER2

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



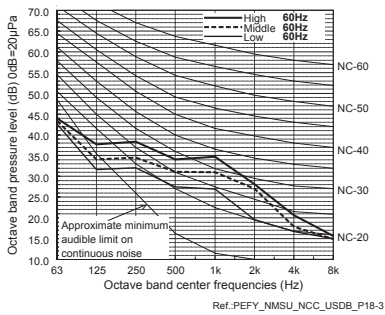
PEFY-P18NMSU-ER2

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



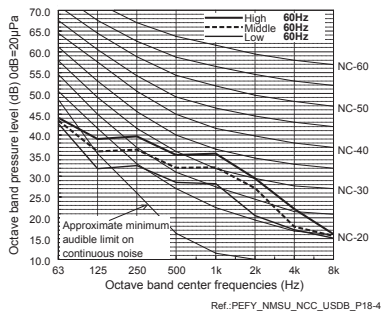
PEFY-P18NMSU-ER2

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



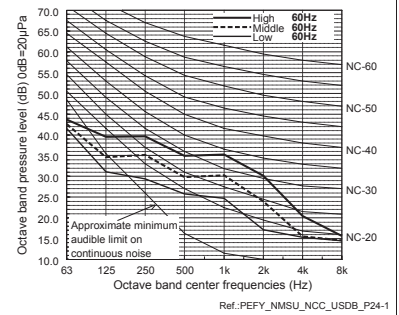
PEFY-P18NMSU-ER2

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



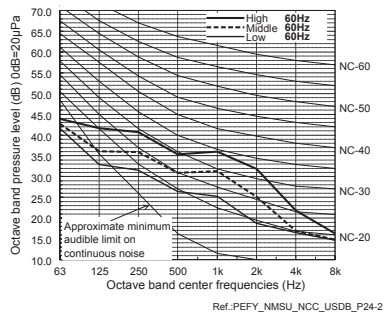
PEFY-P24NMSU-ER2

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



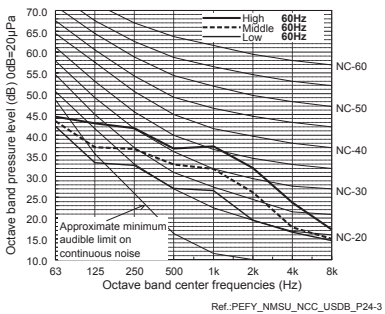
PEFY-P24NMSU-ER2

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



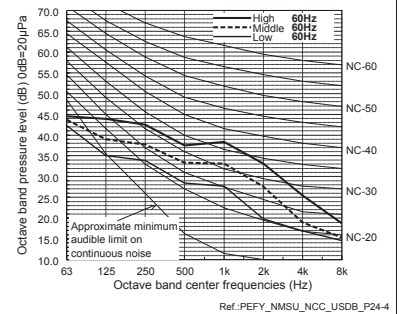
PEFY-P24NMSU-ER2

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



PEFY-P24NMSU-ER2

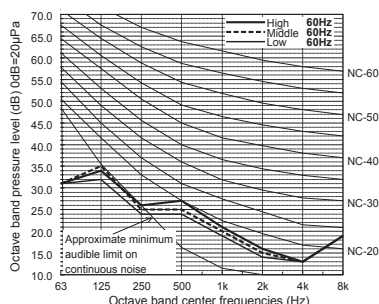
External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208/230V(60Hz)



5. SOUND PRESSURE LEVELS

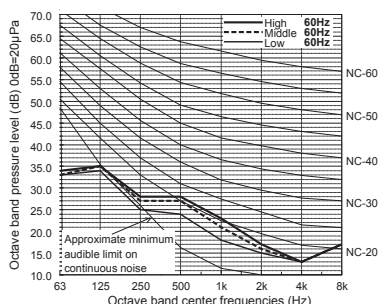
PEFY-P06,08NMAU-E3

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



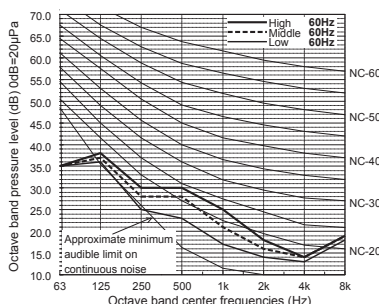
PEFY-P06,08NMAU-E3

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



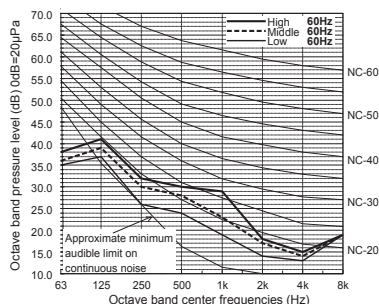
PEFY-P06,08NMAU-E3

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



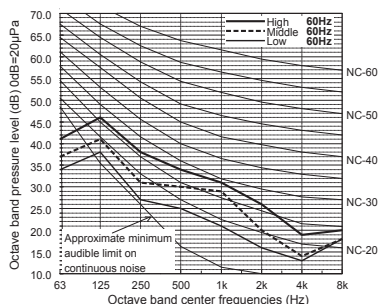
PEFY-P06,08NMAU-E3

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



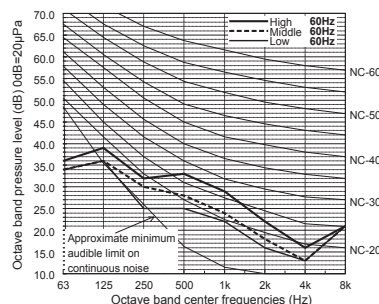
PEFY-P06,08NMAU-E3

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



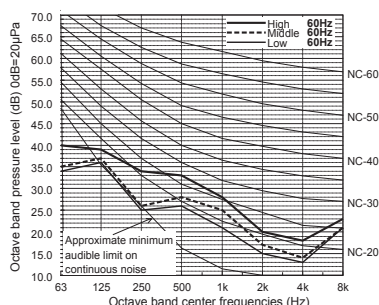
PEFY-P12NMAU-E3

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



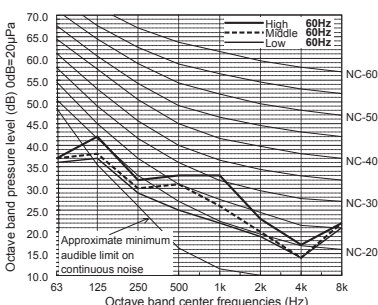
PEFY-P12NMAU-E3

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



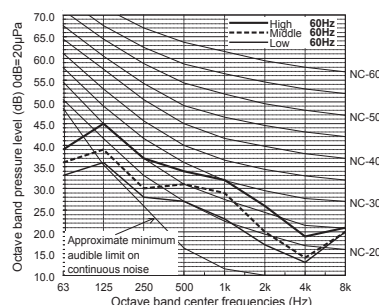
PEFY-P12NMAU-E3

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



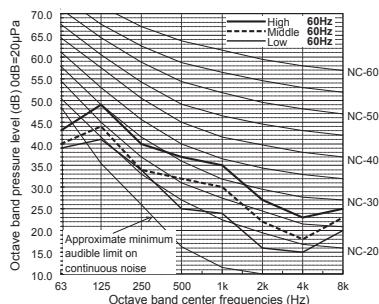
PEFY-P12NMAU-E3

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



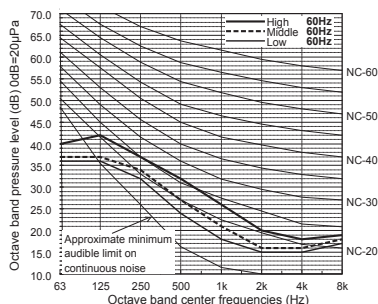
PEFY-P12NMAU-E3

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



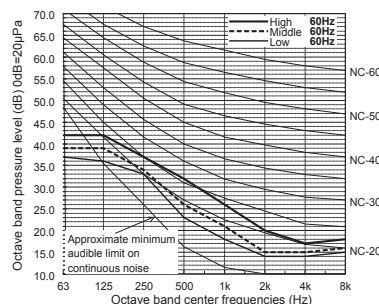
PEFY-P15NMAU-E3

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



PEFY-P15NMAU-E3

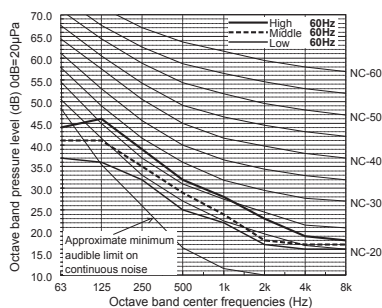
External Static Pressure: 50Pa [0.20 in.WG]
Power Source: 208-230V(60Hz)



5. SOUND PRESSURE LEVELS

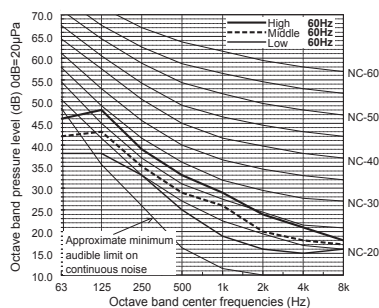
PEFY-P15NMAU-E3

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



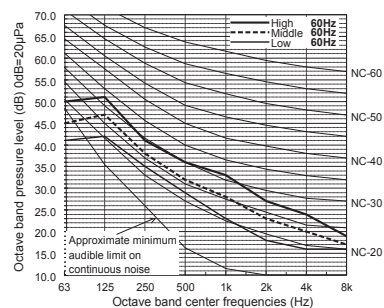
PEFY-P15NMAU-E3

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



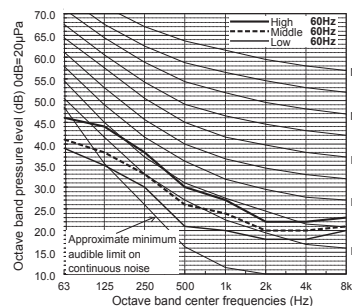
PEFY-P15NMAU-E3

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



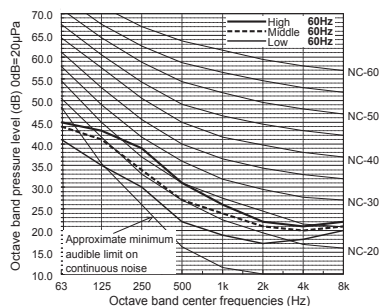
PEFY-P18NMAU-E3

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



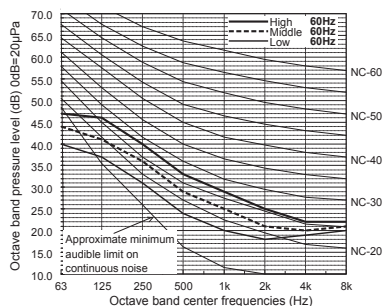
PEFY-P18NMAU-E3

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



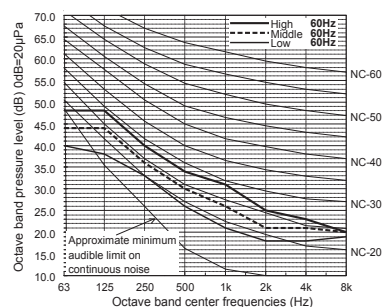
PEFY-P18NMAU-E3

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



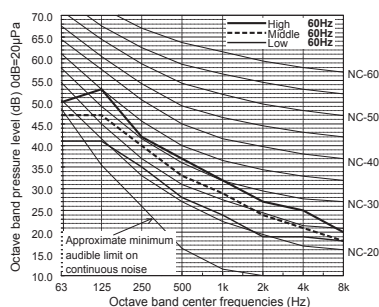
PEFY-P18NMAU-E3

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



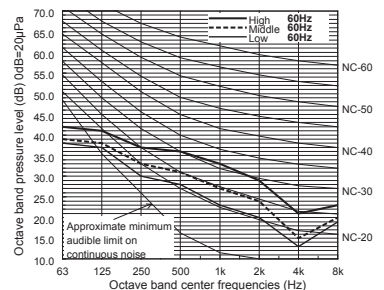
PEFY-P18NMAU-E3

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



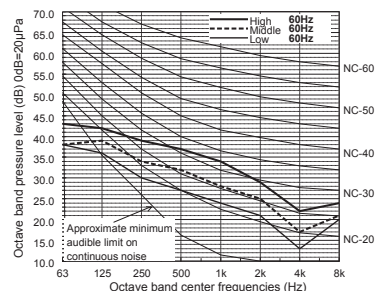
PEFY-P24,27,30NMAU-E3

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



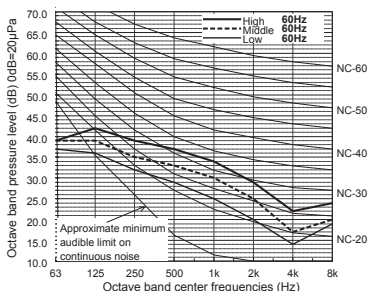
PEFY-P24,27,30NMAU-E3

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



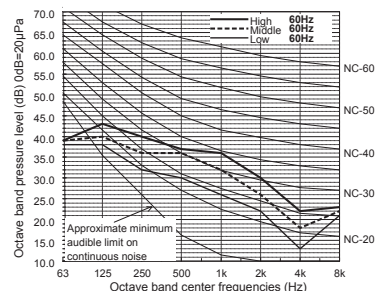
PEFY-P24,27,30NMAU-E3

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



PEFY-P24,27,30NMAU-E3

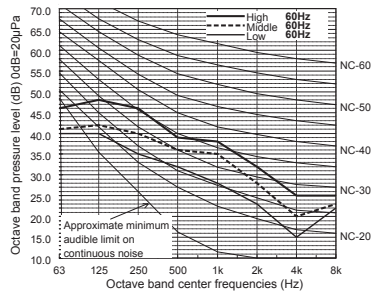
External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 208-230V(60Hz)



5. SOUND PRESSURE LEVELS

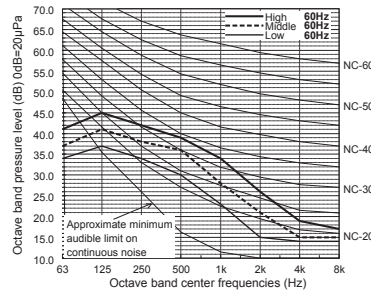
PEFY-P24,27,30NMAU-E3

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



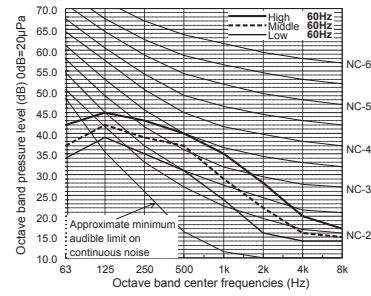
PEFY-P36NMAU-E3

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



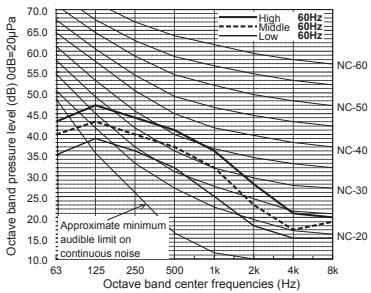
PEFY-P36NMAU-E3

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



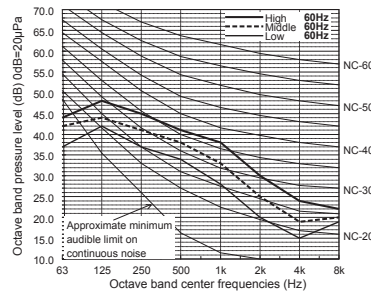
PEFY-P36NMAU-E3

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



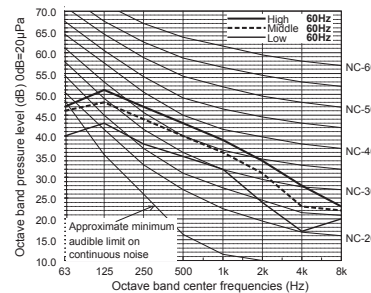
PEFY-P36NMAU-E3

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



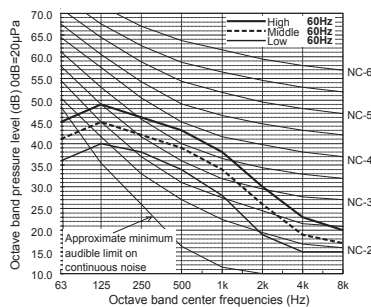
PEFY-P36NMAU-E3

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



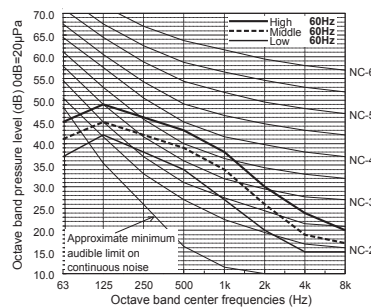
PEFY-P48NMAU-E3

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



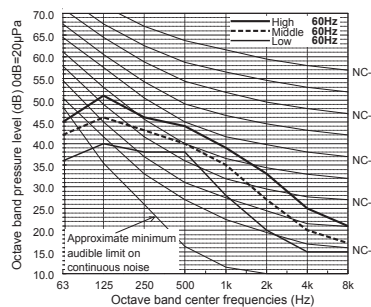
PEFY-P48NMAU-E3

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



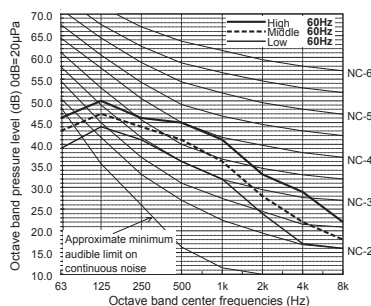
PEFY-P48NMAU-E3

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



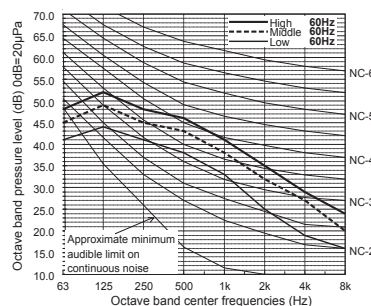
PEFY-P48NMAU-E3

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



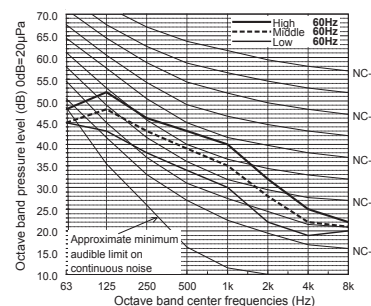
PEFY-P48NMAU-E3

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



PEFY-P54NMAU-E3

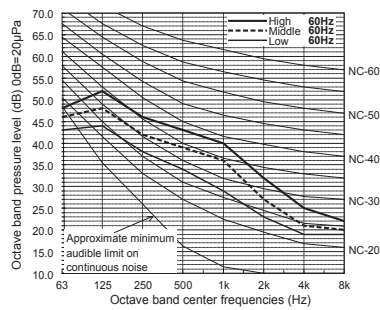
External Static Pressure: 35Pa [0.14 in.WG]
Power Source: 208-230V(60Hz)



5. SOUND PRESSURE LEVELS

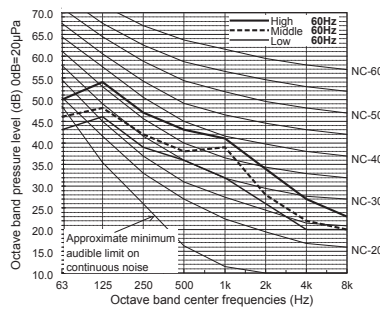
PEFY-P54NMAU-E3

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



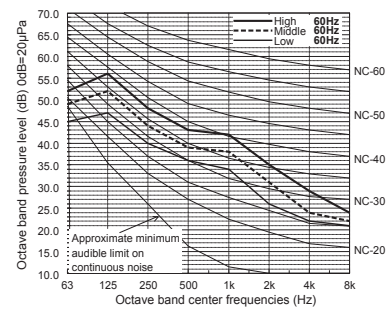
PEFY-P54NMAU-E3

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



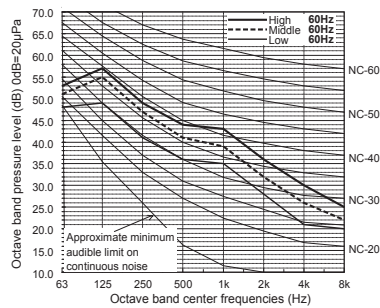
PEFY-P54NMAU-E3

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



PEFY-P54NMAU-E3

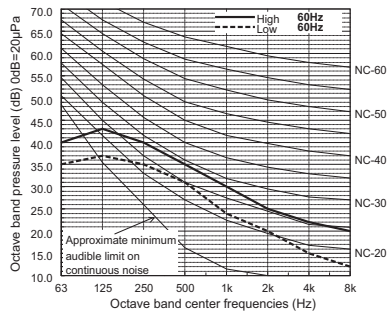
External Static Pressure: 150Pa [0.60 in.WG]
Power Source: 208-230V(60Hz)



