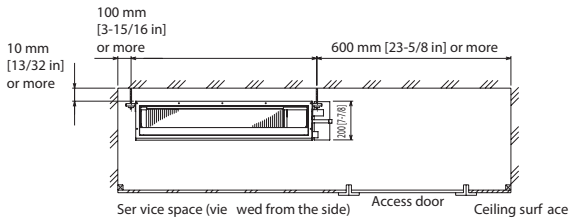
PEFY-P-NMSU-ER2, -NMAU-E2, -NMHU-E, -NMHSU-E

1. SPECIFICATIONS....PEFY-3
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   - 8-5. BRP-Series Bottom Return Plate for PEFY-P-NMSU-ER2....PEFY-61
   - 8-6. Long-life Filter PAC-KE-LAF and Filter Box PAC-KE-TB-F for PEFY-P-NMHU-E....PEFY-61
   - 8-7. External Heater Adapter CN24RELAY-KIT-CM3 for PEFY-P-NMHU-E,NMAU-E2....PEFY-62
   - 8-8. External Heater Adapter CN24RELAY-KIT-CM3 for PEFY-P-NMSU-E,NMHSU-E....PEFY-63
   - 8-9. Drain Pump Kit PAC-KE04DM-F for PEFY-P-NMHU-E....PEFY-63
   - 8-10. Drain Pump Kit PAC-KE05DM-F for PEFY-P-NMHSU-E....PEFY-64

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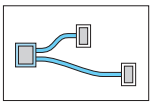
CEILING-CONCEALED (LOW/MEDIUM/HIGH-STATIC PRESSURE)

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

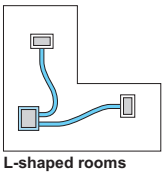


PEFY-P06,08,12,15,18,24NMSU-ER2 Model unit: mm(in.)

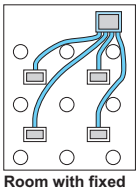
The additional external static pressure up to 0.8 in.WG on PEFY-NMHU-E provides flexibility for duct extension, branching, and air outlet configuration.



Long room



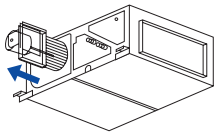
L-shaped rooms



Room with fixed ceiling fixtures

■ Maintain from just one side

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



■ 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.)

■ **PEFY-P-NMSU-ER2 has a condensate lift of 21-11/16 in., and PEFY-P-NMAU-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-E2		●	●	●	●	●	●	●	●	●	●	●		
PEFY-P-NMHU-E					●	●	●	●	●	●	●	●		
PEFY-P-NMHSU-E													●	●

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

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1. SPECIFICATIONS

Model			PEFY-P06NMSU-ER2	PEFY-P08NMSU-ER2	PEFY-P12NMSU-ER2	PEFY-P15NMSU-ER2
Power source			1-phase 208/230v 60Hz			
Cooling capacity *1 (Nominal)		Btu / h	6,000	8,000	12,000	15,000
		kW	1.8	2.3	3.5	4.4
	Power input	kW	0.05/0.05	0.06/0.06	0.07/0.07	0.07/0.07
	Current input	A	0.42/0.41	0.51/0.49	0.56/0.53	0.57/0.55
Heating capacity *2 (Nominal)		Btu / h	6,700	9,000	13,500	17,000
		kW	2.0	2.6	4.0	5.0
	Power input	kW	0.03/0.03	0.04/0.04	0.05/0.05	0.05/0.05
	Current input	A	0.32/0.31	0.41/0.39	0.46/0.43	0.47/0.45
MCA		A	0.47 / 0.50	0.47 / 0.50	0.68 / 0.74	1.20 / 1.33
External finish			Galvanized			
External dimension H x W x D		in.	7-7/8 X 31-1/8 X 27-9/16	7-7/8 X 31-1/8 X 27-9/16	7-7/8 X 31-1/8 X 27-9/16	7-7/8 X 39 X 27-9/16
		mm	200 X 790 X 700	200 X 790 X 700	200 X 790 X 700	200 X 990 X 700
Net weight		Lbs (kg)	42(19)	42(19)	46(20)	54(24)
Heat exchanger			Cross fin(aluminium fin and copper tube)			
Fan *4	Type x quantity		Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	SIROCCO FAN X 3
	External Static pressure	in.WG	0.02-(0.06*)-0.14-0.20 (208V)	0.02-(0.06*)-0.14-0.20 (208V)	0.02-(0.06*)-0.14-0.20 (208V)	0.02-(0.06*)-0.14-0.20 (208V)
		PA	5-(15*)-35-50	5-(15*)-35-50	5-(15*)-35-50	5-(15*)-35-50
		in.WG	0.02-(0.06*)-0.14-0.20 (230V)	0.02-(0.06*)-0.14-0.20 (230V)	0.02-(0.06*)-0.14-0.20(230V)	0.02-(0.06*)-0.14-0.20(230V)
		PA	5-(15*)-35-50	5-(15*)-35-50	5-(15*)-35-50	5-(15*)-35-50
	Motor type		DC brushless motor			
	Driving mechanism		Direct-driven			
	Airflow rate (Low-Mid-High)	cfm	176-212-247	194-247-317	211-282-370	282-335-388
		m^3 / min.	5-6-7	5.5-7-9	6-8-10.5	8-9.5-11
		L / s	83-100-117	91-116-150	100-133-175	133-158-183
Sound pressure level (Low-Mid-High) (Measured in anechoic room) *4		dB <A>	22-24-28 (208V)	23-26-30 (208V)	23-28-35 (208V)	28-30-33 (208V)
		dB<A>	22-24-28 (230V)	23-26-30 (230V)	23-28-35 (230V)	28-30-33 (230V)
Insulation material			Polystyrene foam,polyethylene foam,urethane foam			
Air filter			PP honeycomb fabric (washable)			
Protection Device			Fuse			
Refrigerant Control Device			LEV			
Connectable Outdoor Unit			R410A CITY MULTI *3	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	1/4 (6.35) Brazed	1/4 (6.35) Brazed	1/4 (6.35) Brazed	1/4 (6.35) Brazed
	Gas (R410A)	in. (mm)	1/2 (12.7) Brazed	1/2 (12.7) Brazed	1/2 (12.7) Brazed	1/2 (12.7) Brazed
Diameter of drain pipe		in. (mm)	O.D. 1-1/4(32)	O.D. 1-1/4(32)	O.D. 1-1/4(32)	O.D. 1-1/4(32)
Drain lift mechanism		in. (mm)	21-11/16 (551)	21-11/16 (551)	21-11/16 (551)	21-11/16 (551)
Drawing	External		WKB94L522			
	Wiring		WKB94L523			
Standard Attachment	Document		Installation manual, instruction book			
	Accessory		Drain hose (flexible joint)			
Optional Parts	External heater adaptor		CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3
Remark	Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.					
	Installation	Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.				

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

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1. SPECIFICATIONS

Model			PEFY-P18NMSU-ER2	PEFY-P24NMSU-ER2
Power source			1-phase 208/230V 60Hz	
Cooling capacity *1 (Nominal)		Btu / h	18,000	24,000
		kW	5.3	7.0
	Power input	kW	0.09/0.09	0.12/0.12
	Current input	A	0.74/0.70	0.98/0.93
Heating capacity *2 (Nominal)		Btu / h	20,000	27,000
		kW	5.9	7.9
	Power input	kW	0.07/0.07	0.10/0.10
	Current input	A	0.64/0.60	0.88/0.83
MCA		A	1.20 / 1.33	1.57 / 1.73
External finish			Galvanized	
External dimension H x W x D		in.	7-7/8 x 39 x 27-9/16	7-7/8 x 46-7/8 x 27-9/16
		mm	200 x 990 x 700	200 x 1190 x 700
Net weight		Lbs (kg)	54(24)	62(28)
Heat exchanger			Cross fin(Aluminium fin and copper tube)	
Fan *3	Type x quantity		Sirocco fan x 3	Sirocco fan x 4
	External Static pressure	in.WG	0.02-(0.06*)-0.14-0.20 (208V)	0.02-(0.06*)-0.14-0.20(208V)
		PA	5-(15*)-35-50	5-(15*)-35-50
		in.WG	0.02-(0.06*)-0.14-0.20 (230V)	0.02-(0.06*)-0.14-0.20(230V)
		PA	5-(15*)-35-50	5-(15*)-35-50
	Motor type		DC brushless motor	
	Driving mechanism		Direct-driven	
	Airflow rate (Low-Mid-High)	cfm	353-441-529	423-565-706
		m^3 / min.	10-12.5-15	12-16-20
		L / s	167-208-250	200-267-333
Sound pressure level (Low-Mid-High) (Measured in anechoic room) *3		dB <A>	30-34-37 (208V)	30-35-40 (208V)
		dB<A>	30-34-37 (230V)	30-35-40 (230V)
Insulation material			Polystyrene foam,Polyethylene foam,Urethane foam	
Air filter			PP Honeycomb fabric (washable)	
Protection Device			Fuse	
Refrigerant Control Device			LEV	
Connectable Outdoor Unit			R410A CITY MULTI	R410A CITY MULTI
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	1/4 (6.35) Brazed	3/8 (9.52) Brazed
	Gas (R410A)	in. (mm)	1/2 (12.7) Brazed	5/8 (15.88) Brazed
Diameter of drain pipe		in. (mm)	O.D. 1-1/4(32)	O.D. 1-1/4(32)
Drain lift mechanism		in. (mm)	21-11/16 (551)	21-11/16 (551)
Drawing	External		WKB94L522	
	Wiring		WKB94L523	
Standard Attachment	Document		Installation Manual, Instruction Book	
	Accessory		Drain hose (flexible joint)	
Optional Parts	External heater adaptor		CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3
Remark			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	

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

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860
			BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31
			lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The external static pressure is set to 15 Pa (0.06 in. WG) at factory shipment.			
*Due to continuing improvement, above specification may be subject to change without notice.			

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1. SPECIFICATIONS

Model				PEFY-P06NMAU-E2	PEFY-P08NMAU-E2	PEFY-P12NMAU-E2	PEFY-P15NMAU-E2
Power source				1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz
Cooling capacity		*1	BTU/h	6,000	8,000	12,000	15,000
		*1	kW	1.8	2.3	3.5	4.4
	*3	Power input	kW	0.060	0.060	0.090	0.090
	*3	Current input	A	0.56	0.56	0.66	0.67
Heating capacity		*2	BTU/h	6,700	9,000	13,500	17,000
		*2	kW	2.0	2.6	4.0	5.0
	*3	Power input	kW	0.040	0.040	0.070	0.070
	*3	Current input	A	0.45	0.45	0.55	0.56
External finish				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
External dimension HxWxD			inch	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8
			mm	250 x 700 x 732	250 x 700 x 732	250 x 700 x 732	250 x 900 x 732
Net weight			lbs (kg)	49 (22)	49 (22)	49 (22)	58 (26)
Heat exchanger				Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)
FAN	Type x Quantity			Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1
*4	External static press.		in.WG	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>
			Pa	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>
	Motor Type			DC motor	DC motor	DC motor	DC motor
	Driving mechanism			Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor
	Air flow rate			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
			cfm	212 - 265 - 300	212 - 265 - 300	265 - 318 - 371	353 - 424 - 494
			m^3/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	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam
Air filter				PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.
Protection device				Fuse			
Refrigerant control device				LEV			
Connectable outdoor unit				R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI
Diameter of refrigerant pipe	Liquid (R410A)		inch (mm)	1/4 (6.35)Brazed	1/4 (6.35)Brazed	1/4 (6.35)Brazed	1/4 (6.35)Brazed
	Gas (R410A)		inch (mm)	1/2 (12.7)Brazed	1/2 (12.7)Brazed	1/2 (12.7)Brazed	1/2 (12.7)Brazed
Field drain pipe size			inch (mm)	O.D.1-1/4(32)	O.D.1-1/4(32)	O.D.1-1/4(32)	O.D.1-1/4(32)
Drawing	External			KD94R363	KD94R363	KD94R363	KD94R363
	Wiring			KD94R364	KD94R364	KD94R364	KD94R364
Standard attachment	Document			Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book
	Accessory			Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band
Optional parts	Filter box			FBM2-1	FBM2-1	FBM2-1	FBM2-2
	External heater adapter			CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3
Remarks				* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.			

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

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860 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.			

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1. SPECIFICATIONS

Model				PEFY-P18NMAU-E2	PEFY-P24NMAU-E2	PEFY-P27NMAU-E2	PEFY-P30NMAU-E2
Power source				1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz
Cooling capacity		*1	BTU/h	18,000	24,000	27,000	30,000
		*1	kW	5.3	7.0	7.9	8.8
	*2	Power input	kW	0.110	0.170	0.170	0.170
	*2	Current input	A	0.77	1.31	1.31	1.31
Heating capacity		*3	BTU/h	20,000	27,000	30,000	34,000
		*3	kW	5.9	7.9	8.8	10.0
	*2	Power input	kW	0.090	0.150	0.150	0.150
	*2	Current input	A	0.66	1.20	1.20	1.20
External finish				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
External dimension HxWxD			inch	9-7/8 x 35-7/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8
			mm	250 x 900 x 732	250 x 1,100 x 732	250 x 1,100 x 732	250 x 1,100 x 732
Net weight			lbs (kg)	58 (26)	67 (30)	67 (30)	67 (30)
Heat exchanger				Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)
FAN	Type x Quantity			Sirocco fan x 1	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2
*4	External static press.		in.WG	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>
			Pa	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>
	Motor Type			DC motor	DC motor	DC motor	DC motor
	Driving mechanism			Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor
	Air flow rate			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
			cfm	424 - 512 - 600	618 - 742 - 883	618 - 742 - 883	618 - 742 - 883
			m^3/min	12.0 - 14.5 - 17.0	17.5 - 21.0 - 25.0	17.5 - 21.0 - 25.0	17.5 - 21.0 - 25.0
			L/s	200 - 242 - 283	292 - 350 - 417	292 - 350 - 417	292 - 350 - 417
Sound pressure level (measured in anechoic room)				(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
		*2	dB <A>	28-32-35	30-34-39	30-34-39	30-34-39
Insulation material				EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam
Air filter				PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.
Protection device				Fuse			
Refrigerant control device				LEV			
Connectable outdoor unit				R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI
Diameter of refrigerant pipe	Liquid	(R410A)	inch (mm)	1/4 (6.35)Brazed	3/8 (9.52)Brazed	3/8 (9.52)Brazed	3/8 (9.52)Brazed
	Gas	(R410A)	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			KD94R363	KD94R363	KD94R363	KD94R363
	Wiring			KD94R364	KD94R364	KD94R364	KD94R364
Standard attachment	Document			Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book
	Accessory			Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band
Optional parts	Filter box			FBM2-2	FBM2-3	FBM2-3	FBM2-3
	External heater adapter			CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3
Remarks				* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.			

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

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860 BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31 lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) at factory shipment.			
*4 The factory setting of external static pressure is shown without < >. Refer to “Fan characteristics curves”, according to the external static pressure, in DATA BOOK for the usable range of air flow rate.			
*Due to continuing improvement, above specification may be subject to change without notice.			

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1. SPECIFICATIONS

Model				PEFY-P36NMAU-E2	PEFY-P48NMAU-E2	PEFY-P54NMAU-E2
Power source				1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz	1-phase 208/230 V 60 Hz
Cooling capacity		*1	BTU/h	36,000	48,000	54,000
		*1	kW	10.6	14.1	15.8
	*2	Power input	kW	0.240	0.340	0.360
	*°F2	Current input	A	1.50	2.08	2.24
Heating capacity		*3	BTU/h	40,000	54,000	60,000
		*3	kW	11.7	15.8	17.6
	*2	Power input	kW	0.220	0.320	0.340
	*2	Current input	A	1.39	1.97	2.13
External finish				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
External dimension HxWxD			inch	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 63 x 28-7/8
			mm	250 x 1,400 x 732	250 x 1,400 x 732	250 x 1,600 x 732
Net weight			lbs (kg)	86 (39)	86 (39)	93 (42)
Heat exchanger				Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)	Cross fin(Aluminum fin and copper tube)
FAN	Type x Quantity			Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2
*4	External static press.		in.WG	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>
			Pa	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>
	Motor Type			DC motor	DC motor	DC motor
	Driving mechanism			Direct-driven by motor	Direct-driven by motor	Direct-driven by motor
	Air flow rate			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
			cfm	812 - 989 - 1165	989 - 1201 - 1412	1042 - 1254 - 1483
			m^3/min	23.0- 28.0 - 33.0	28.0 - 34.0 - 40.0	29.5 - 35.5- 42.0
			L/s	383 - 467 - 550	467 - 567 - 667	492 - 592 - 700
Sound pressure level (measured in anechoic room)				(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
			*2 dB <A>	32-37-41	35-40-44	36-41-45
Insulation material				EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam
Air filter				PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.
Protection device				Fuse		
Refrigerant control device				LEV		
Connectable outdoor unit				R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI
Diameter of refrigerant pipe	Liquid	(R410A)	inch (mm)	3/8 (9.52)Brazed	3/8 (9.52)Brazed	3/8 (9.52)Brazed
	Gas	(R410A)	inch (mm)	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)
Drawing	External			KD94R363	KD94R363	KD94R363
	Wiring			KD94R364	KD94R364	KD94R364
Standard attachment	Document			Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book
	Accessory			Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band	Insulation pipe for refrigerant pipe, Washer, Drain hose, Tie band
Optional parts	Filter box			FBM2-4	FBM2-4	FBM2-5
	External heater adapter			CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3
Remarks				* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.		

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

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860 BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31 lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) at factory shipment.			
*4 The factory setting of external static pressure is shown without < >. Refer to “Fan characteristics curves”, according to the external static pressure, in DATA BOOK for the usable range of air flow rate.			
*Due to continuing improvement, above specification may be subject to change without notice.			

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1. SPECIFICATIONS

Model				PEFY-P15NMHU-E	PEFY-P18NMHU-E	PEFY-P24NMHU-E	PEFY-P27NMHU-E
Power source				1-phase 208/230 V 60Hz			
Cooling capacity		*1	BTU / h	15,000	18,000	24,000	27,000
(Nominal)		*1	kW	4.4	5.3	7.0	7.9
*3	Power input		kW	0.188/0.207	0.188/0.207	0.245/0.270	0.270/0.297
*3	Current input		A	0.96/1.06	0.96/1.06	1.25/1.38	1.37/1.51
Heating capacity		*2	BTU / h	17,000	20,000	27,000	30,000
(Nominal)		*2	kW	5.0	5.9	7.9	8.8
*3	Power input		kW	0.188/0.207	0.188/0.207	0.245/0.270	0.270/0.297
*3	Current input		A	0.96/1.06	0.96/1.06	1.25/1.38	1.37/1.51
External finish				Galvanized			
External dimension H x W x D			in.	14-31/32 x 29-17/32 x 35-7/16	14-31/32 x 29-17/32 x 35-7/16	14-31/32 x 29-17/32 x 35-7/16	14-31/32 x 39-3/8 x 35-7/16
			mm	380 x 750 x 900	380 x 750 x 900	380 x 750 x 900	380 x 1,000 x 900
Net weight			lbs (kg)	98 (44)	100 (45)	100 (45)	111 (50)
Heat exchanger				Cross fin(Aluminium fin and copper tube)			
FAN	Type x Quantity			Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1
*4	External-static press	(208V)	in.WG	<N/A>-0.20-<0.64>	<N/A>-0.20-<0.64>	<N/A>-0.20-<0.64>	<N/A>-0.20-<0.64>
			Pa	<N/A>-50-<160>	<N/A>-50-<160>	<N/A>-50-<160>	<N/A>-50-<160>
		(230V)	in.WG	<0.40>-0.60-<0.80>	<0.40>-0.60-<0.80>	<0.40>-0.60-<0.80>	<0.40>-0.60-<0.80>
			Pa	<100>-150-<200>	<100>-150-<200>	<100>-150-<200>	<100>-150-<200>
	Motor type			1-phase induction motor			
	Driving mechanism			Direct-driven			
	Airflow rate		cfm	353-494	353-494	477-671	547-777
	(Low-High)		m3 / min	10.0-14.0	10.0-14.0	13.5-19.0	15.5-22.0
			L / s	167-233	167-233	225-317	258-367
Sound pressure level (Low-High)			dB <A>	25-32 (208V)	25-32 (208V)	29-36 (208V)	30-38 (208V)
(measured in anechoic room)		*3	dB <A>	34-39 (230V)	34-39 (230V)	36-41 (230V)	35-41 (230V)
Insulation material				Polystyrene foam,Polyethylene foam,Urethane foam			
Air filter				Optional			
Protection device				Fuse			
Refrigerant control device				LEV			
Connectable outdoor unit				R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI
Diameter of refrigerant pipe (O.D.)	Liquid	(R410A)	in. (mm)	1/4 (6.35) Flare	1/4 (6.35) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare
	Gas	(R410A)	in. (mm)	1/2 (12.7) Flare	1/2 (12.7) Flare	5/8 (15.88) Flare	5/8 (15.88) Flare
Field drain pipe size			in. (mm)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)
Drawing	External			W277664			
	Wiring			W660134			
Standard attachment	Document			Installation Manual,Installation Book			
	Accessory			Drain hose I.D. 1-1/4inch (32mm)(flexible joint)			
Optional parts	Drain pump			PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F
	External heater adapter			CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3
	Filter box			PAC-KE63TB-F	PAC-KE63TB-F	PAC-KE63TB-F	PAC-KE80TB-F
	Long life filter			PAC-KE86LAF	PAC-KE86LAF	PAC-KE86LAF	PAC-KE88LAF
Remarks				*Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *Due to continuing improvement, above specification may be subject to change without notice.			

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

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860 BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31 lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) for 208V and 150 Pa (0.60) for 230V at factory shipment.			
*4 The factory setting of external static pressure is shown without < >. Refer to “Fan characteristics curves”, according to the external static pressure, in DATA BOOK for the usable range of air flow rate.			
*Due to continuing improvement, above specification may be subject to change without notice.			

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1. SPECIFICATIONS

Model			PEFY-P30NMHU-E	PEFY-P36NMHU-E	PEFY-P48NMHU-E	PEFY-P54NMHU-E
Power source			1-phase 208/230 V 60Hz			
Cooling capacity *1		BTU / h	30,000	36,000	48,000	54,000
(Nominal) *1		kW	8.8	10.6	14.1	15.8
*3	Power input	kW	0.326/0.360	0.683/0.754	0.683/0.754	0.695/0.767
*3	Current input	A	1.66/1.83	3.38/3.73	3.38/3.73	3.43/3.78
Heating capacity *2		BTU / h	34,000	40,000	54,000	60,000
(Nominal) *2		kW	10.0	11.7	15.8	17.6
*3	Power input	kW	0.326/0.360	0.683/0.754	0.683/0.754	0.695/0.767
*3	Current input	A	1.66/1.83	3.38/3.73	3.38/3.73	3.43/3.78
External finish			Galvanized			
External dimension H x W x D		in.	14-31/32 x 39-3/8 x 35-7/16	14-31/32 x 47-1/4 x 35-7/16	14-31/32 x 47-1/4 x 35-7/16	14-31/32 x 47-1/4 x 35-7/16
		mm	380 x 1,000 x 900	380 x 1,200 x 900	380 x 1,200 x 900	380 x 1,200 x 900
Net weight		lbs (kg)	111 (50)	155 (70)	155 (70)	155 (70)
Heat exchanger			Cross fin(Aluminium fin and copper tube)			
FAN	Type x Quantity		Sirocco fan x 1	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2
*4	External-static press (208V)	in.WG	<N/A>-0.20-<0.64>	<N/A>-0.20-<0.64>	<N/A>-0.20-<0.64>	<N/A>-0.20-<0.64>
		Pa	<N/A>-50-<160>	<N/A>-50-<160>	<N/A>-50-<160>	<N/A>-50-<160>
	(230V)	in.WG	<0.40>-0.60-<0.80>	<0.40>-0.60-<0.80>	<0.40>-0.60-<0.80>	<0.40>-0.60-<0.80>
		Pa	<100>-150-<200>	<100>-150-<200>	<100>-150-<200>	<100>-150-<200>
	Motor type		1-phase induction motor			
	Driving mechanism		Direct-driven			
	Airflow rate	cfm	636-883	936-1,342	936-1,342	989-1,412
	(Low-High)	m3 / min	18.0-25.0	26.5-38.0	26.5-38.0	28.0-40.0
		L / s	300-417	442-633	442-633	467-667
Sound pressure level (Low-High)		dB <A>	33-40 (208V)	31-41 (208V)	31-41 (208V)	31-41 (208V)
(measured in anechoic room) *3		dB <A>	38-43 (230V)	38-44 (230V)	38-44 (230V)	38-44 (230V)
Insulation material			Polystyrene foam,Polyethylene foam,Urethane foam			
Air filter			Optional			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	3/8 (9.52) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare
	Gas (R410A)	in. (mm)	5/8 (15.88) Flare	5/8 (15.88) Flare	5/8 (15.88) Flare	5/8 (15.88) Flare
Field drain pipe size		in. (mm)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)	O.D. 1-1/4 (32)
Drawing	External		W277664			
	Wiring		W660134			
Standard attachment	Document		Installation Manual,Installation Book			
	Accessory		Drain hose I.D. 1-1/4inch (32mm)(flexible joint)			
Optional parts	Drain pump		PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F
	External heater adapter		CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3	CN24RELAY-KIT-CM3
	Filter box		PAC-KE80TB-F	PAC-KE140TB-F	PAC-KE140TB-F	PAC-KE140TB-F
	Long life filter		PAC-KE88LAF	PAC-KE89LAF	PAC-KE89LAF	PAC-KE89LAF
Remarks			*Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. *Due to continuing improvement, above specification may be subject to change without notice.			

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

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal/h = kW x 860 BTU/h = kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m3/min x 35.31 lbs = kg / 0.4536
Pipe length:	25 ft. (7.6 m)	25 ft. (7.6 m)	*Above specification data is subject to rounding variation.
Level difference:	0 ft. (0 m)	0 ft. (0 m)	
*3 The rated external static pressure is set to 50 Pa (0.20 in. WG) for 208V and 150 Pa (0.60) for 230V at factory shipment.			
*4 The factory setting of external static pressure is shown without < >. Refer to “Fan characteristics curves”, according to the external static pressure, in DATA BOOK for the usable range of air flow rate.			
*Due to continuing improvement, above specification may be subject to change without notice.			

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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		*1	Btu/h	72,000	96,000
(Nominal)		*1	kW	21.1	28.1
	*2 Power input		kW	0.63	0.82
	*2 Current input (208/230V)		A	3.67/3.32	4.89/4.43
Heating capacity		*3	Btu/h	80,000	108,000
(Nominal)		*3	kW	23.4	31.7
	*2 Power input		kW	0.63	0.82
	*2 Current input (208/230V)		A	3.67/3.32	4.89/4.43
External finish				Galvanized steel plate	Galvanized steel plate
External dimension HxWxD			in.	18-9/16 x 49-1/4 x 44-1/8	18-9/16 x 49-1/4 x 44-1/8
			mm	470 x 1,250 x 1,120	470 x 1,250 x 1,120
Net weight			lbs (kg)	214 (97)	221 (100)
Heat exchanger				Cross fin(Aluminum fin and copper tube)	
FAN	Type x Quantity			Sirocco fan x 2	Sirocco fan x 2
*4	External static press. (208V)		in.WG	<0.20> - <0.40> - 0.60 - <0.80> - <1.00>	<0.20> - <0.40> - 0.60 - <0.80> - <1.00>
			Pa	<50> - <100> - 150 - <200> - <250>	<50> - <100> - 150 - <200> - <250>
	(230V)		in.WG	<0.20> - <0.40> - 0.60 - <0.80> - <1.00>	<0.20> - <0.40> - 0.60 - <0.80> - <1.00>
			Pa	<50> - <100> - 150 - <200> - <250>	<50> - <100> - 150 - <200> - <250>
	Motor Type			DC motor	DC motor
	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)Brazed	3/8(9.52)Brazed
	Gas	(R410A)	in. (mm)	3/4(19.05)Brazed	7/8(22.22)Brazed
Field drain pipe size			in. (mm)	O.D.1-1/4(32)	O.D.1-1/4(32)
Drawing	External			KD94L345	KD94L345
	Wiring			KD94L346	KD94L346
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.			