5. SOUND PRESSURE LEVELS

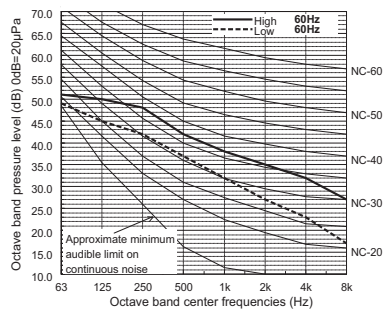
PEFY-P15NMHU-E2

External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 208V/60Hz



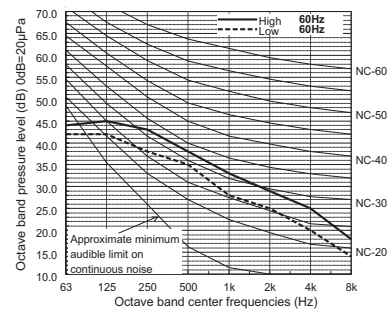
PEFY-P15NMHU-E2

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 208V/60Hz



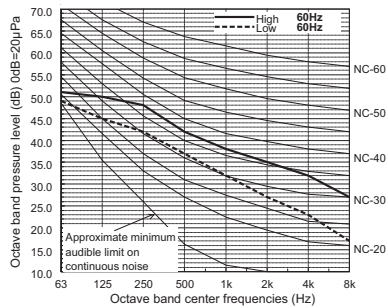
PEFY-P15NMHU-E2

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



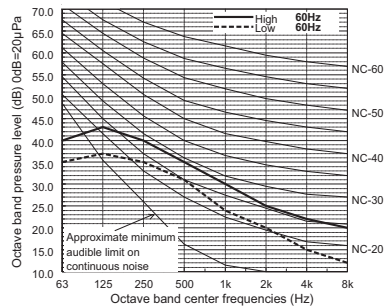
PEFY-P15NMHU-E2

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 230V/60Hz



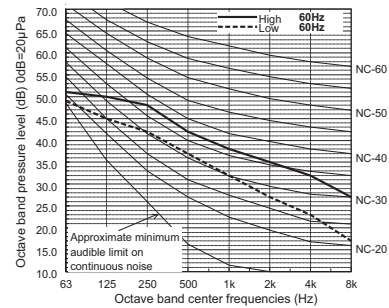
PEFY-P18NMHU-E2

External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 208V/60Hz



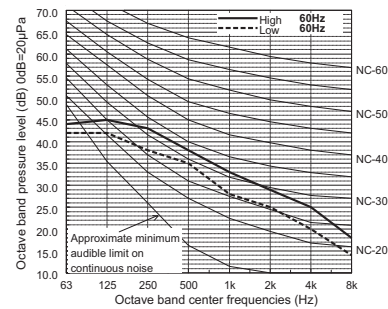
PEFY-P18NMHU-E2

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 208V/60Hz



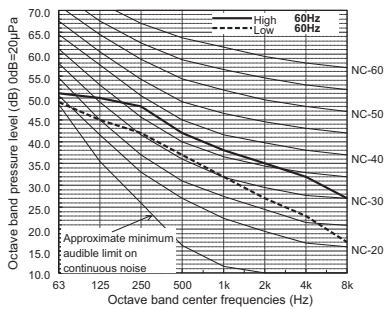
PEFY-P18NMHU-E2

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



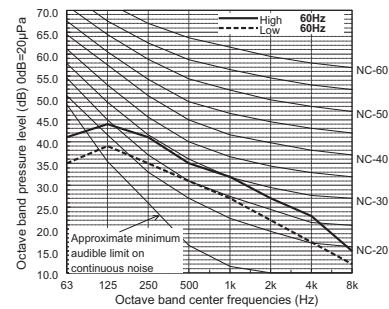
PEFY-P18NMHU-E2

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 230V/60Hz



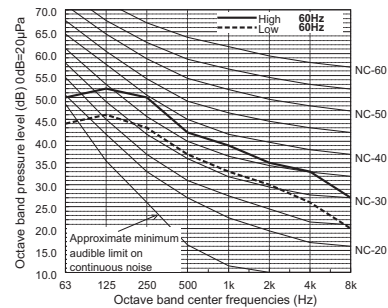
PEFY-P24NMHU-E2

External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 208V/60Hz



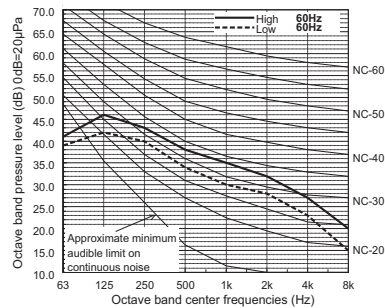
PEFY-P24NMHU-E2

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 208V/60Hz



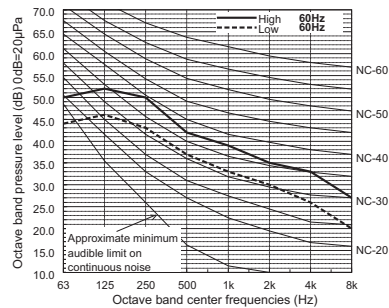
PEFY-P24NMHU-E2

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



PEFY-P24NMHU-E2

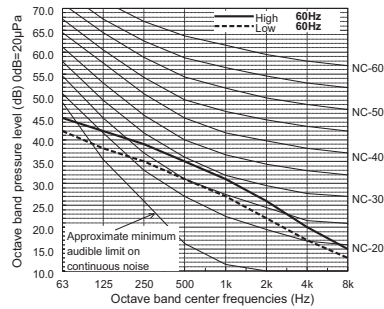
External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 230V/60Hz



5. SOUND PRESSURE LEVELS

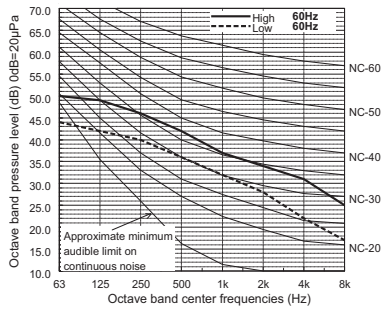
PEFY-P27NMHU-E2

External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 208V/60Hz



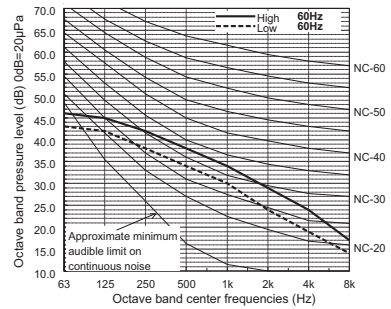
PEFY-P27NMHU-E2

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 208V/60Hz



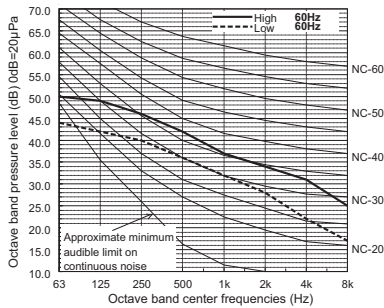
PEFY-P27NMHU-E2

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



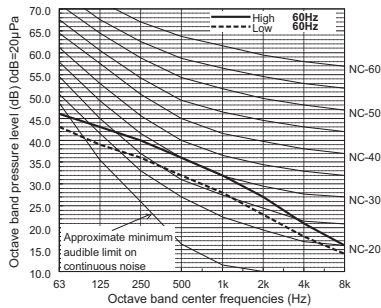
PEFY-P27NMHU-E2

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 230V/60Hz



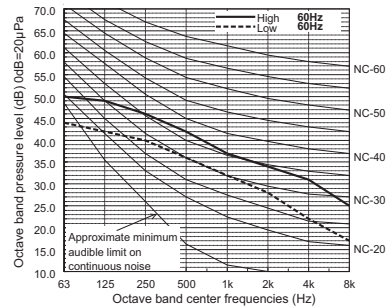
PEFY-P30NMHU-E2

External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 208V/60Hz



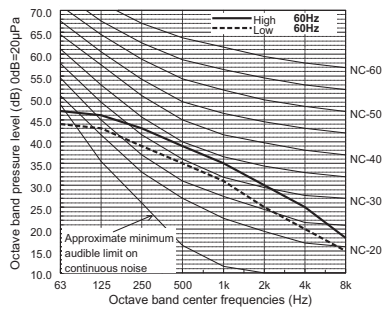
PEFY-P30NMHU-E2

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 208V/60Hz



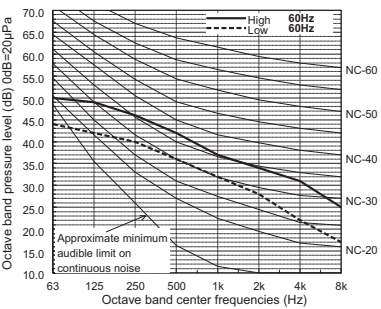
PEFY-P30NMHU-E2

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



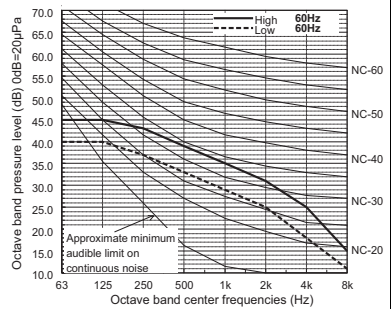
PEFY-P30NMHU-E2

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 230V/60Hz



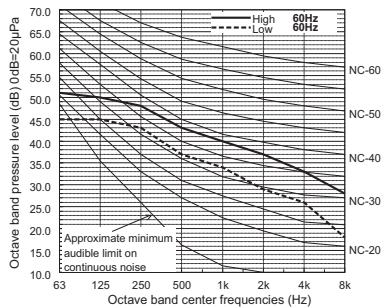
PEFY-P36NMHU-E2

External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 208V/60Hz



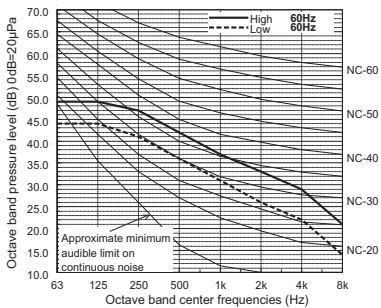
PEFY-P36NMHU-E2

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 208V/60Hz



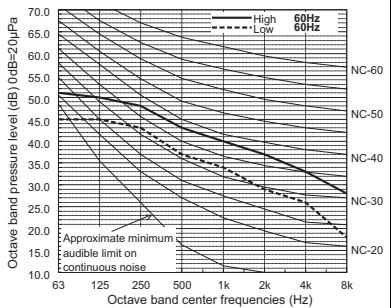
PEFY-P36NMHU-E2

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



PEFY-P36NMHU-E2

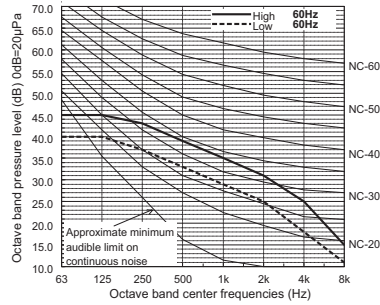
External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 230V/60Hz



5. SOUND PRESSURE LEVELS

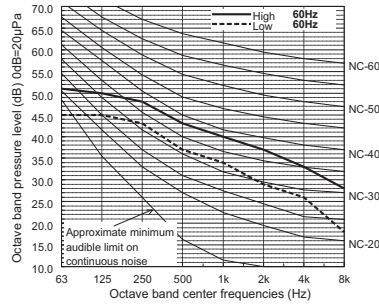
PEFY-P48NMHU-E2

External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 208V/60Hz



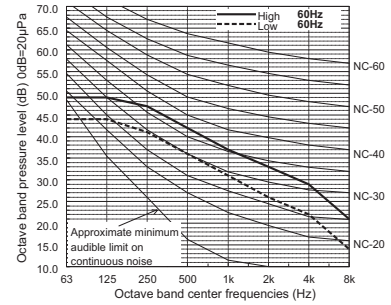
PEFY-P48NMHU-E2

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 208V/60Hz



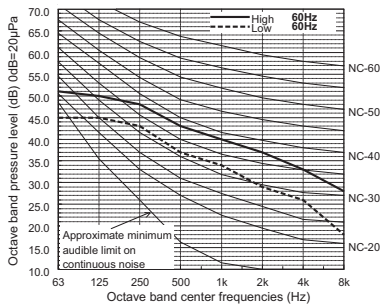
PEFY-P48NMHU-E2

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



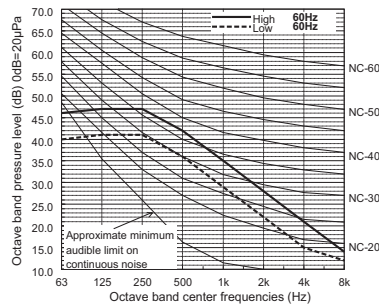
PEFY-P48NMHU-E2

External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 230V/60Hz



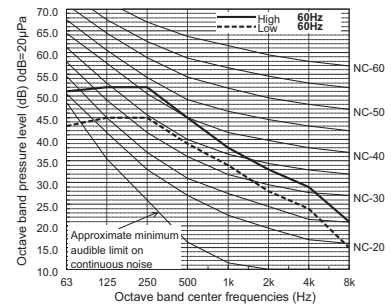
PEFY-P54NMHU-E2

External Static Pressure: 100Pa [0.40 in.WG]
Power Source: 208V/60Hz



PEFY-P54NMHU-E2

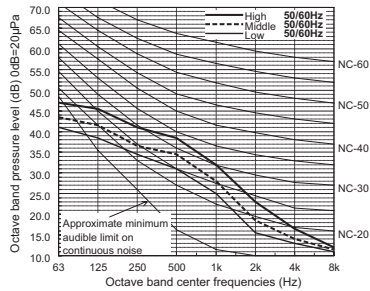
External Static Pressure: 250Pa [1.00 in.WG]
Power Source: 208V/60Hz



5. SOUND PRESSURE LEVELS

PEFY-P72NMHSU-E

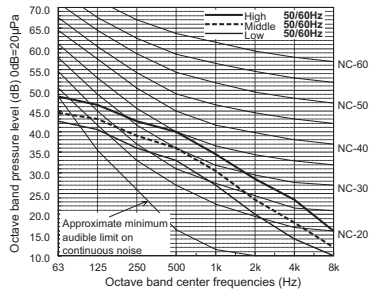
External Static Pressure: 50Pa,0.02[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-1

PEFY-P72NMHSU-E

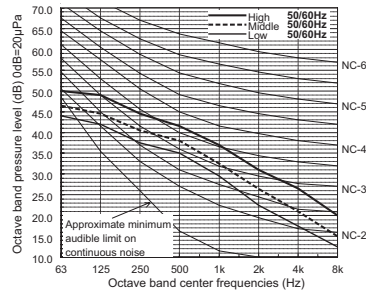
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-2

PEFY-P72NMHSU-E

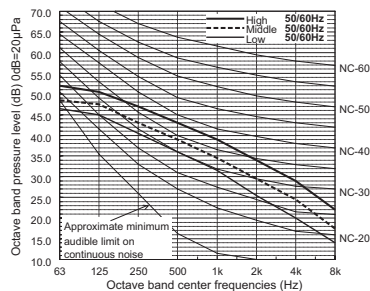
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-3

PEFY-P72NMHSU-E

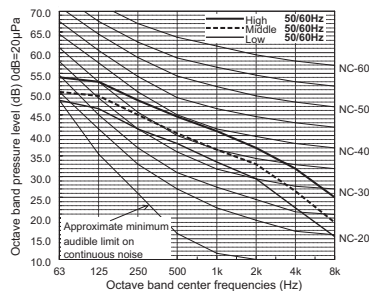
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-4

PEFY-P72NMHSU-E

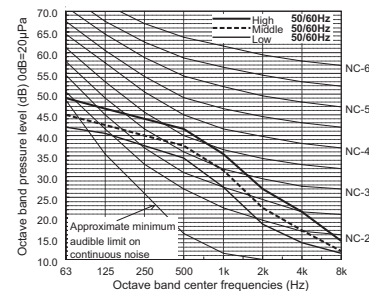
External Static Pressure: 250Pa,1[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8681-5

PEFY-P96NMHSU-E

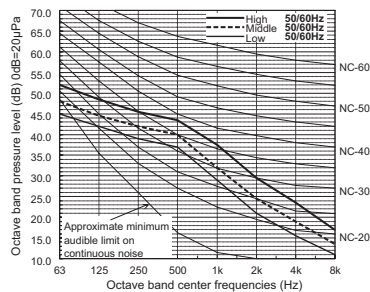
External Static Pressure: 50Pa,0.2[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-1

PEFY-P96NMHSU-E

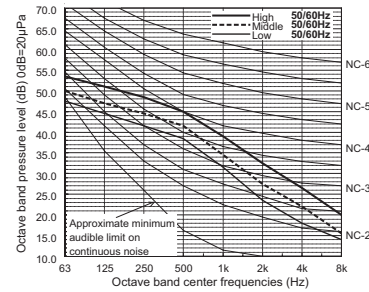
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-2

PEFY-P96NMHSU-E

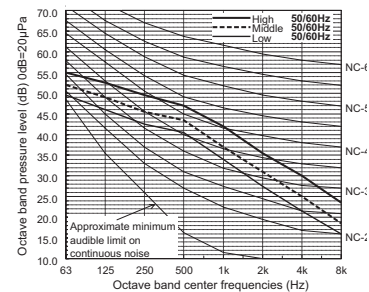
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-3

PEFY-P96NMHSU-E

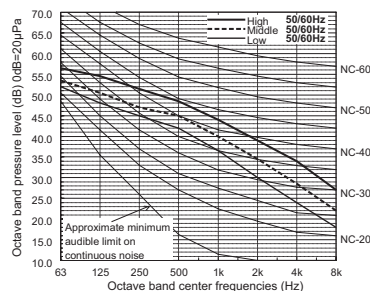
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.: WYNB0-8682-4

PEFY-P96NMHSU-E

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



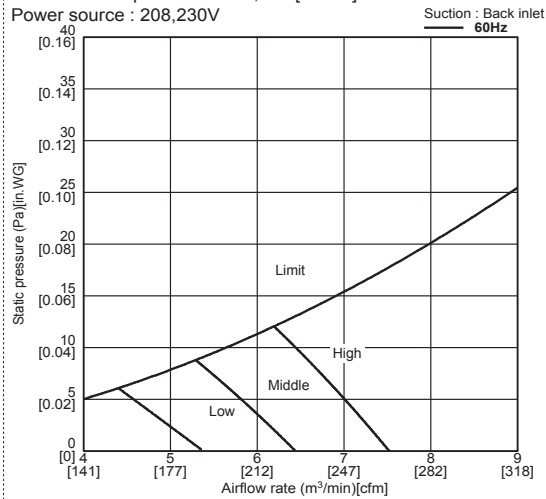
Ref.: WYNB0-8682-5

6. FAN CHARACTERISTIC CURVES

PEFY-P06NMSU-ER2

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

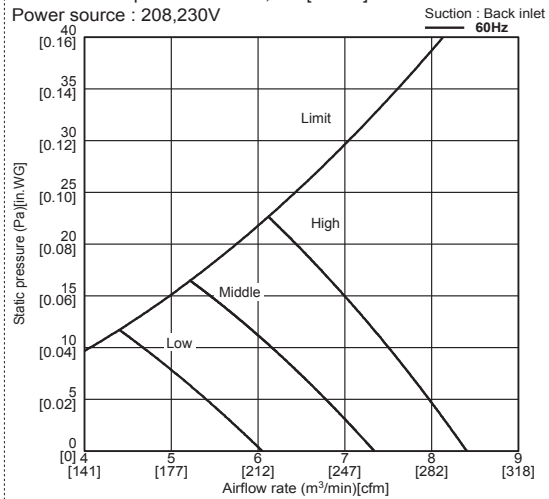
Power source : 208,230V



PEFY-P06NMSU-ER2

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

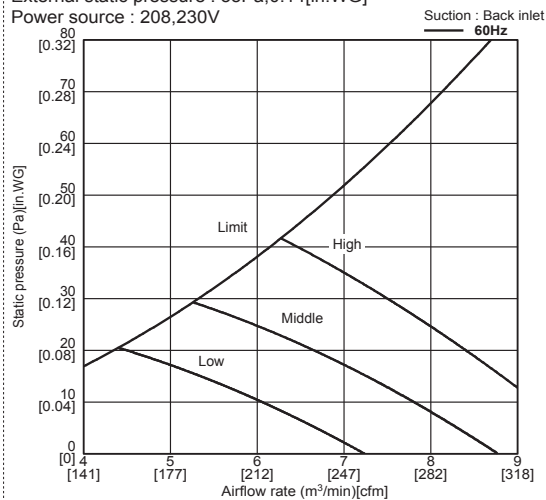
Power source : 208,230V



PEFY-P06NMSU-ER2

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

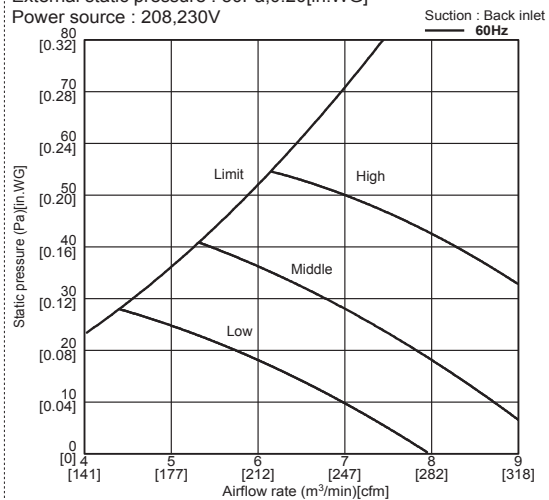
Power source : 208,230V



PEFY-P06NMSU-ER2

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

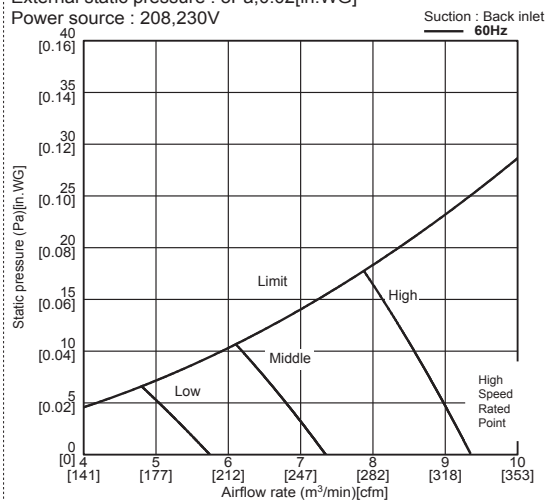
Power source : 208,230V



PEFY-P08NMSU-ER2

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

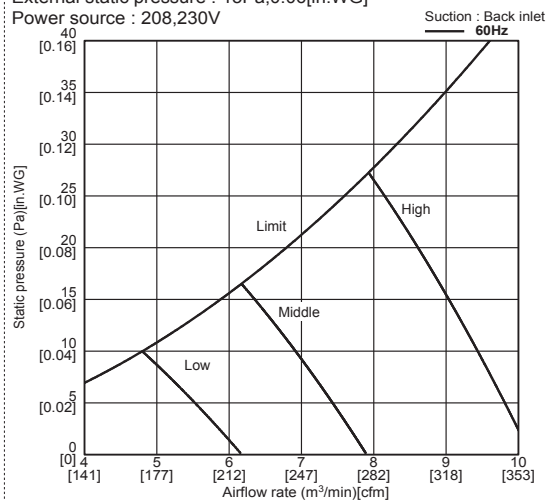
Power source : 208,230V



PEFY-P08NMSU-ER2

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

Power source : 208,230V

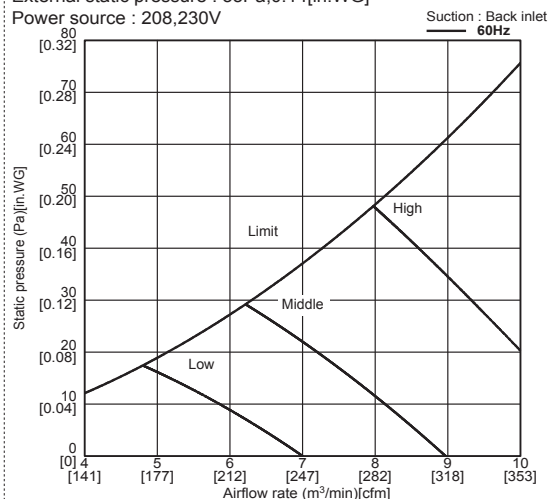


6. FAN CHARACTERISTIC CURVES

PEFY-P08NMSU-ER2

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

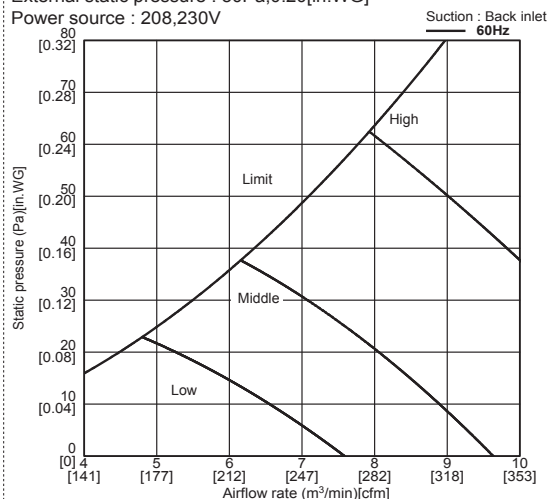
Power source : 208,230V



PEFY-P08NMSU-ER2

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

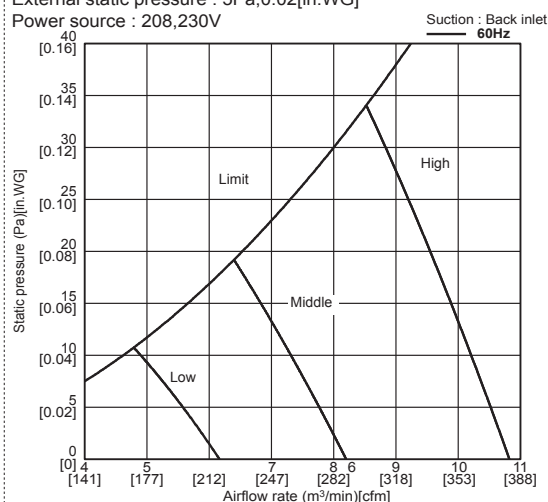
Power source : 208,230V



PEFY-P12NMSU-ER2

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

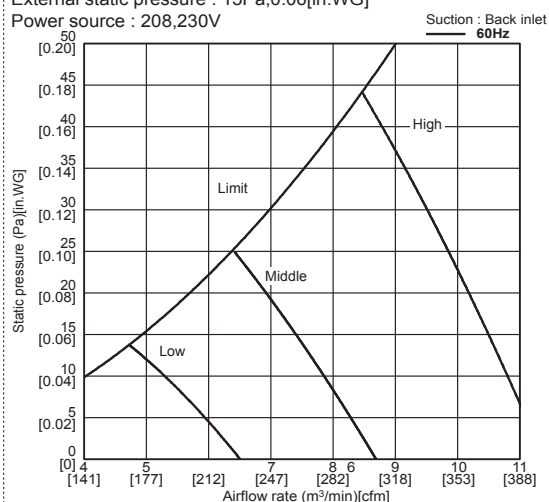
Power source : 208,230V



PEFY-P12NMSU-ER2

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

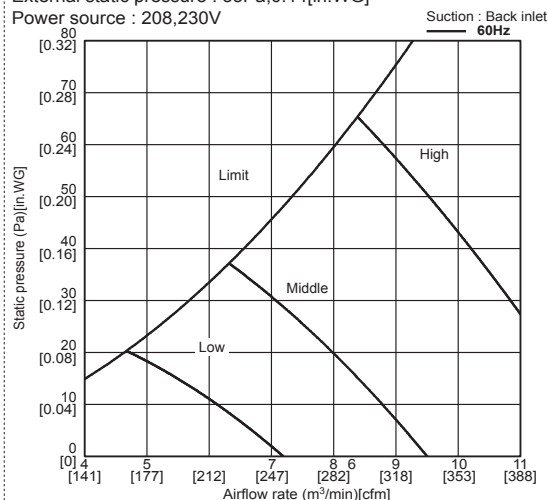
Power source : 208,230V



PEFY-P12NMSU-ER2

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

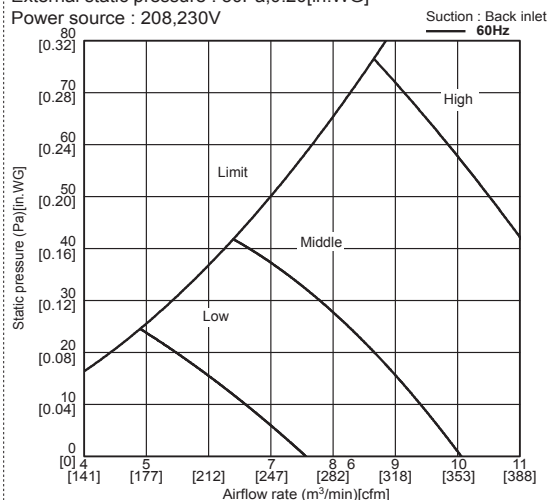
Power source : 208,230V



PEFY-P12NMSU-ER2

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

Power source : 208,230V

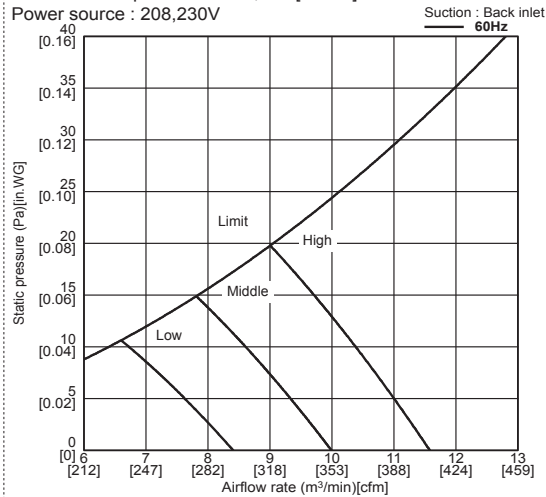


6. FAN CHARACTERISTIC CURVES

PEFY-P15NMSU-ER2

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

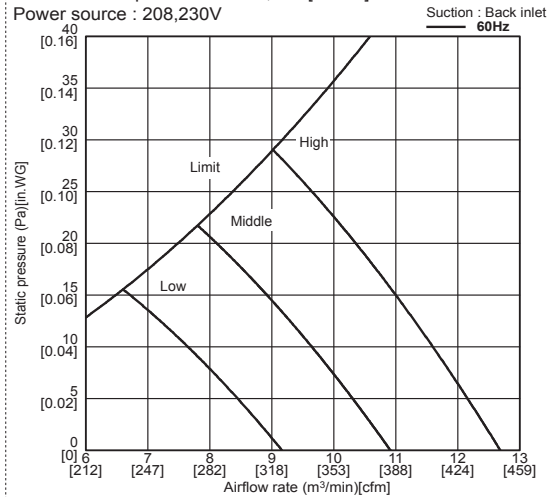
Power source : 208,230V



PEFY-P15NMSU-ER2

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

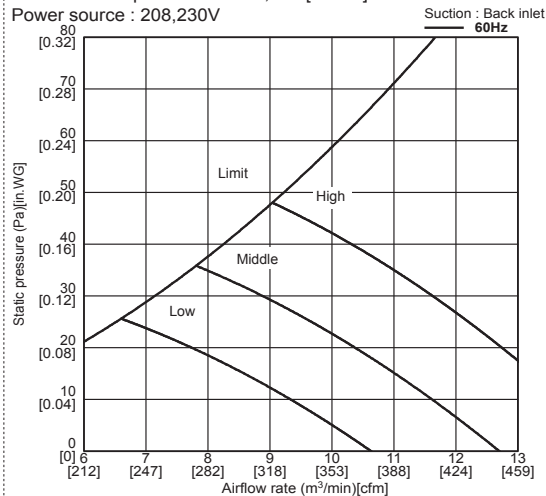
Power source : 208,230V



PEFY-P15NMSU-ER2

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

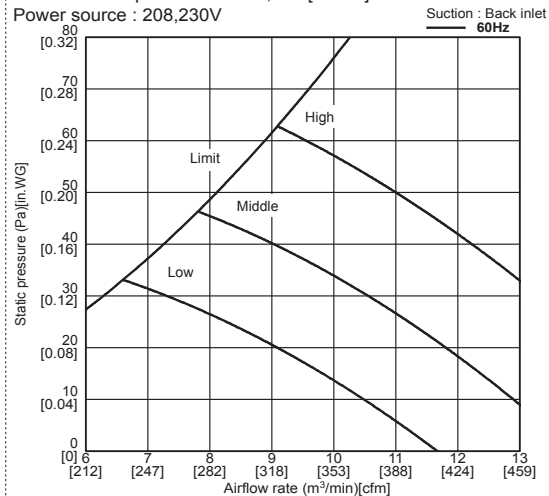
Power source : 208,230V



PEFY-P15NMSU-ER2

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

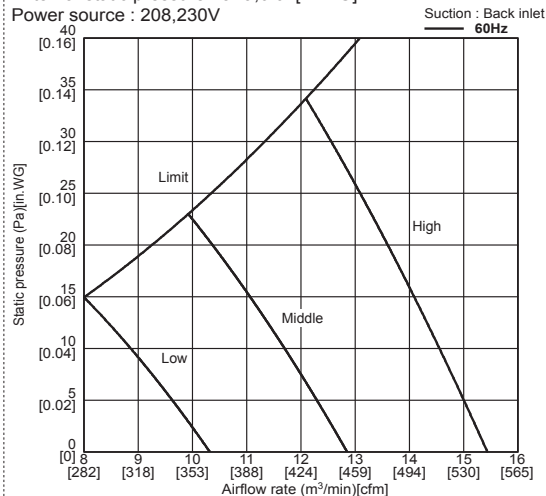
Power source : 208,230V



PEFY-P18NMSU-ER2

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

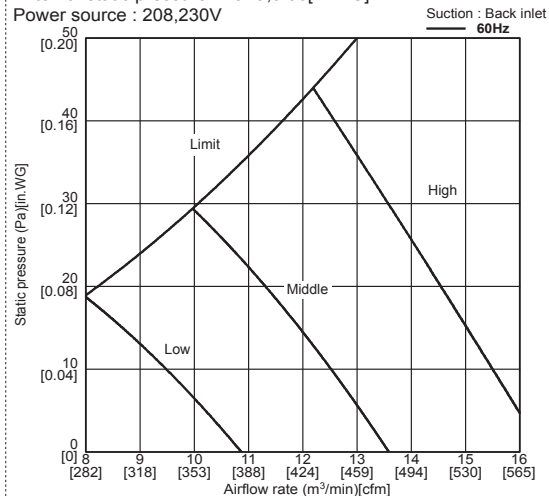
Power source : 208,230V



PEFY-P18NMSU-ER2

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

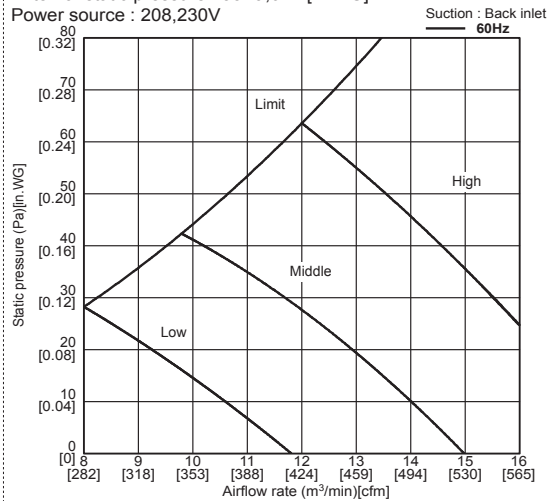
Power source : 208,230V



6. FAN CHARACTERISTIC CURVES

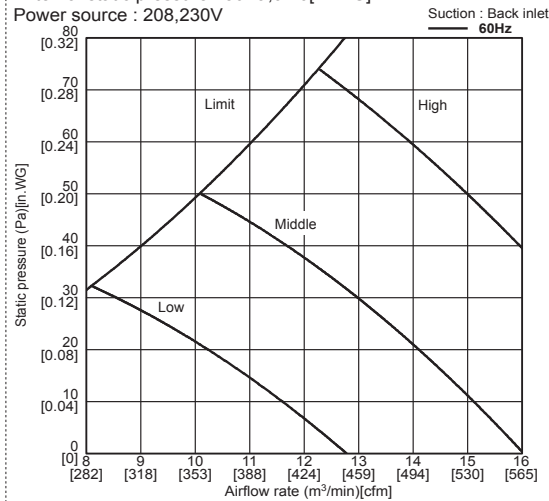
PEFY-P18NMSU-ER2

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



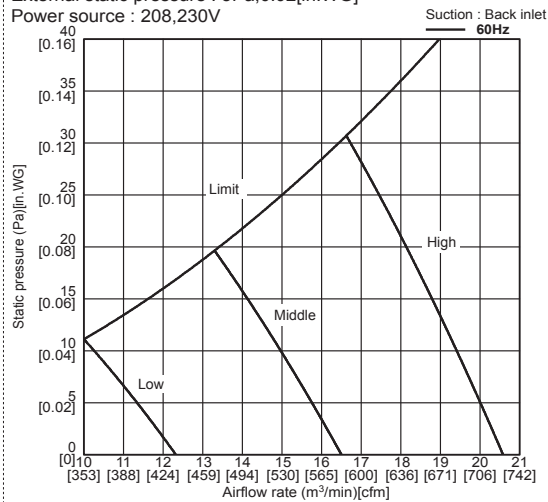
PEFY-P18NMSU-ER2

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



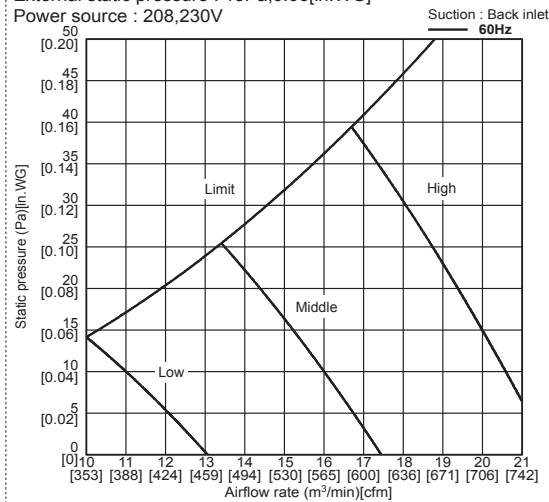
PEFY-P24NMSU-ER2

External static pressure : 5Pa,0.02[in.WG]
Power source : 208,230V



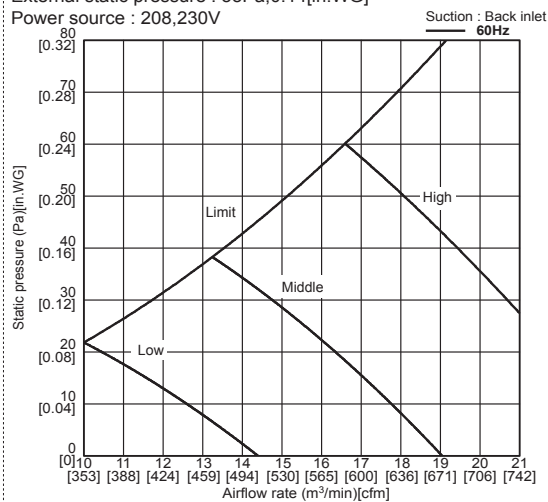
PEFY-P24NMSU-ER2

External static pressure : 15Pa,0.06[in.WG]
Power source : 208,230V



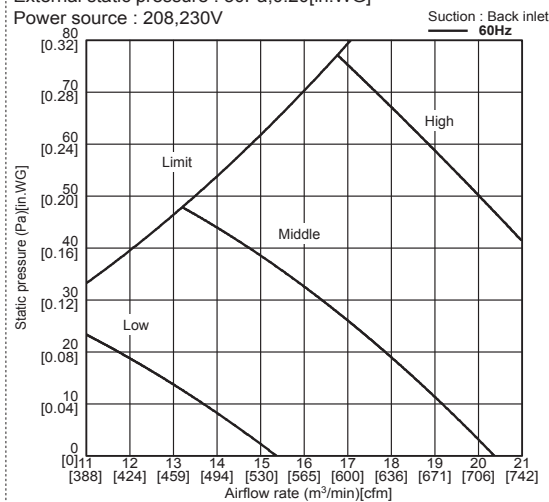
PEFY-P24NMSU-ER2

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



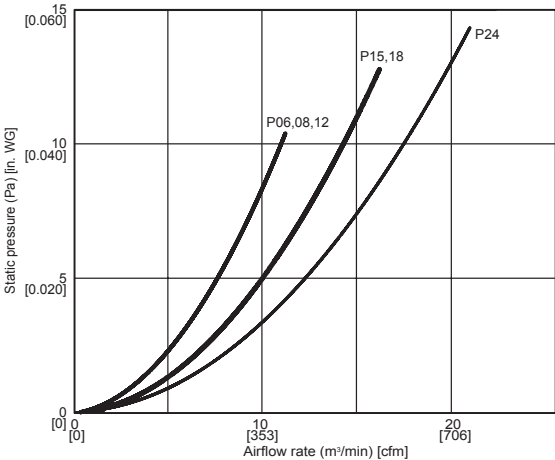
6. FAN CHARACTERISTIC CURVES

Air filter static pressure cuves

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

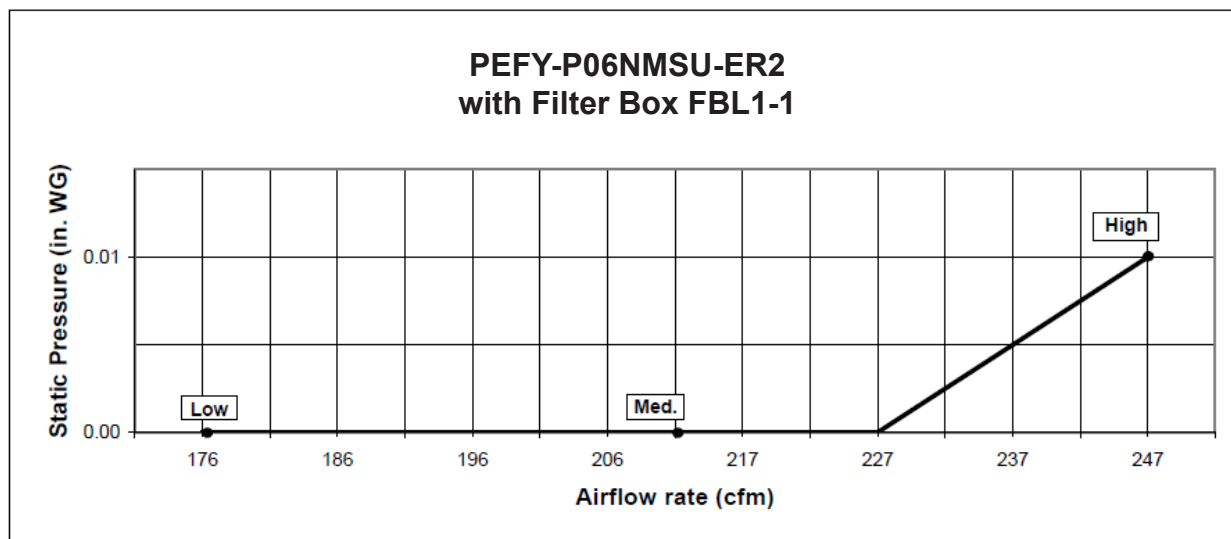
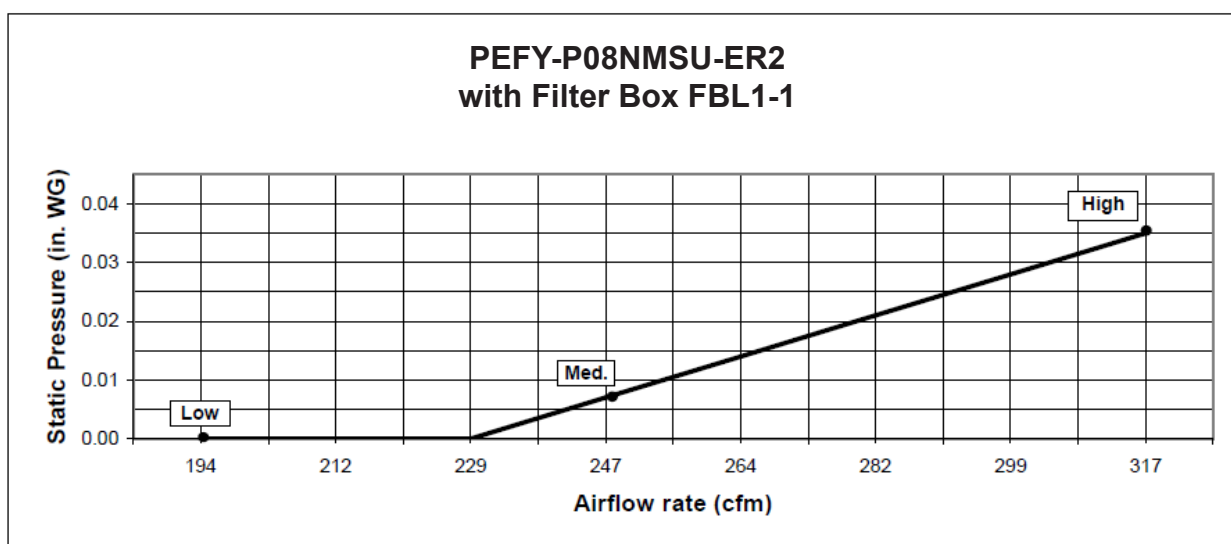
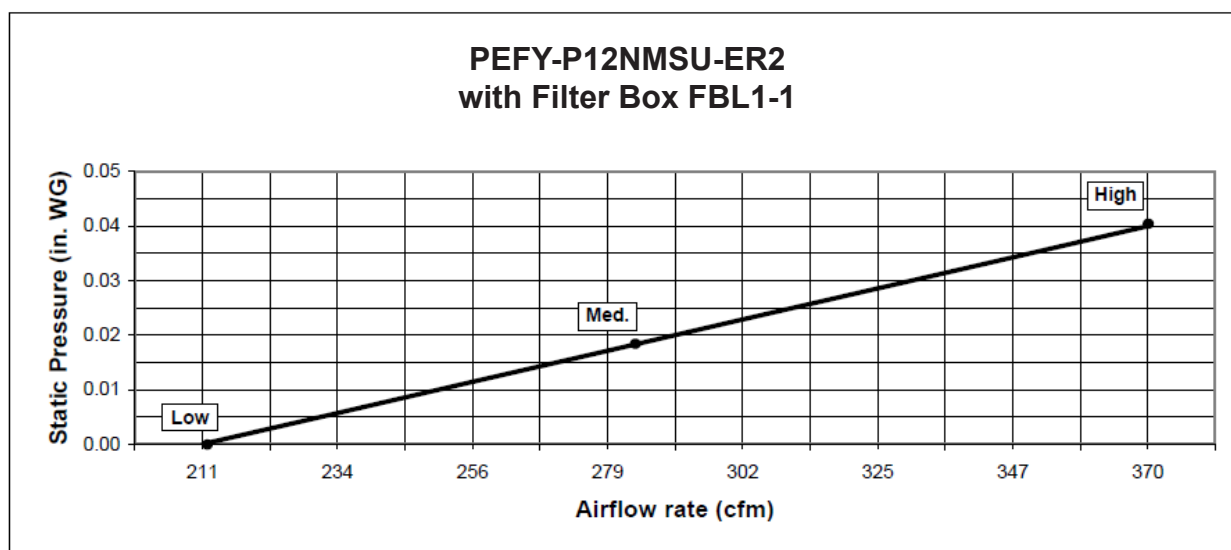
Air filter