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Electrical characteristics of Indoor unit

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

Model	Indoor Unit				IFM
	Hz	Volts	Voltage range	MCA(A)	FLA(A)
PEFY-P06NMAU-E2	60Hz	208 / 230V	188 to 253V	1.05 / 1.05	0.84 / 0.84
PEFY-P08NMAU-E2				1.05 / 1.05	0.84 / 0.84
PEFY-P12NMAU-E2				1.20 / 1.20	0.96 / 0.96
PEFY-P15NMAU-E2				1.45 / 1.45	1.16 / 1.16
PEFY-P18NMAU-E2				1.56 / 1.56	1.25 / 1.25
PEFY-P24NMAU-E2				2.73 / 2.73	2.18 / 2.18
PEFY-P27NMAU-E2				2.73 / 2.73	2.18 / 2.18
PEFY-P30NMAU-E2				2.73 / 2.73	2.18 / 2.18
PEFY-P36NMAU-E2				3.50 / 3.50	2.80 / 2.80
PEFY-P48NMAU-E2				3.33 / 3.33	2.66 / 2.66
PEFY-P54NMAU-E2				3.33 / 3.33	2.66 / 2.66
PEFY-P06NMSU-ER2	60Hz	208 / 230V	188 to 253V	0.47 / 0.50	0.32 / 0.31
PEFY-P08NMSU-ER2				0.47 / 0.50	0.41 / 0.39
PEFY-P12NMSU-ER2				0.68 / 0.74	0.46 / 0.43
PEFY-P15NMSU-ER2				1.20 / 1.33	0.47 / 0.45
PEFY-P18NMSU-ER2				1.20 / 1.33	0.64 / 0.60
PEFY-P24NMSU-ER2				1.57 / 1.73	0.88 / 0.83
PEFY-P15NMHU-E				1.20 / 1.33	0.96 / 1.06
PEFY-P18NMHU-E				1.20 / 1.33	0.96 / 1.06
PEFY-P24NMHU-E				1.57 / 1.73	1.25 / 1.38
PEFY-P27NMHU-E				1.72 / 1.89	1.37 / 1.51
PEFY-P30NMHU-E				2.08 / 2.29	1.66 / 1.83
PEFY-P36NMHU-E				4.23 / 4.67	3.38 / 3.73
PEFY-P48NMHU-E				4.23 / 4.67	3.38 / 3.73
PEFY-P54NMHU-E				4.29 / 4.73	3.43 / 3.78
PEFY-P72NMHSU-E			187 to 253V	7.7	6.2
PEFY-P96NMHSU-E				8.2	6.6

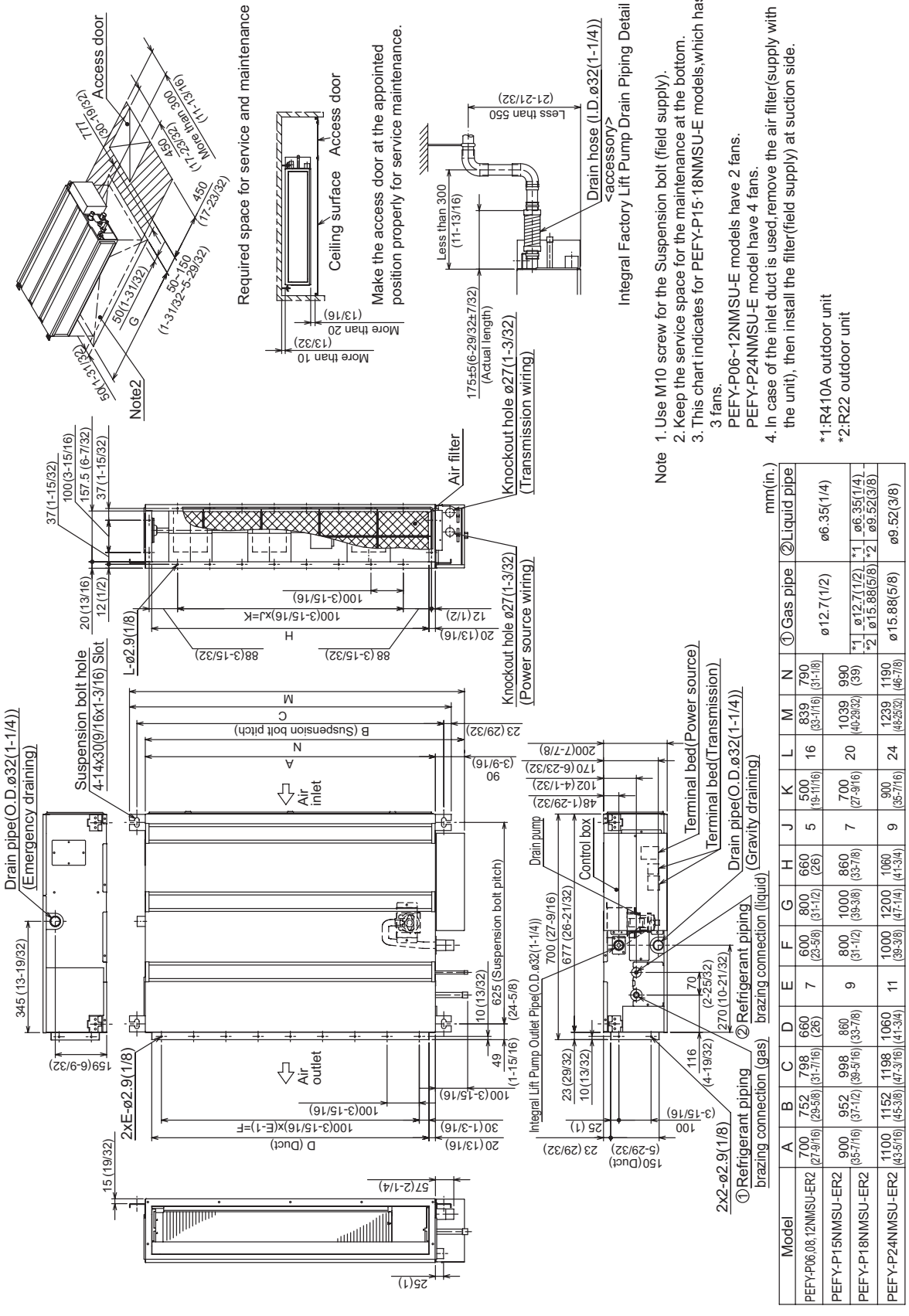
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2. EXTERNAL DIMENSIONS

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

Ref.: PEFY_NMSU-ER2_EXD_USDB_ALL

Unit : mm(in)



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

*1:R410A outdoor unit
*2:R22 outdoor unit

mm(in.)

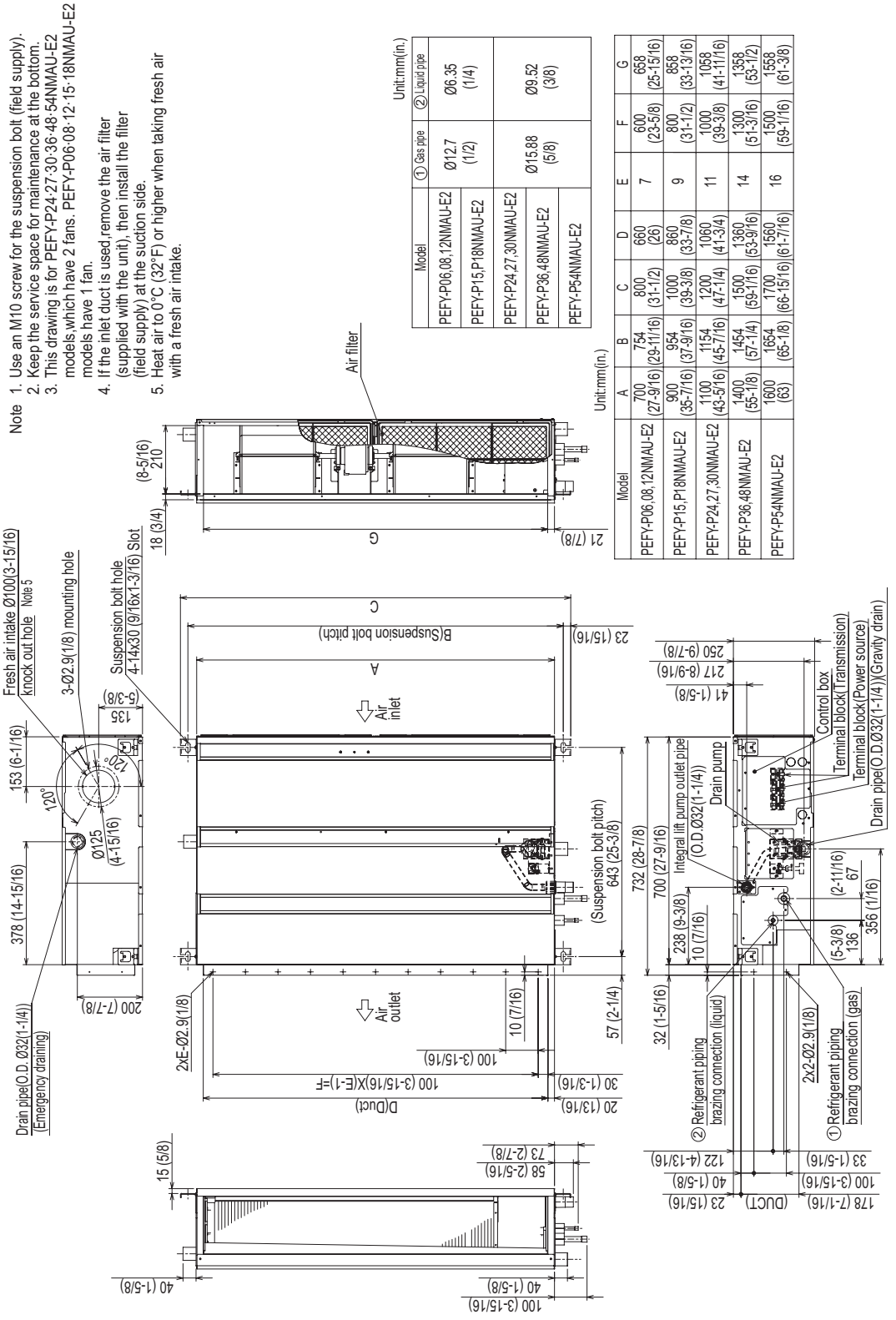
Model	A	B	C	D	E	F	G	H	J	K	L	M	N	①Gas pipe	②Liquid pipe
PEFY-P06,08,12NMSU-ER2	700 (27-9/16)	752 (29-5/8)	798 (31-7/16)	660 (26)	7	600 (23-5/8)	800 (31-1/2)	660 (26)	5	500 (19-11/16)	16	839 (33-1/16)	790 (31-1/8)	ø12.7(1/2)	ø6.35(1/4)
PEFY-P15NMSU-ER2	900 (35-7/16)	952 (37-1/2)	998 (39-5/16)	860 (33-7/8)	9	800 (31-1/2)	1000 (39-3/8)	860 (33-7/8)	7	700 (27-9/16)	20	1039 (40-29/32)	990 (39)	*1 ø12.7(1/2) *2 ø15.88(5/8)	*1 ø6.35(1/4) *2 ø9.52(3/8)
PEFY-P18NMSU-ER2															
PEFY-P24NMSU-ER2	1100 (43-5/16)	1152 (45-3/8)	1198 (47-3/16)	1060 (41-3/4)	11	1000 (39-3/8)	1200 (47-1/4)	1060 (41-3/4)	9	900 (35-7/16)	24	1239 (48-25/32)	1190 (46-7/8)	ø15.88(5/8)	ø9.52(3/8)

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2. EXTERNAL DIMENSIONS

PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E2

Unit : mm(in.)



Model	A	B	C	D	E	F	G
PEFY-P06,08,12NMAU-E2	700 (27-9/16)	754 (29-11/16)	800 (31-1/2)	660 (26)	7	600 (23-5/8)	658 (25-15/16)
PEFY-P15,P18NMAU-E2	900 (35-7/16)	954 (37-9/16)	1000 (39-3/8)	860 (33-7/8)	9	800 (31-1/2)	858 (33-13/16)
PEFY-P24,27,30NMAU-E2	1100 (43-5/16)	1154 (45-7/16)	1200 (47-1/4)	1060 (41-3/4)	11	1000 (39-3/8)	1058 (41-11/16)
PEFY-P36,48NMAU-E2	1400 (55-1/8)	1454 (57-1/4)	1500 (59-1/16)	1360 (53-9/16)	14	1300 (51-3/16)	1358 (53-1/2)
PEFY-P54NMAU-E2	1600 (63)	1654 (65-1/8)	1700 (66-15/16)	1560 (61-7/16)	16	1500 (59-1/16)	1558 (61-3/8)

Unit:mm(in.)

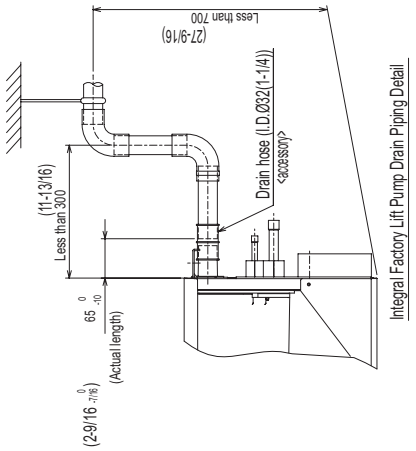
Model	① Gas pipe	② Liquid pipe
PEFY-P06,08,12NMAU-E2	Ø12.7 (1/2)	Ø6.35 (1/4)
PEFY-P15,P18NMAU-E2		
PEFY-P24,27,30NMAU-E2	Ø15.88 (5/8)	Ø9.52 (3/8)
PEFY-P36,48NMAU-E2		
PEFY-P54NMAU-E2		

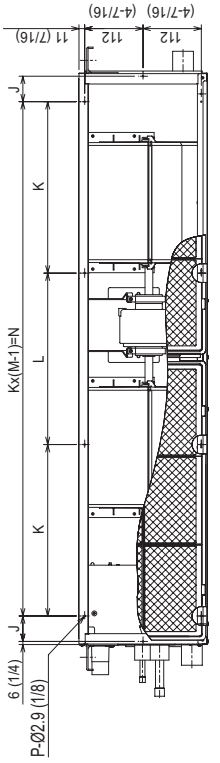
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2. EXTERNAL DIMENSIONS

PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E2

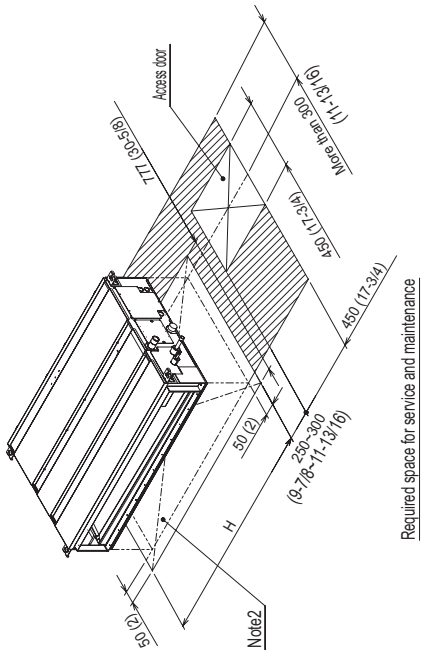
Unit : mm(in.)

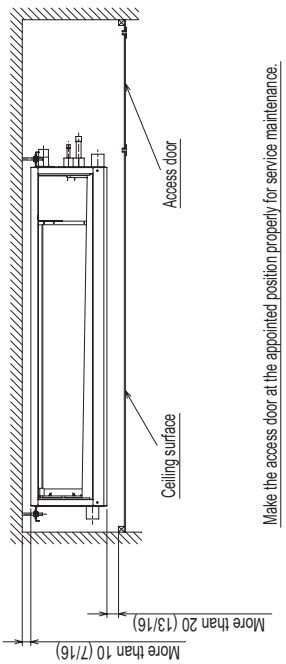




Unit:mm(in.)

Model	H	J	K	L	M	N	P
PEFY-P06,08,12NMAU-E2	800 (31-1/2)	44 (1-3/4)	150 (5-15/16)	300 (11-13/16)			10
PEFY-P15,P18NMAU-E2	1000 (39-3/8)	54 (2-3/16)	260 (10-1/4)		4	780 (30-3/4)	10
PEFY-P24,27,30NMAU-E2	1200 (47-1/4)	49 (1-15/16)	330 (13)		4	990 (39)	10
PEFY-P36,48NMAU-E2	1500 (59-1/16)	54 (2-3/16)	320 (12-5/8)		5	1280 (50-7/16)	12
PEFY-P54NMAU-E2	1700 (66-15/16)	54 (2-3/16)	370 (14-5/8)		5	1480 (58-5/16)	12





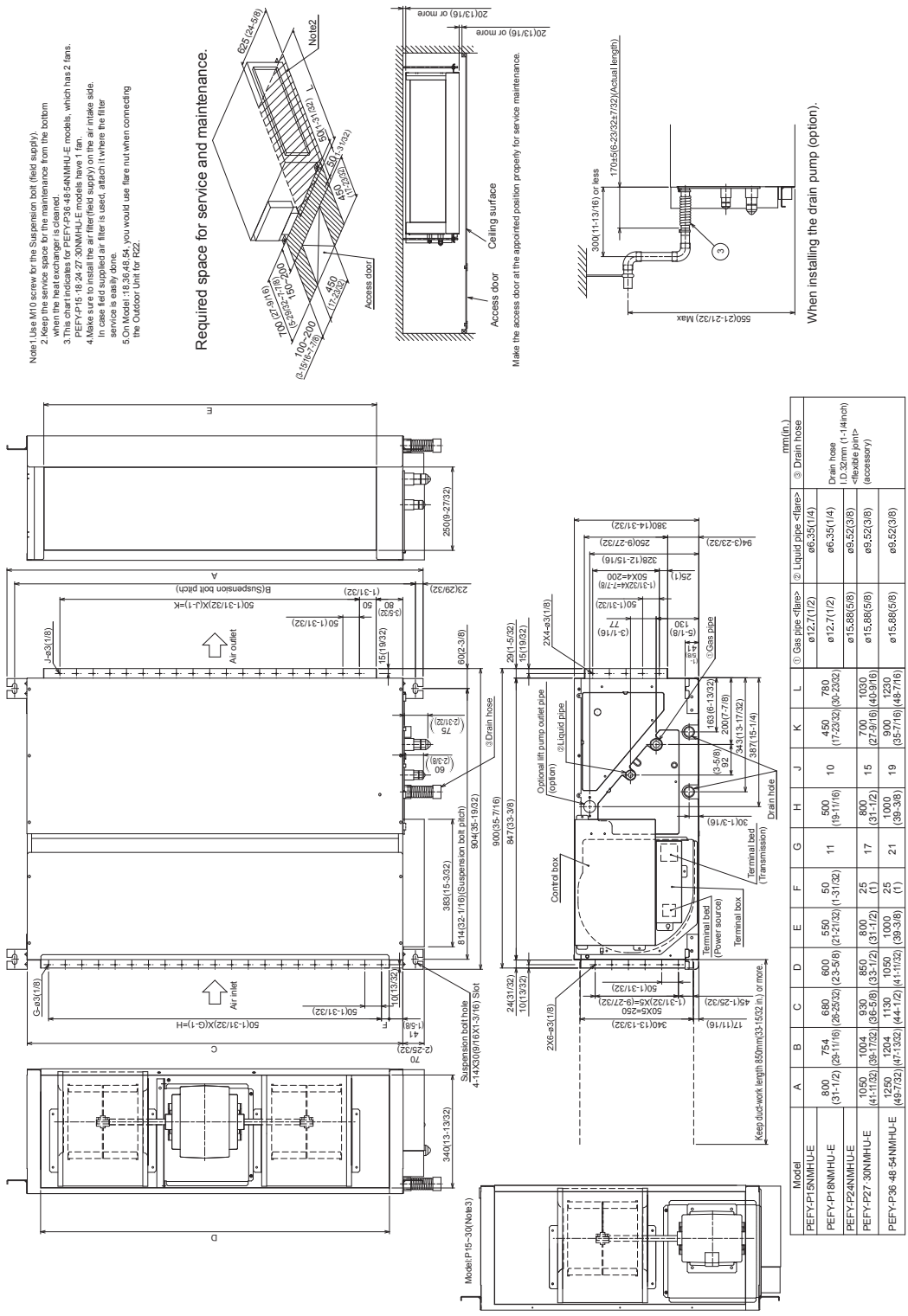
Maintenance type for air filter	L
Side maintenance	20(13/16)
Under maintenance	250(9-7/8)

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2. EXTERNAL DIMENSIONS

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

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



mm(in.)

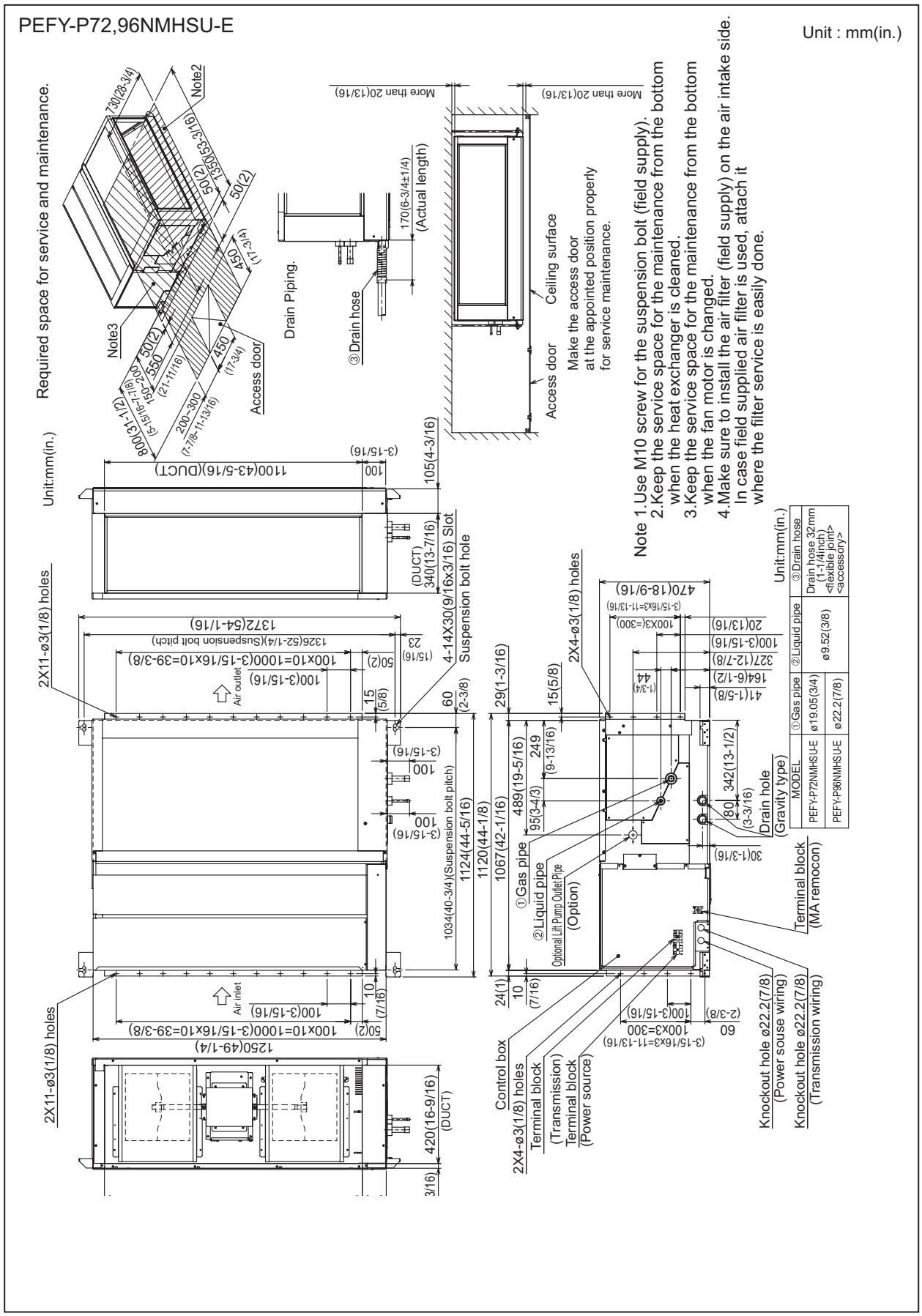
Model	A	B	C	D	E	F	G	H	J	K	L	① Gas pipe <flare>	② Liquid pipe <flare>	③ Drain hose
PEFY-P15NMHU-E	800 (31-1/2)	754 (29-11/16)	680 (26-25/32)	600 (23-5/8)	550 (21-21/32)	50 (1-31/32)	11	500 (19-11/16)	10	450 (17-23/32)	780 (30-23/32)	ø12.7(1/2)	ø6.35(1/4)	Drain hose I.D.32mm (1-1/4inch) <flexible joint>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

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2. EXTERNAL DIMENSIONS

PEFY-P72,96NMHSU-E

Unit : mm(in.)



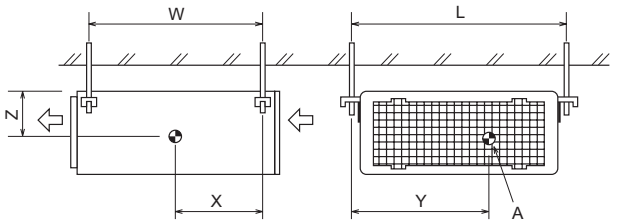
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3. CENTER OF GRAVITY

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

Ref.: PEFY_NMSU-ER2_EXD_USDB_ALL

Unit: mm(in)

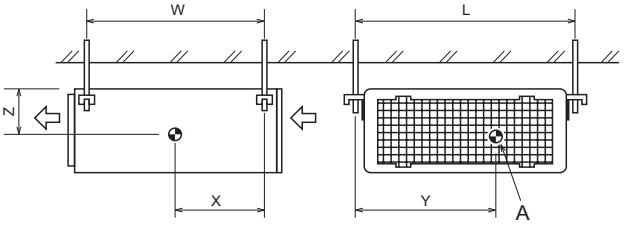


A: Center of gravity

(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-E2



A : Center of gravity

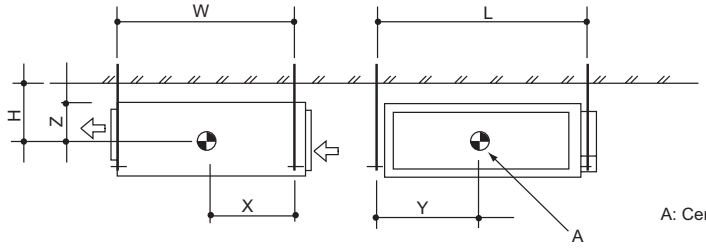
(mm)[in]

Model name	W	L	X	Y	Z
PEFY-P06NMAU-E2	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 -13/16]	130 [5 -2/16]
PEFY-P08NMAU-E2	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 -13/16]	130 [5 -2/16]
PEFY-P12NMAU-E2	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 -13/16]	130 [5 -2/16]
PEFY-P15NMAU-E2	643 [25 - 6/16]	954 [37 - 9/16]	340 [13 - 7/16]	375 [14 -13/16]	130 [5 -2/16]
PEFY-P18NMAU-E2	643 [25 - 6/16]	954 [37 - 9/16]	340 [13 - 7/16]	375 [14 -13/16]	130 [5 -2/16]
PEFY-P24NMAU-E2	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 -11/16]	130 [5 -2/16]
PEFY-P27NMAU-E2	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 -11/16]	130 [5 -2/16]
PEFY-P30NMAU-E2	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 -11/16]	130 [5 -2/16]
PEFY-P36NMAU-E2	643 [25 - 6/16]	1454 [57 - 4/16]	330 [13]	675 [26 -10/16]	130 [5 -2/16]
PEFY-P48NMAU-E2	643 [25 - 6/16]	1454 [57 - 4/16]	330 [13]	675 [26 -10/16]	130 [5 -2/16]
PEFY-P54NMAU-E2	643 [25 - 6/16]	1654 [65 - 2/16]	332 [13 - 2/16]	725 [28 -9/16]	130 [5 -2/16]

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3. CENTER OF GRAVITY

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



A: Center of gravity

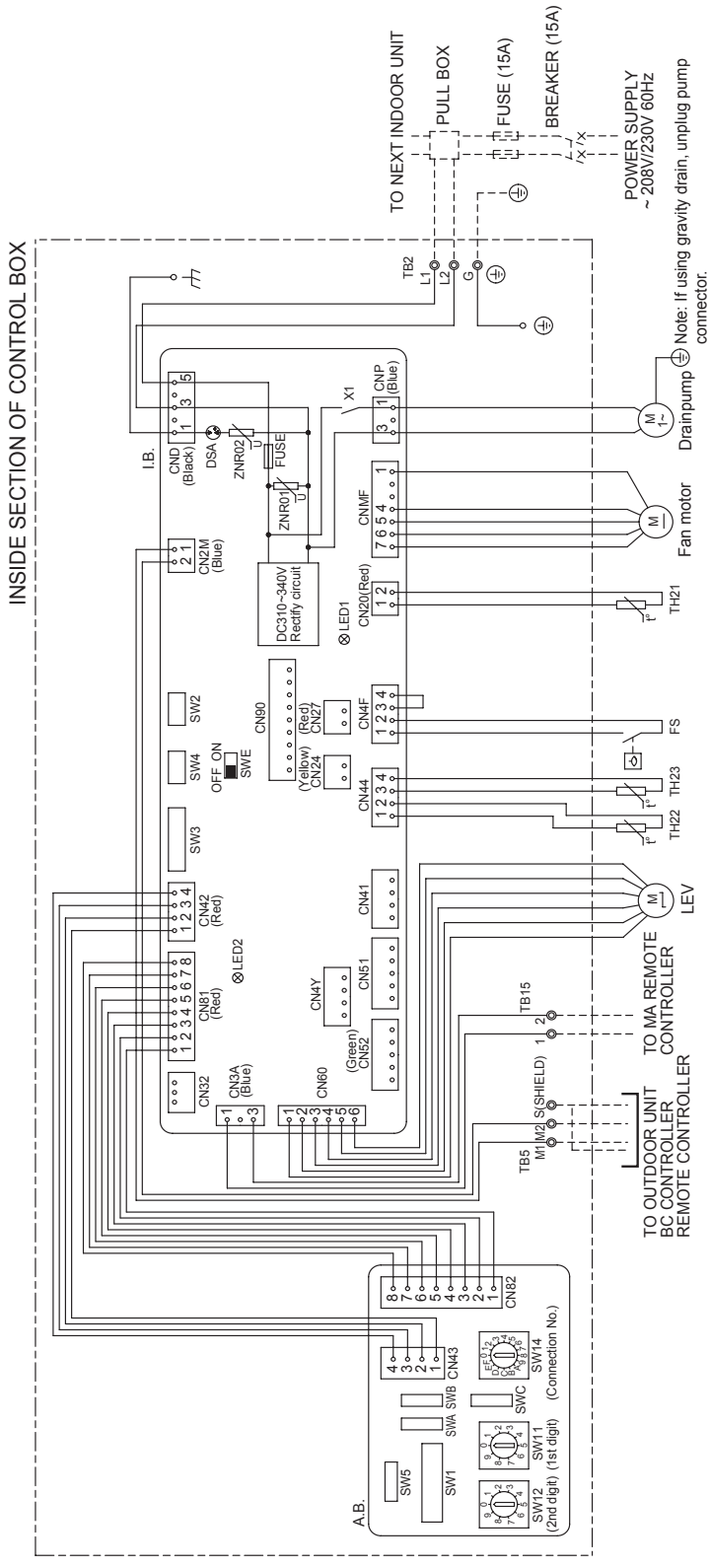
(mm)[in]

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

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

Ref.: PEFY_NMSU-ER2_EWD_USDB_ALL



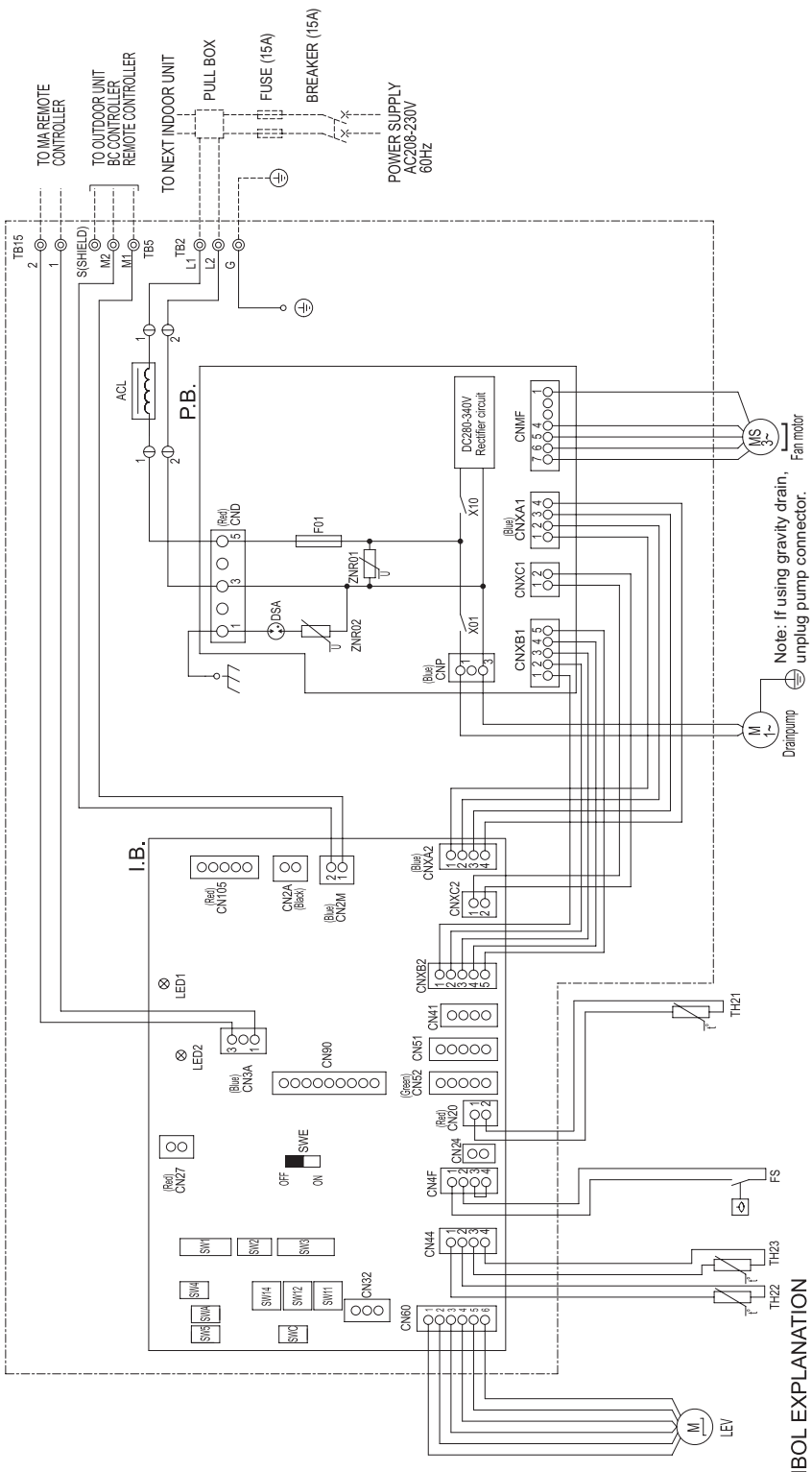
NOTE: 1. The wirings to TB2, TB5, TB15 shown in dotted line are field work.
2. Mark ◎ indicates terminal bed, ⊖ connector.
3. Use copper supply wire.