Power source : 208-230V 60Hz



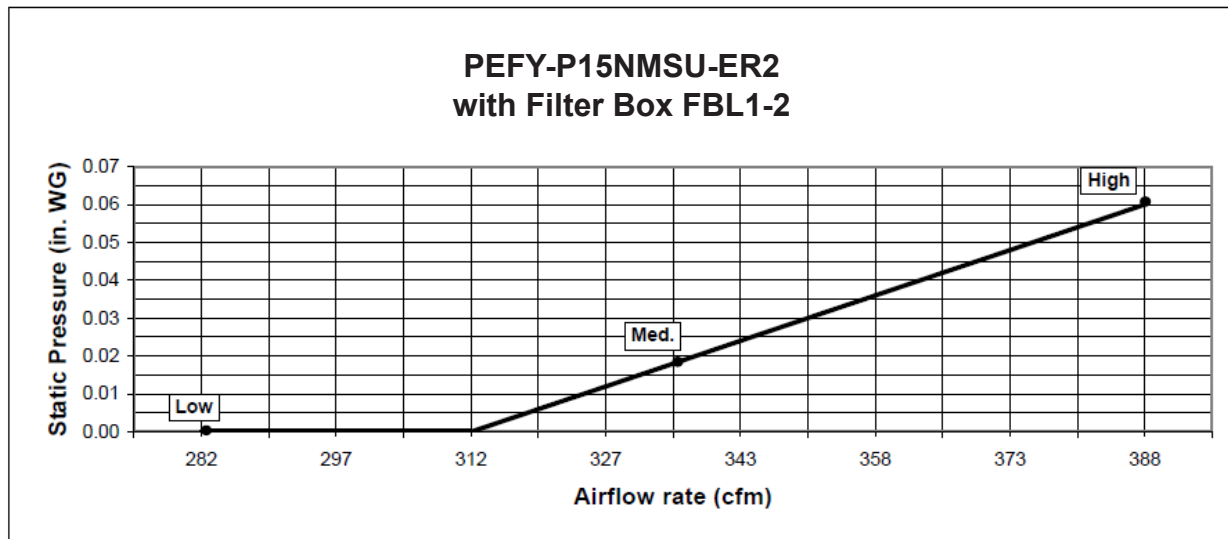
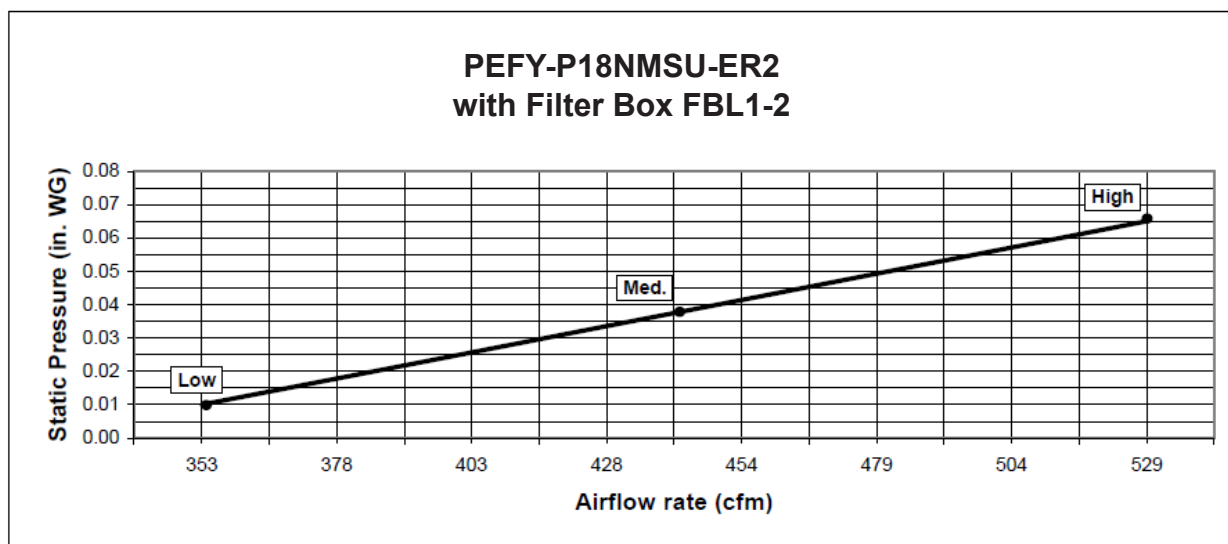
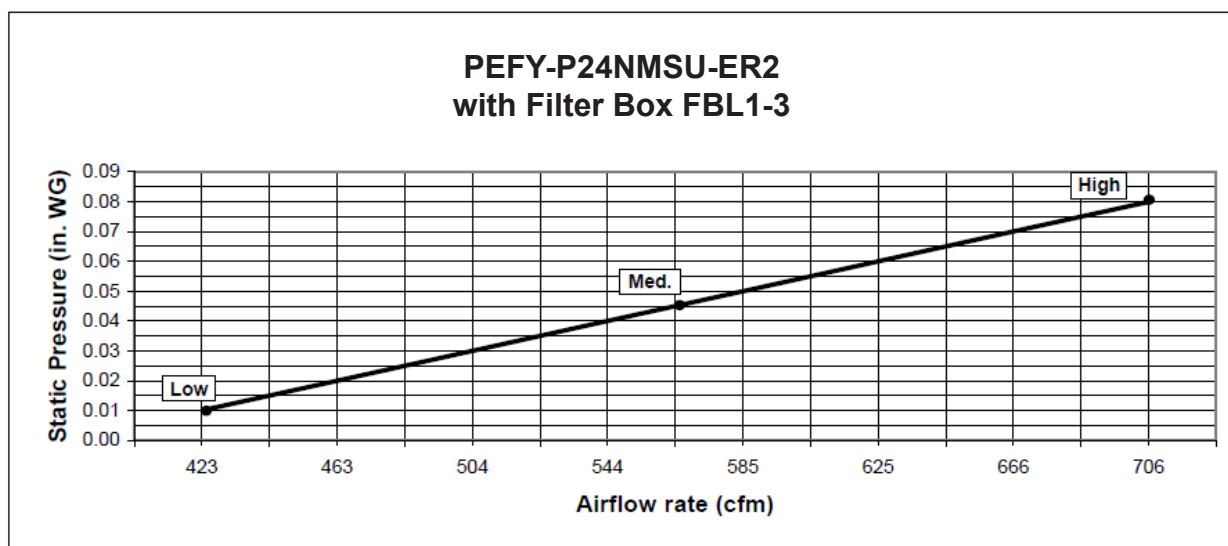
6. FAN CHARACTERISTIC CURVES

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

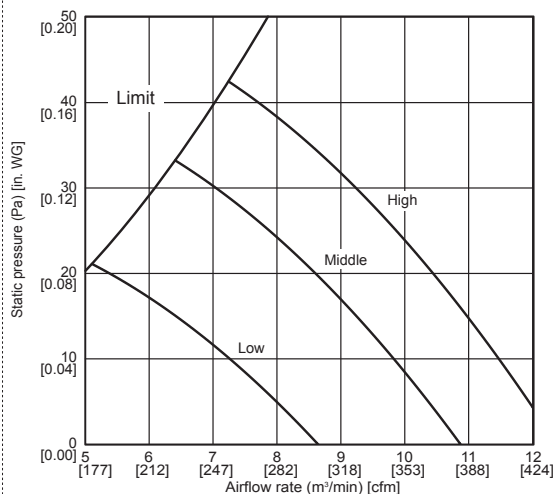


6. FAN CHARACTERISTIC CURVES

PEFY-P06,08NMAU-E3

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

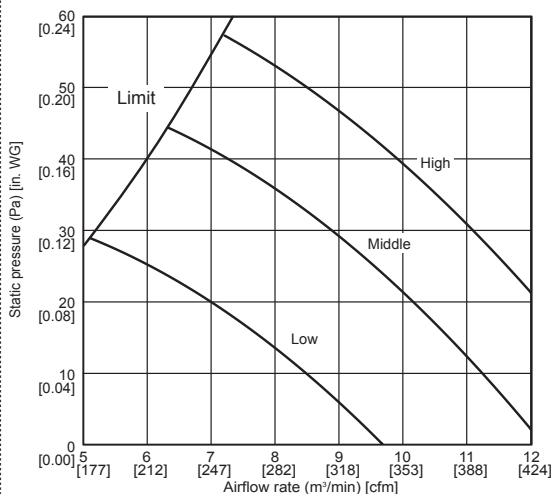
Power source : 208-230V



PEFY-P06,08NMAU-E3

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

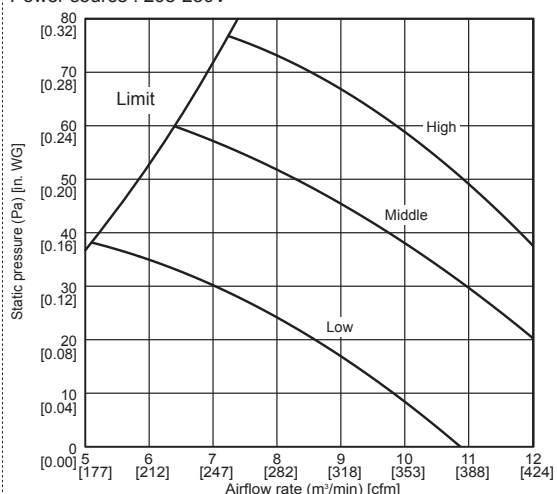
Power source : 208-230V



PEFY-P06,08NMAU-E3

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

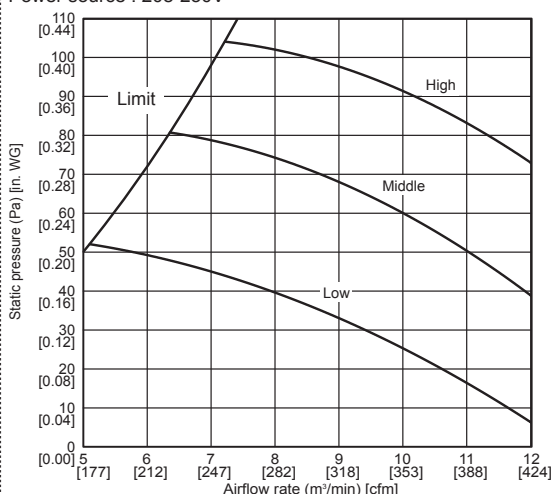
Power source : 208-230V



PEFY-P06,08NMAU-E3

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

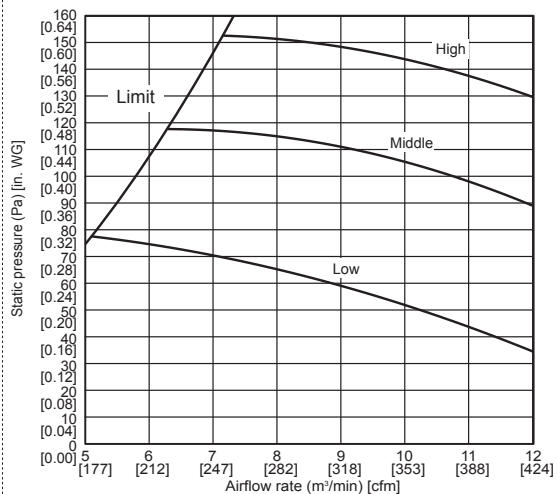
Power source : 208-230V



PEFY-P06,08NMAU-E3

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

Power source : 208-230V

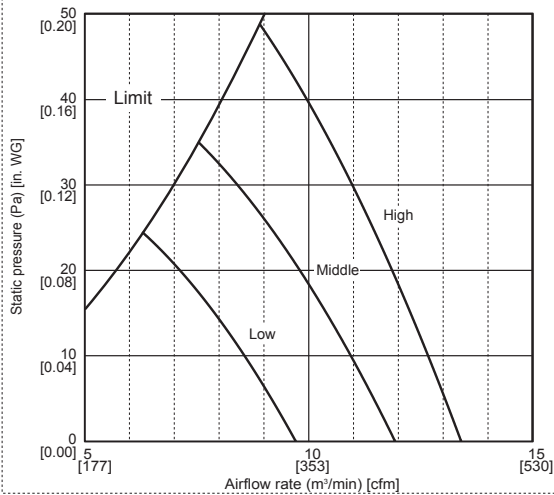


6. FAN CHARACTERISTIC CURVES

PEFY-P12NMAU-E3

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

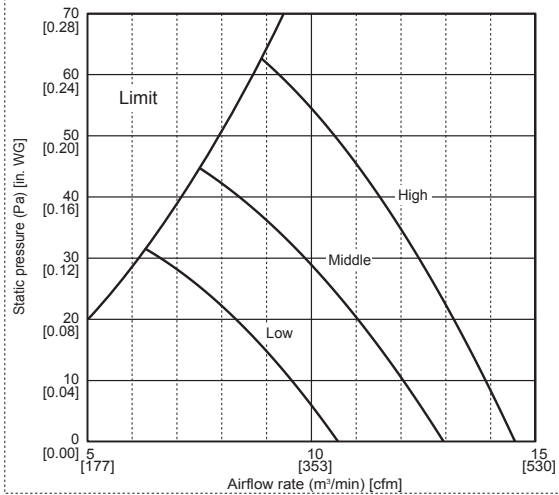
Power source : 208-230V



PEFY-P12NMAU-E3

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

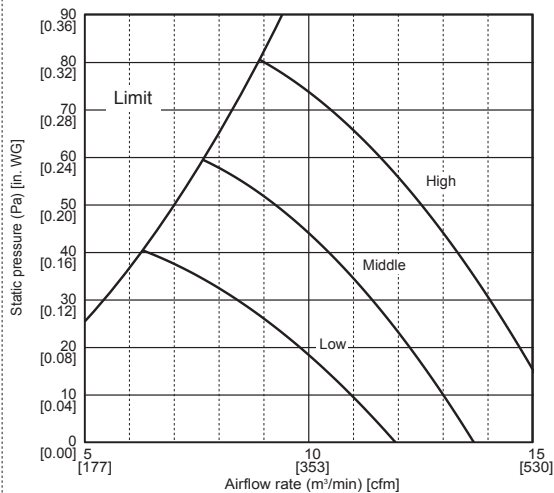
Power source : 208-230V



PEFY-P12NMAU-E3

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

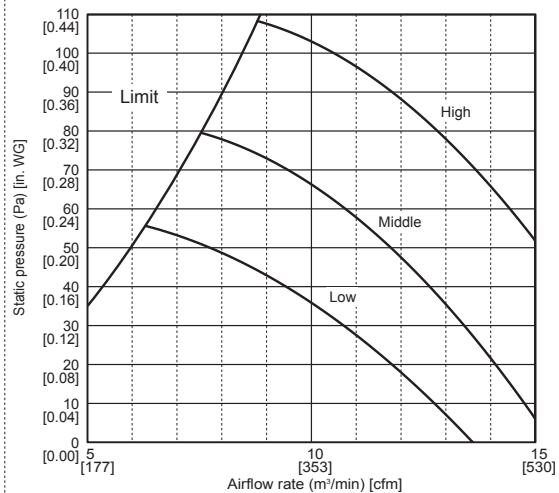
Power source : 208-230V



PEFY-P12NMAU-E3

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

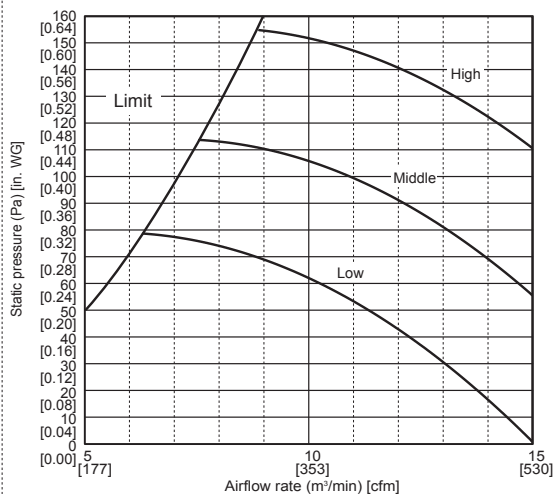
Power source : 208-230V



PEFY-P12NMAU-E3

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

Power source : 208-230V

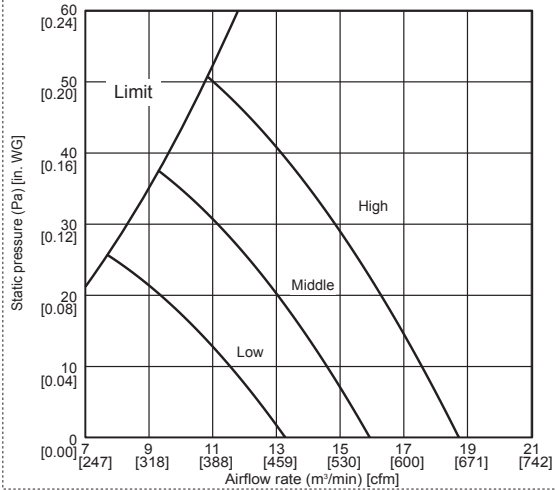


6. FAN CHARACTERISTIC CURVES

PEFY-P15NMAU-E3

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

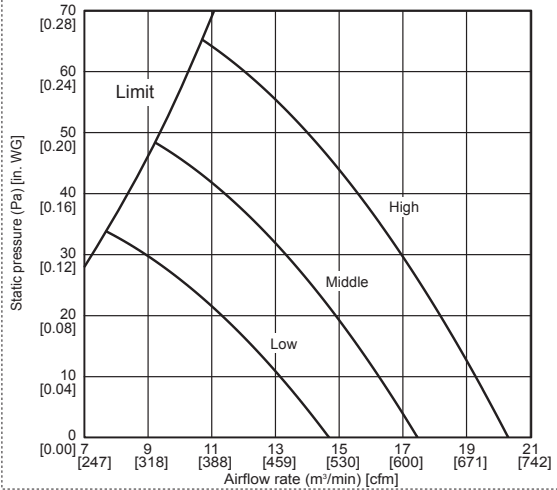
Power source : 208-230V



PEFY-P15NMAU-E3

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

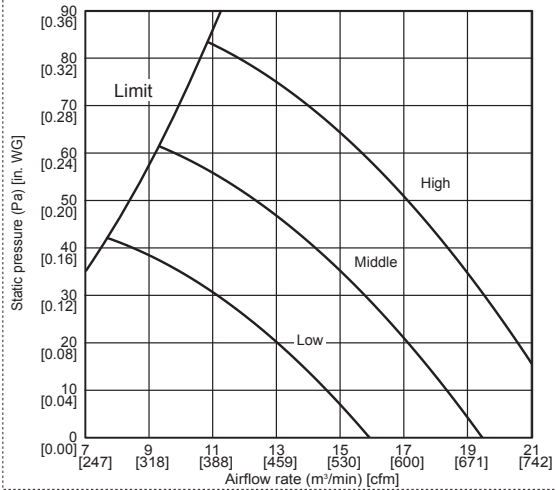
Power source : 208-230V



PEFY-P15NMAU-E3

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

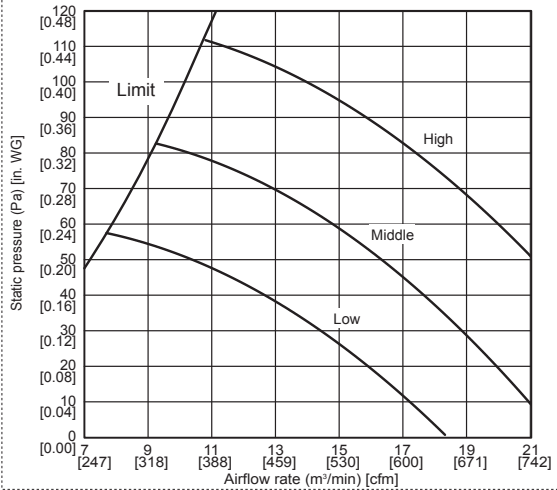
Power source : 208-230V



PEFY-P15NMAU-E3

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

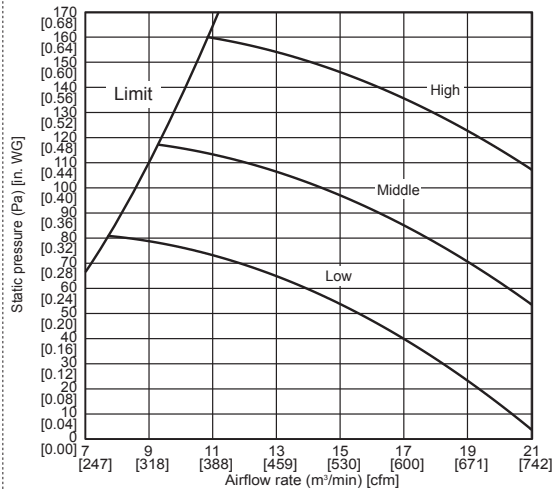
Power source : 208-230V



PEFY-P15NMAU-E3

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

Power source : 208-230V

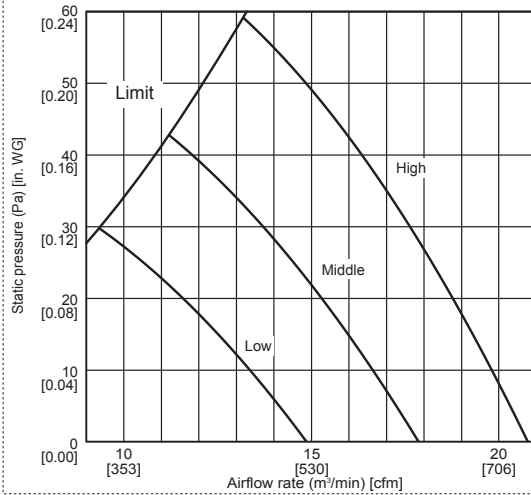


6. FAN CHARACTERISTIC CURVES

PEFY-P18NMAU-E3

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

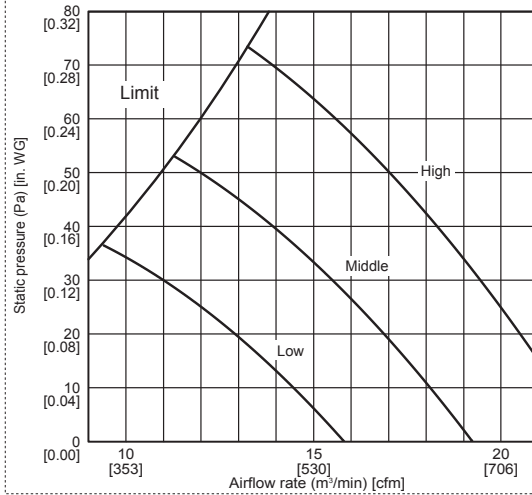
Power source : 208-230V



PEFY-P18NMAU-E3

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

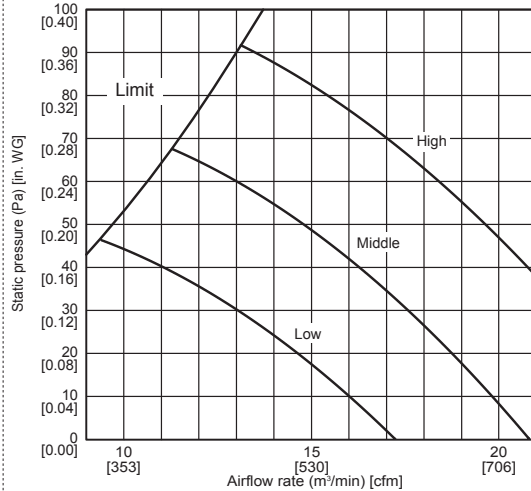
Power source : 208-230V



PEFY-P18NMAU-E3

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

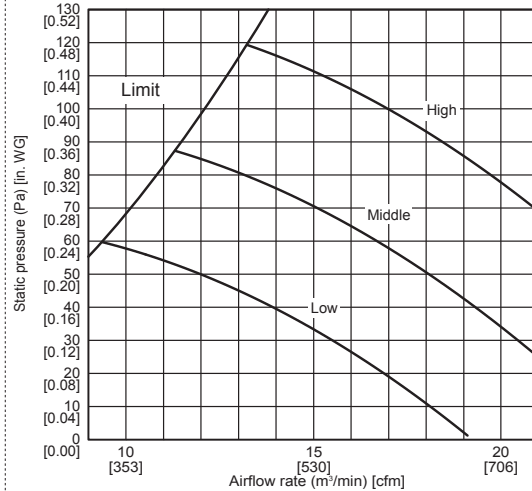
Power source : 208-230V



PEFY-P18NMAU-E3

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

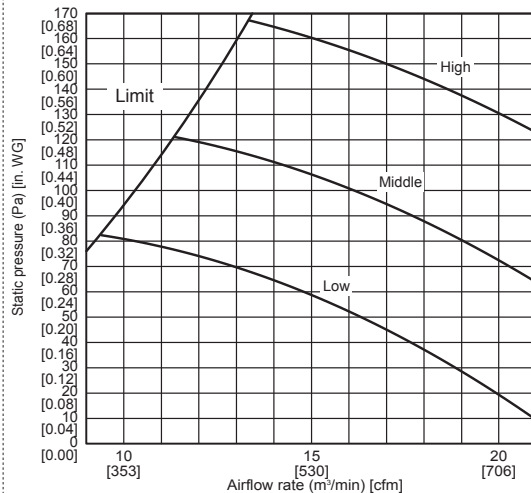
Power source : 208-230V



PEFY-P18NMAU-E3

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

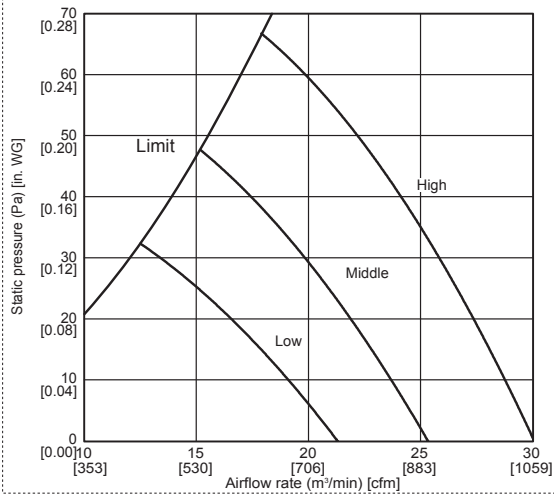
Power source : 208-230V



6. FAN CHARACTERISTIC CURVES

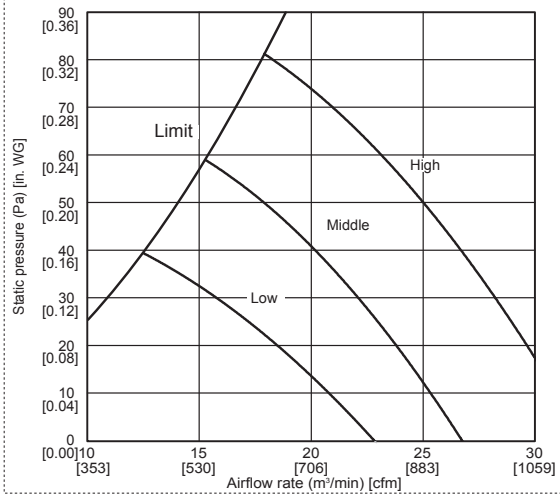
PEFY-P24,27,30NMAU-E3

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



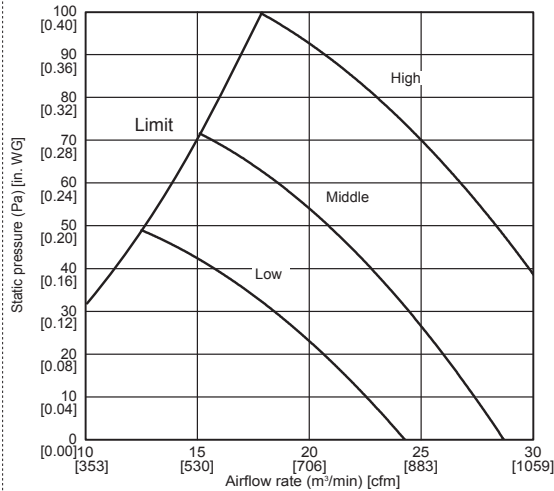
PEFY-P24,27,30NMAU-E3

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



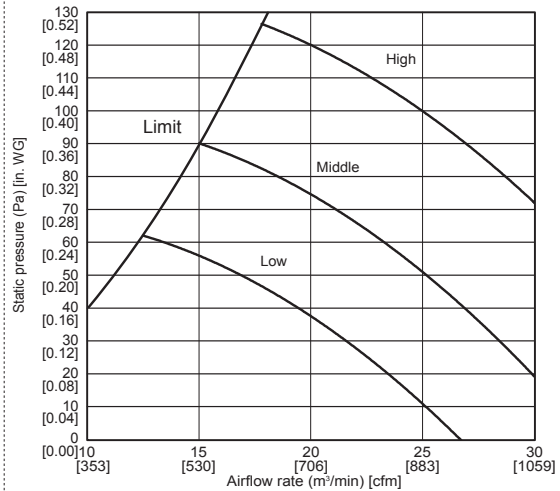
PEFY-P24,27,30NMAU-E3

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



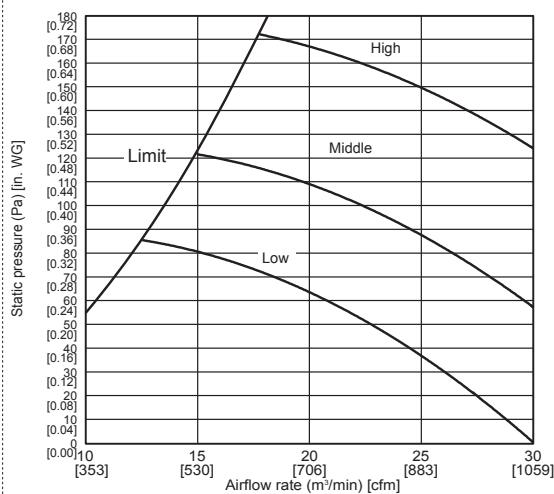
PEFY-P24,27,30NMAU-E3

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

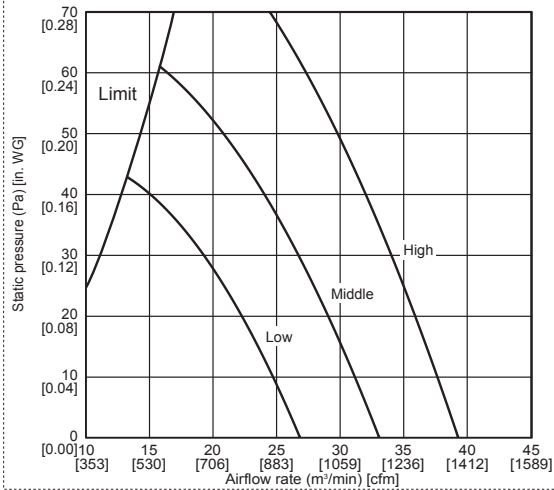


6. FAN CHARACTERISTIC CURVES

PEFY-P36NMAU-E3

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

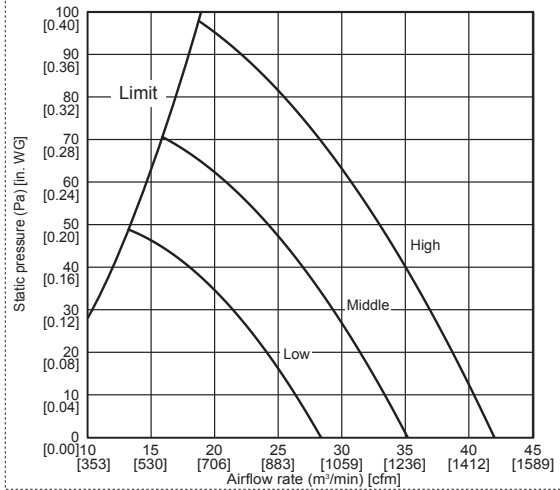
Power source : 208-230V



PEFY-P36NMAU-E3

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

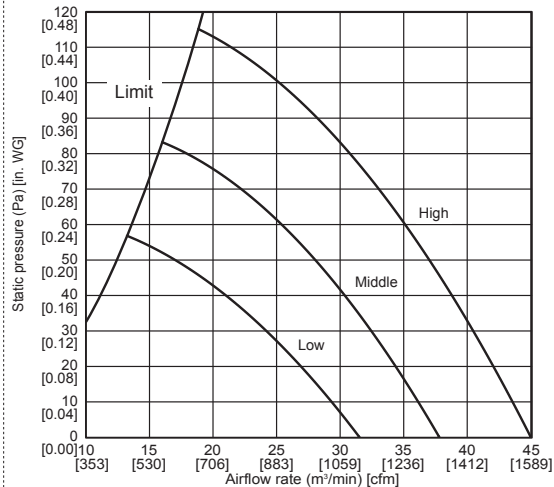
Power source : 208-230V



PEFY-P36NMAU-E3

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

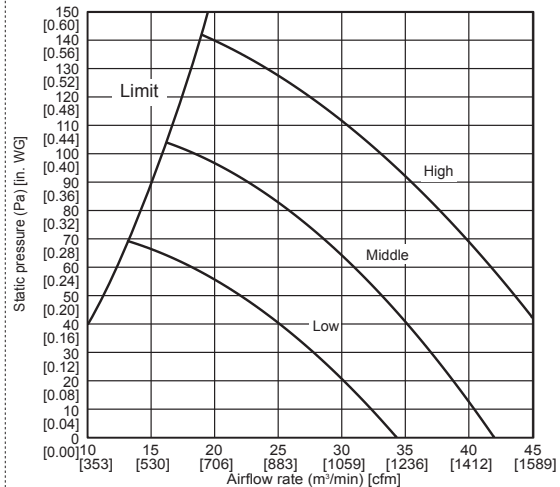
Power source : 208-230V



PEFY-P36NMAU-E3

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

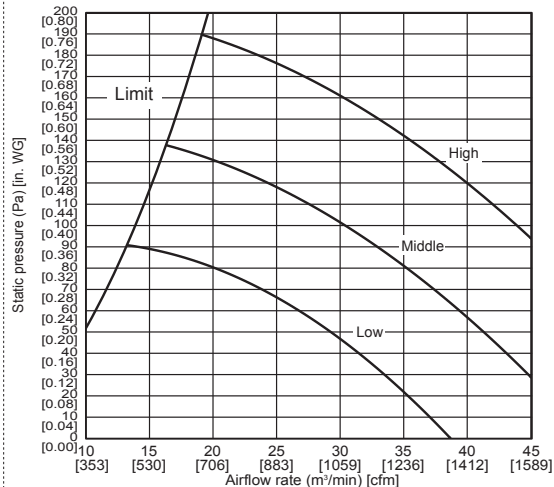
Power source : 208-230V



PEFY-P36NMAU-E3

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

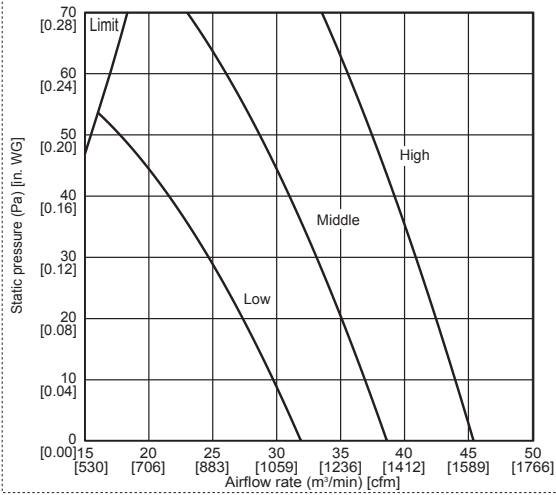
Power source : 208-230V



6. FAN CHARACTERISTIC CURVES

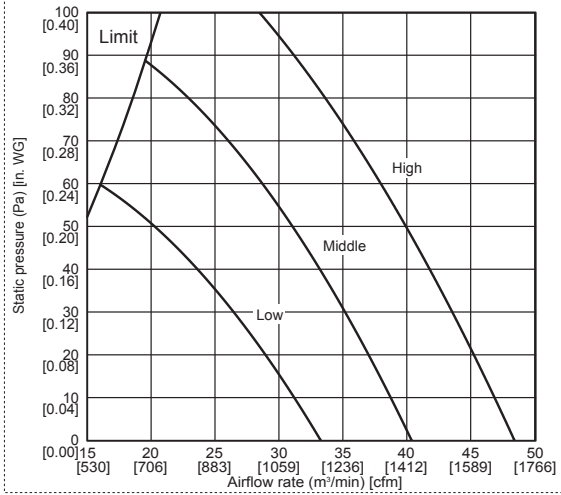
PEFY-P48NMAU-E3

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



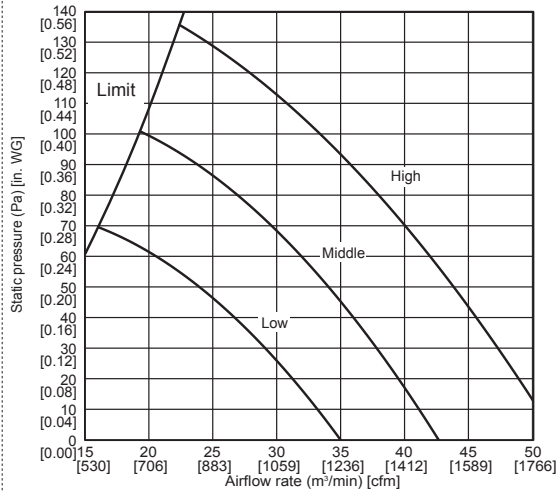
PEFY-P48NMAU-E3

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



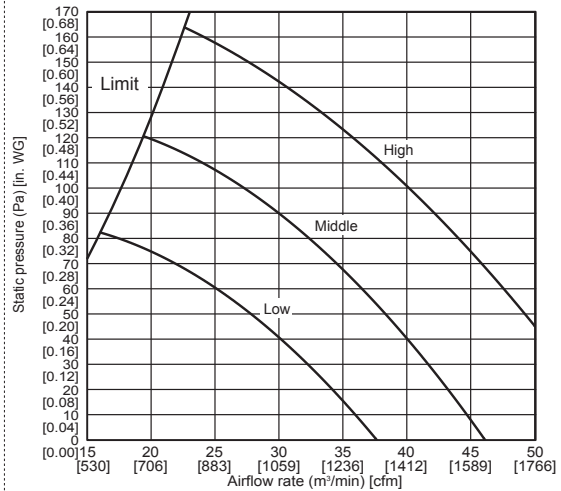
PEFY-P48NMAU-E3

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



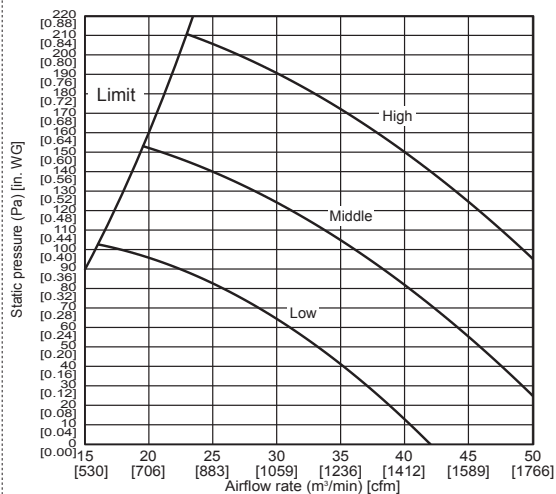
PEFY-P48NMAU-E3

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



PEFY-P48NMAU-E3

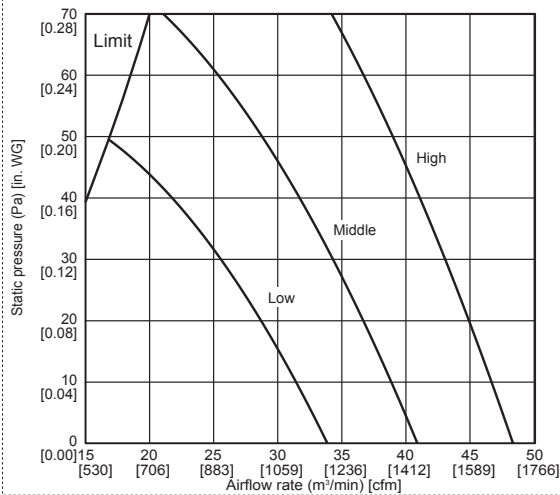
External static pressure : 150Pa [0.60in.WG]
Power source : 208-230V



6. FAN CHARACTERISTIC CURVES

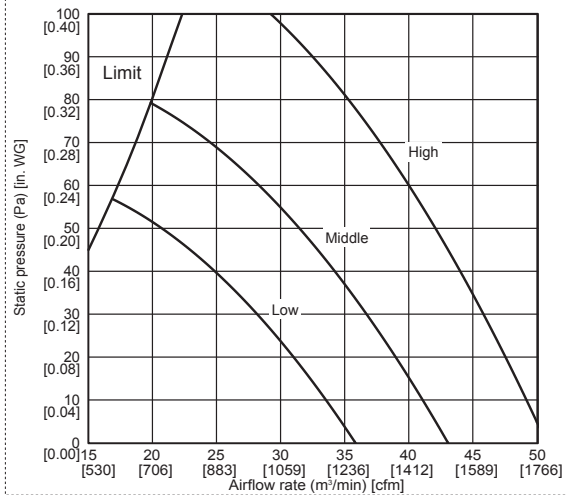
PEFY-P54NMAU-E3

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



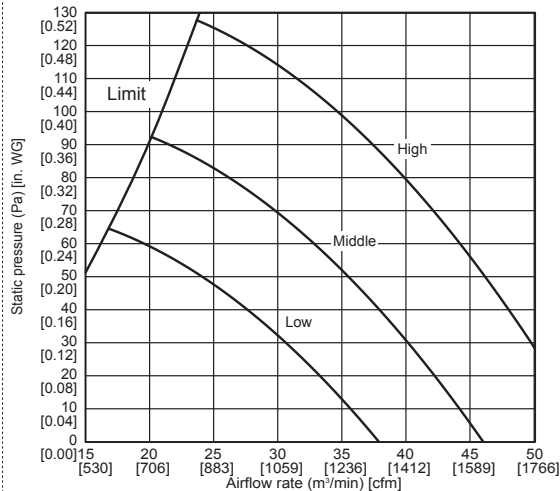
PEFY-P54NMAU-E3

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



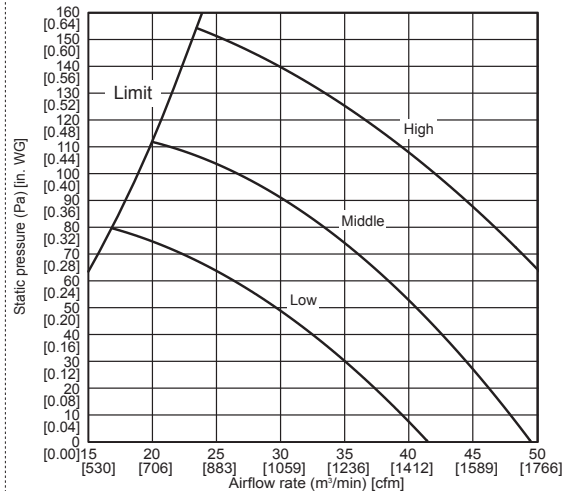
PEFY-P54NMAU-E3

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



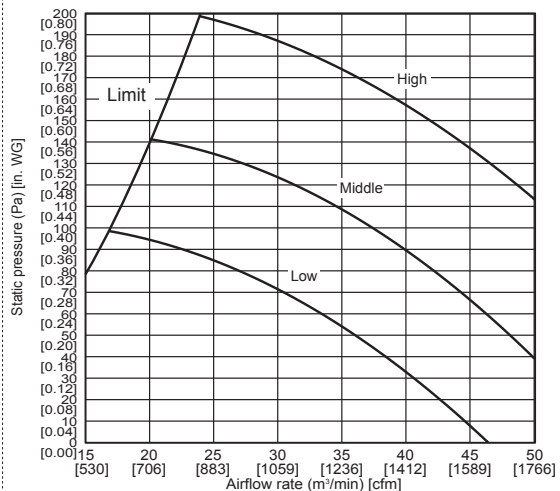
PEFY-P54NMAU-E3

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

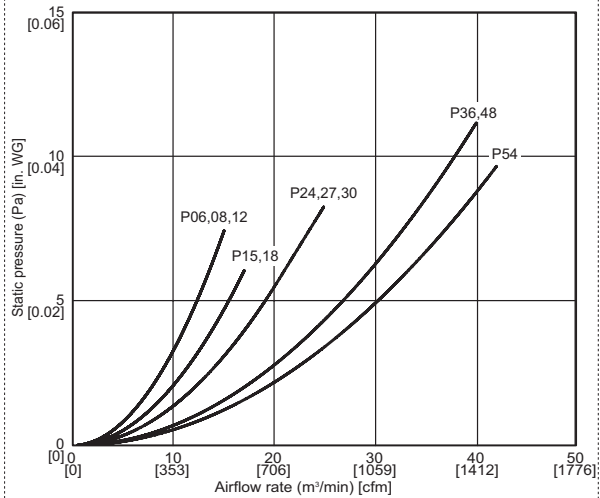


6. FAN CHARACTERISTIC CURVES

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

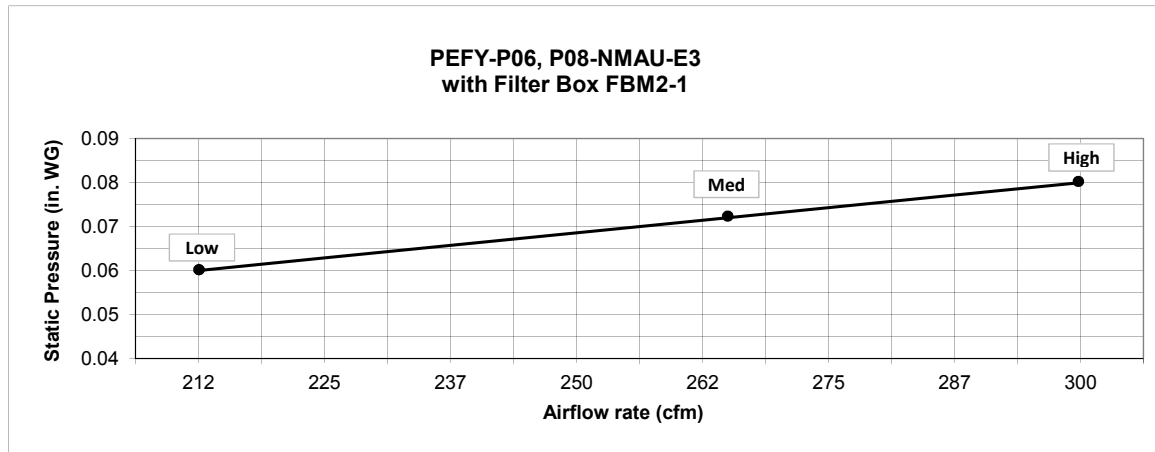
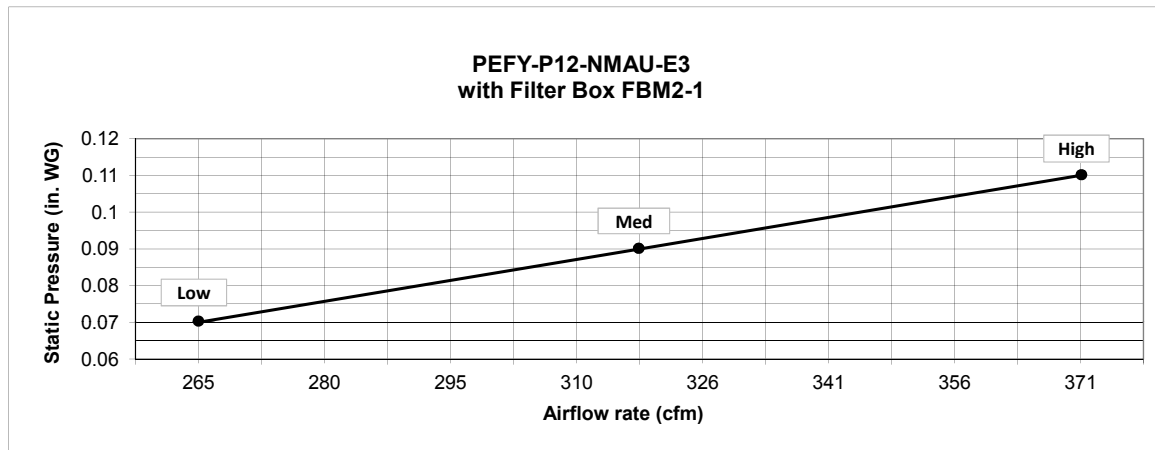
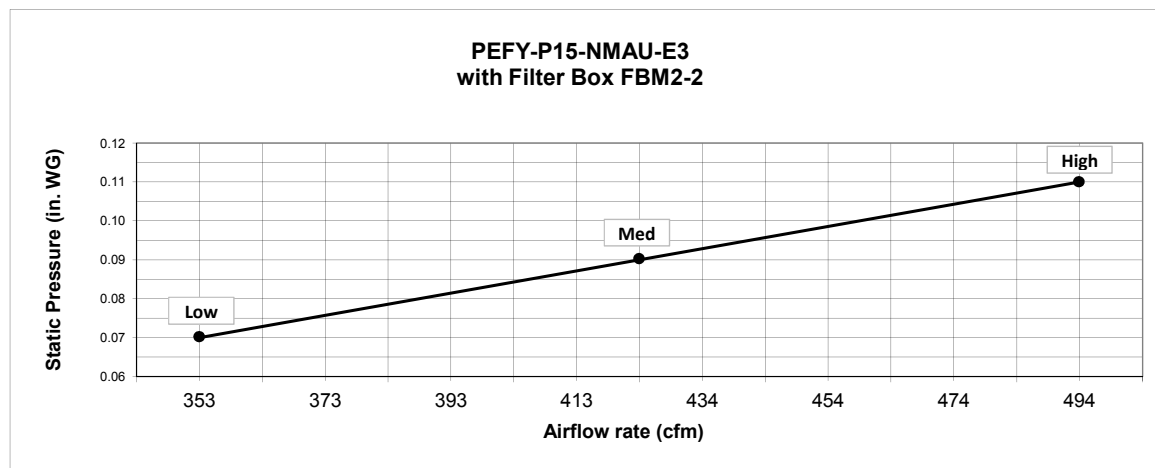
Air filter