SYMBOL EXPLANATION

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

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PEFY-P06, 08, 12, 15, 18, 24, 27, 30, 36, 48, 54NMAU-E2



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

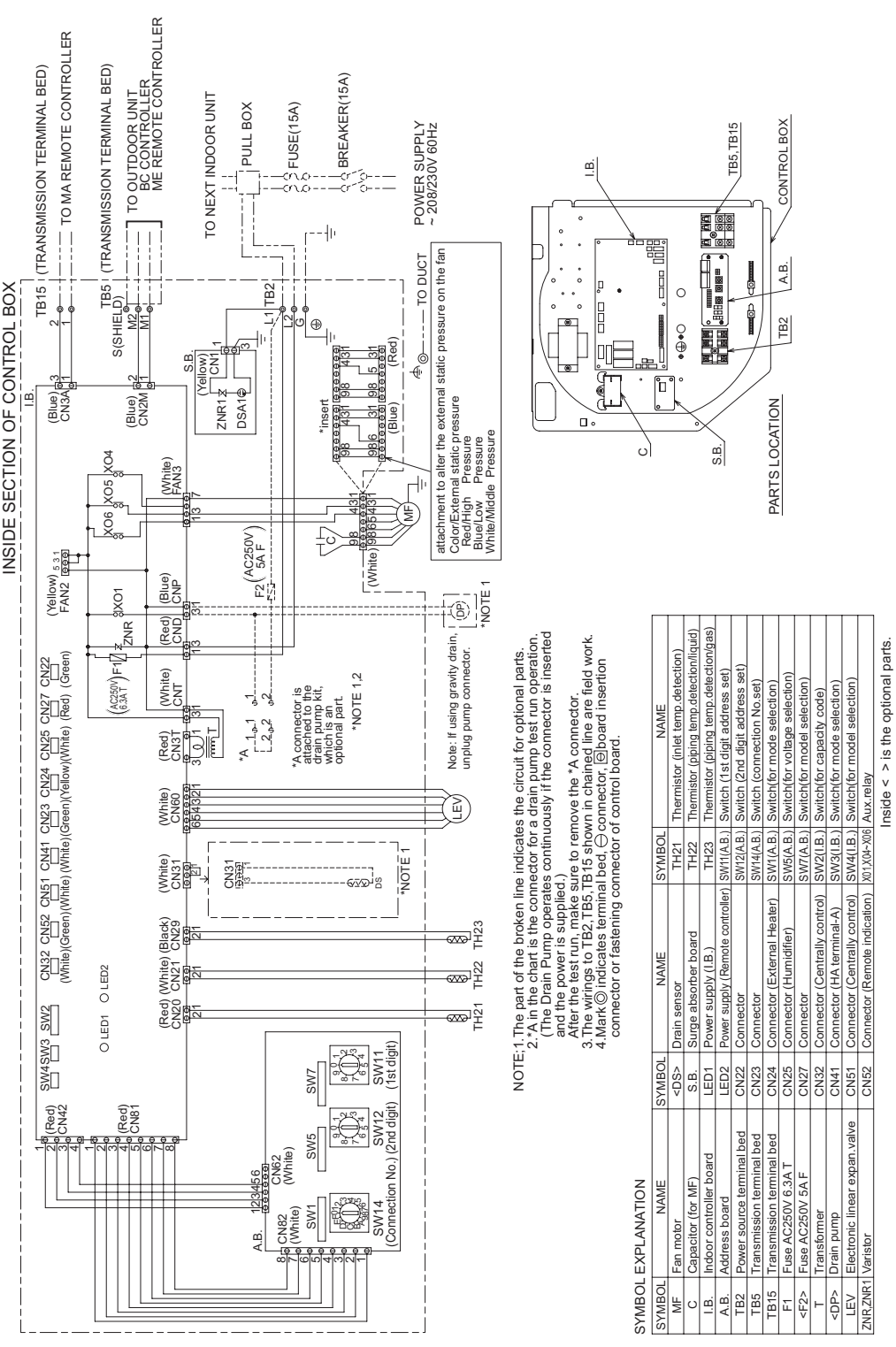
SYMBOL EXPLANATION

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

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

Drw. : IU-W660134



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

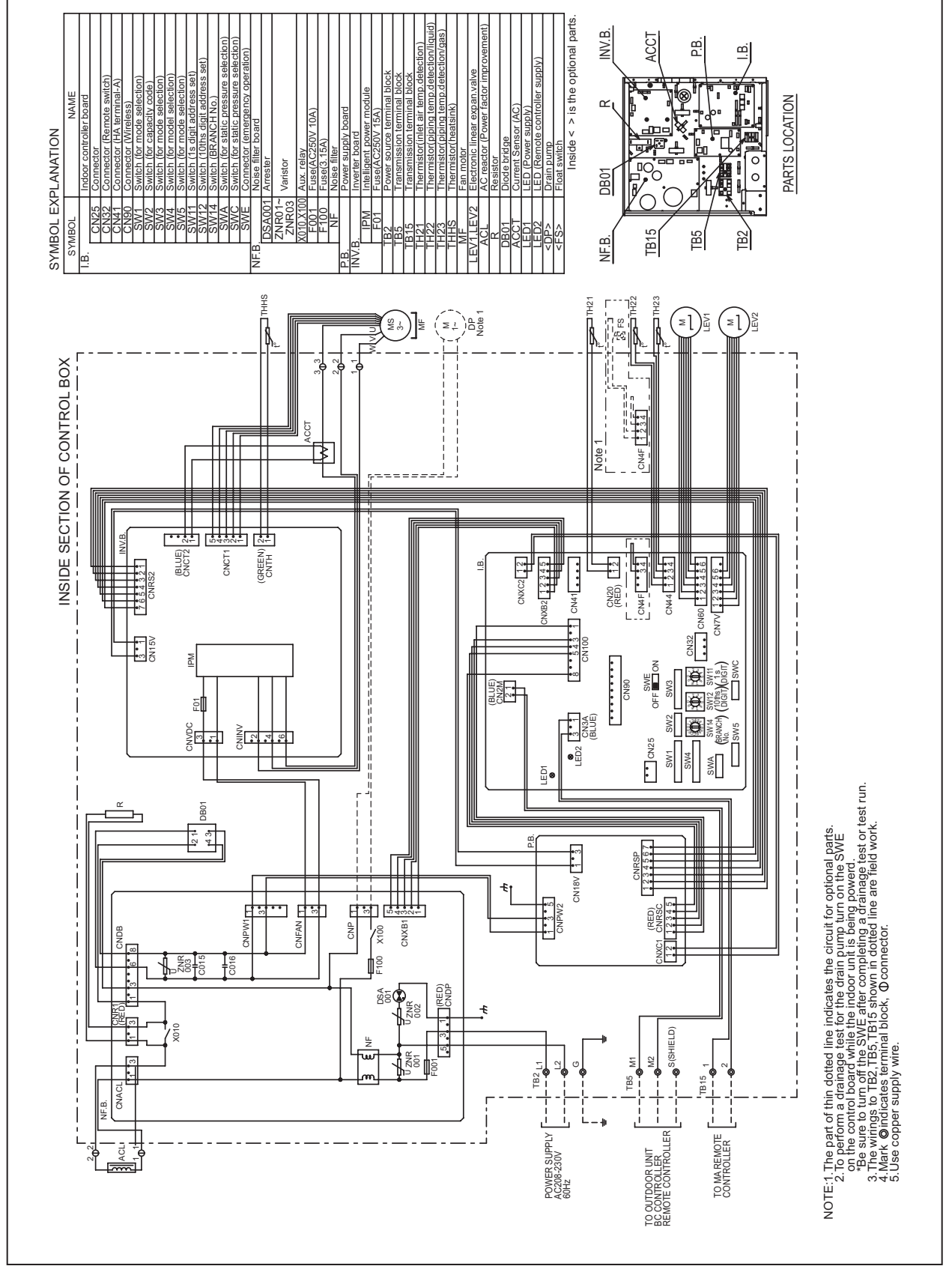
SYMBOL EXPLANATION

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

Inside < > is the optional parts.

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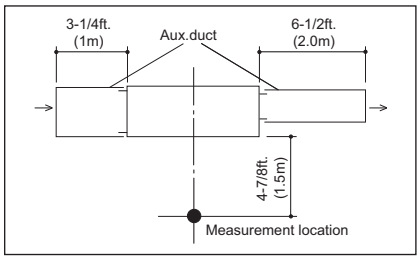
PEFY-P72,96NMHSU-E



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5. SOUND PRESSURE LEVELS

5-1. Sound Pressure Levels



Measured in an anechoic room.

Operating sound levels

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

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

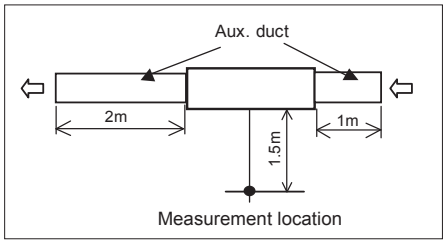
((Low) - High) Unit : dB (A)

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

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

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

PEFY-P-NMAU-E2



* Measured in anechoic room.

Sound level at anechoic room : Low-Mid-High

Model	Sound level dB(A)				
	35Pa	50Pa	70Pa	100Pa	150Pa
PEFY-P06NMAU-E2	26-27-28	26-28-29	26-29-31	27-30-33	28-33-37
PEFY-P08NMAU-E2	26-27-28	26-28-29	26-29-31	27-30-33	28-33-37
PEFY-P12NMAU-E2	28-30-34	28-30-34	29-32-36	29-33-37	31-35-40
PEFY-P15NMAU-E2	28-30-34	28-30-34	29-32-36	29-33-37	32-36-40
PEFY-P18NMAU-E2	28-31-35	28-32-35	29-33-37	30-34-38	32-37-41
PEFY-P24NMAU-E2	30-33-38	30-34-39	31-35-39	32-37-40	34-39-43
PEFY-P27NMAU-E2	30-33-38	30-34-39	31-35-39	32-37-40	34-39-43
PEFY-P30NMAU-E2	30-33-38	30-34-39	31-35-39	32-37-40	34-39-43
PEFY-P36NMAU-E2	31-36-40	32-37-41	33-38-42	35-39-43	37-42-45
PEFY-P48NMAU-E2	35-40-44	35-40-44	37-41-45	38-42-46	39-44-47
PEFY-P54NMAU-E2	36-41-45	36-41-45	38-42-46	39-43-47	40-45-48

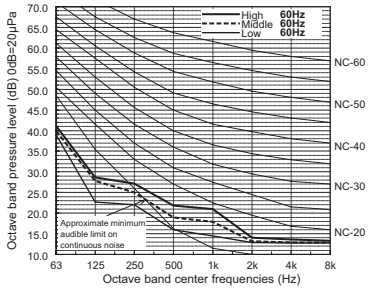
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5. SOUND PRESSURE LEVELS

5-2. NC Curves

PEFY-P06NMSU-ER2

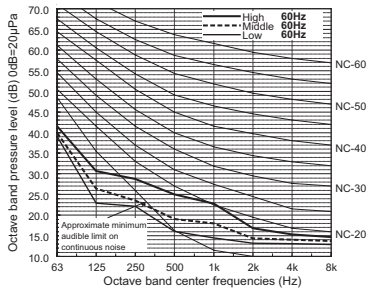
External Static Pressure: 5Pa,0.02[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P06-1

PEFY-P06NMSU-ER2

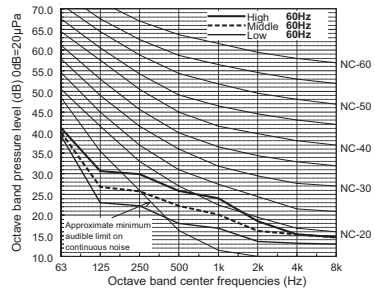
External Static Pressure: 15Pa,0.06[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P06-2

PEFY-P06NMSU-ER2

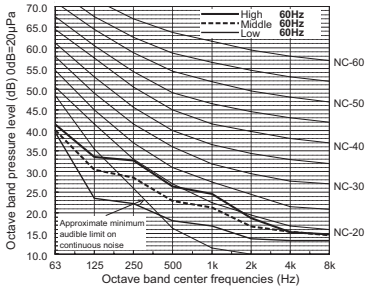
External Static Pressure: 35Pa,0.14[In.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P06-3

PEFY-P06NMSU-ER2

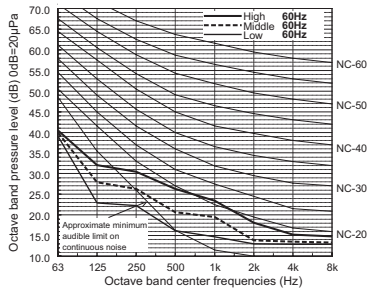
External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P06-4

PEFY-P08NMSU-ER2

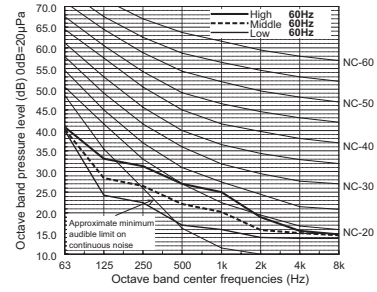
External Static Pressure: 5Pa,0.02[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P08-1

PEFY-P08NMSU-ER2

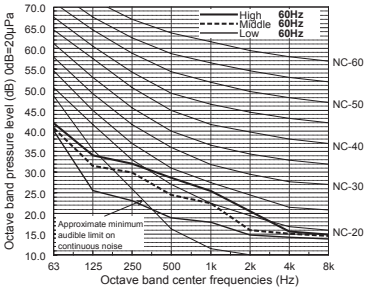
External Static Pressure: 15Pa,0.06[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P08-2

PEFY-P08NMSU-ER2

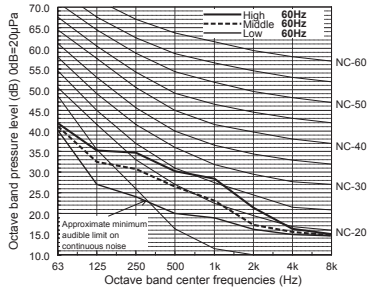
External Static Pressure: 35Pa,0.14[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P08-3

PEFY-P08NMSU-ER2

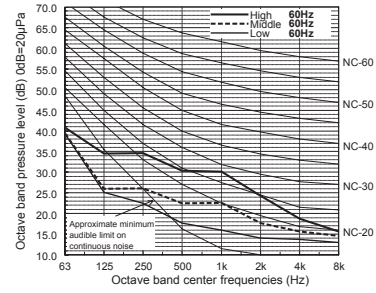
External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P08-4

PEFY-P12NMSU-ER2

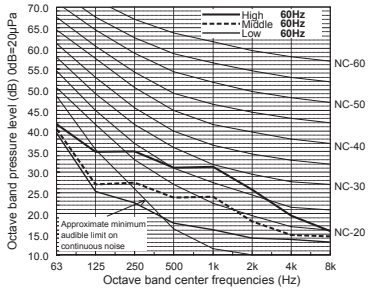
External Static Pressure: 5Pa,0.02[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P12-1

PEFY-P12NMSU-ER2

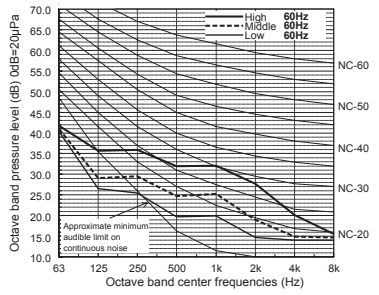
External Static Pressure: 15Pa,0.06[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P12-2

PEFY-P12NMSU-ER2

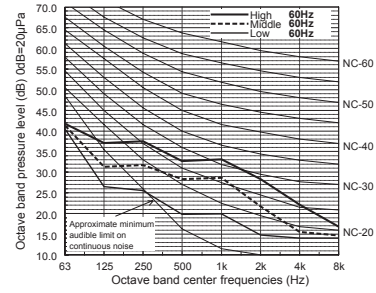
External Static Pressure: 35Pa,0.14[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P12-3

PEFY-P12NMSU-ER2

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



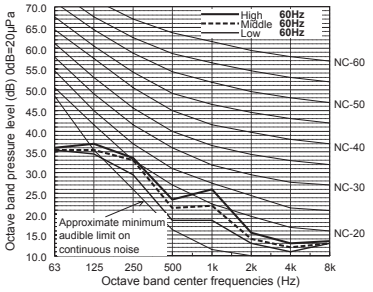
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5. SOUND PRESSURE LEVELS

PEFY-P15NMSU-ER2

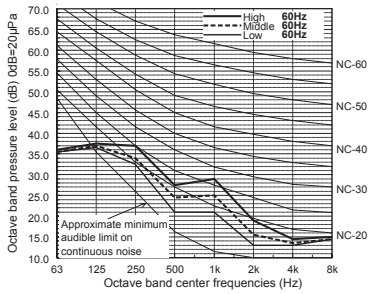
External Static Pressure: 5Pa,0.02[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P15-1

PEFY-P15NMSU-ER2

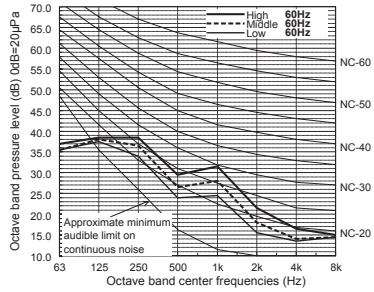
External Static Pressure: 15Pa,0.06[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P15-2

PEFY-P15NMSU-ER2

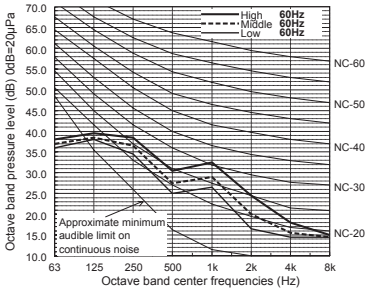
External Static Pressure: 35Pa,0.14[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P15-3

PEFY-P15NMSU-ER2

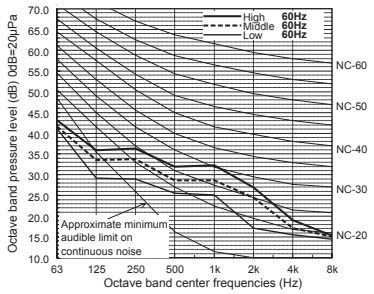
External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P15-4

PEFY-P18NMSU-ER2

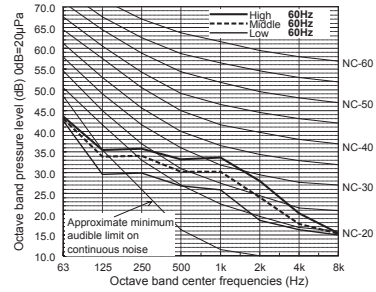
External Static Pressure: 5Pa,0.02[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P18-1

PEFY-P18NMSU-ER2

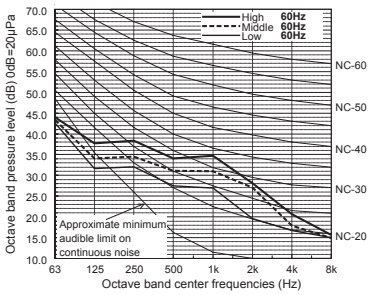
External Static Pressure: 15Pa,0.06[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P18-2

PEFY-P18NMSU-ER2

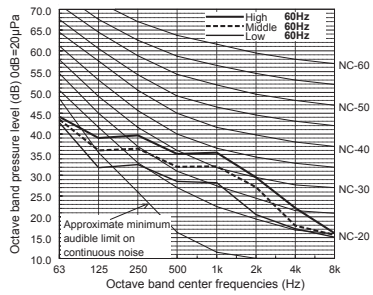
External Static Pressure: 35Pa,0.14[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P18-3

PEFY-P18NMSU-ER2

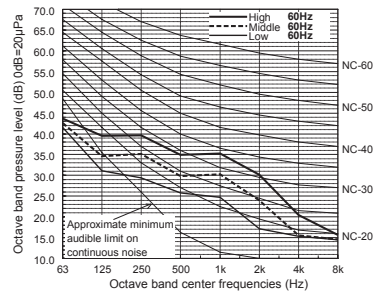
External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P18-4

PEFY-P24NMSU-ER2

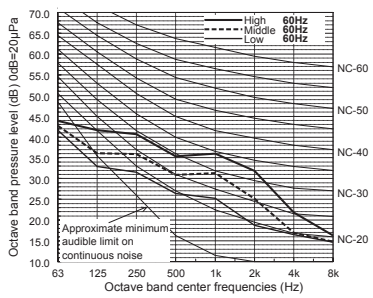
External Static Pressure: 5Pa,0.02[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P24-1

PEFY-P24NMSU-ER2

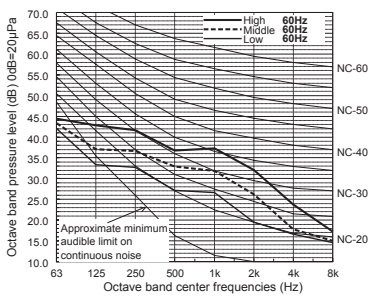
External Static Pressure: 15Pa,0.06[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P24-2

PEFY-P24NMSU-ER2

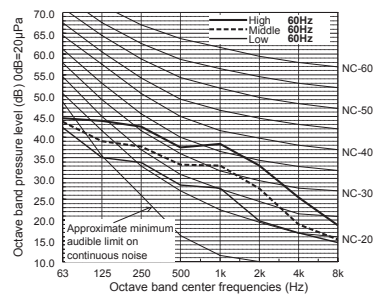
External Static Pressure: 35Pa,0.14[in.WG]
Power Source: 208/230V(60Hz)



Ref.:PEFY_NMSU_NCC_USDB_P24-3

PEFY-P24NMSU-ER2

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



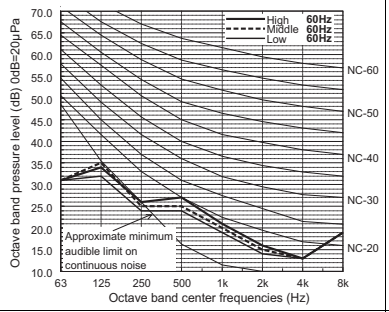
Ref.:PEFY_NMSU_NCC_USDB_P24-4

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5. SOUND PRESSURE LEVELS

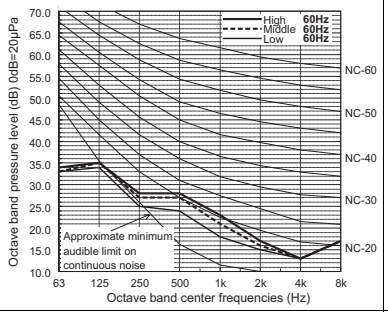
PEFY-P06,08NMAU-E2

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



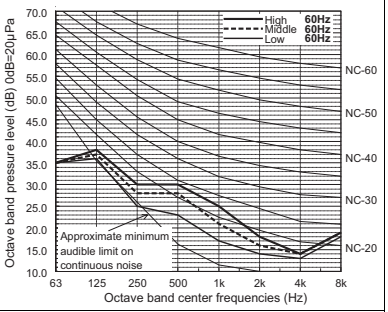
PEFY-P06,08NMAU-E2

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



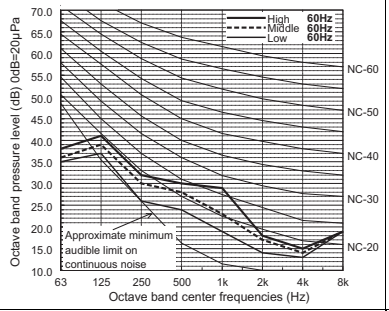
PEFY-P06,08NMAU-E2

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



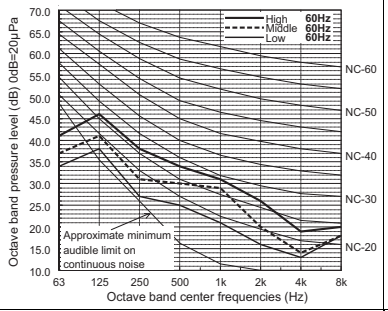
PEFY-P06,08NMAU-E2

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



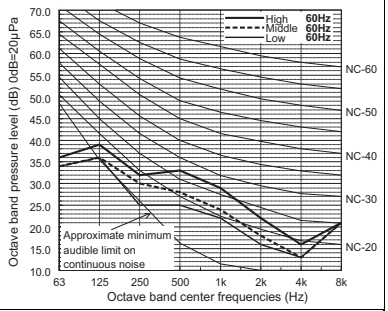
PEFY-P06,08NMAU-E2

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



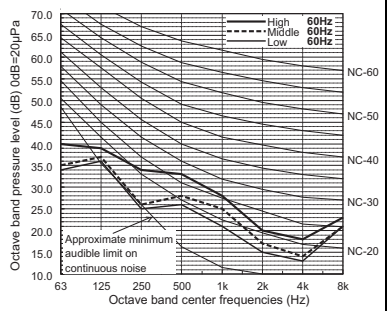
PEFY-P12NMAU-E2

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



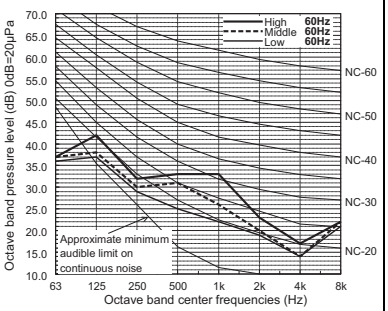
PEFY-P12NMAU-E2

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



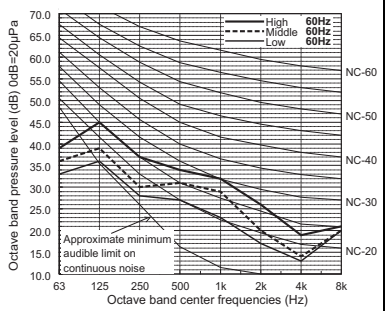
PEFY-P12NMAU-E2

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



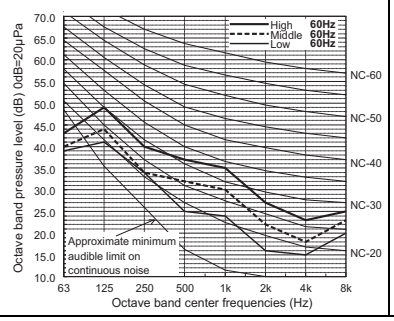
PEFY-P12NMAU-E2

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



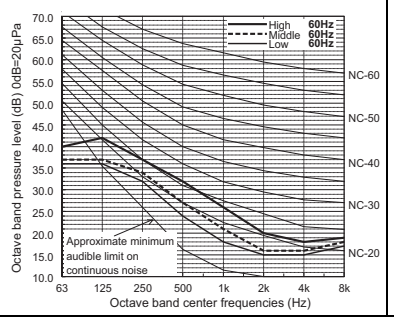
PEFY-P12NMAU-E2

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



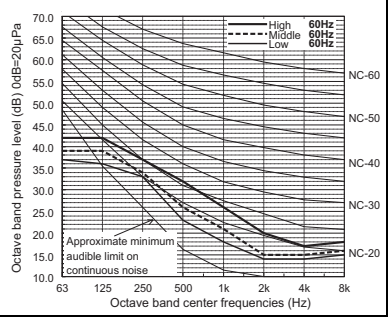
PEFY-P15NMAU-E2

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



PEFY-P15NMAU-E2

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

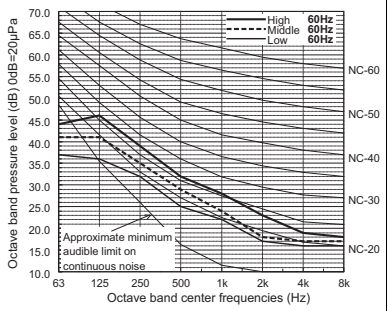


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5. SOUND PRESSURE LEVELS

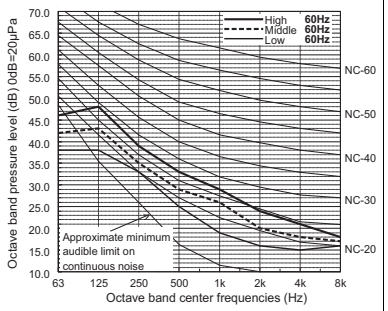
PEFY-P15NMAU-E2

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



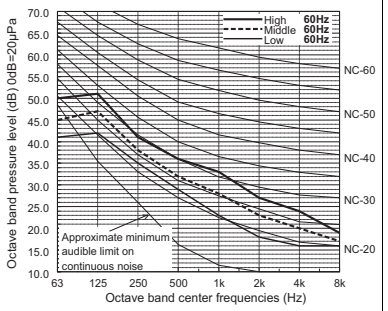
PEFY-P15NMAU-E2

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



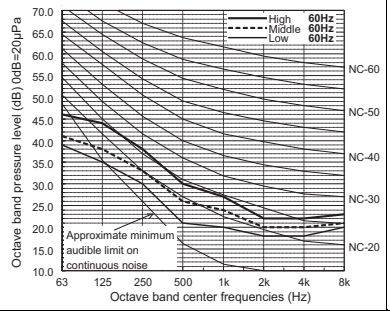
PEFY-P15NMAU-E2

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



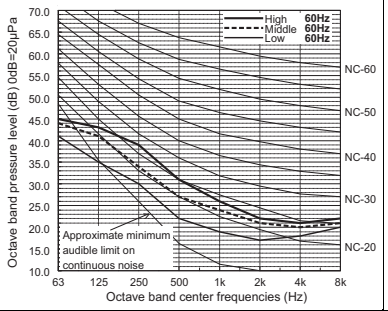
PEFY-P18NMAU-E2

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



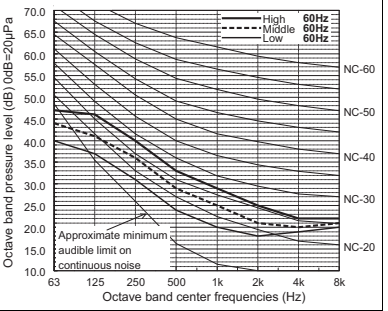
PEFY-P18NMAU-E2

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



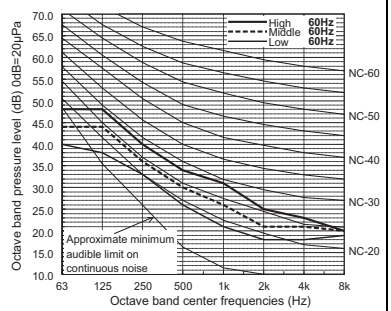
PEFY-P18NMAU-E2

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



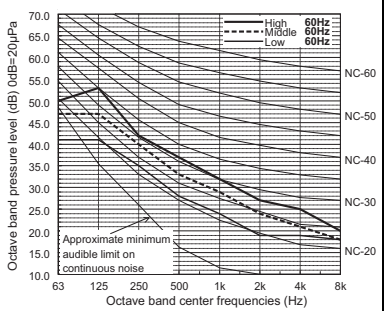
PEFY-P18NMAU-E2

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



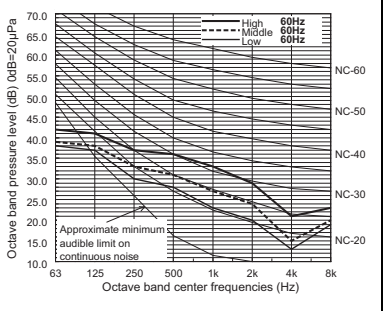
PEFY-P18NMAU-E2

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



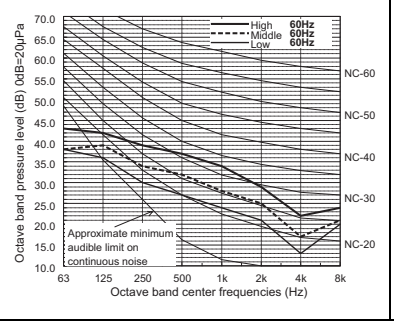
PEFY-P24,27,30NMAU-E2

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



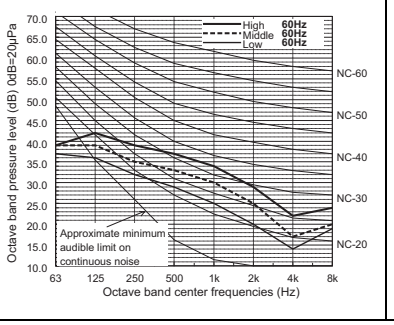
PEFY-P24,27,30NMAU-E2

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



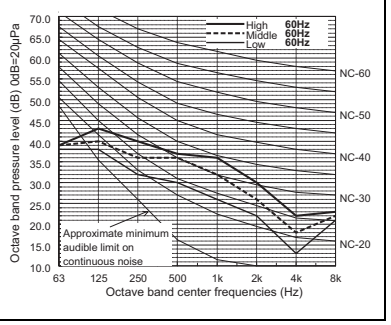
PEFY-P24,27,30NMAU-E2

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



PEFY-P24,27,30NMAU-E2

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

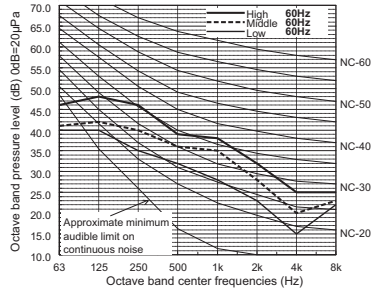


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5. SOUND PRESSURE LEVELS

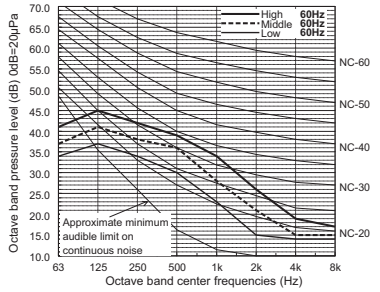
PEFY-P24,27,30NMAU-E2

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



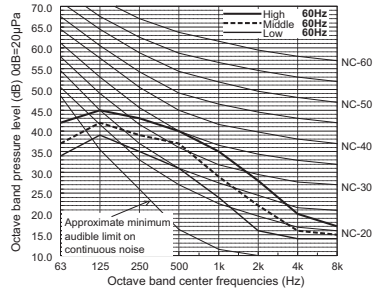
PEFY-P36NMAU-E2

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



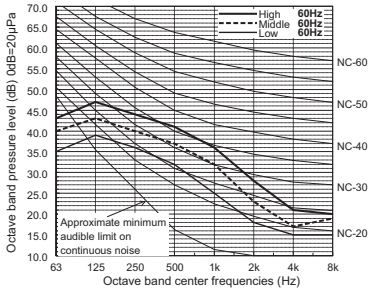
PEFY-P36NMAU-E2

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



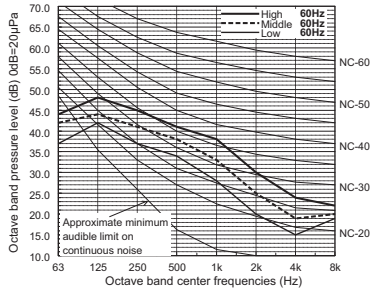
PEFY-P36NMAU-E2

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



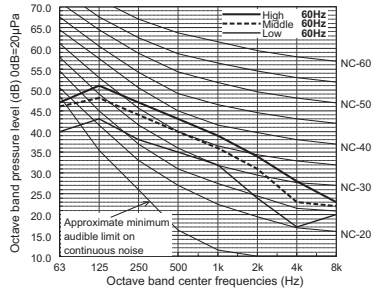
PEFY-P36NMAU-E2

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



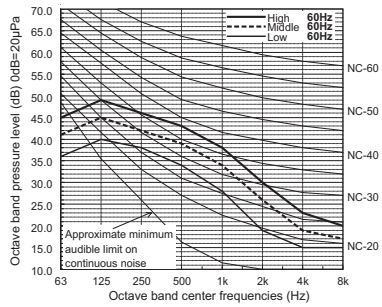
PEFY-P36NMAU-E2

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



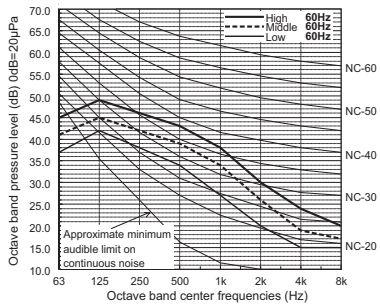
PEFY-P48NMAU-E2

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



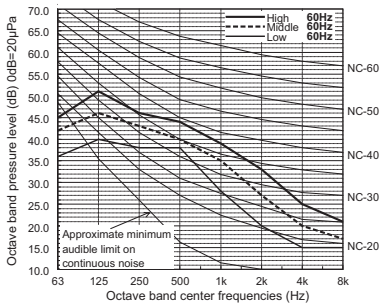
PEFY-P48NMAU-E2

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



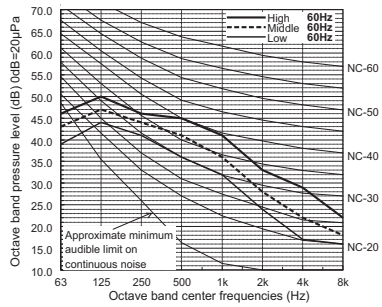
PEFY-P48NMAU-E2

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



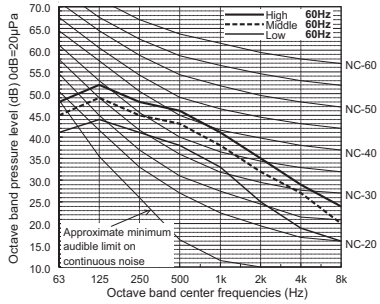
PEFY-P48NMAU-E2

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



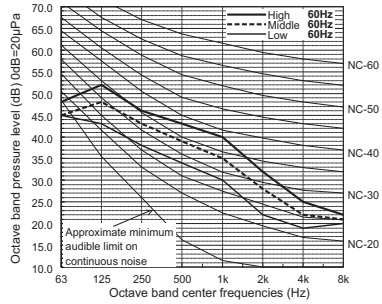
PEFY-P48NMAU-E2

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



PEFY-P54NMAU-E2

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

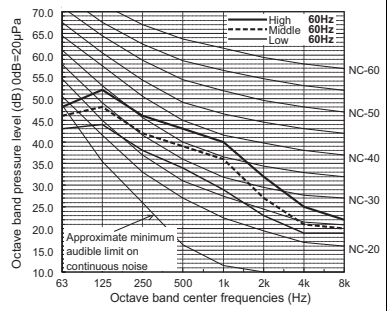


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5. SOUND PRESSURE LEVELS

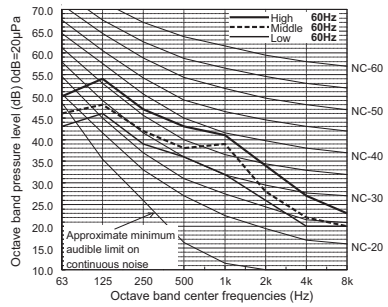
PEFY-P54NMAU-E2

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



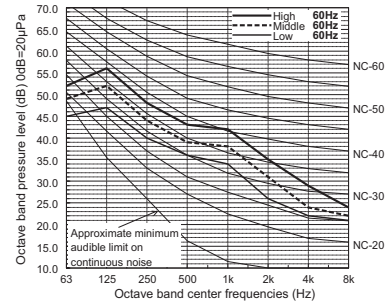
PEFY-P54NMAU-E2

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



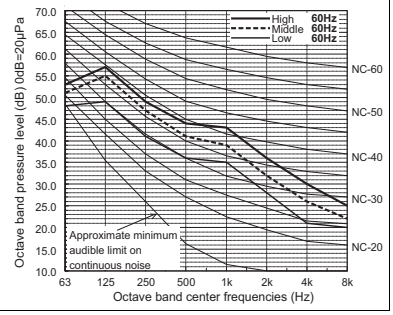
PEFY-P54NMAU-E2

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



PEFY-P54NMAU-E2

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

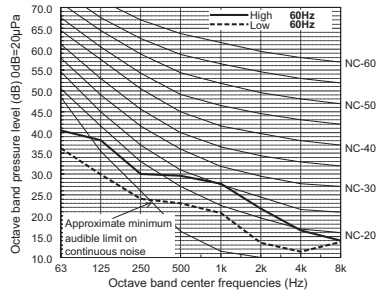


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5. SOUND PRESSURE LEVELS

PEFY-P15NMHU-E

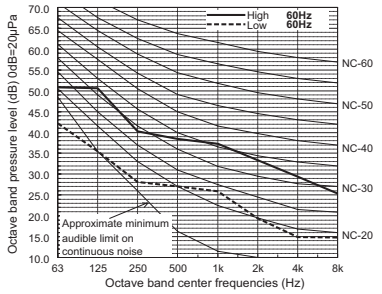
External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208V 60Hz



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

PEFY-P15NMHU-E

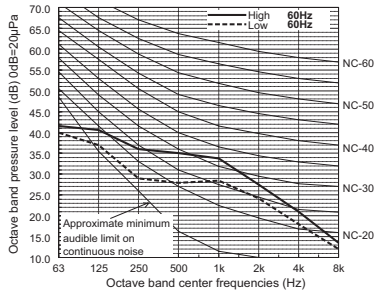
External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



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

PEFY-P15NMHU-E

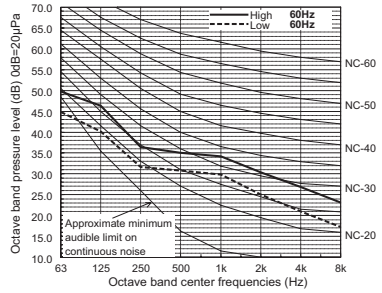
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



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

PEFY-P15NMHU-E

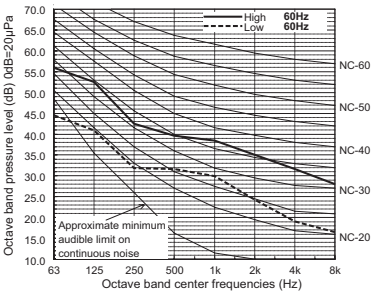
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



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

PEFY-P15NMHU-E

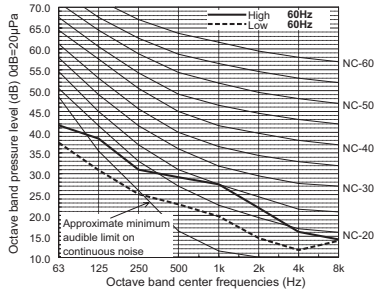
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



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

PEFY-P18NMHU-E

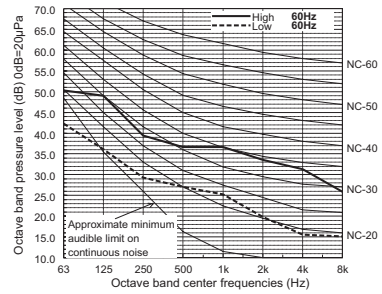
External Static Pressure: 50Pa,0.20[in.WG]
Power Source: 208V 60Hz



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

PEFY-P18NMHU-E

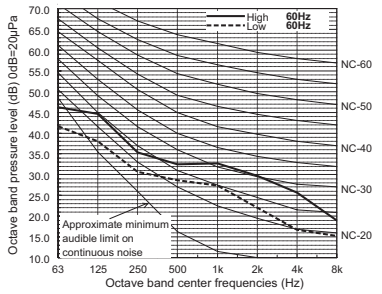
External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



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

PEFY-P18NMHU-E

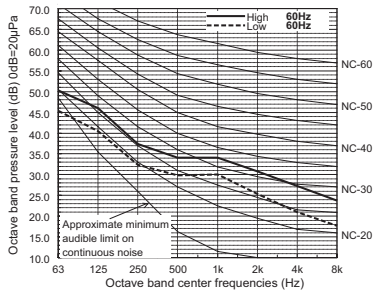
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



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

PEFY-P18NMHU-E

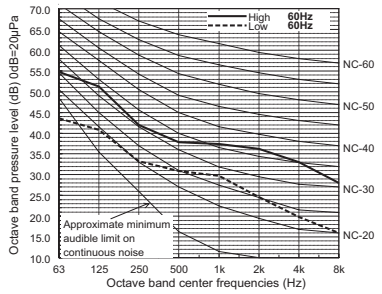
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



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

PEFY-P18NMHU-E

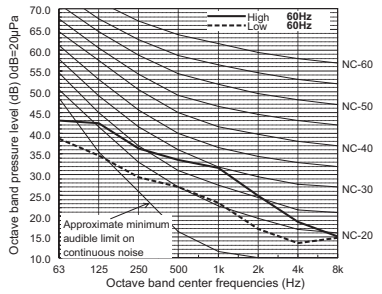
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



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

PEFY-P24NMHU-E

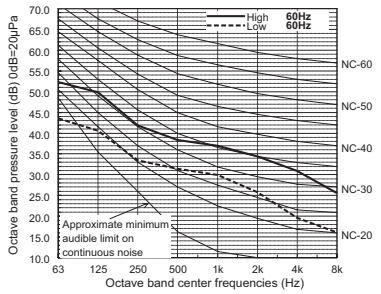
External Static Pressure: 50Pa,0.2[in.WG]
Power Source: 208V 60Hz



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

PEFY-P24NMHU-E

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



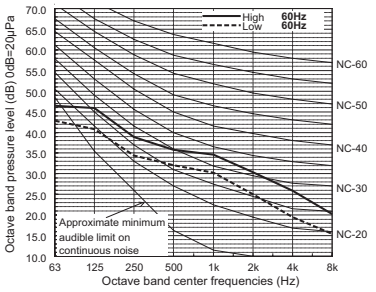
Ref.:NC_PEFY-P24NMHU-E_WYN B0-4425-1

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5. SOUND PRESSURE LEVELS

PEFY-P24NMHU-E

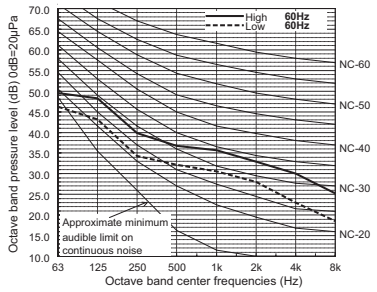
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



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

PEFY-P24NMHU-E

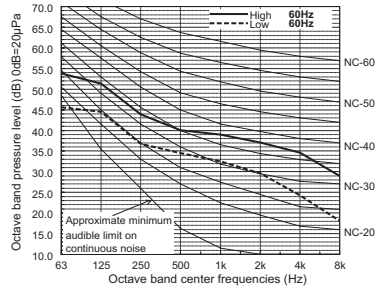
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



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

PEFY-P24NMHU-E

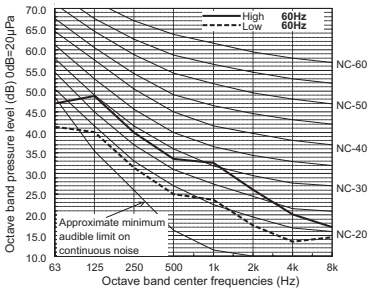
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



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

PEFY-P27NMHU-E

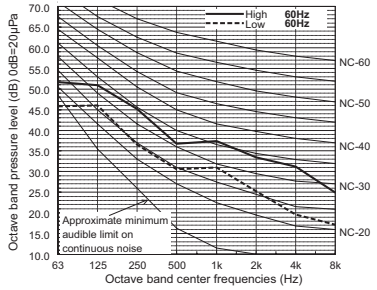
External Static Pressure: 50Pa,0.2[in.WG]
Power Source: 208V 60Hz



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

PEFY-P27NMHU-E

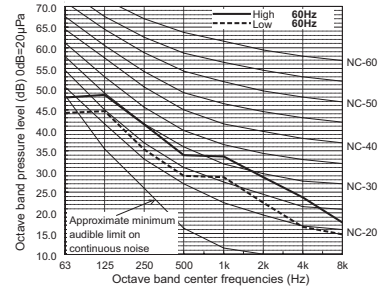
External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



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

PEFY-P27NMHU-E

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



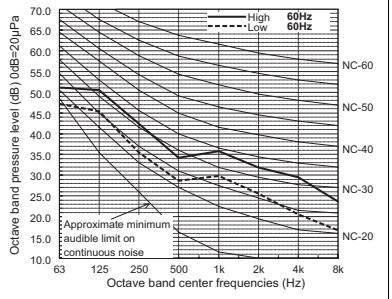
Ref.:NC_PEFY-P27NMHU-E_WYN B0-4426-5

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5. SOUND PRESSURE LEVELS

PEFY-P27NMHU-E

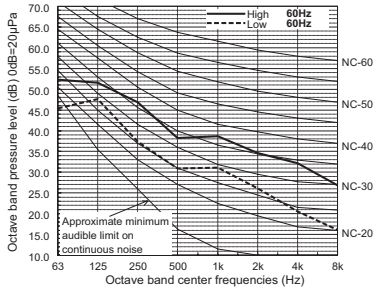
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



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

PEFY-P27NMHU-E

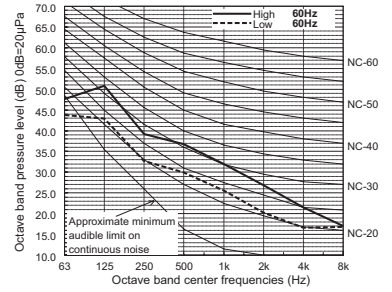
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



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

PEFY-P30NMHU-E

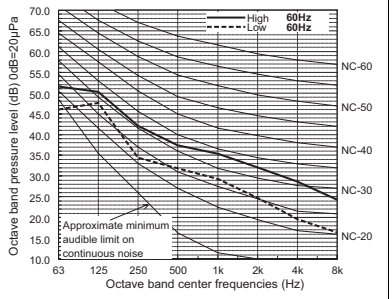
External Static Pressure: 50Pa,0.02[in.WG]
Power Source: 208V 60Hz



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

PEFY-P30NMHU-E

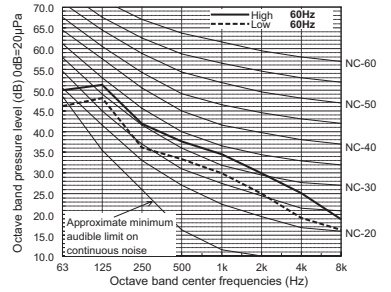
External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



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

PEFY-P30NMHU-E

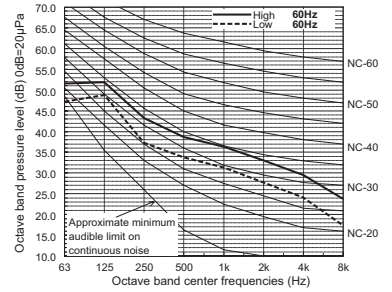
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



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

PEFY-P30NMHU-E

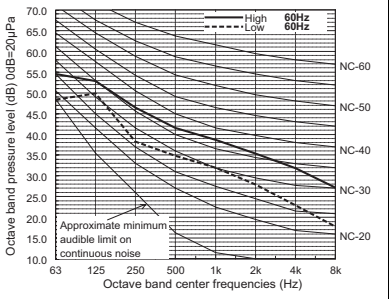
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



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

PEFY-P30NMHU-E

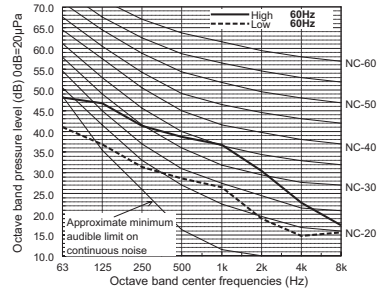
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 230V 60Hz



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

PEFY-P36,48,54NMHU-E

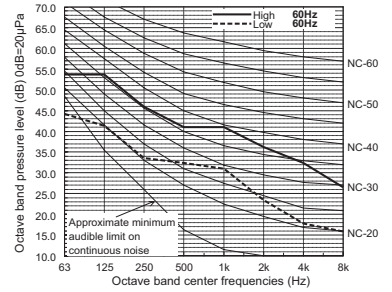
External Static Pressure: 50Pa,0.02[in.WG]
Power Source: 208V 60Hz



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

PEFY-P36,48,54NMHU-E

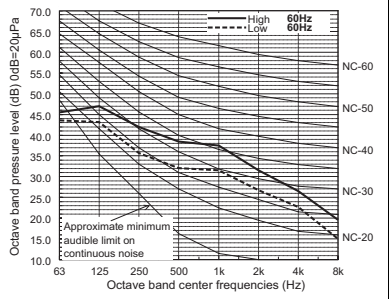
External Static Pressure: 160Pa,0.64[in.WG]
Power Source: 208V 60Hz



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

PEFY-P36,48,54NMHU-E

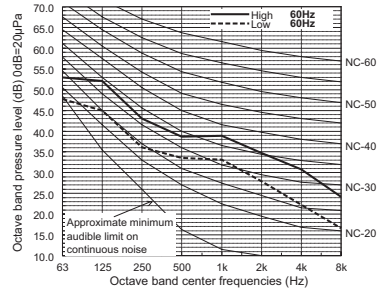
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 230V 60Hz



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

PEFY-P36,48,54NMHU-E

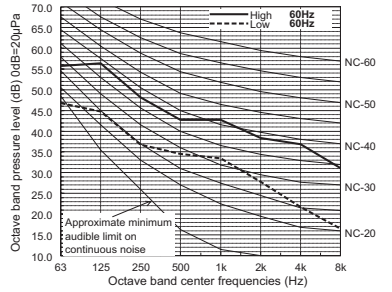
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 230V 60Hz



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

PEFY-P36,48,54NMHU-E

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



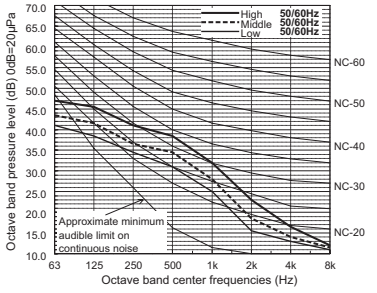
Ref.:NC_PEFY-P36,48,54NMHU-E_WYN B0-4428-3

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5. SOUND PRESSURE LEVELS

PEFY-P72NMHSU-E

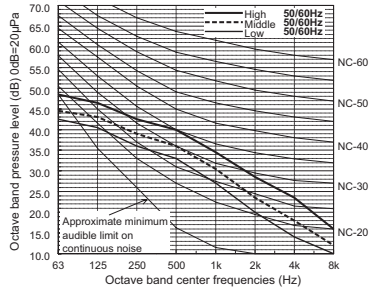
External Static Pressure: 50Pa,0.02[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.:WYNB0-8681-1

PEFY-P72NMHSU-E

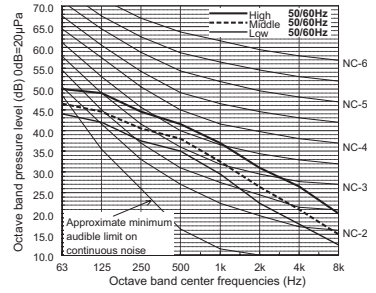
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.:WYNB0-8681-2

PEFY-P72NMHSU-E

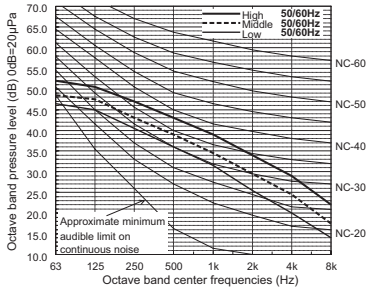
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.:WYNB0-868

PEFY-P72NMHSU-E

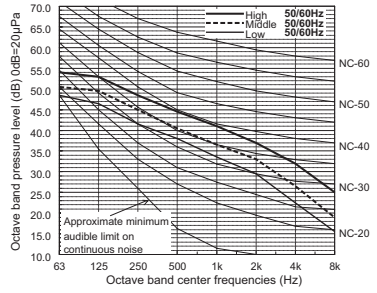
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.:WYNB0-8681-4

PEFY-P72NMHSU-E

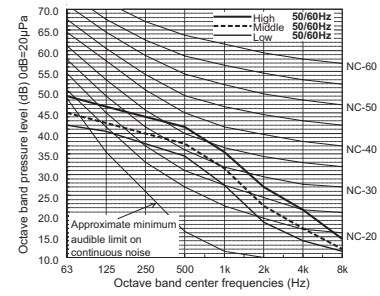
External Static Pressure: 250Pa,1[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.:WYNB0-8681-5

PEFY-P96NMHSU-E

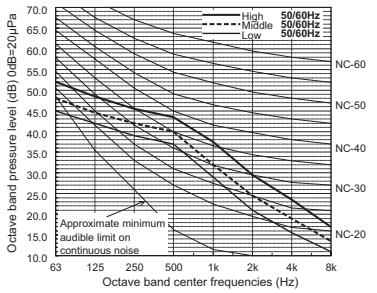
External Static Pressure: 50Pa,0.2[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.:WYNB0-8682-1