Power source : 208-230V 60Hz



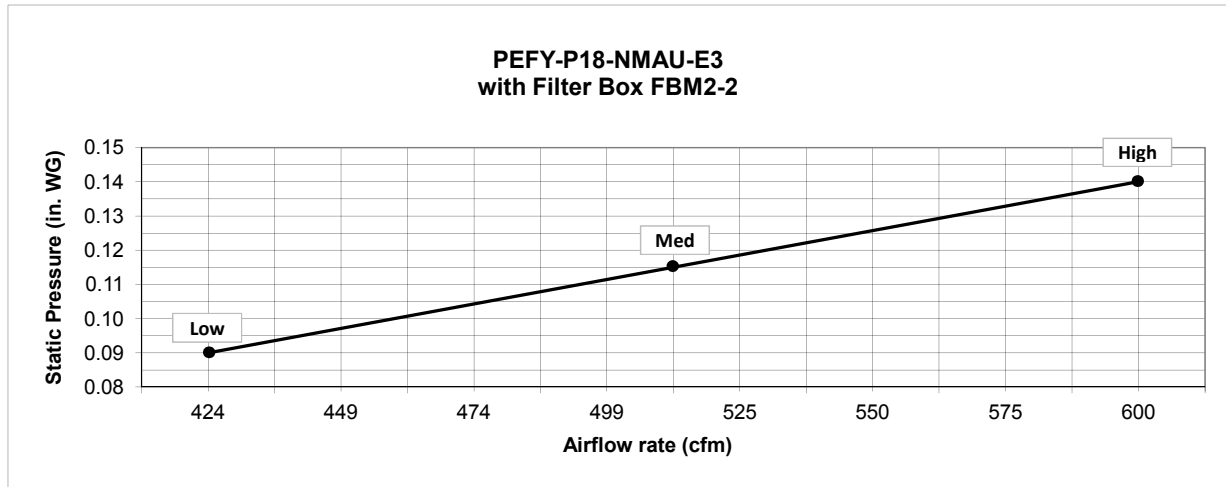
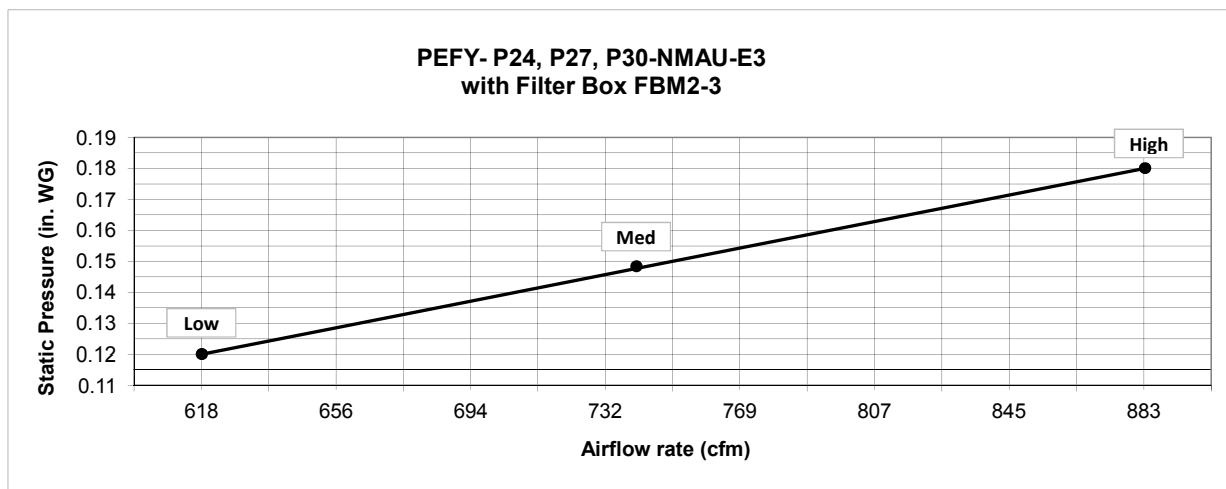
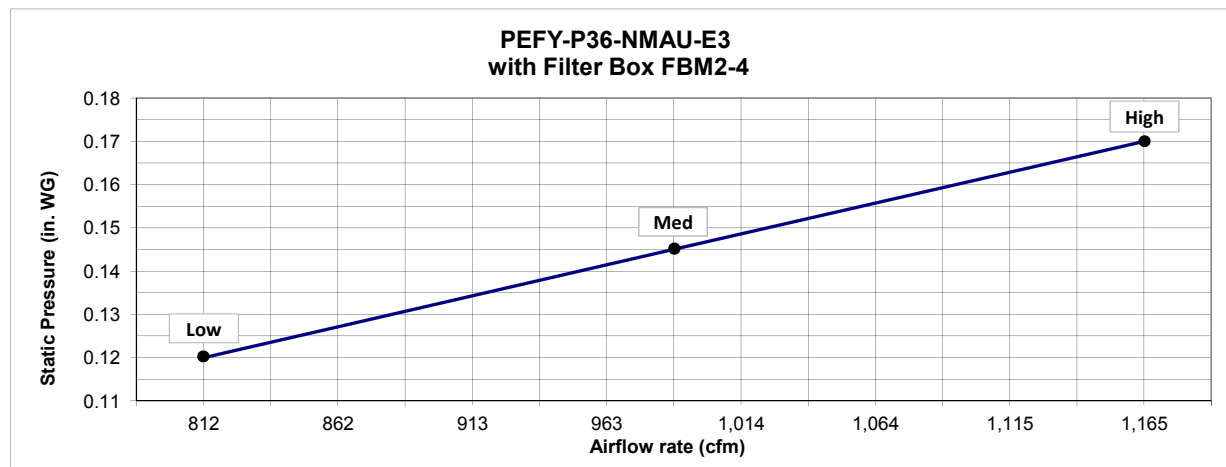
6. FAN CHARACTERISTIC CURVES

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



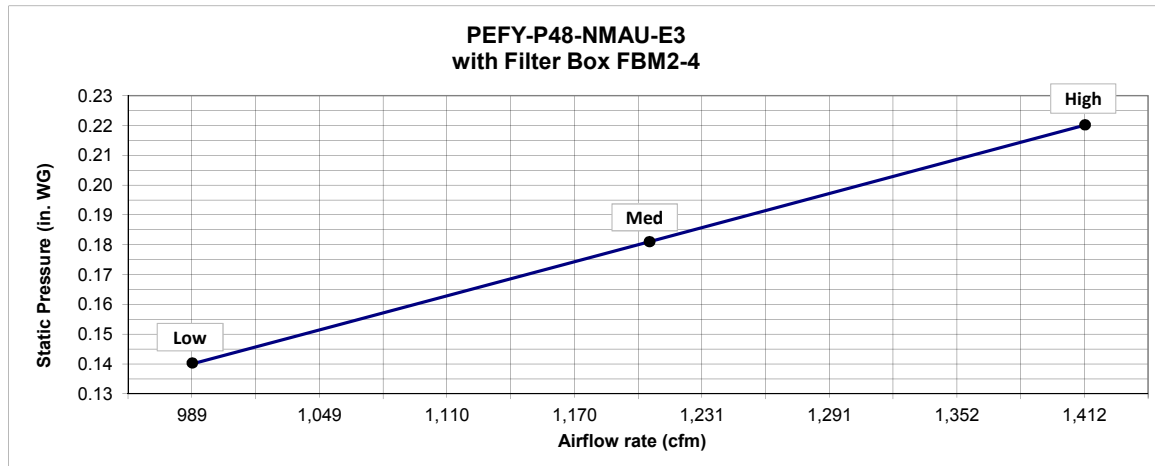
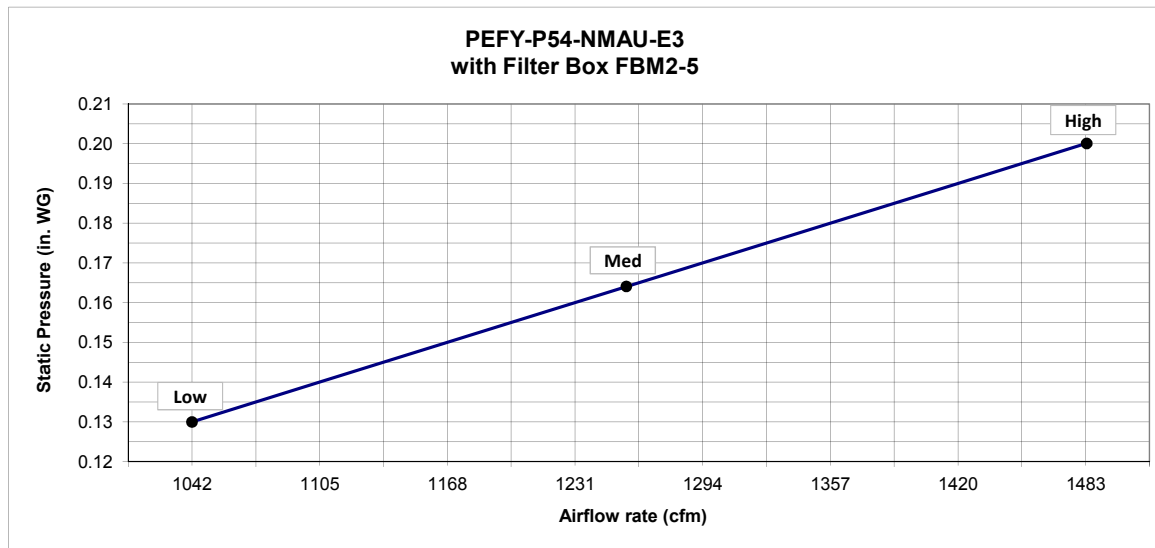
6. FAN CHARACTERISTIC CURVES

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

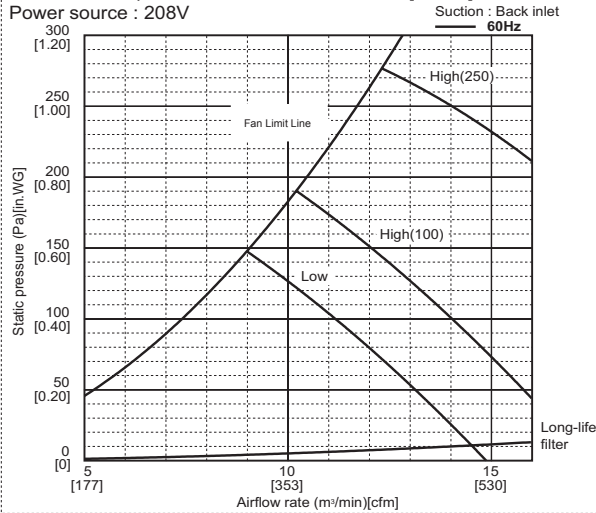


6. FAN CHARACTERISTIC CURVES

PEFY-P15,18NMHU-E2

External static pressure : 100,250Pa,0.40,1.00[in.WG]

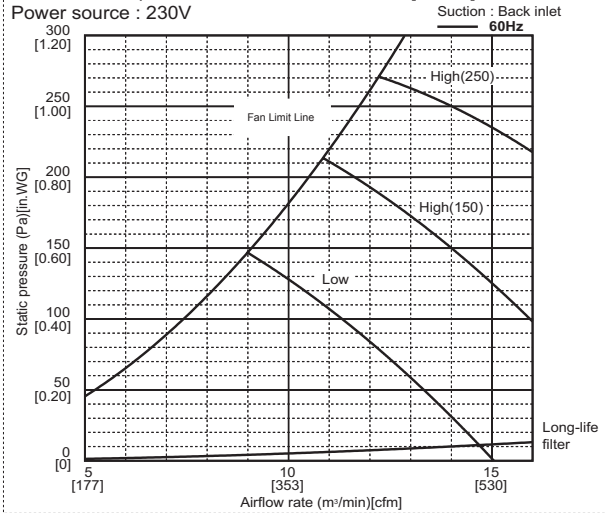
Power source : 208V



PEFY-P15,18NMHU-E2

External static pressure : 150,250Pa,0.60,1.00[in.WG]

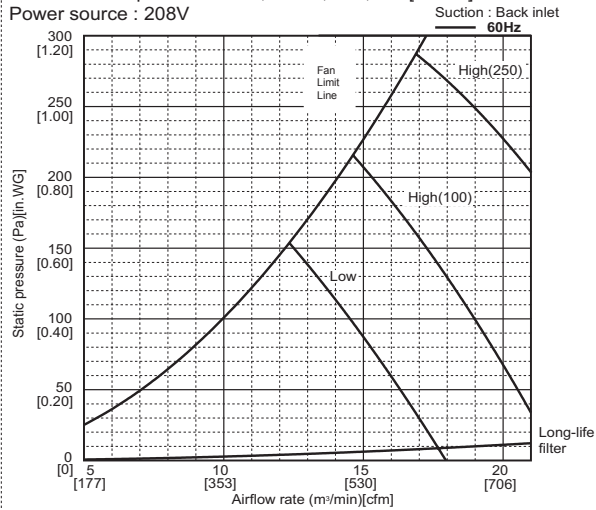
Power source : 230V



PEFY-P24NMHU-E2

External static pressure : 100,250Pa,0.40,1.00[in.WG]

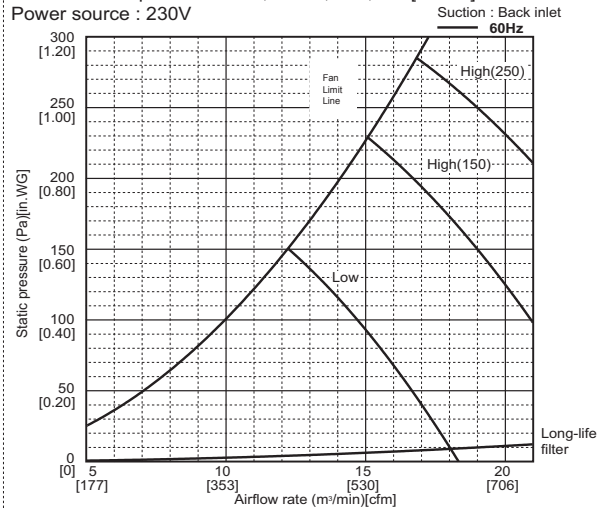
Power source : 208V



PEFY-P24NMHU-E2

External static pressure : 150,250Pa,0.60,1.00[in.WG]

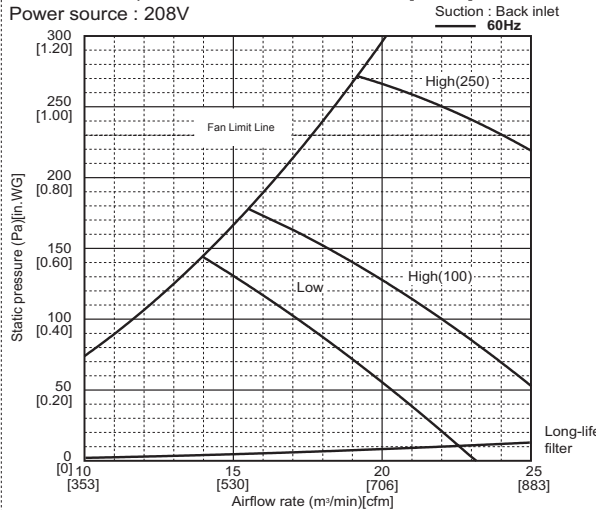
Power source : 230V



PEFY-P27NMHU-E2

External static pressure : 100,250Pa,0.40,1.00[in.WG]

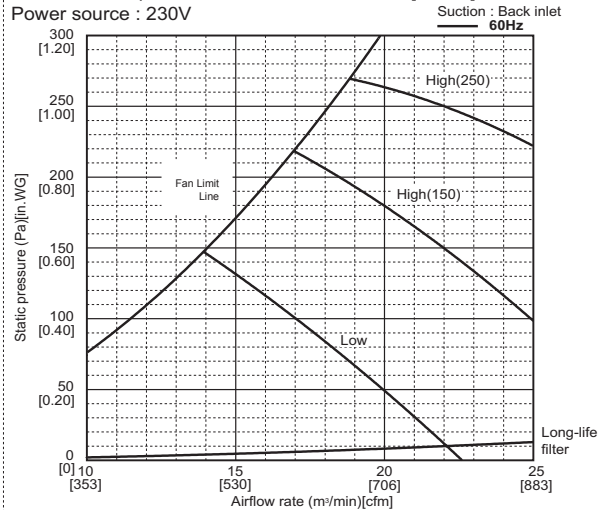
Power source : 208V



PEFY-P27NMHU-E2

External static pressure : 150,250Pa,0.60,1.00[in.WG]

Power source : 230V

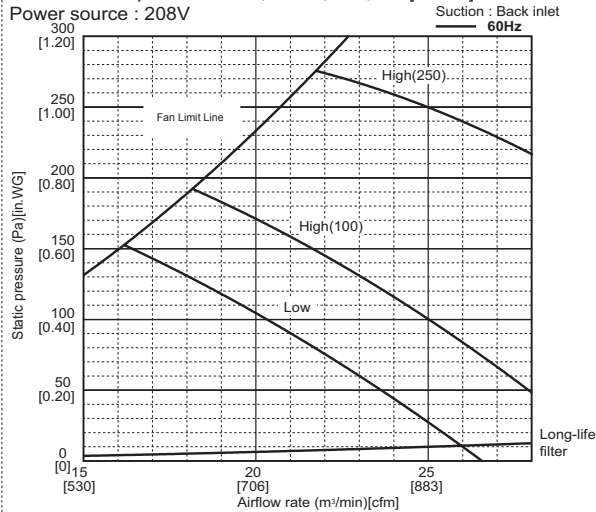


6. FAN CHARACTERISTIC CURVES

PEFY-P30NMHU-E2

External static pressure : 100,250Pa,0.40,1.00[in.WG]

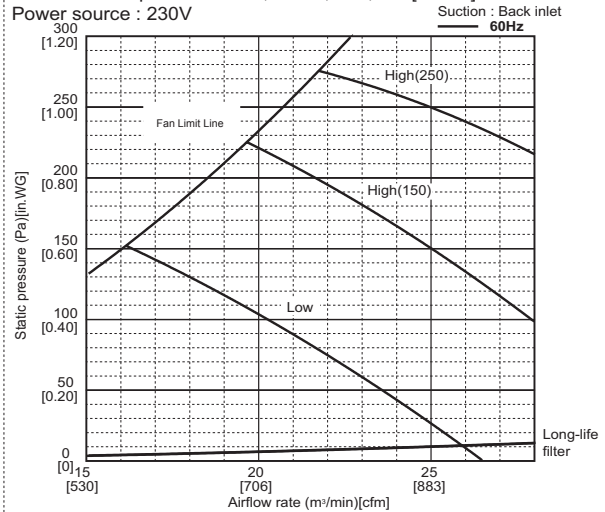
Power source : 208V



PEFY-P30NMHU-E2

External static pressure : 150,250Pa,0.60,1.00[in.WG]

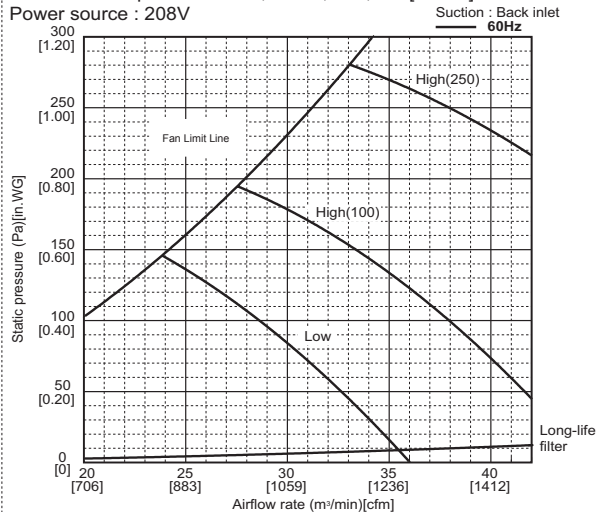
Power source : 230V



PEFY-P36,48NMHU-E2

External static pressure : 100,250Pa,0.40,1.00[in.WG]

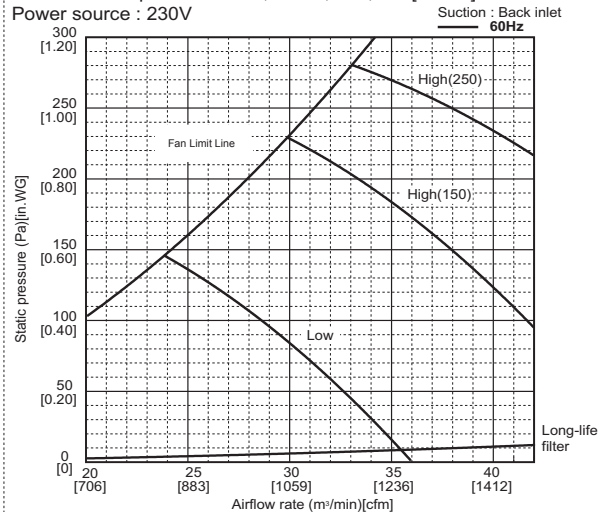
Power source : 208V



PEFY-P36,48NMHU-E2

External static pressure : 150,250Pa,0.60,1.00[in.WG]