PEFY-P96NMHSU-E

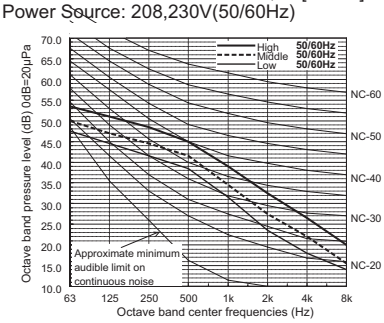
External Static Pressure: 100Pa,0.4[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.:WYNB0-8682-2

PEFY-P96NMHSU-E

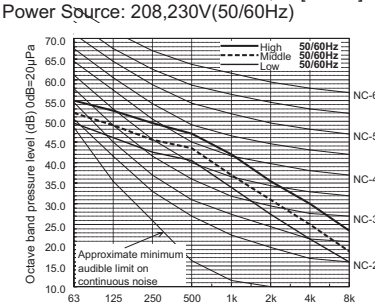
External Static Pressure: 150Pa,0.6[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.:WYNB0-8682-3

PEFY-P96NMHSU-E

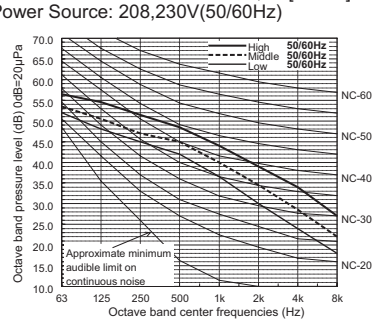
External Static Pressure: 200Pa,0.8[in.WG]
Power Source: 208,230V(50/60Hz)



Ref.:WYNB0-868

PEFY-P96NMHSU-E

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

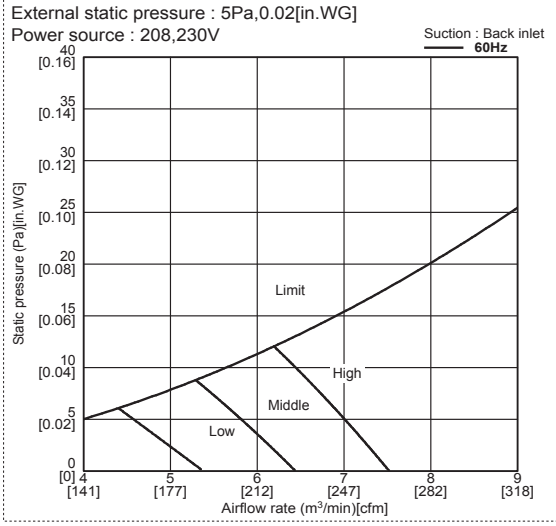


Ref.:WYNB0-8682-5

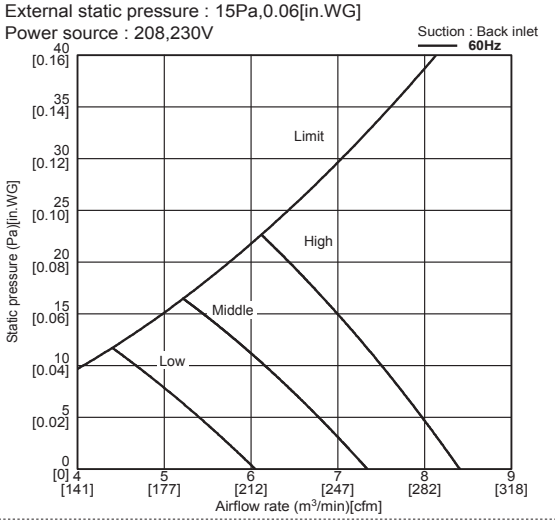
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6. FAN CHARACTERISTIC CURVES

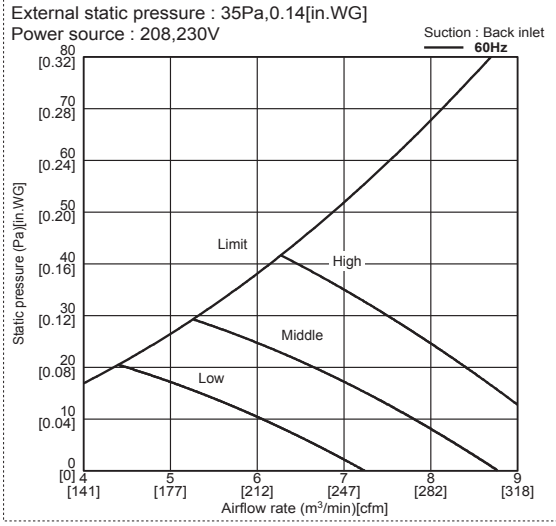
PEFY-P06NMSU-ER2
External static pressure : 5Pa,0.02[in.WG]
Power source : 208,230V



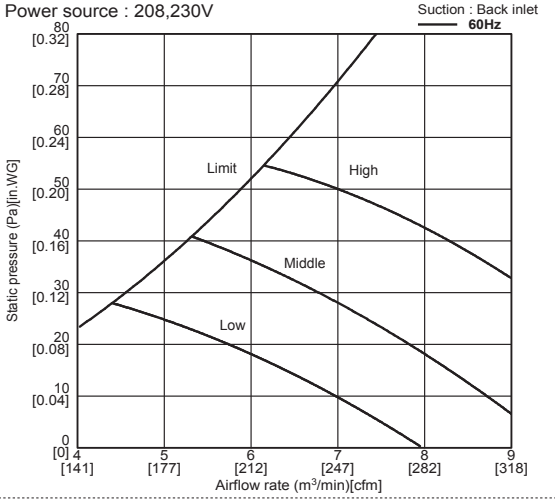
PEFY-P06NMSU-ER2
External static pressure : 15Pa,0.06[in.WG]
Power source : 208,230V



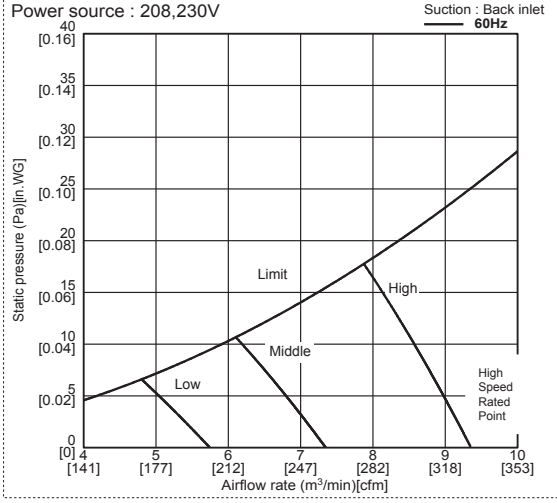
PEFY-P06NMSU-ER2
External static pressure : 35Pa,0.14[in.WG]
Power source : 208,230V



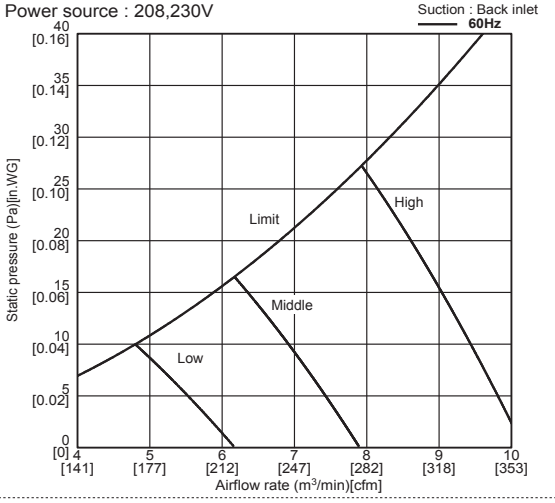
PEFY-P06NMSU-ER2
External static pressure : 50Pa,0.20[in.WG]
Power source : 208,230V



PEFY-P08NMSU-ER2
External static pressure : 5Pa,0.02[in.WG]
Power source : 208,230V



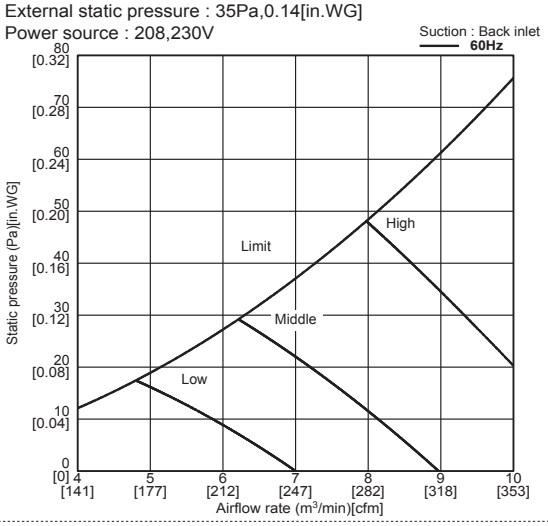
PEFY-P08NMSU-ER2
External static pressure : 15Pa,0.06[in.WG]
Power source : 208,230V



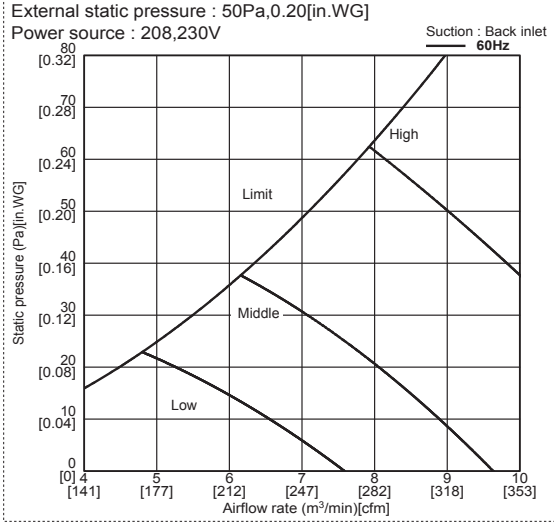
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6. FAN CHARACTERISTIC CURVES

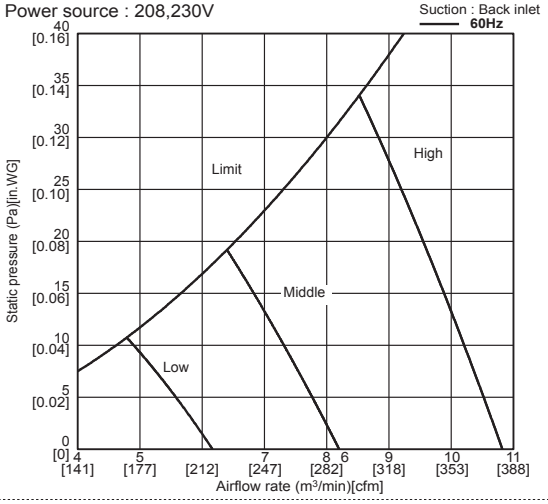
PEFY-P08NMSU-ER2
External static pressure : 35Pa,0.14[in.WG]
Power source : 208,230V



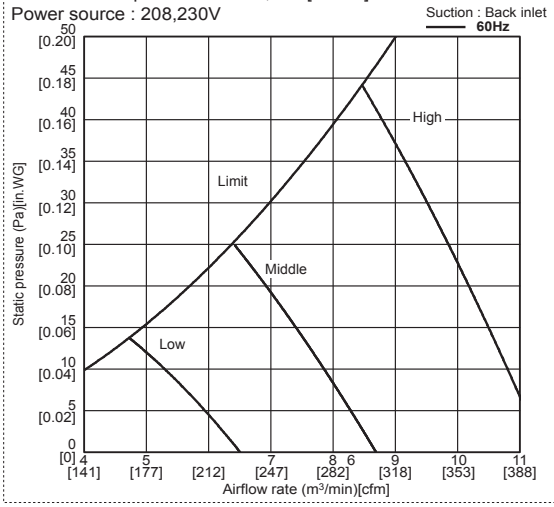
PEFY-P08NMSU-ER2
External static pressure : 50Pa,0.20[in.WG]
Power source : 208,230V



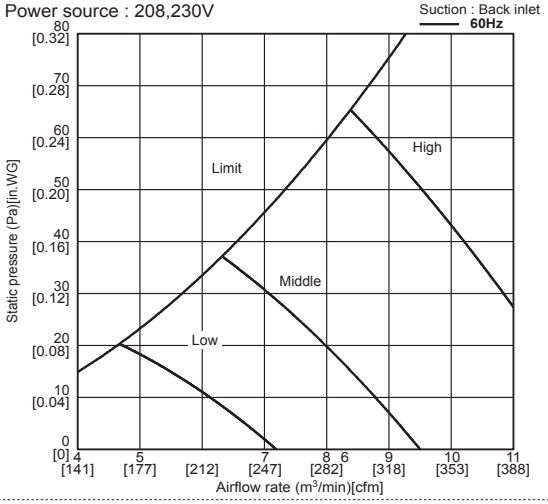
PEFY-P12NMSU-ER2
External static pressure : 5Pa,0.02[in.WG]
Power source : 208,230V



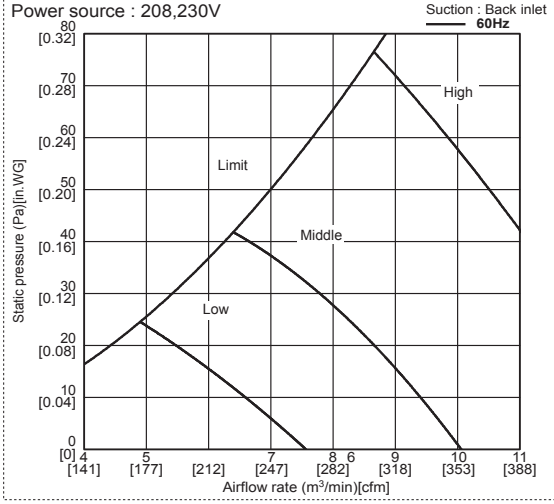
PEFY-P12NMSU-ER2
External static pressure : 15Pa,0.06[in.WG]
Power source : 208,230V



PEFY-P12NMSU-ER2
External static pressure : 35Pa,0.14[in.WG]
Power source : 208,230V



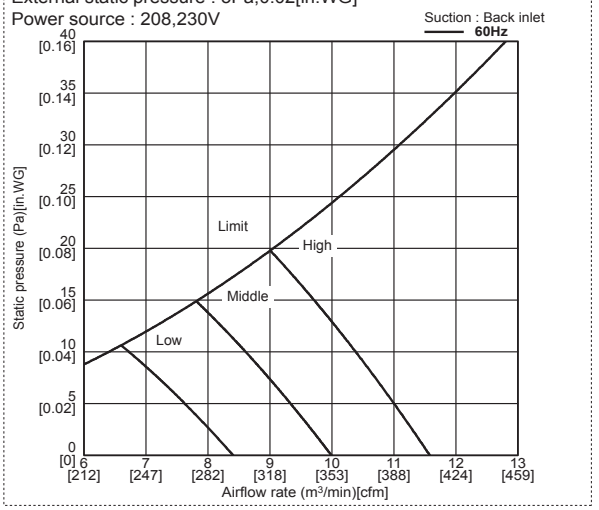
PEFY-P12NMSU-ER2
External static pressure : 50Pa,0.20[in.WG]
Power source : 208,230V



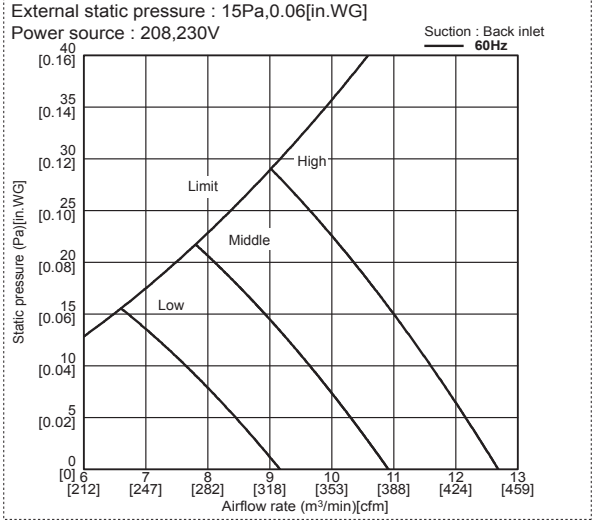
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6. FAN CHARACTERISTIC CURVES

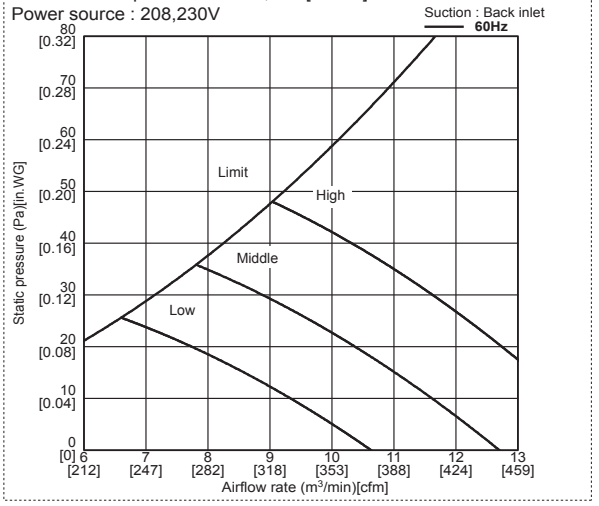
PEFY-P15NMSU-ER2
External static pressure : 5Pa,0.02[in.WG]
Power source : 208,230V



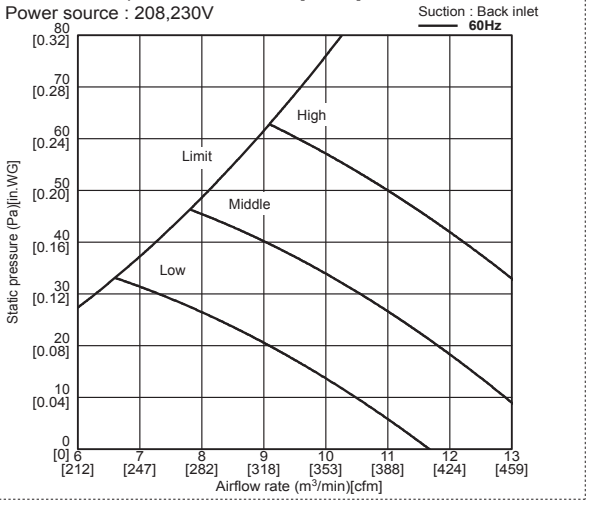
PEFY-P15NMSU-ER2
External static pressure : 15Pa,0.06[in.WG]
Power source : 208,230V



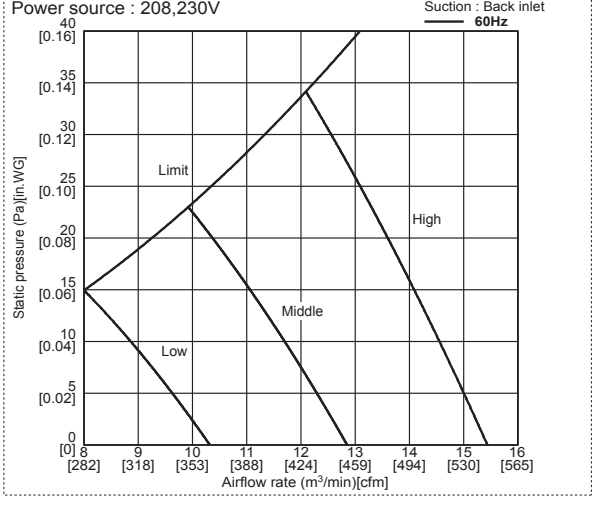
PEFY-P15NMSU-ER2
External static pressure : 35Pa,0.14[in.WG]
Power source : 208,230V



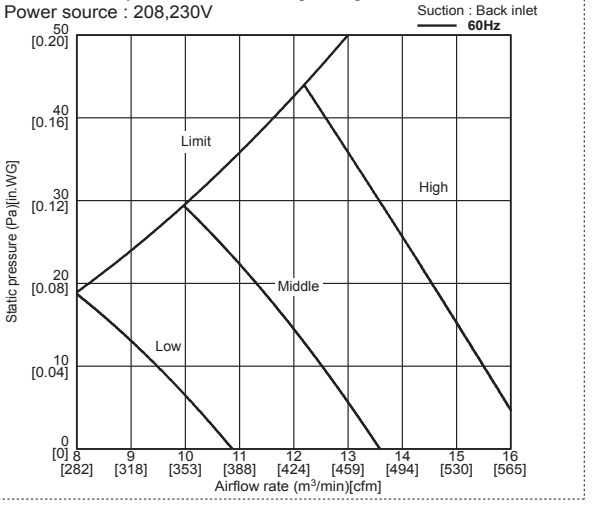
PEFY-P15NMSU-ER2
External static pressure : 50Pa,0.20[in.WG]
Power source : 208,230V



PEFY-P18NMSU-ER2
External static pressure : 5Pa,0.02[in.WG]
Power source : 208,230V



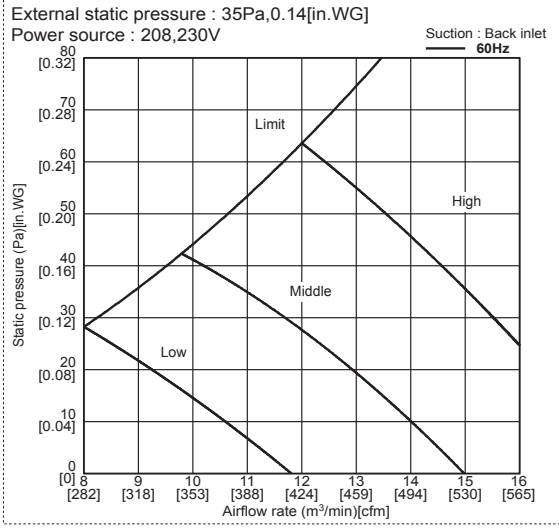
PEFY-P18NMSU-ER2
External static pressure : 15Pa,0.06[in.WG]
Power source : 208,230V



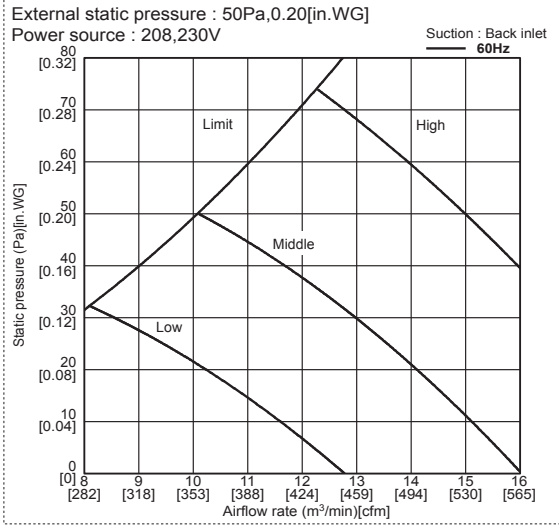
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6. FAN CHARACTERISTIC CURVES

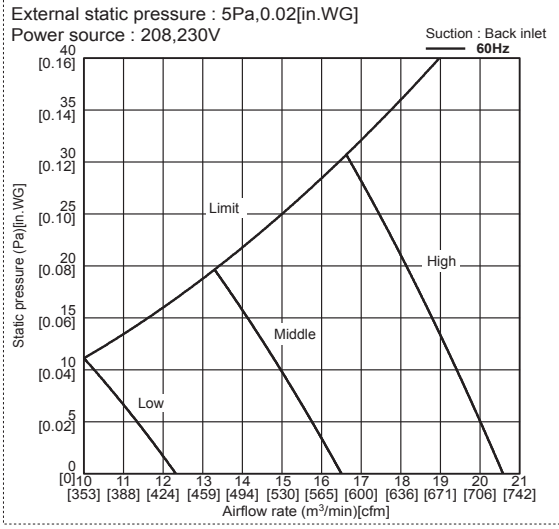
PEFY-P18NMSU-ER2
External static pressure : 35Pa,0.14[in.WG]
Power source : 208,230V



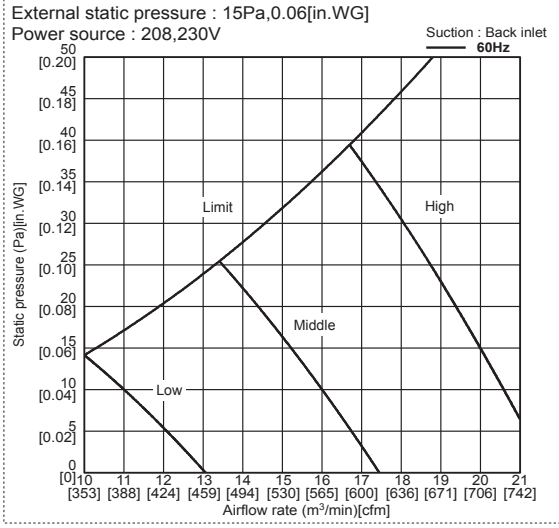
PEFY-P18NMSU-ER2
External static pressure : 50Pa,0.20[in.WG]
Power source : 208,230V



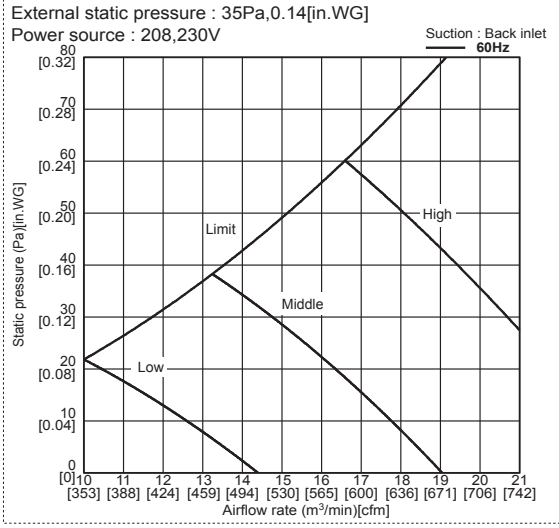
PEFY-P24NMSU-ER2
External static pressure : 5Pa,0.02[in.WG]
Power source : 208,230V



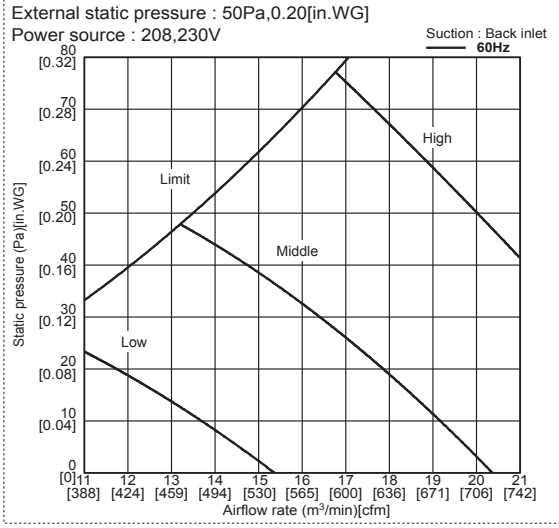
PEFY-P24NMSU-ER2
External static pressure : 15Pa,0.06[in.WG]
Power source : 208,230V



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

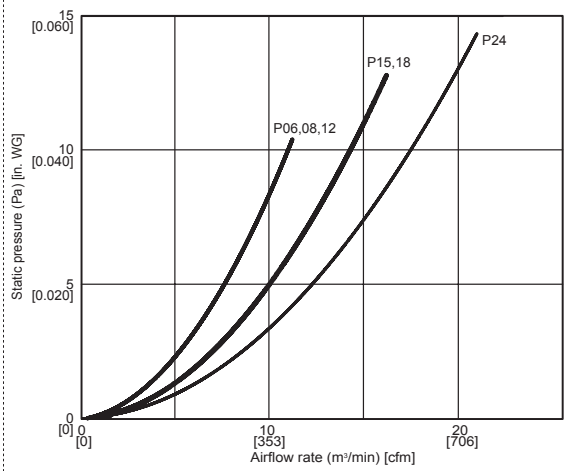


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6. FAN CHARACTERISTIC CURVES

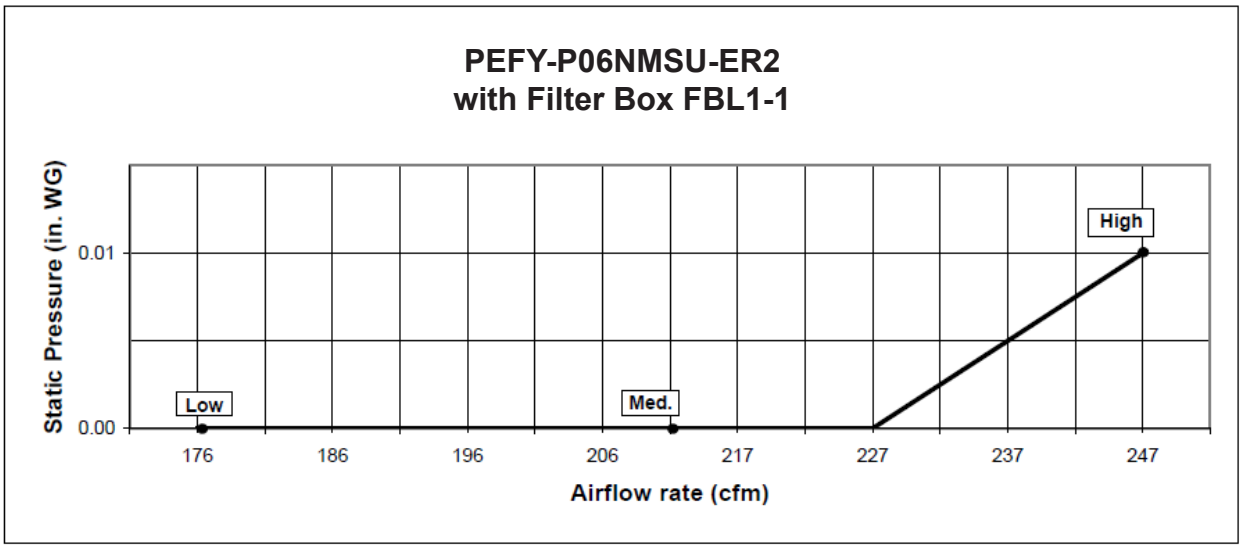
Air filter static pressure cuves

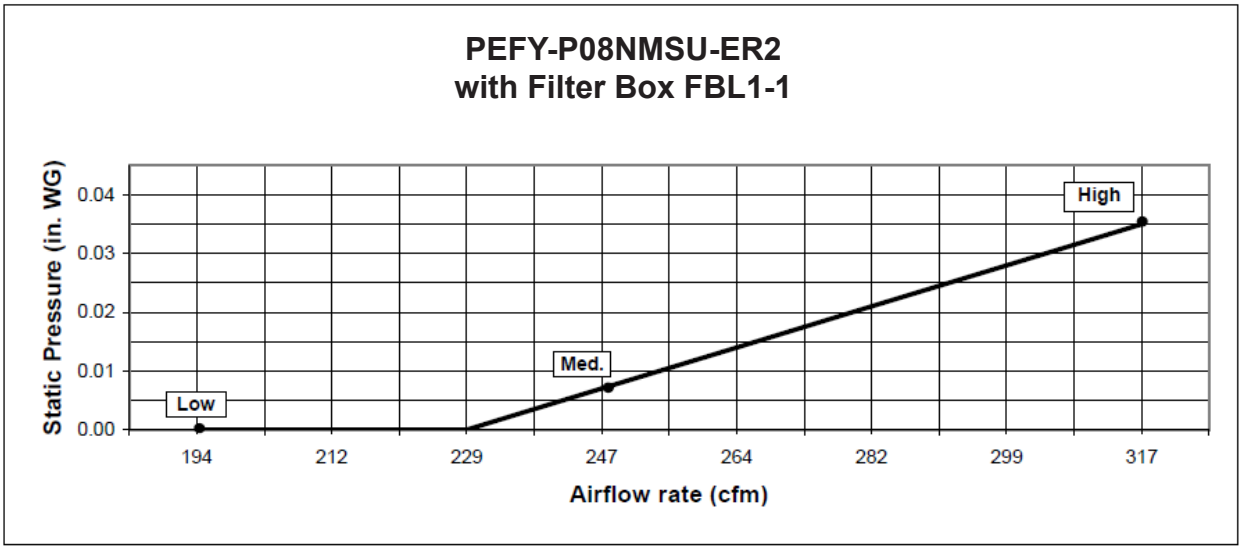
PEFY-P06,08,12,15,18,24NMSU-ER2
Air filter
Power source : 208-230V 60Hz