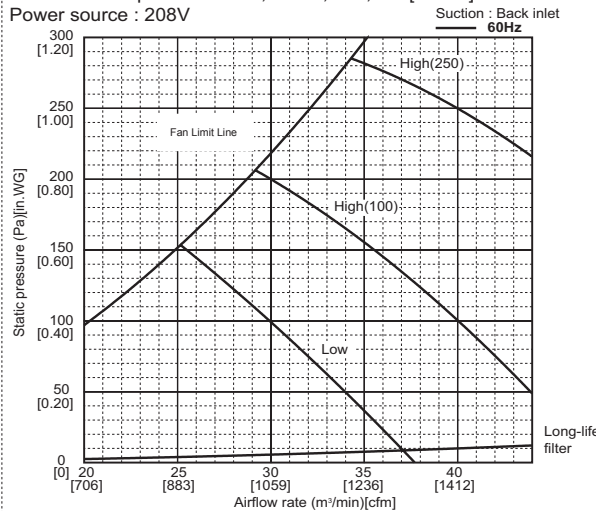
Power source : 230V



PEFY-P54NMHU-E2

External static pressure : 100,250Pa,0.40,1.00[in.WG]

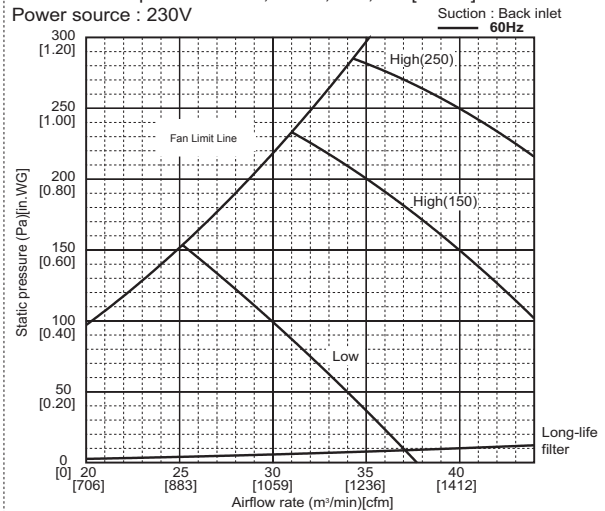
Power source : 208V



PEFY-P54NMHU-E2

External static pressure : 150,250Pa,0.60,1.00[in.WG]

Power source : 230V

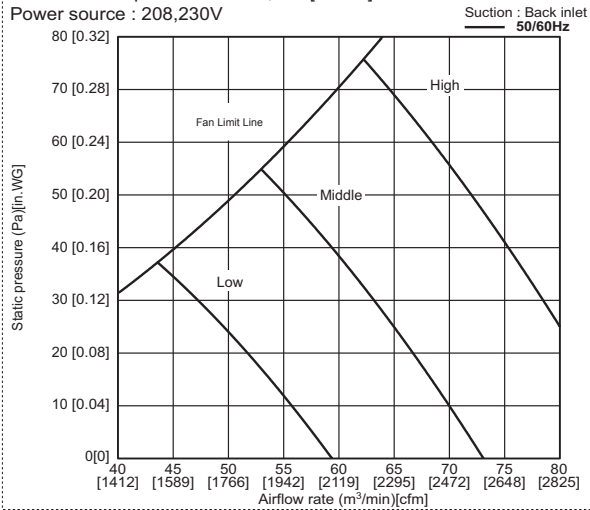


6. FAN CHARACTERISTIC CURVES

PEFY-P72NMHSU-E

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

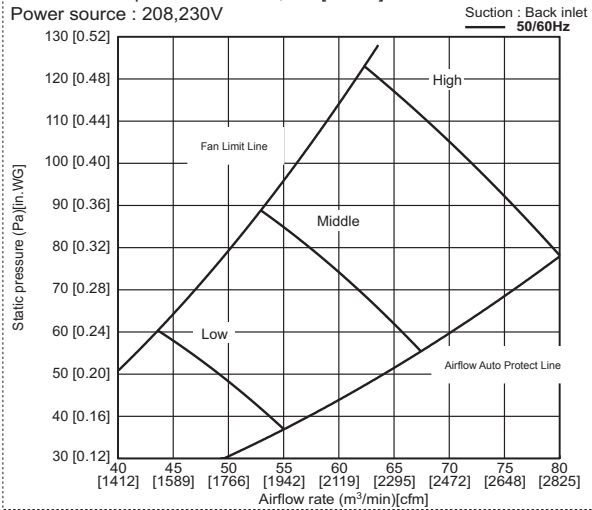
Power source : 208,230V



PEFY-P72NMHSU-E

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

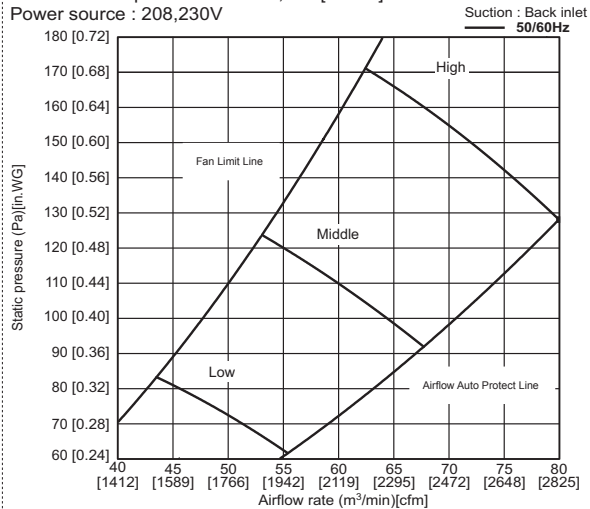
Power source : 208,230V



PEFY-P72NMHSU-E

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

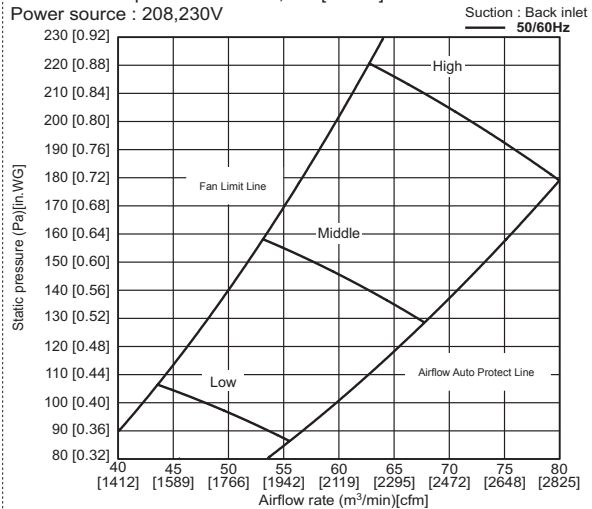
Power source : 208,230V



PEFY-P72NMHSU-E

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

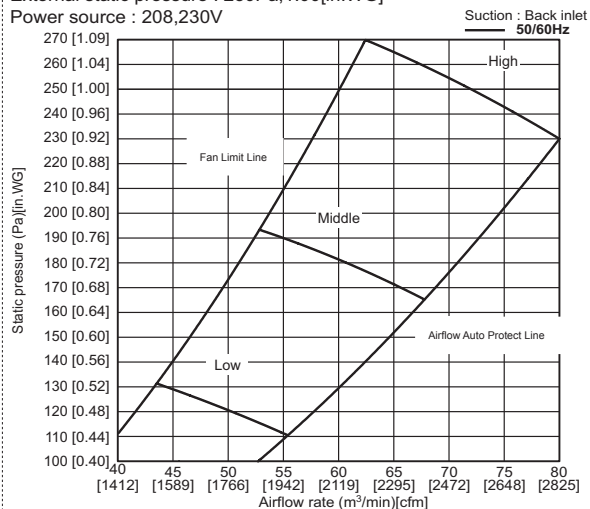
Power source : 208,230V



PEFY-P72NMHSU-E

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

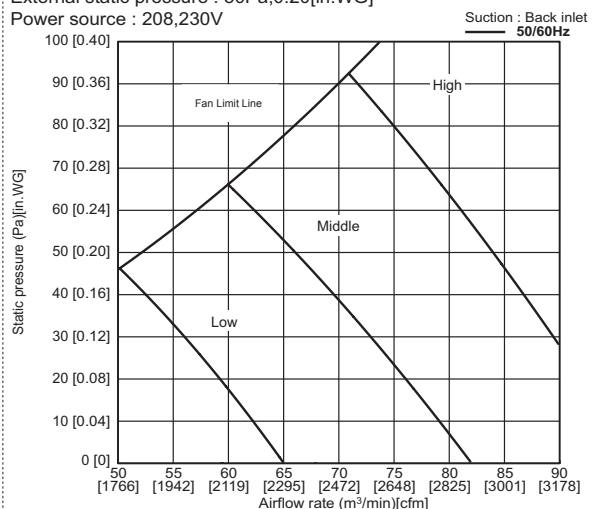
Power source : 208,230V



PEFY-P96NMHSU-E

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

Power source : 208,230V

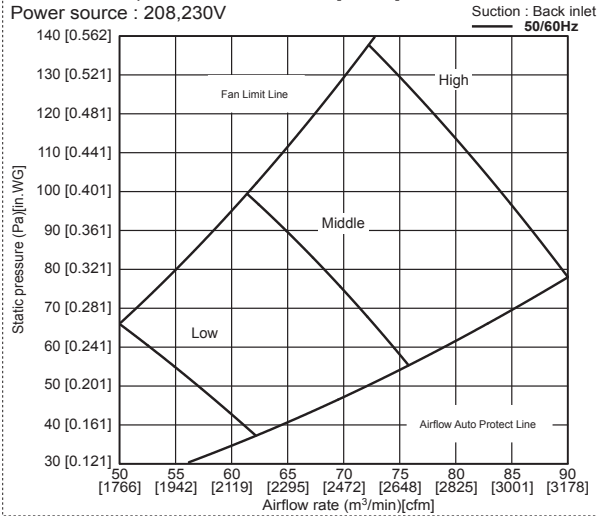


6. FAN CHARACTERISTIC CURVES

PEFY-P96NMHSU-E

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

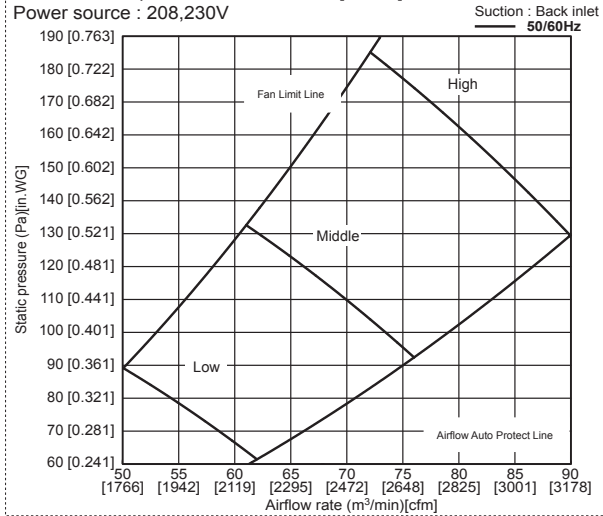
Power source : 208,230V



PEFY-P96NMHSU-E

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

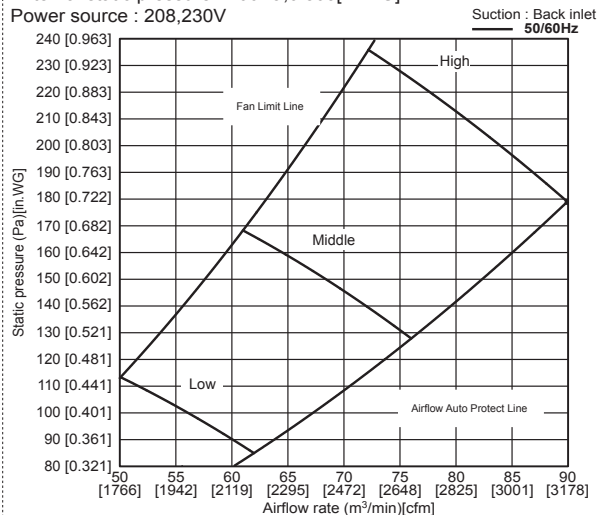
Power source : 208,230V



PEFY-P96NMHSU-E

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

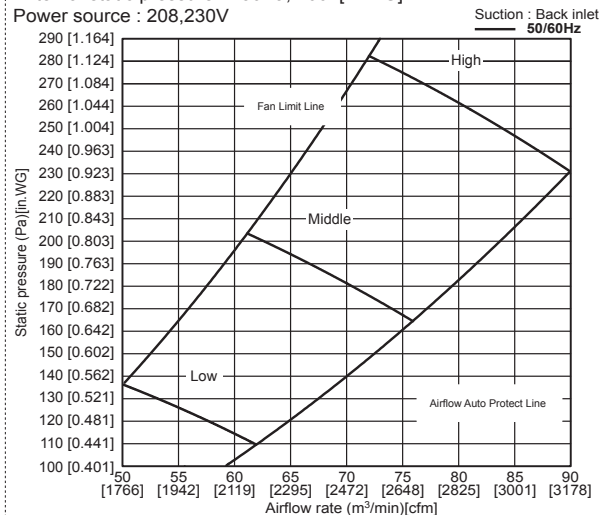
Power source : 208,230V



PEFY-P96NMHSU-E

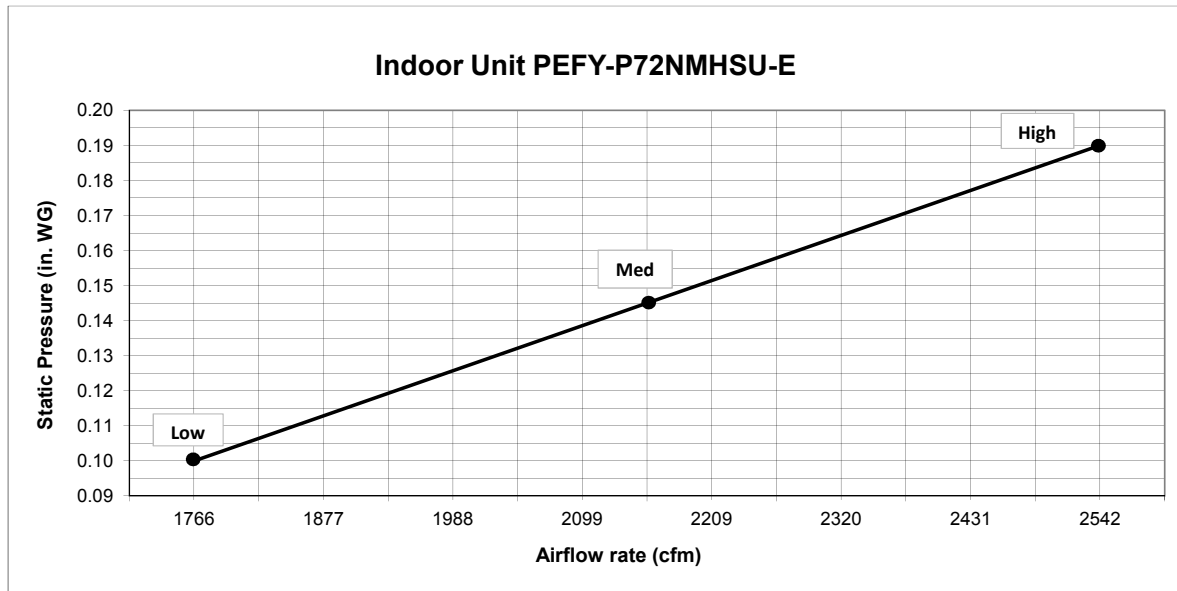
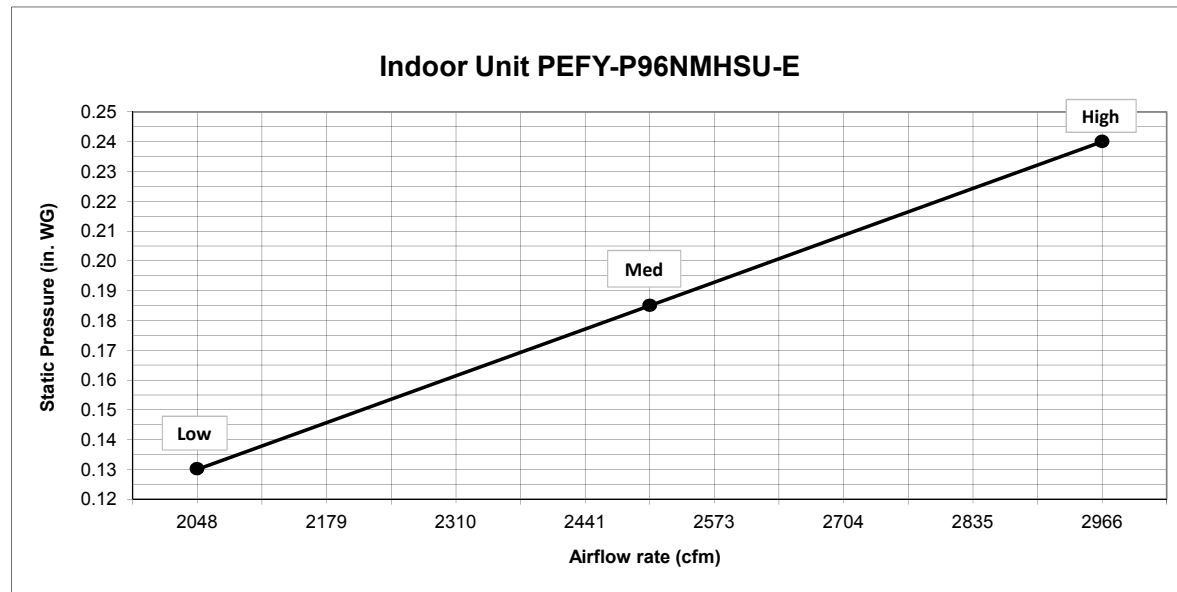
External static pressure : 250Pa,1.004[in.WG]

Power source : 208,230V



6. FAN CHARACTERISTIC CURVES

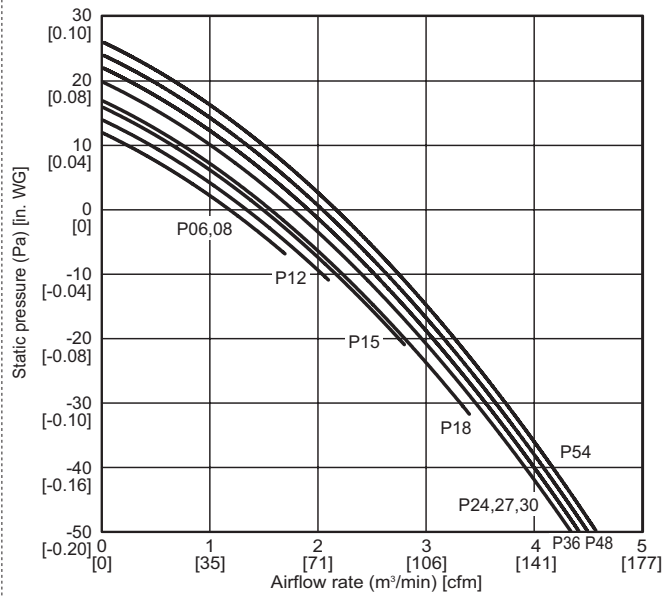
Initial Filter Pressure Drop Curves with Optional 2" MERV 13 Filter(s) Installed - PEFY-NMHSU



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

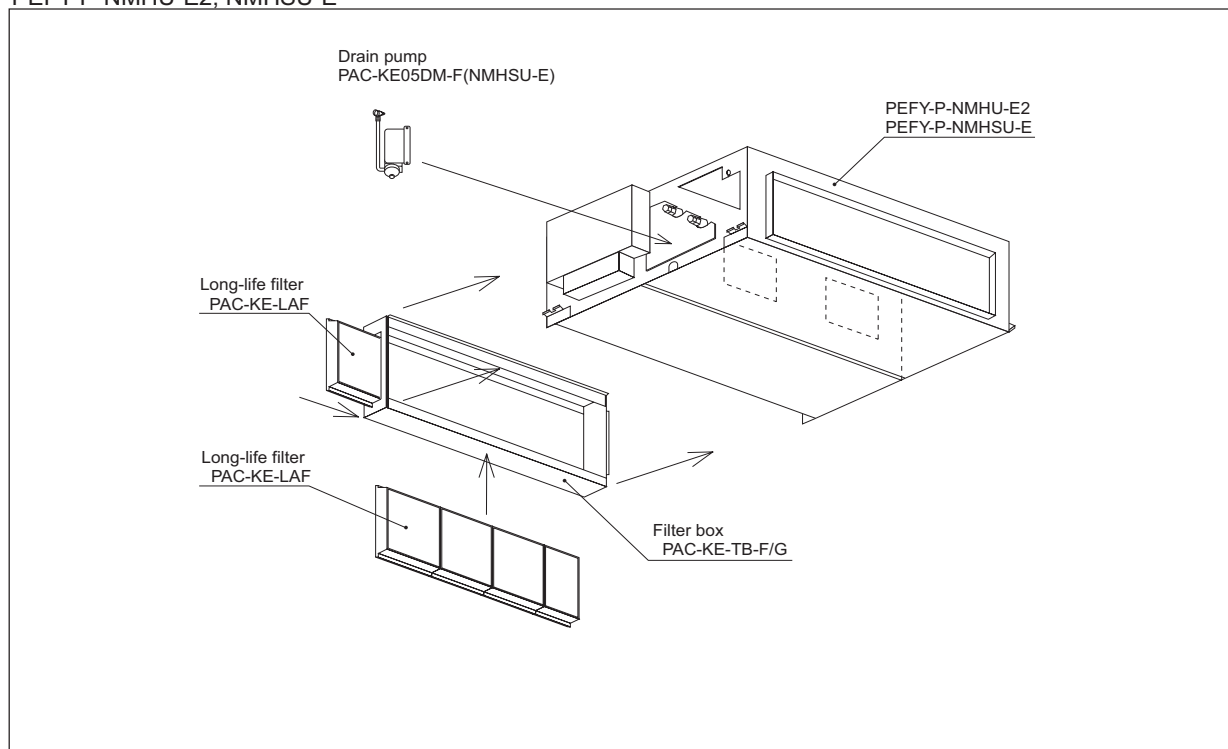


8. OPTIONAL PARTS

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-E2	-	-	FBH2-1	-	CN24RELAY-KIT-CM3
PEFY-P27,30NMHU-E2	-	-	FBH2-2	-	CN24RELAY-KIT-CM3
PEFY-P36,48,54NMHU-E2	-	-	FBH2-3	-	CN24RELAY-KIT-CM3
PEFY-P72-96NMHSU-E	-	-	FBH4-4	PAC-KE05DM-F	CN24RELAY-KIT-CM3