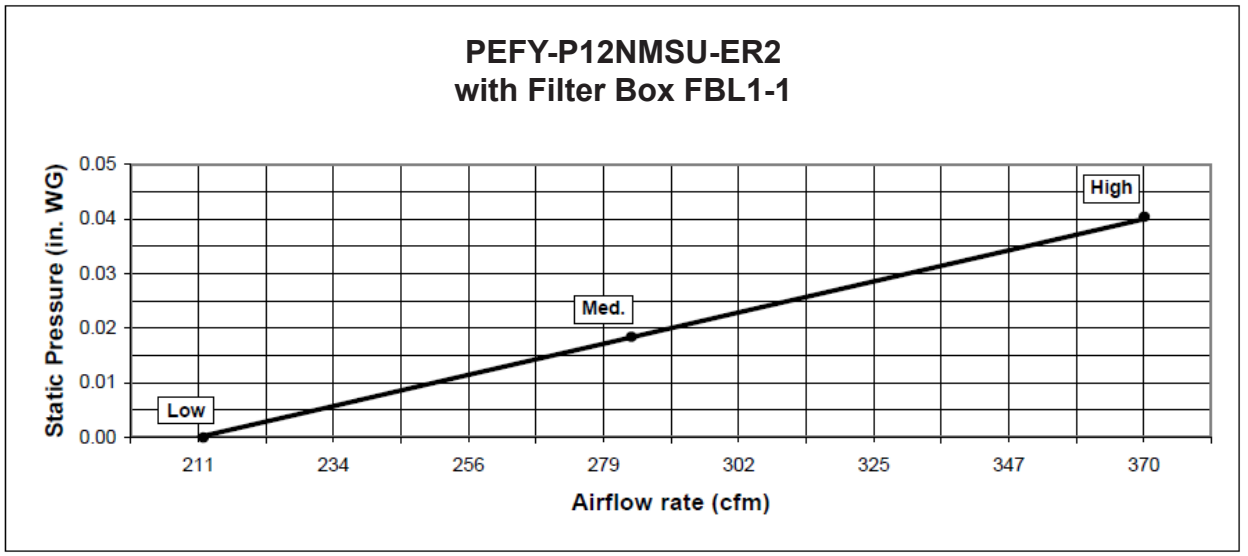


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Initial FIlter Pressure Drop Curves with Optional 1" MERV 8 Filter(s) Installed - PEFY-NMSU-ER2

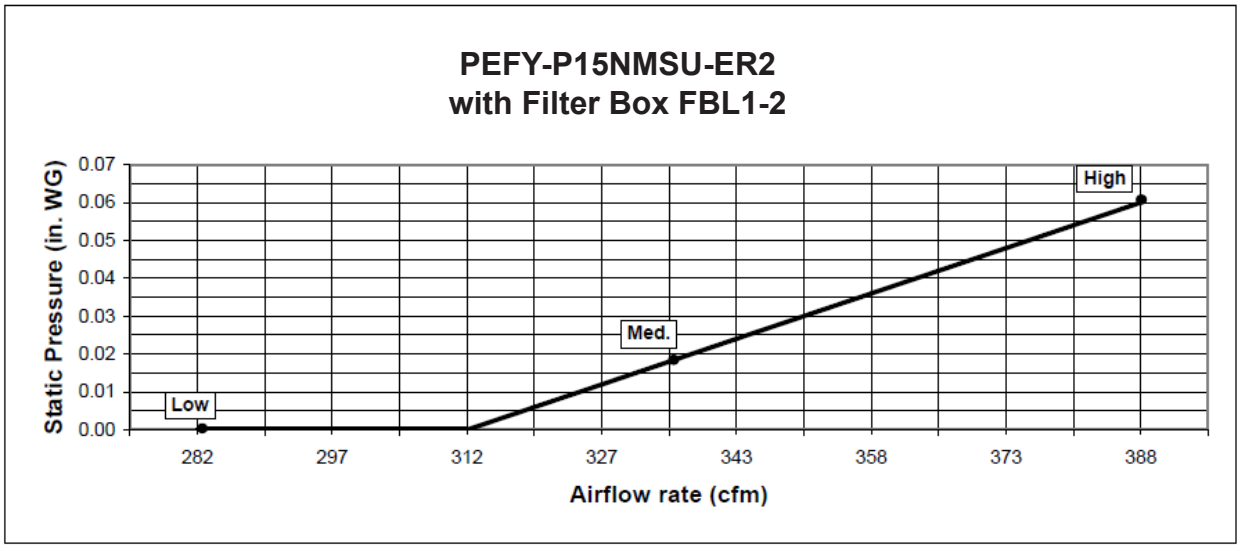


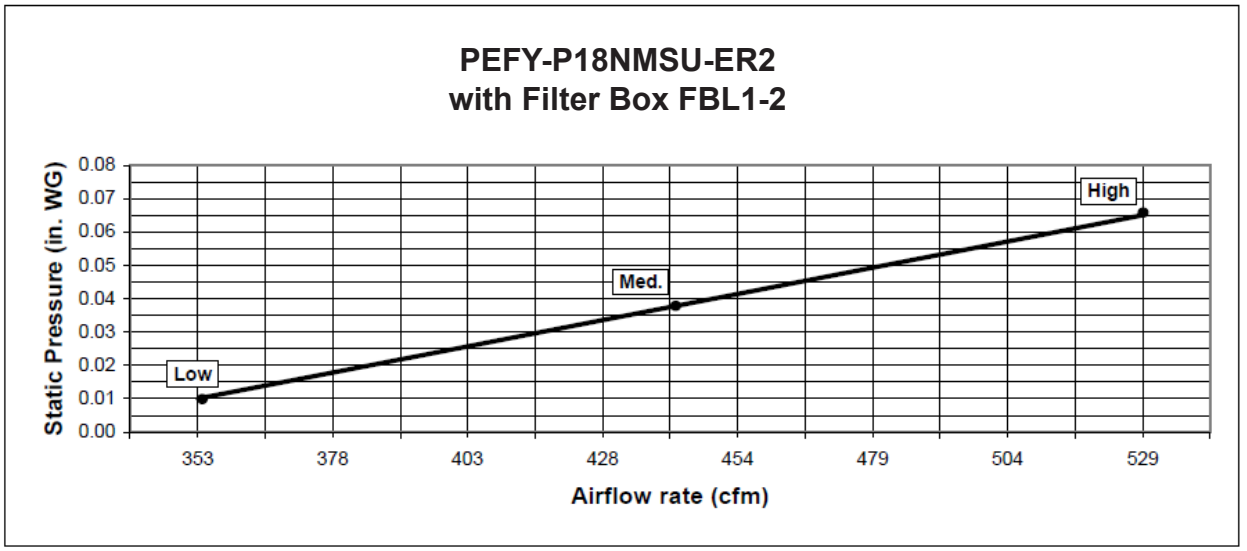


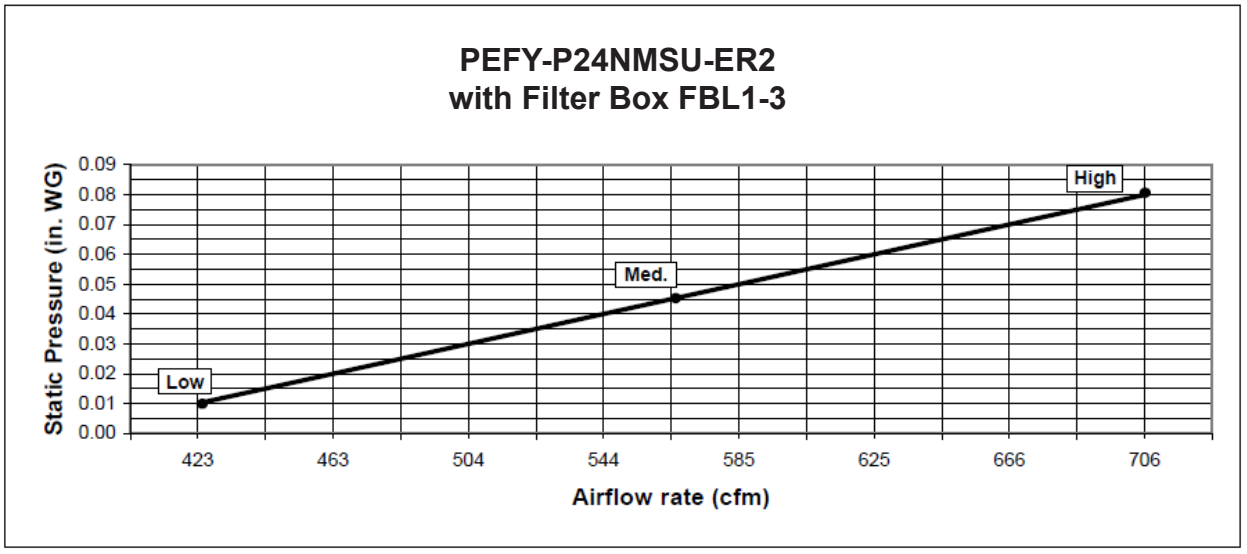


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Initial FIlter Pressure Drop Curves with Optional 1" MERV 8 Filter(s) Installed - PEFY-NMSU-ER2



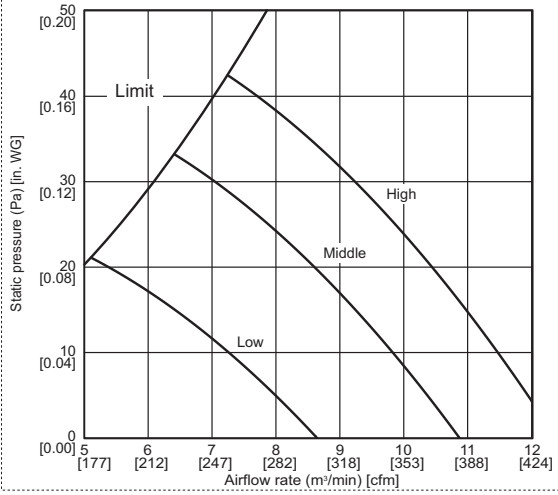




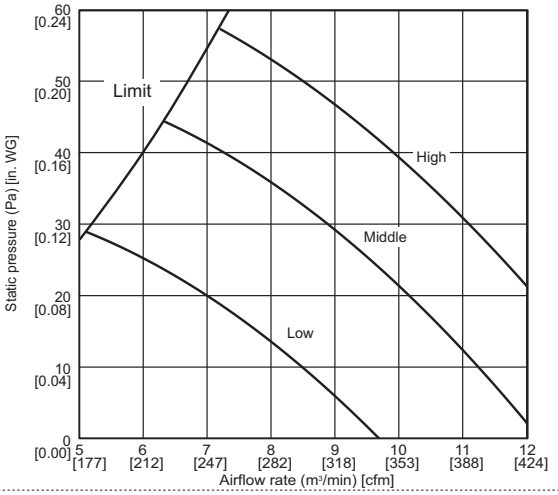
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6. FAN CHARACTERISTIC CURVES

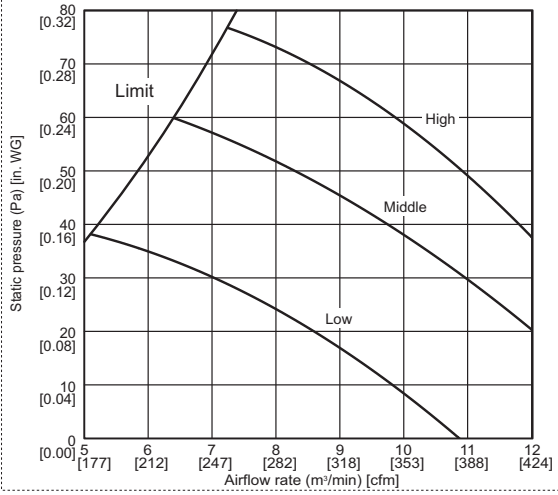
PEFY-P06,08NMAU-E2
External static pressure : 35Pa [0.14in.WG]
Power source : 208-230V



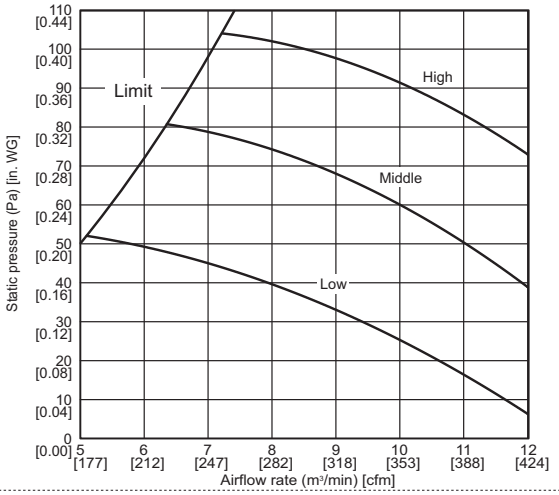
PEFY-P06,08NMAU-E2
External static pressure : 50Pa [0.20in.WG]
Power source : 208-230V



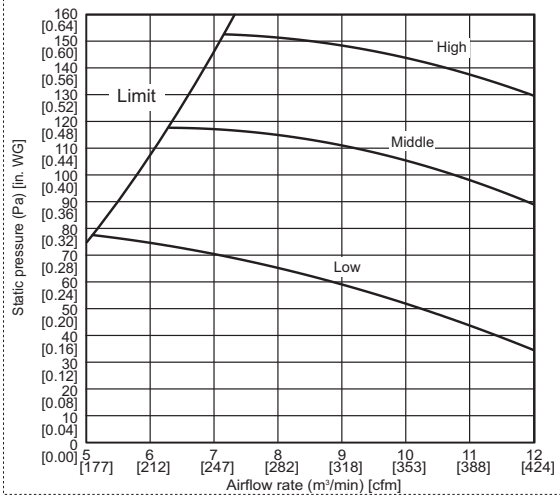
PEFY-P06,08NMAU-E2
External static pressure : 70Pa [0.28in.WG]
Power source : 208-230V



PEFY-P06,08NMAU-E2
External static pressure : 100Pa [0.40in.WG]
Power source : 208-230V



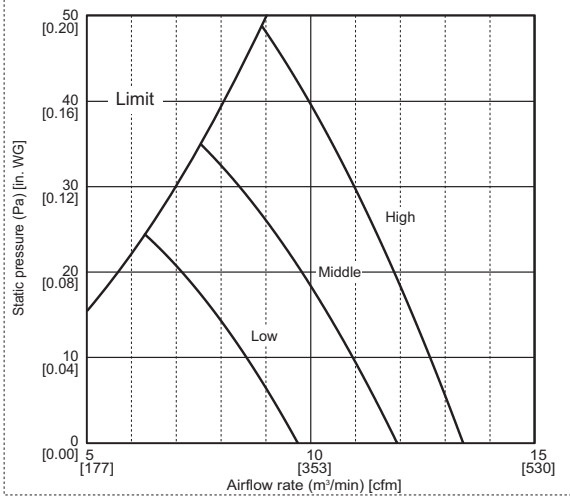
PEFY-P06,08NMAU-E2
External static pressure : 150Pa [0.60in.WG]
Power source : 208-230V



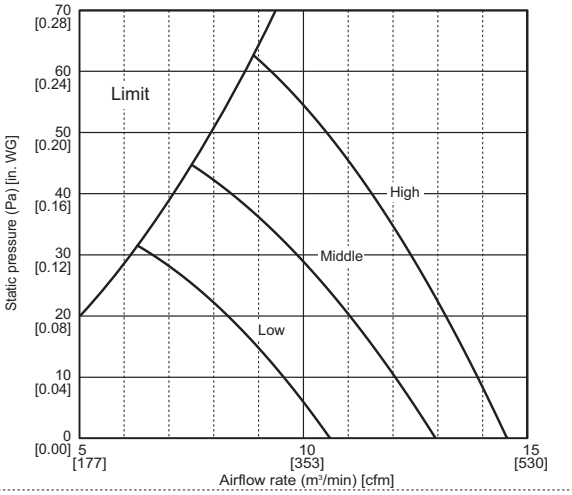
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6. FAN CHARACTERISTIC CURVES

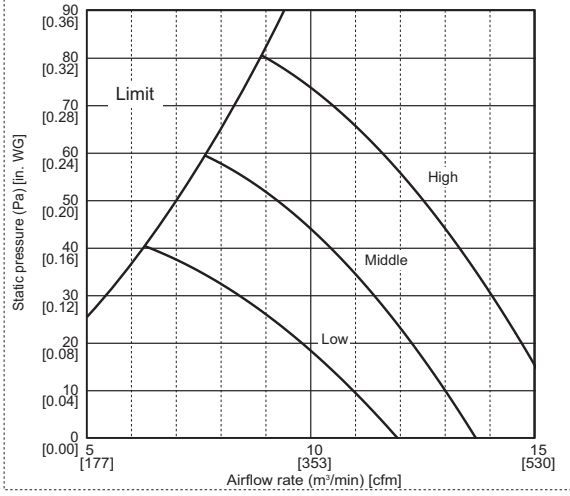
PEFY-P12NMAU-E2
External static pressure : 35Pa [0.14in.WG]
Power source : 208-230V



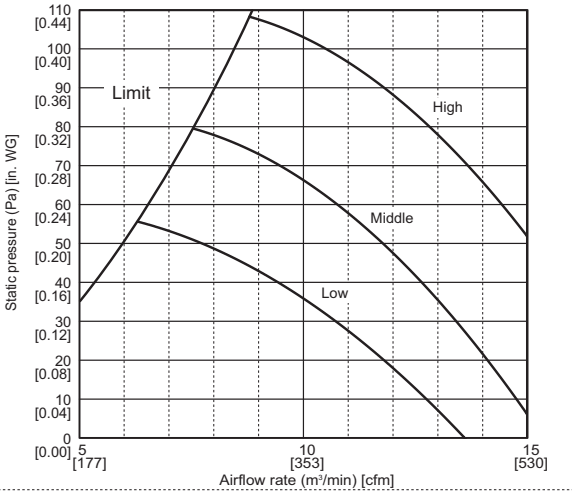
PEFY-P12NMAU-E2
External static pressure : 50Pa [0.20in.WG]
Power source : 208-230V



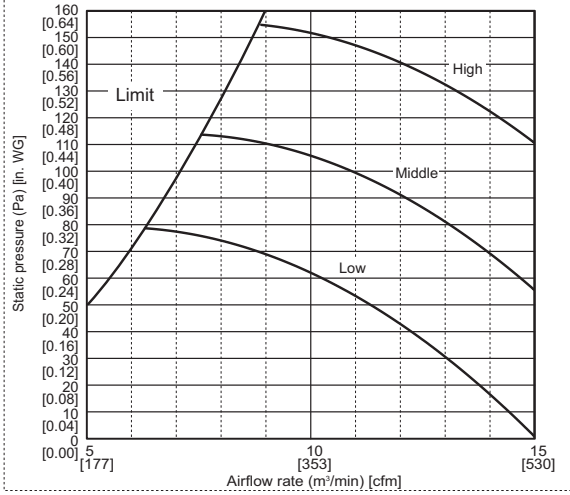
PEFY-P12NMAU-E2
External static pressure : 70Pa [0.28in.WG]
Power source : 208-230V



PEFY-P12NMAU-E2
External static pressure : 100Pa [0.40in.WG]
Power source : 208-230V



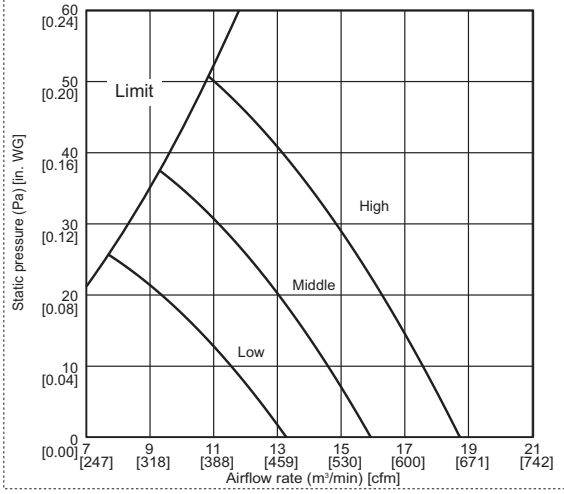
PEFY-P12NMAU-E2
External static pressure : 150Pa [0.60in.WG]
Power source : 208-230V



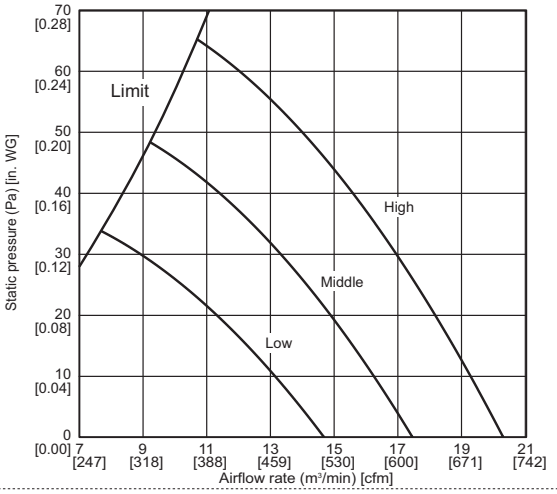
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6. FAN CHARACTERISTIC CURVES

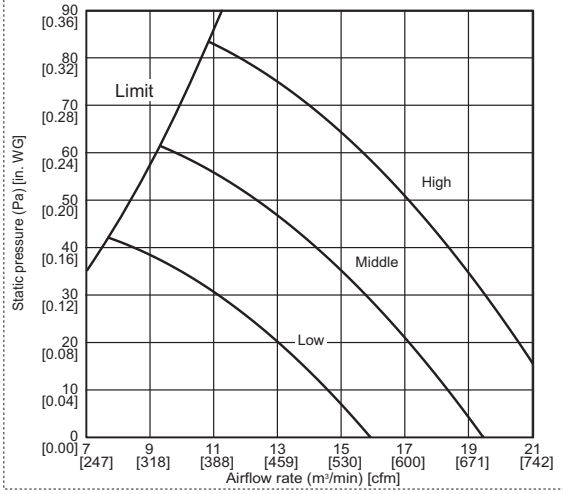
PEFY-P15NMAU-E2
External static pressure : 35Pa [0.14in.WG]
Power source : 208-230V



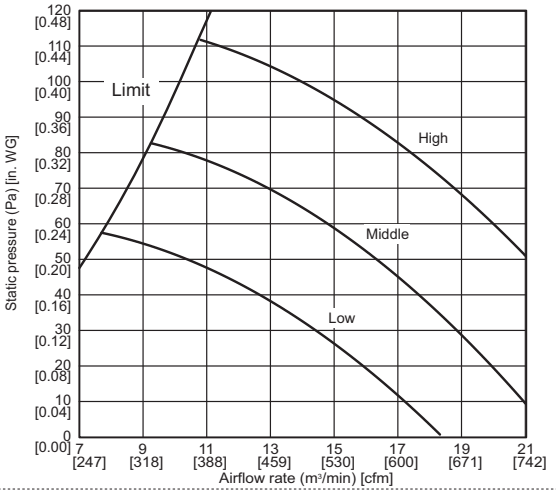
PEFY-P15NMAU-E2
External static pressure : 50Pa [0.20in.WG]
Power source : 208-230V



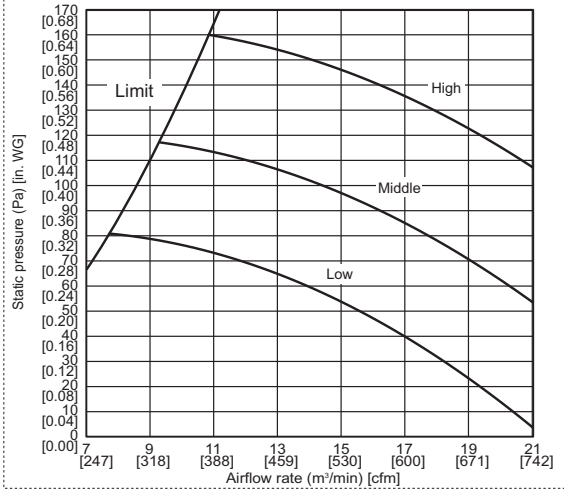
PEFY-P15NMAU-E2
External static pressure : 70Pa [0.28in.WG]
Power source : 208-230V



PEFY-P15NMAU-E2
External static pressure : 100Pa [0.40in.WG]
Power source : 208-230V



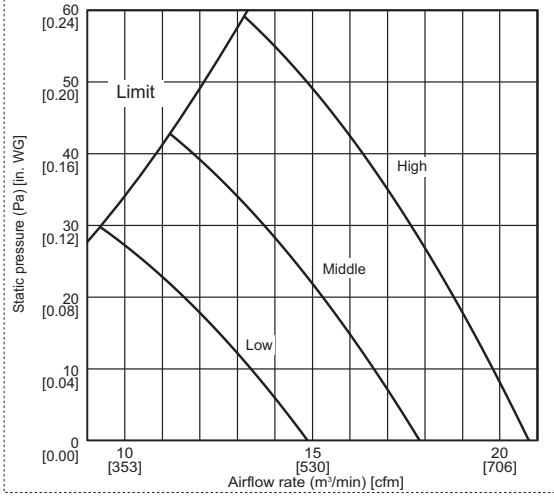
PEFY-P15NMAU-E2
External static pressure : 150Pa [0.60in.WG]
Power source : 208-230V



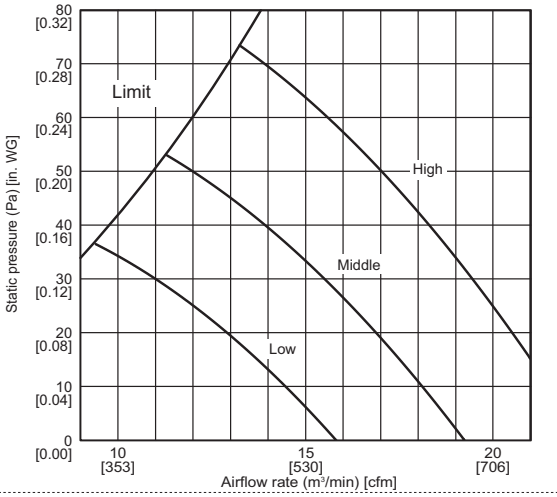
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6. FAN CHARACTERISTIC CURVES

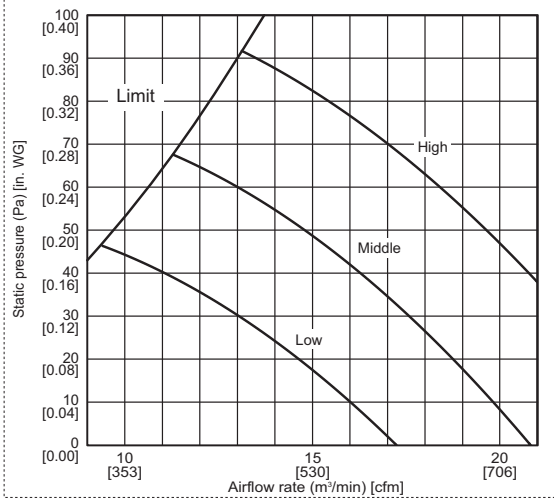
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External static pressure : 35Pa [0.14in.WG]
Power source : 208-230V



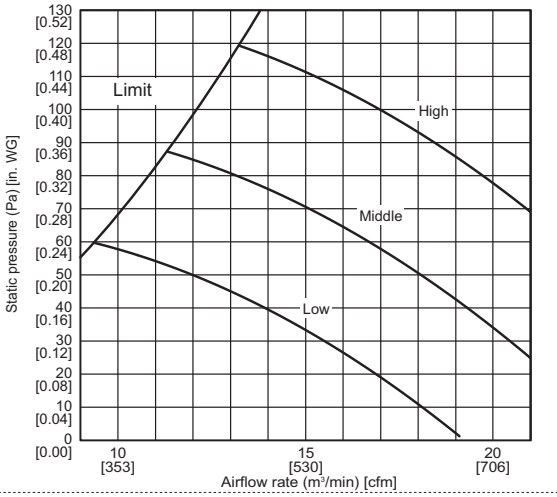
PEFY-P18NMAU-E2
External static pressure : 50Pa [0.20in.WG]
Power source : 208-230V