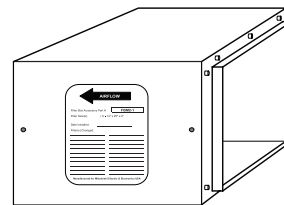
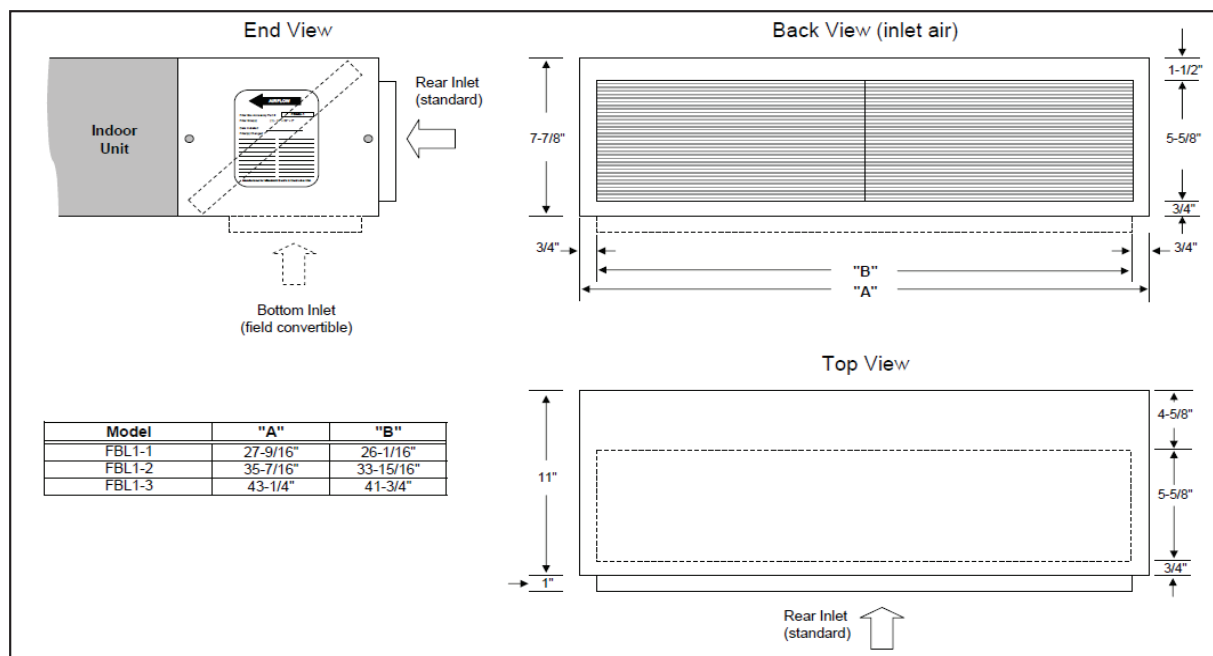
PEFY-P-NMHU-E2, NMHSU-E



8. OPTIONAL PARTS

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

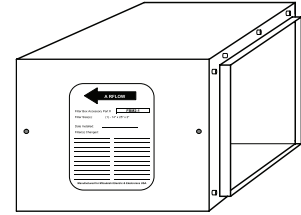
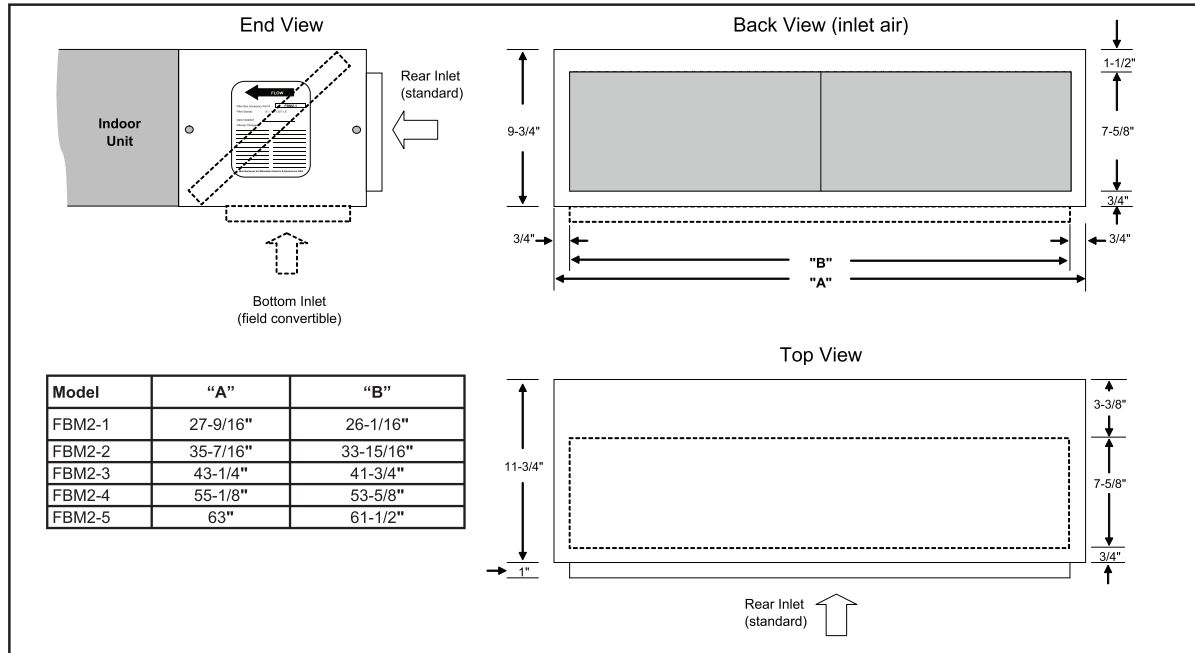


8. OPTIONAL PARTS

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

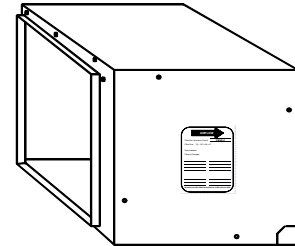
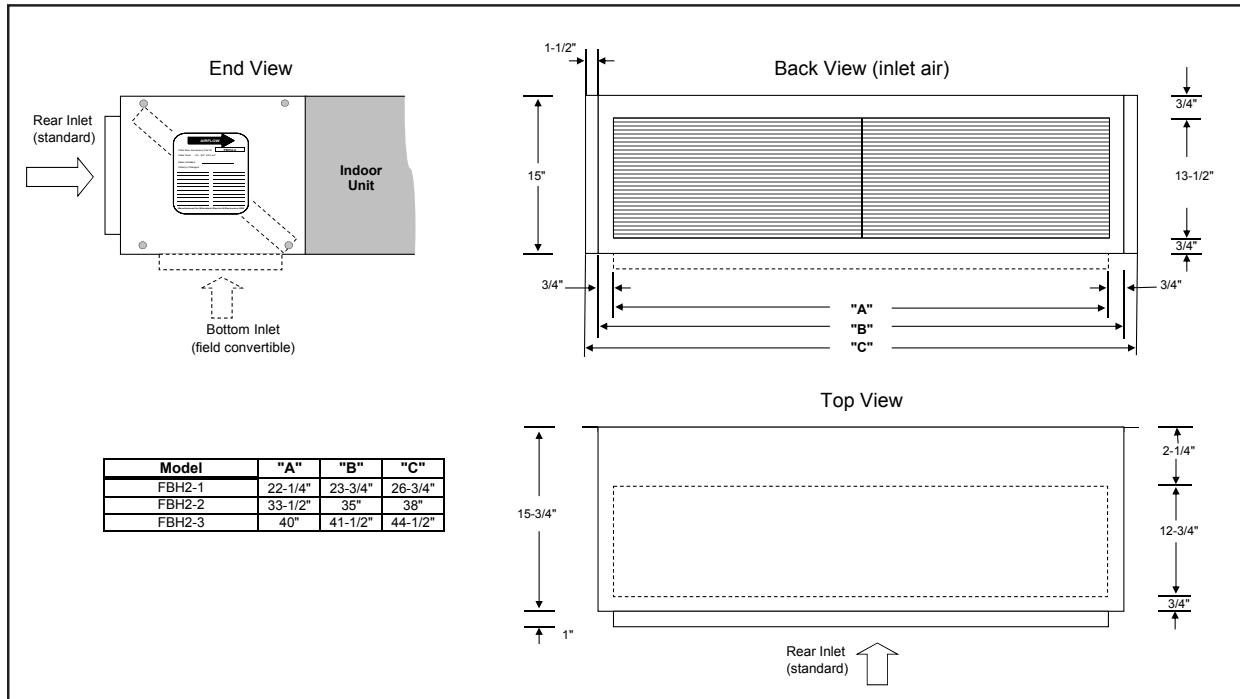


8. OPTIONAL PARTS

8-4. FBH2-Series MERV 13 Filter Boxes for PEFY-P-NMHU-E2

Meet LEED requirement of MERV 13.

Part No.	Used on CITY MULTI Models	Filters Included	Ship Weight (lbs.)	Net Weight (lbs.)
FBH2-1	PEFY-P15, P18, P24-NMHU-E2	(1) - 20" x 24" x 2"	16	14
FBH2-2	PEFY-P27, P30-NMHU-E2	(1) - 20" x 16" x 2", (1) - 20" x 20" x 2"	26	24
FBH2-3	PEFY-P36, P48 P54-NMHU-E2	(2) - 20" x 20" x 2"	29	27

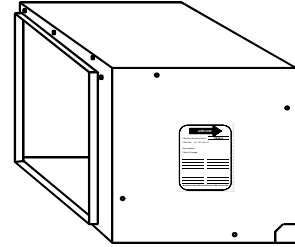
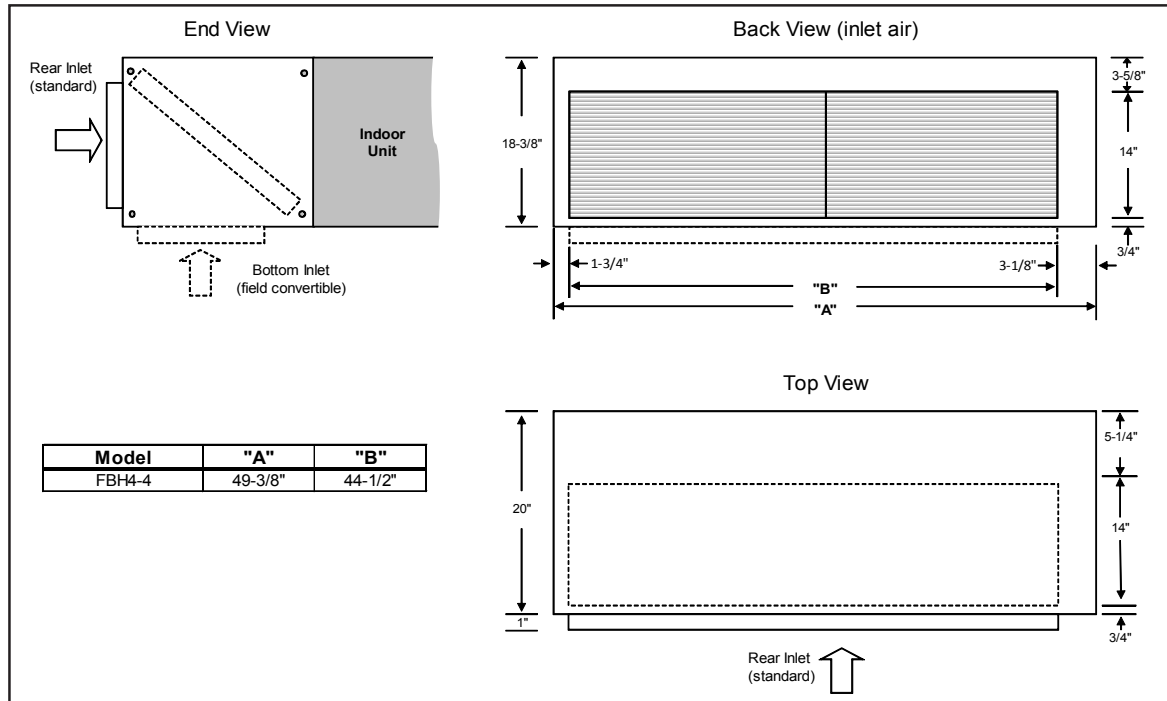


8. OPTIONAL PARTS

8-5. FBH4-Series MERV 13 Filter Boxes for PEFY-P72,96NMHSU-E

Meet LEED requirement of MERV 13.

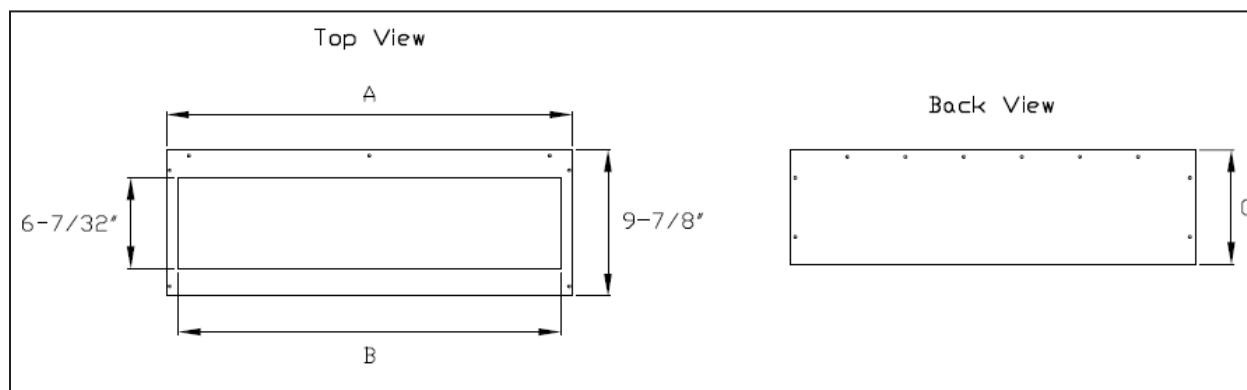
Part No.	Used on CITY MULTI Models	Filters Included	Ship Weight (lbs.)	Net Weight (lbs.)
FBH4-4	PEFY-P72, P96NMHSU-E	(2) - 24" x 24" x 4"	44	40



8. OPTIONAL PARTS

8-6. 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"

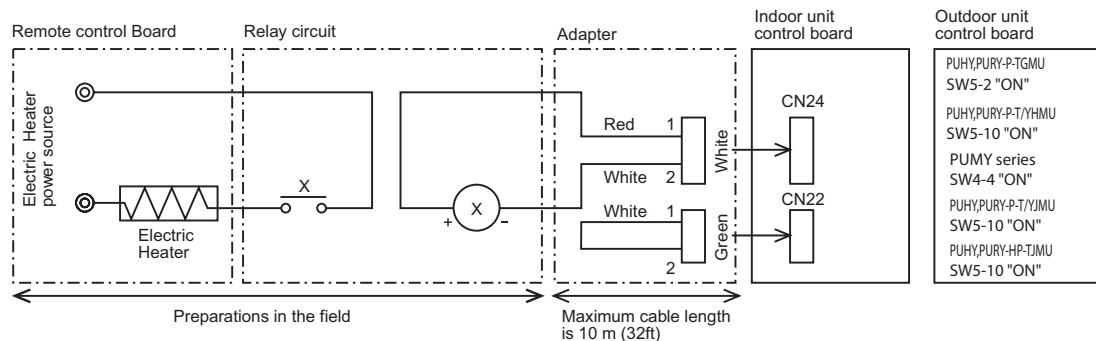
8. OPTIONAL PARTS

8-7. External Heater Adapter CN24RELAY-KIT-CM3 for PEFY-P-NMHU-E2,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)

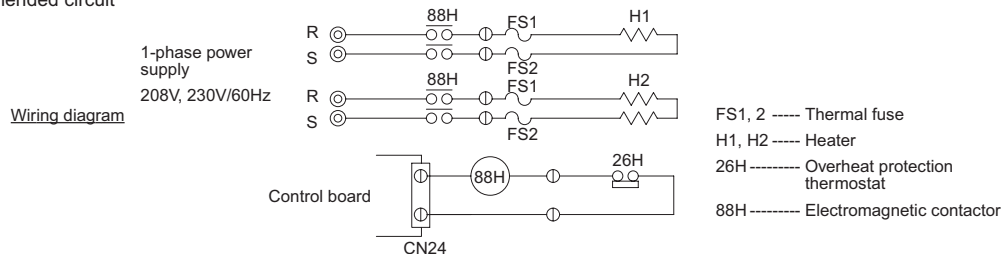
To extend this length, use sheathed 2-core cable.

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.

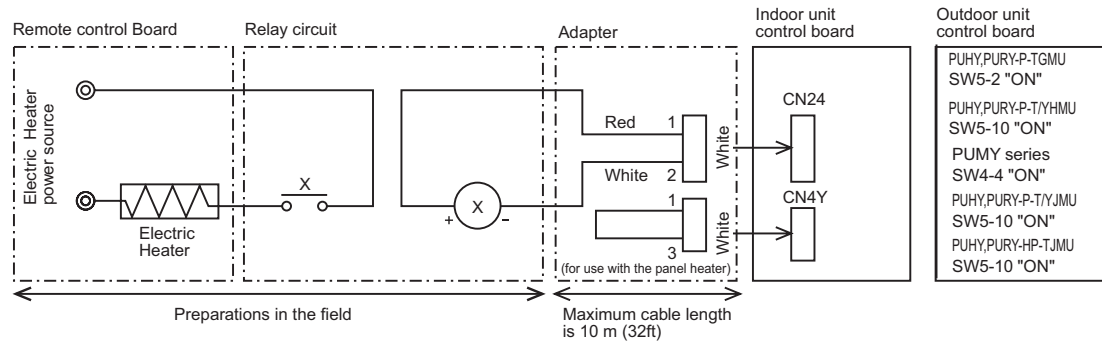
8. OPTIONAL PARTS

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)

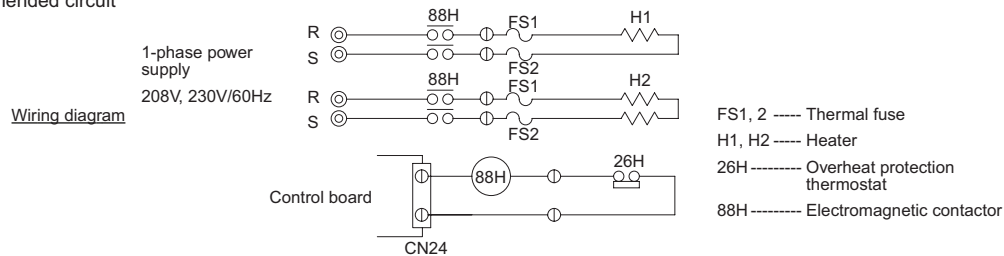
To extend this length, use sheathed 2-core cable.

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			

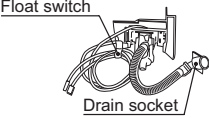
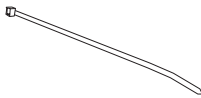
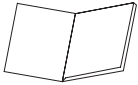
Refer to the Installation Manual for wiring and installation details.

8. OPTIONAL PARTS

8-9. 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					

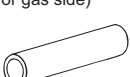
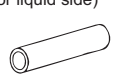
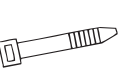
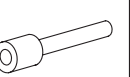
Detailed installation information should be referred to its Installation Manual (WT06249X01)

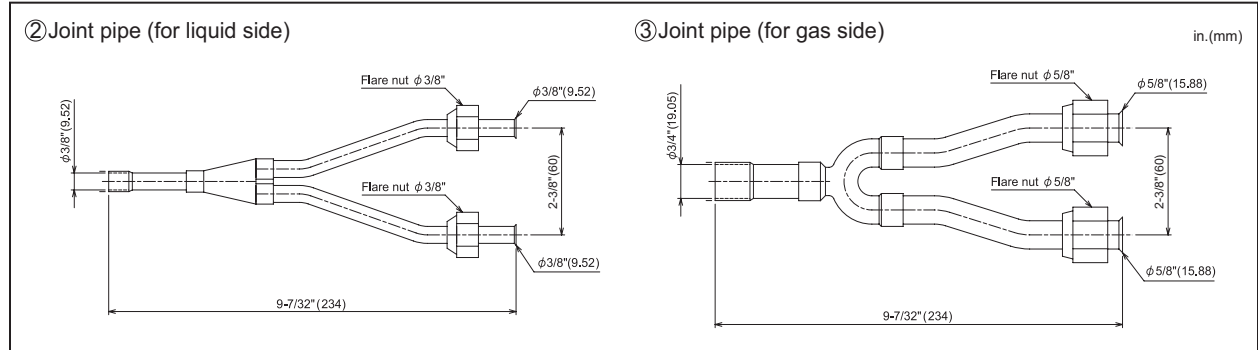
8. OPTIONAL PARTS

8-10. CMY-R160C-J Joint Adapter Kit for PEFY-NMHSU-E

CMY-R160C-J Joint Adapter Kit is used to combine two ports of the BC Controller for a PURY-P-T(S)KMU/Y(S)KMU, PURY-HP-T(S)KMU/Y(S)KMU and PQRY-P72~240T/Y(S)HMU-A system to enable downstream indoor unit capacity above P54 as shown in Figure 1.

The Joint kit include following items:

①Instructions	②Joint pipe (for liquid side)	③Joint pipe (for gas side)	④Cover 1	⑤Cover 2 (for gas side)	⑥Cover 3 (for liquid side)	⑦Band	⑧Reducer
 1pc	 1pc	 1pc	 2pcs	 1pc	 1pc	 8pcs	 2pcs



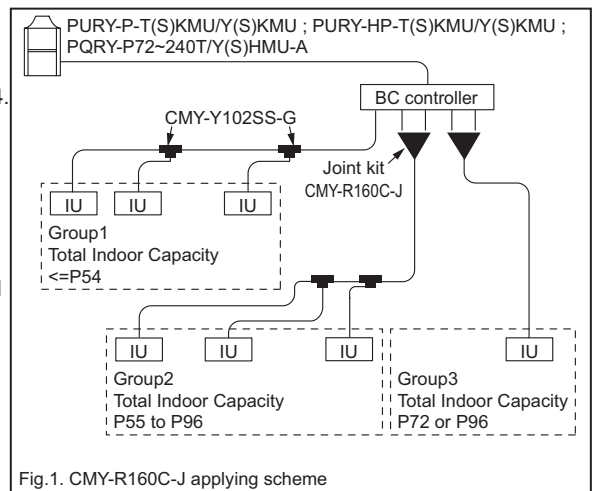
1. Designing CMY-R160C-J to a PURY-P-T(S)KMU/Y(S)KMU, PURY-HP-T(S)KMU/Y(S)KMU and PQRY-P72~240T/Y(S)HMU-A system

The maximum of Indoor capacity for one port of BC controller is P54. When the Indoor capacity is above P54, Joint kit CMY-R160-J is needed to combine two ports of BC controller to enlarge the capacity, like Groups 2 and 3 in Fig. 1.

A maximum of three Indoor units are allowed to connect to one port of BC controller or two combined ports of BC controller using CMY-R160C-J.

When connecting Indoor units to one port of BC controller or two combined ports of BC controller using CMY-R160C-J, CMY-Y102SS-G2 or CMY-Y104C-G is applicable, like Groups 1 and 2 in Fig. 1

Caution: Simultaneous operation of cooling and heating modes for Indoor units connecting to the same BC ports is not available.



2. Piping at the Installation Site

Refer to Figure 2 for connecting the CMY-R160C-J to the BC Controller and the pipe leading to the indoor units. Non-oxidized brazing is necessary. Avoid getting foreign material inside the piping. After piping installation and testing for air-tightness, insulate the joint and pipe. Details are available in the Installation Manual.