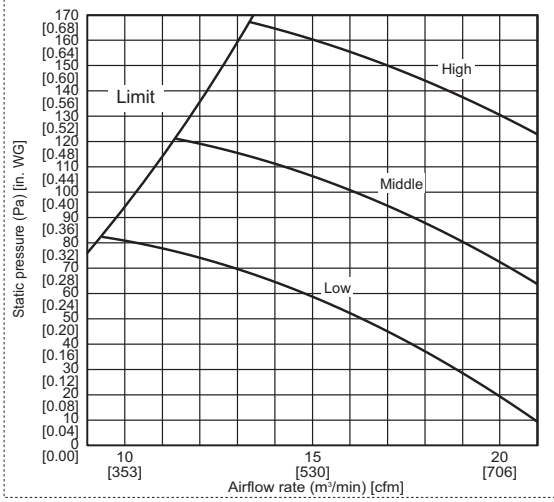
PEFY-P18NMAU-E2
External static pressure : 70Pa [0.28in.WG]
Power source : 208-230V



PEFY-P18NMAU-E2
External static pressure : 100Pa [0.40in.WG]
Power source : 208-230V



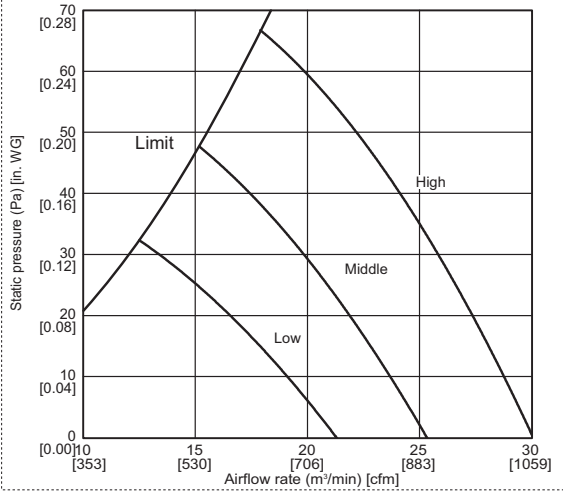
PEFY-P18NMAU-E2
External static pressure : 150Pa [0.60in.WG]
Power source : 208-230V



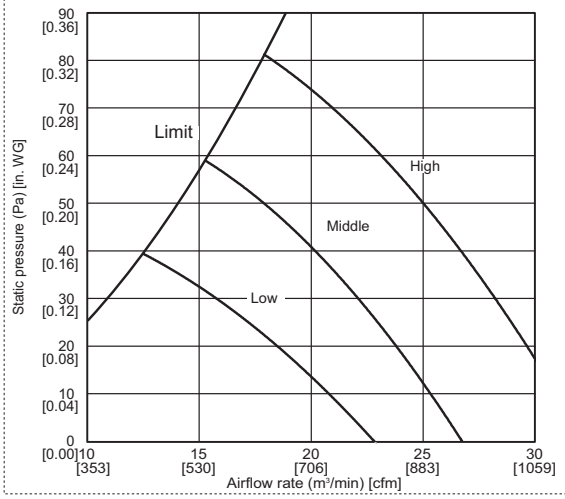
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6. FAN CHARACTERISTIC CURVES

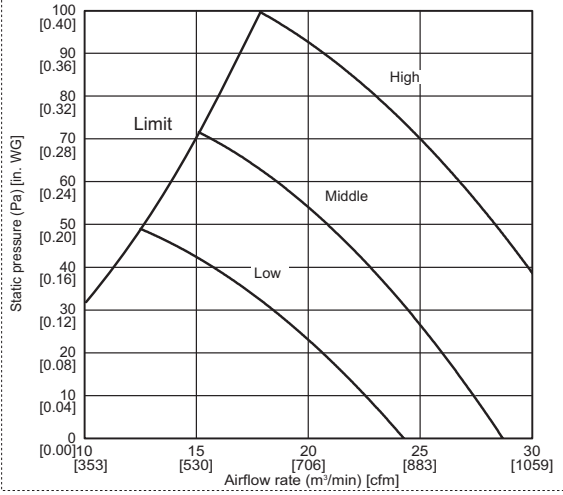
PEFY-P24,27,30NMAU-E2
External static pressure : 35Pa [0.14in.WG]
Power source : 208-230V



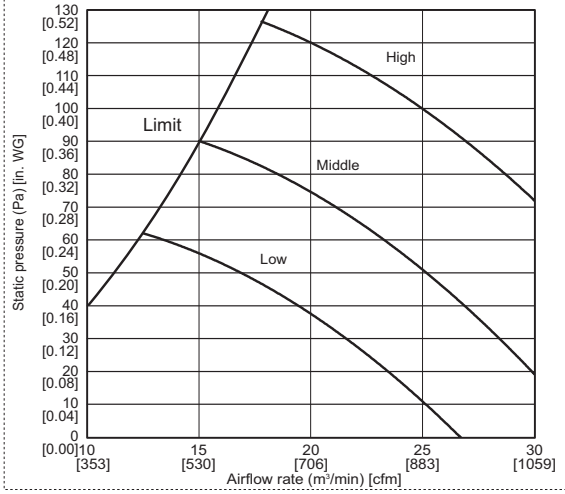
PEFY-P24,27,30NMAU-E2
External static pressure : 50Pa [0.20in.WG]
Power source : 208-230V



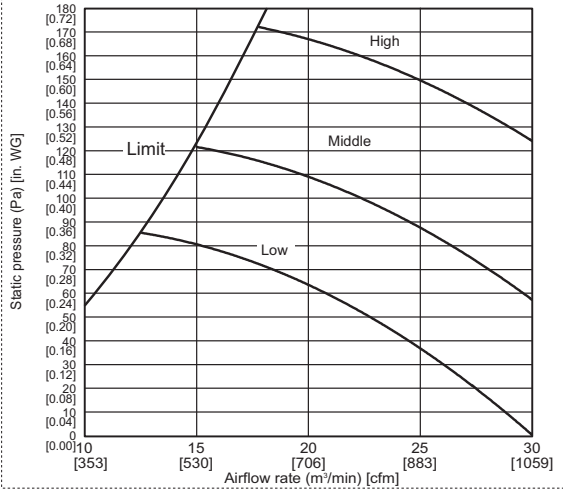
PEFY-P24,27,30NMAU-E2
External static pressure : 70Pa [0.28in.WG]
Power source : 208-230V



PEFY-P24,27,30NMAU-E2
External static pressure : 100Pa [0.40in.WG]
Power source : 208-230V



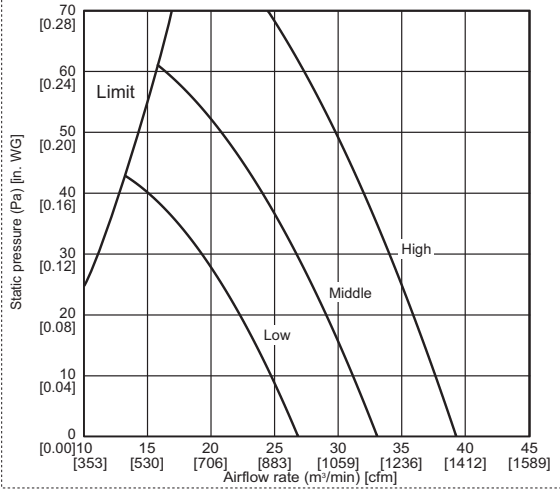
PEFY-P24,27,30NMAU-E2
External static pressure : 150Pa [0.60in.WG]
Power source : 208-230V



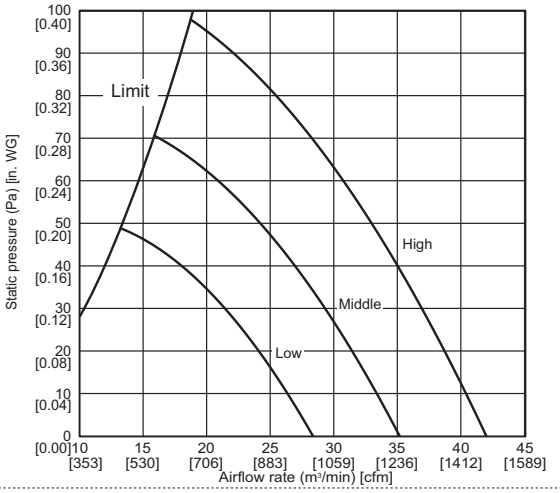
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6. FAN CHARACTERISTIC CURVES

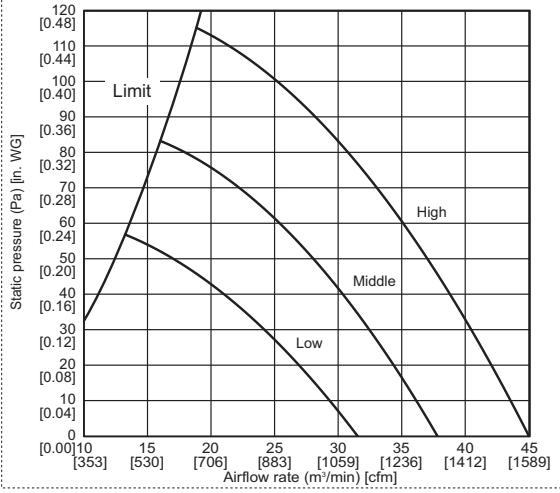
PEFY-P36NMAU-E2
External static pressure : 35Pa [0.14in.WG]
Power source : 208-230V



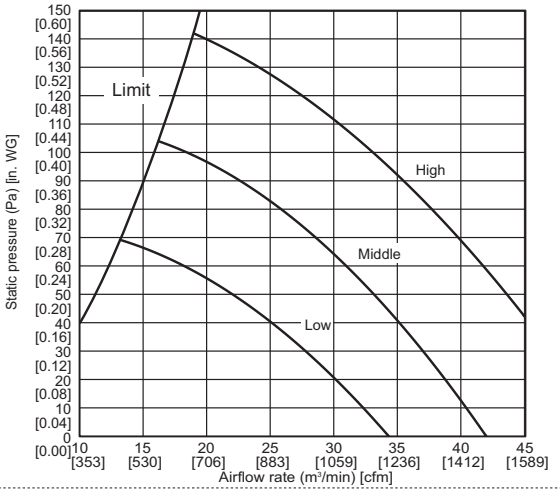
PEFY-P36NMAU-E2
External static pressure : 50Pa [0.20in.WG]
Power source : 208-230V



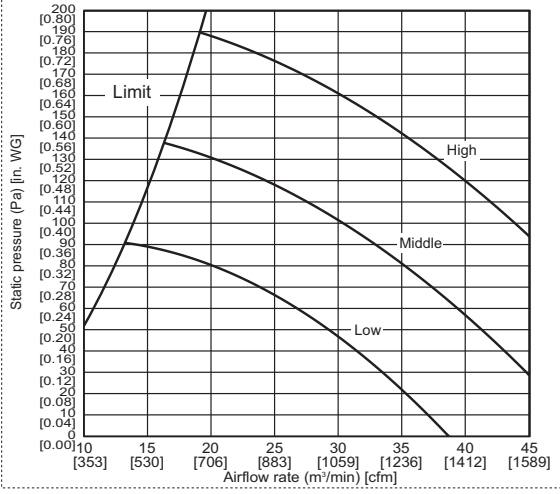
PEFY-P36NMAU-E2
External static pressure : 70Pa [0.28in.WG]
Power source : 208-230V



PEFY-P36NMAU-E2
External static pressure : 100Pa [0.40in.WG]
Power source : 208-230V



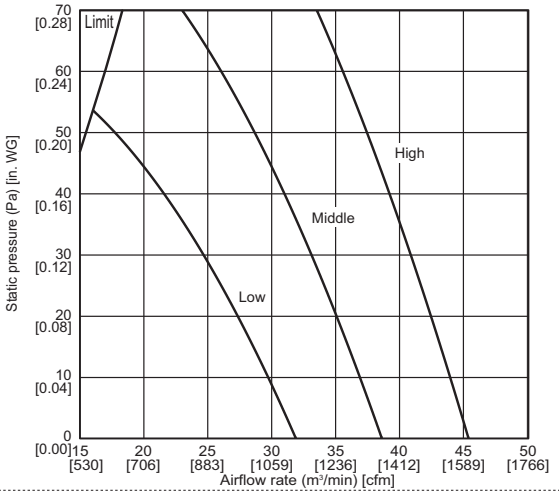
PEFY-P36NMAU-E2
External static pressure : 150Pa [0.60in.WG]
Power source : 208-230V



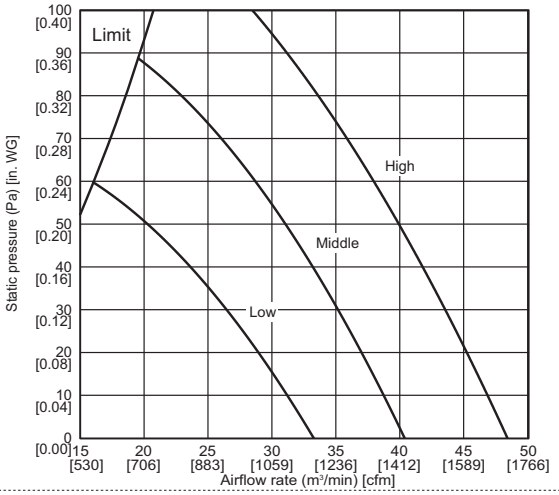
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6. FAN CHARACTERISTIC CURVES

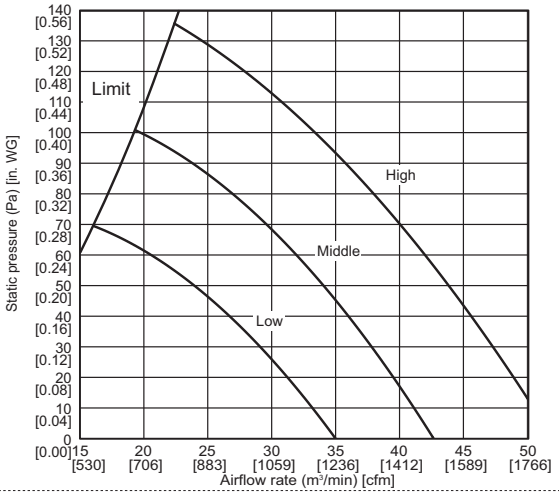
PEFY-P48NMAU-E2
External static pressure : 35Pa [0.14in.WG]
Power source : 208-230V



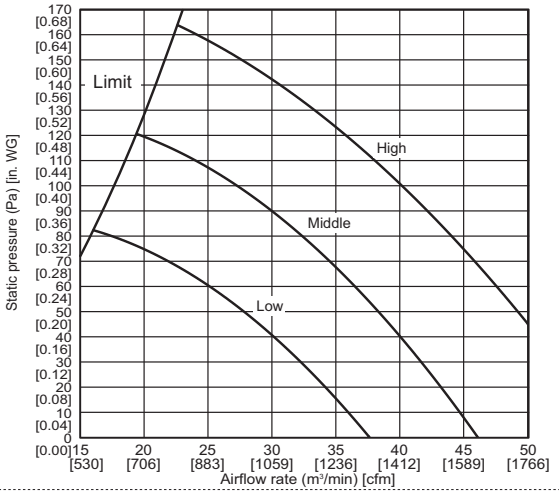
PEFY-P48NMAU-E2
External static pressure : 50Pa [0.20in.WG]
Power source : 208-230V



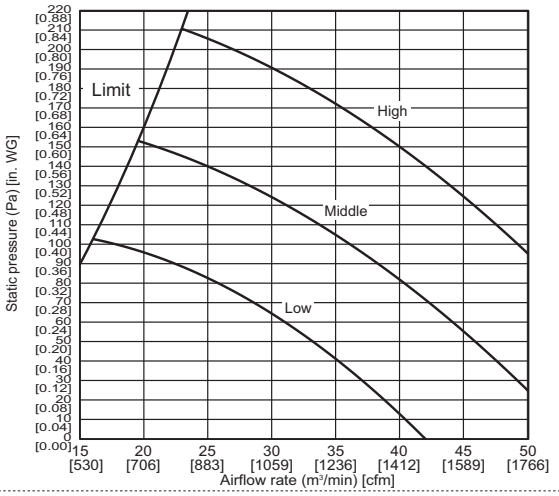
PEFY-P48NMAU-E2
External static pressure : 70Pa [0.28in.WG]
Power source : 208-230V



PEFY-P48NMAU-E2
External static pressure : 100Pa [0.40in.WG]
Power source : 208-230V



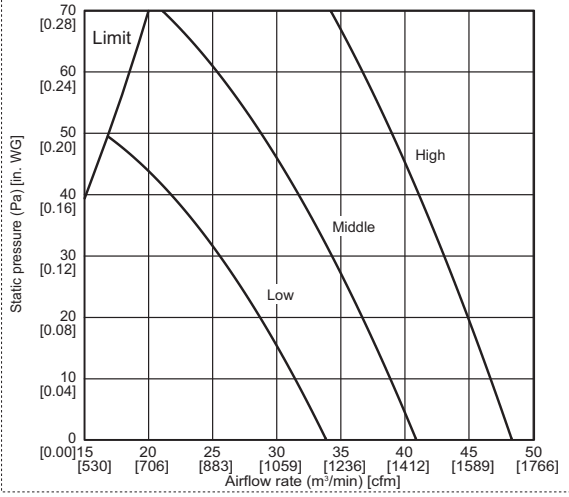
PEFY-P48NMAU-E2
External static pressure : 150Pa [0.60in.WG]
Power source : 208-230V



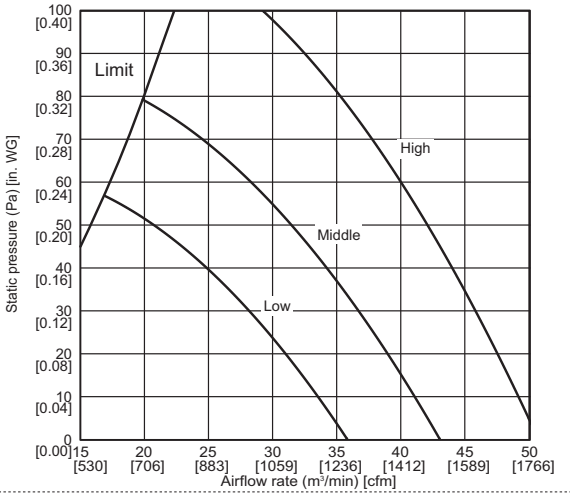
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6. FAN CHARACTERISTIC CURVES

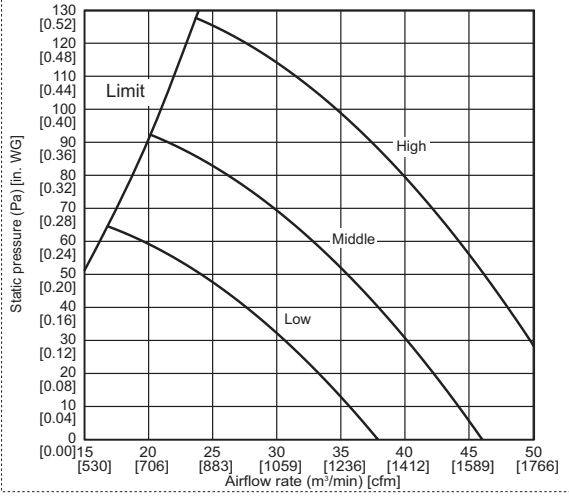
PEFY-P54NMAU-E2
External static pressure : 35Pa [0.14in.WG]
Power source : 208-230V



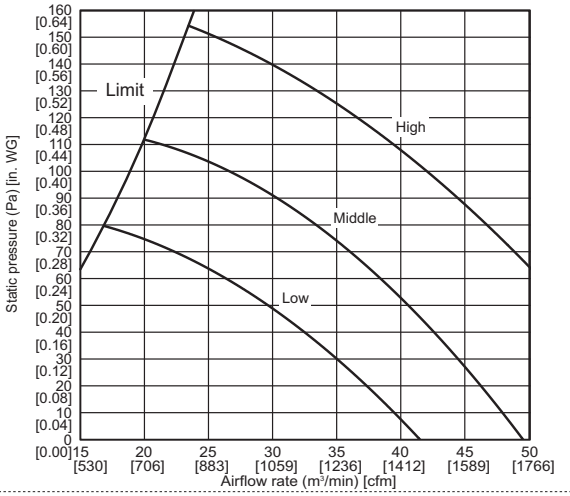
PEFY-P54NMAU-E2
External static pressure : 50Pa [0.20in.WG]
Power source : 208-230V



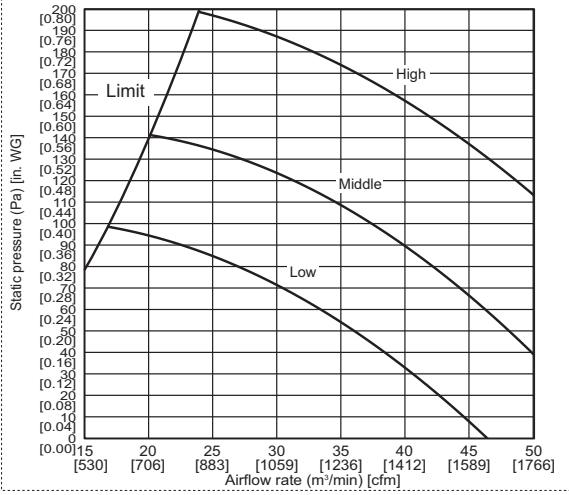
PEFY-P54NMAU-E2
External static pressure : 70Pa [0.28in.WG]
Power source : 208-230V



PEFY-P54NMAU-E2
External static pressure : 100Pa [0.40in.WG]
Power source : 208-230V



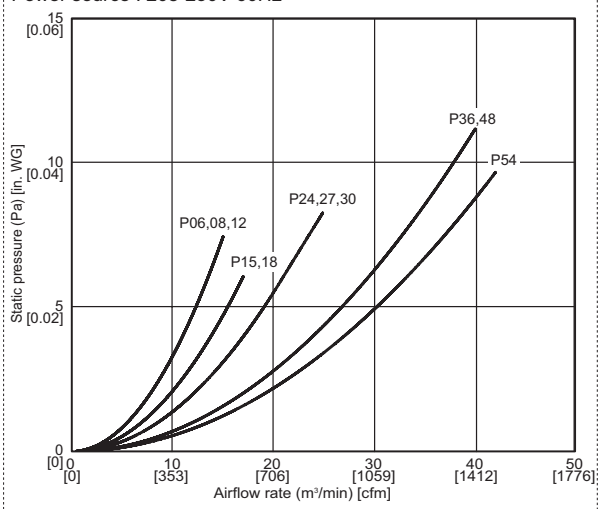
PEFY-P54NMAU-E2
External static pressure : 150Pa [0.60in.WG]
Power source : 208-230V



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6. FAN CHARACTERISTIC CURVES

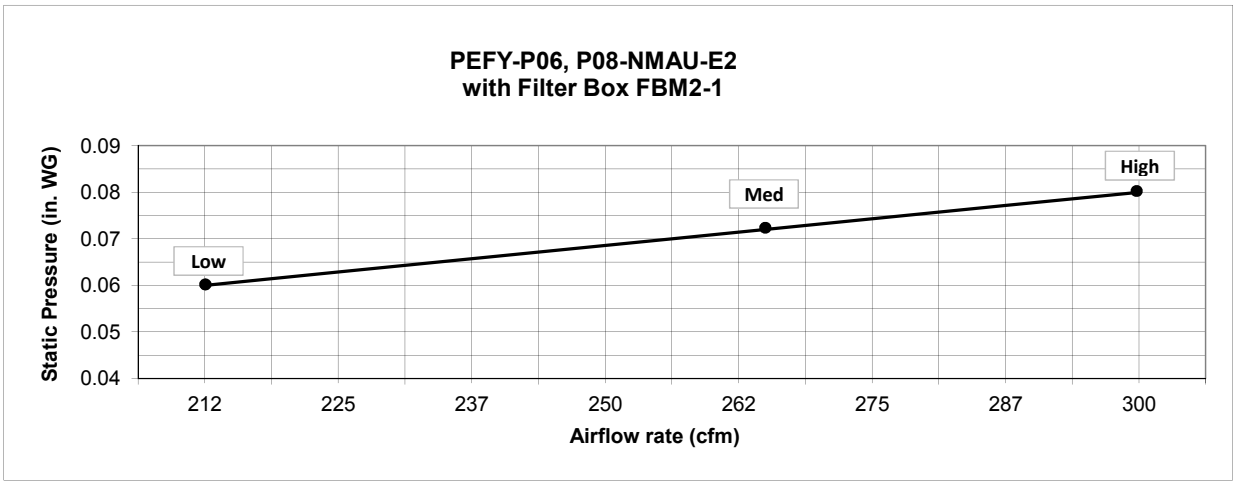
PEFY-P06,08,12,15,18,24,27,30,36,48,54NMAU-E2
Air filter
Power source : 208-230V 60Hz

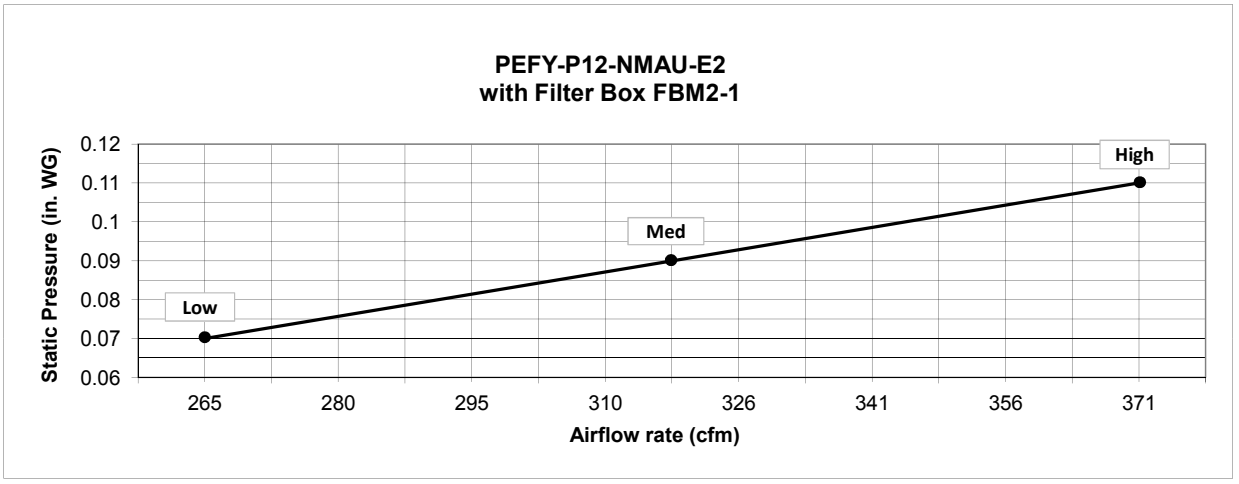


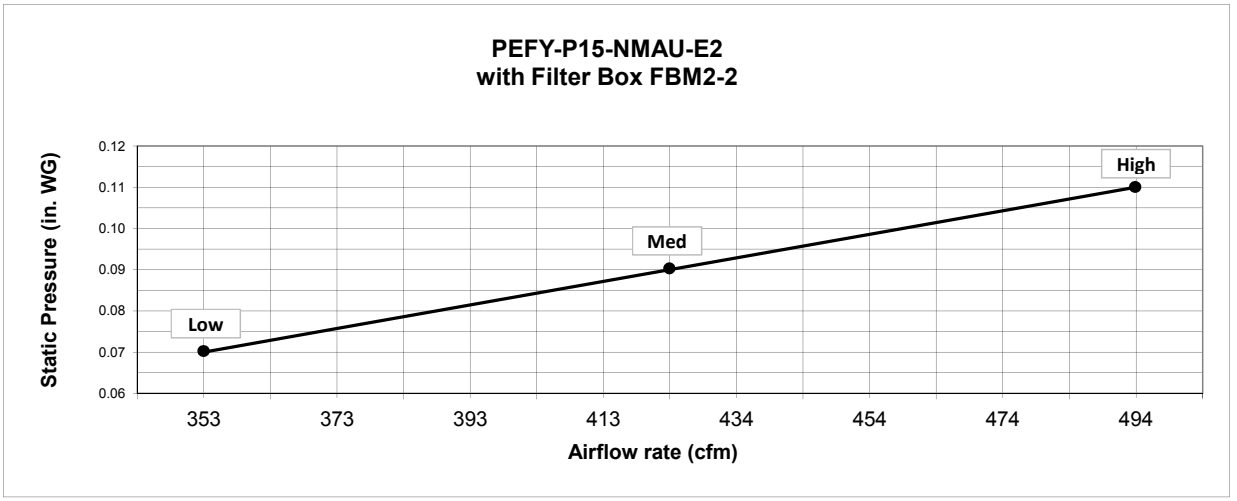
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6. FAN CHARACTERISTIC CURVES

Initial FIlter Pressure Drop Curves with Optional 2" MERV 13 Filter(s) Installed - PEFY-NMAU-E2



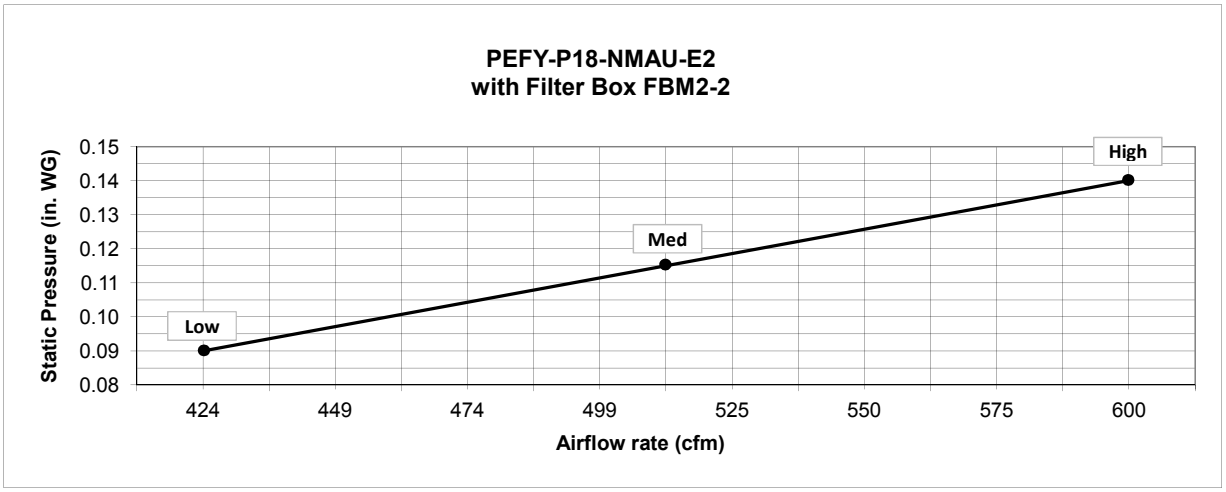


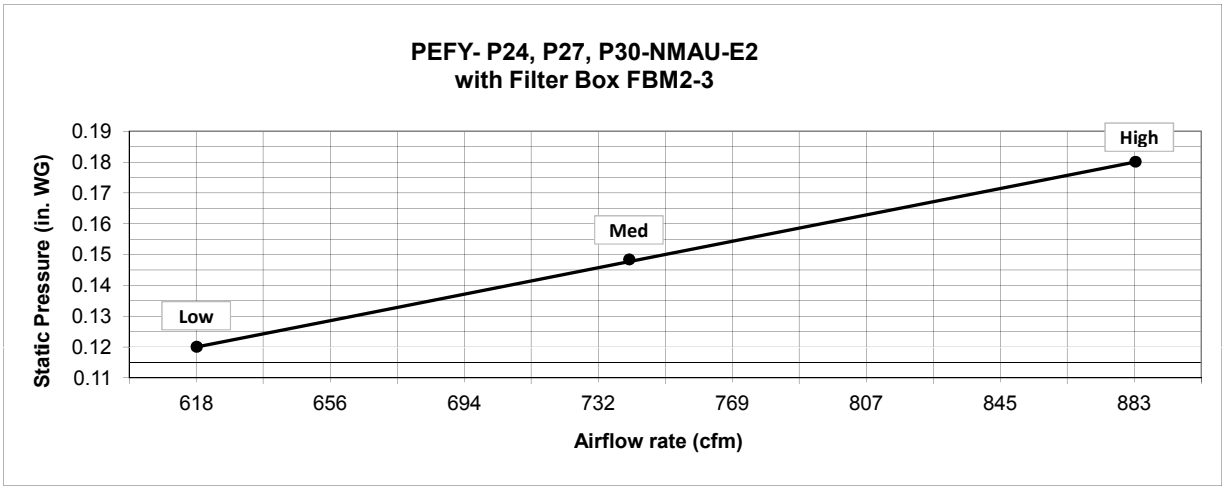


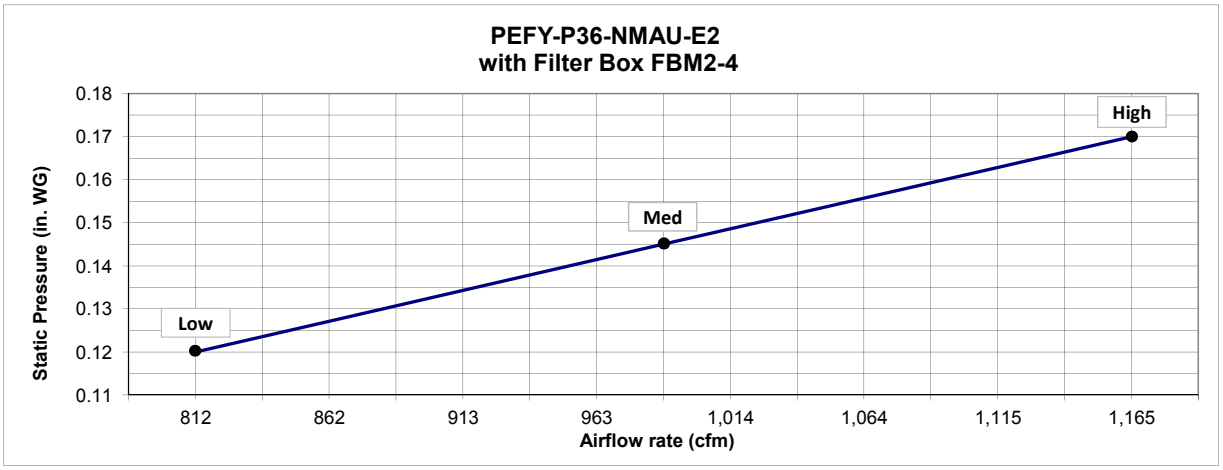
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6. FAN CHARACTERISTIC CURVES

Initial FIlter Pressure Drop Curves with Optional 2" MERV 13 Filter(s) Installed - PEFY-NMAU-E2



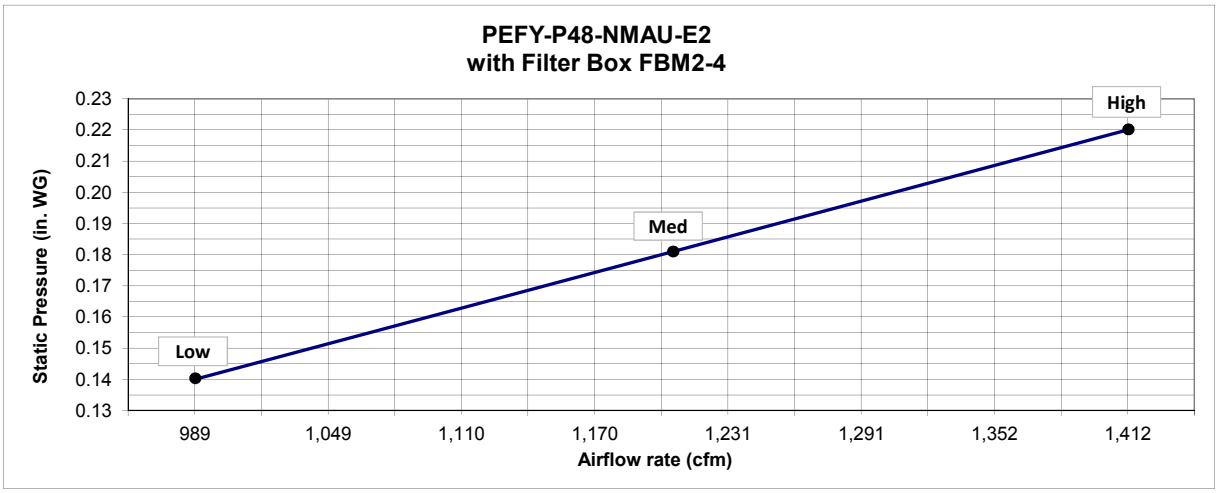


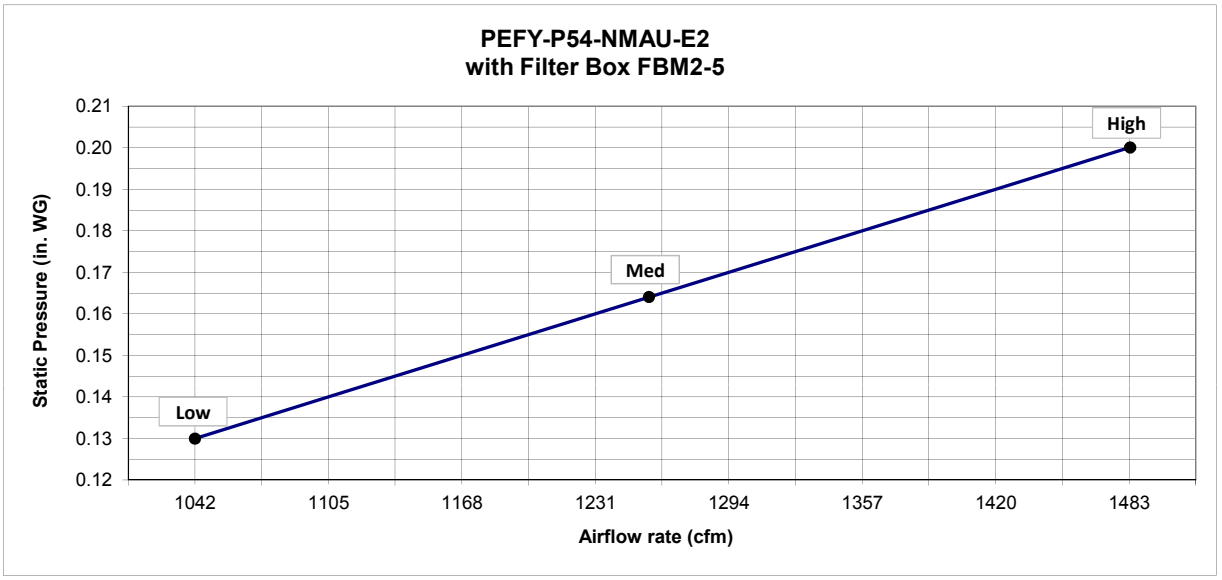


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6. FAN CHARACTERISTIC CURVES

Initial FIlter Pressure Drop Curves with Optional 2" MERV 13 Filter(s) Installed - PEFY-NMAU-E2

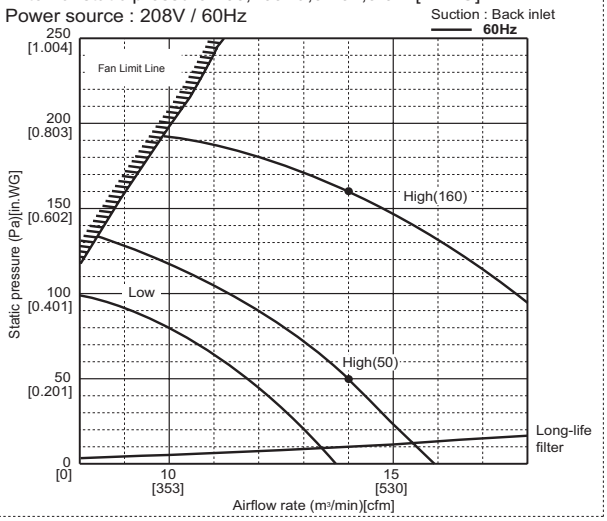




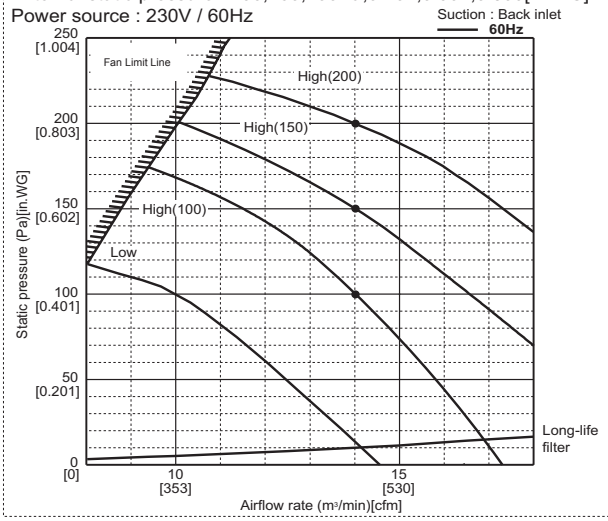
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6. FAN CHARACTERISTIC CURVES

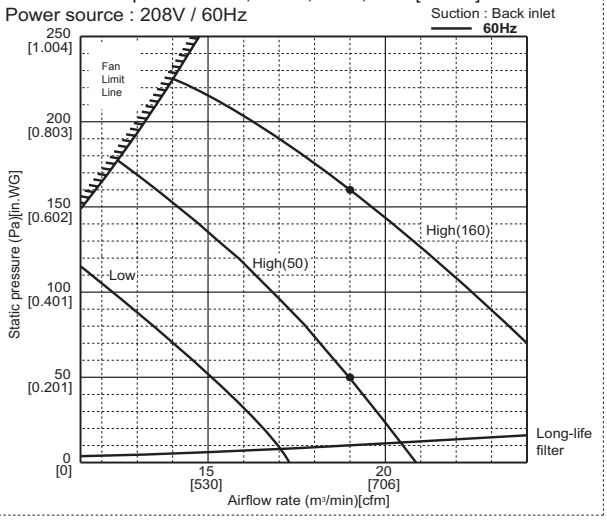
PEFY-P15,18NMHU-E
External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V / 60Hz



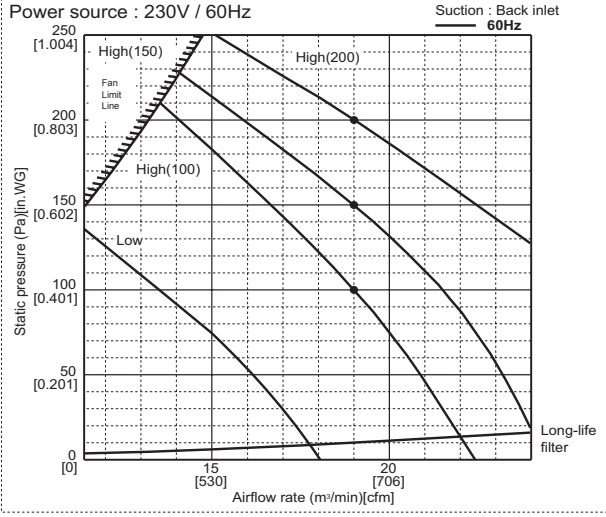
PEFY-P15,18NMHU-E
External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V / 60Hz



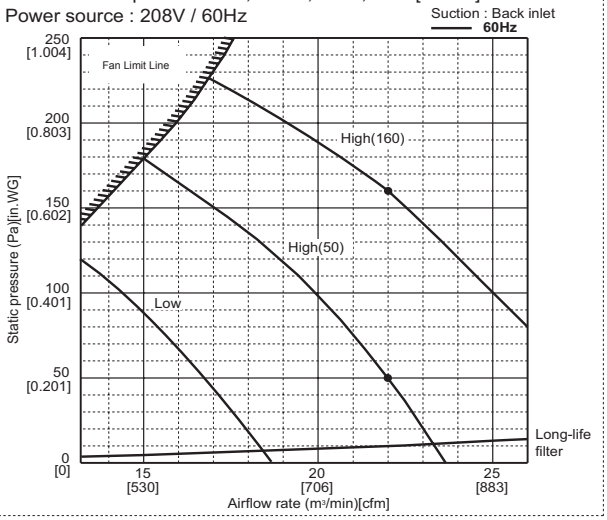
PEFY-P24NMHU-E
External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V / 60Hz



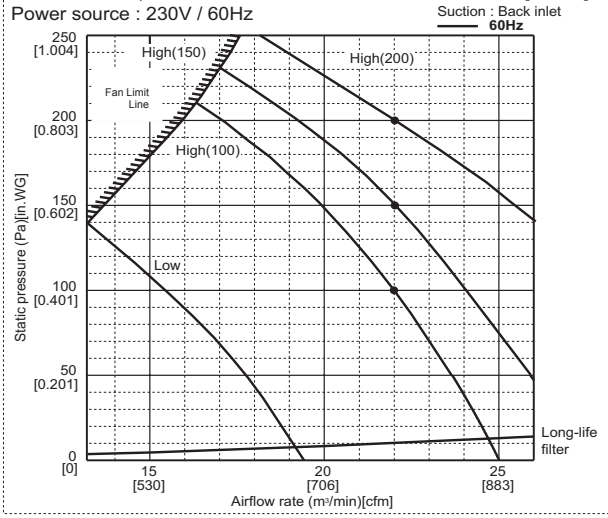
PEFY-P24NMHU-E
External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V / 60Hz



PEFY-P27NMHU-E
External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V / 60Hz



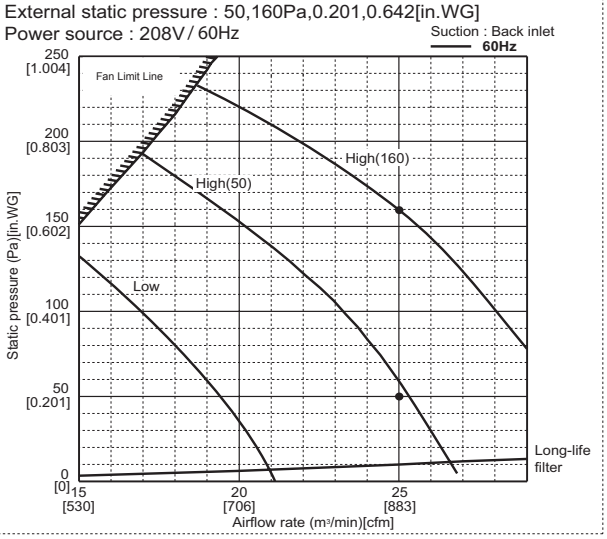
PEFY-P27NMHU-E
External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V / 60Hz



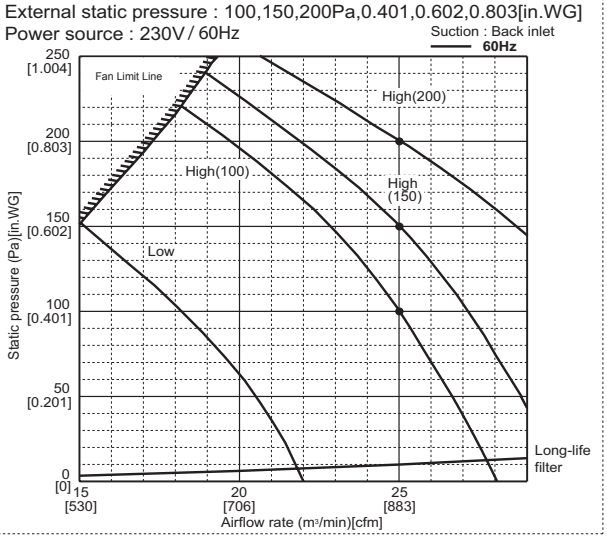
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6. FAN CHARACTERISTIC CURVES

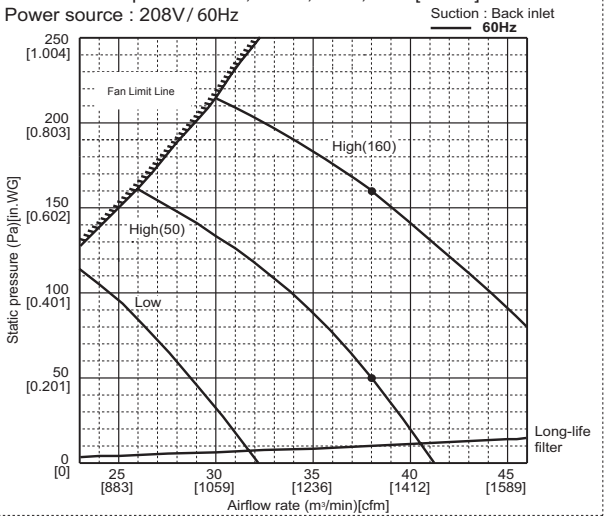
PEFY-P30NMHU-E
External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V / 60Hz



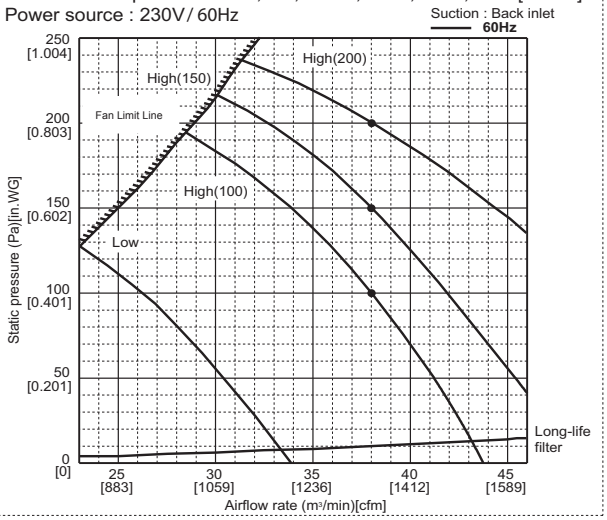
PEFY-P30NMHU-E
External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V / 60Hz



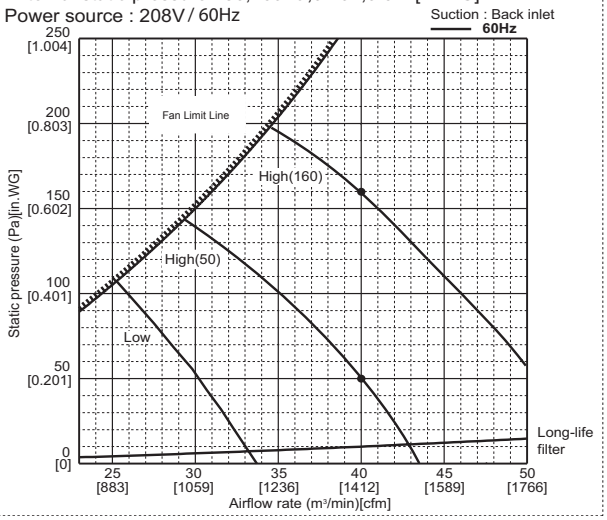
PEFY-P36,48NMHU-E
External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V / 60Hz



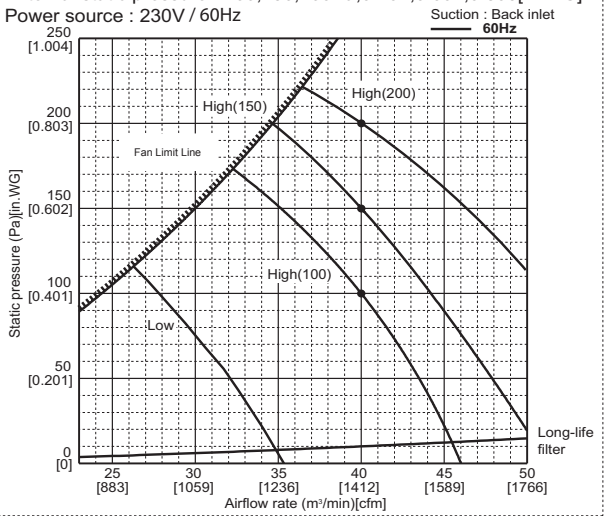
PEFY-P36,48NMHU-E
External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V / 60Hz



PEFY-P54NMHU-E
External static pressure : 50,160Pa,0.201,0.642[in.WG]
Power source : 208V / 60Hz



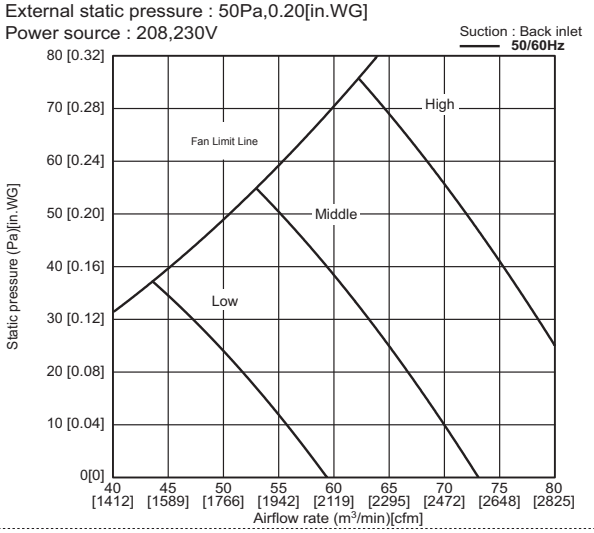
PEFY-P54NMHU-E
External static pressure : 100,150,200Pa,0.401,0.602,0.803[in.WG]
Power source : 230V / 60Hz



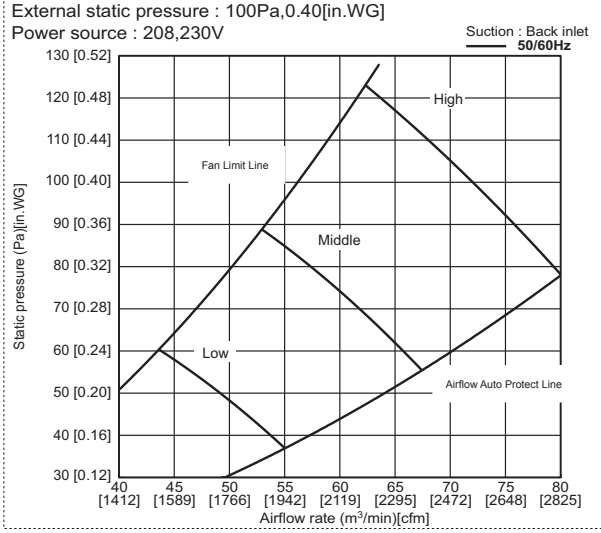
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6. FAN CHARACTERISTIC CURVES

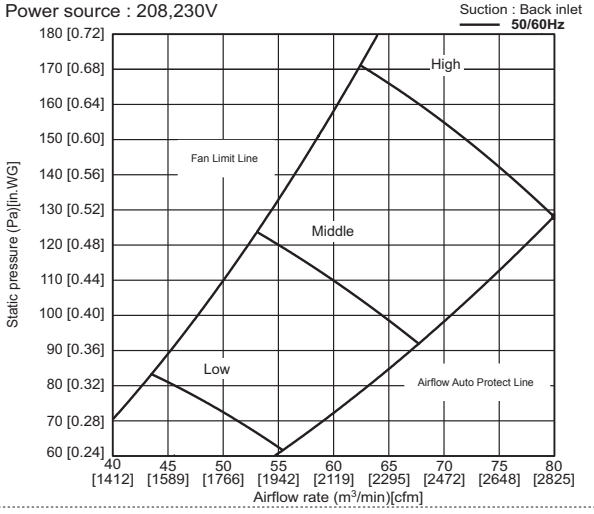
PEFY-P72NMHSU-E
External static pressure : 50Pa,0.20[in.WG]
Power source : 208,230V



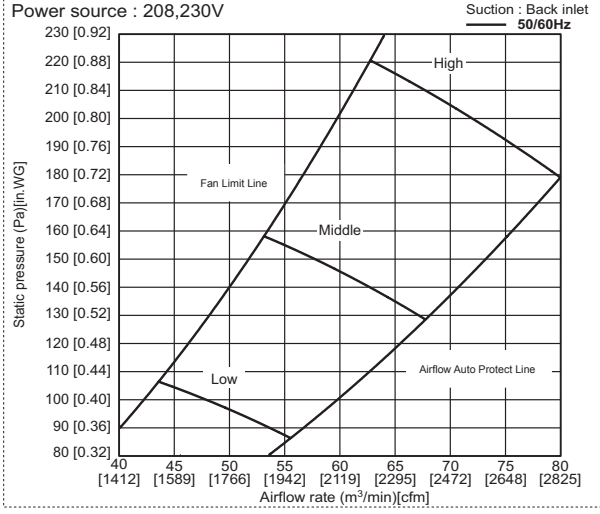
PEFY-P72NMHSU-E
External static pressure : 100Pa,0.40[in.WG]
Power source : 208,230V



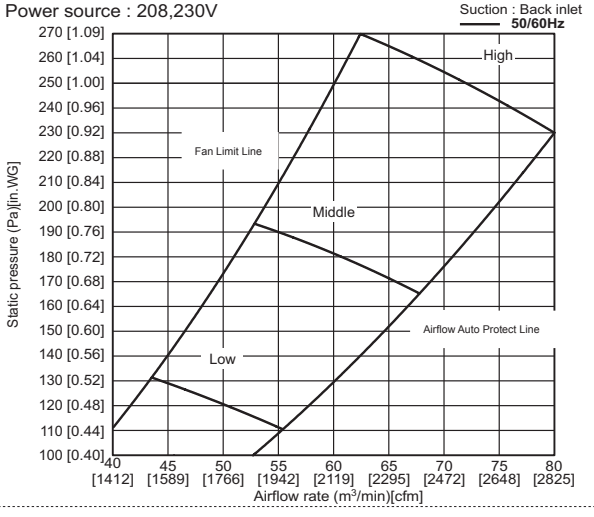
PEFY-P72NMHSU-E
External static pressure : 150Pa,0.60[in.WG]
Power source : 208,230V



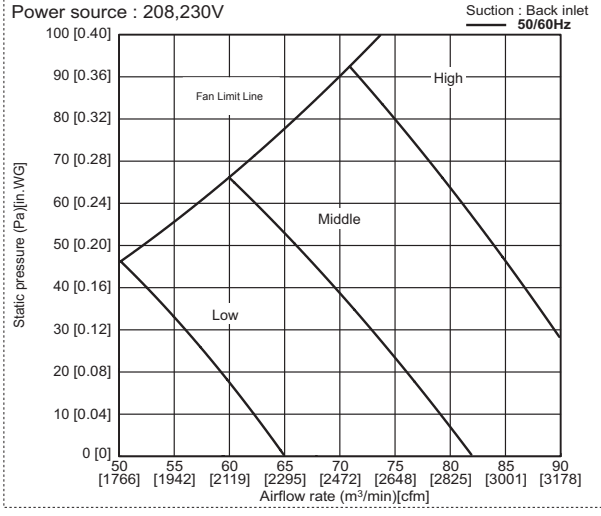
PEFY-P72NMHSU-E
External static pressure : 200Pa,0.80[in.WG]
Power source : 208,230V



PEFY-P72NMHSU-E
External static pressure : 250Pa,1.00[in.WG]
Power source : 208,230V



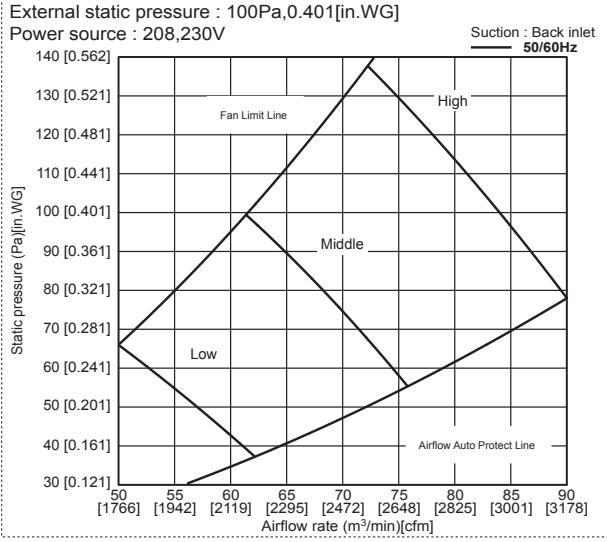
PEFY-P96NMHSU-E
External static pressure : 50Pa,0.20[in.WG]
Power source : 208,230V



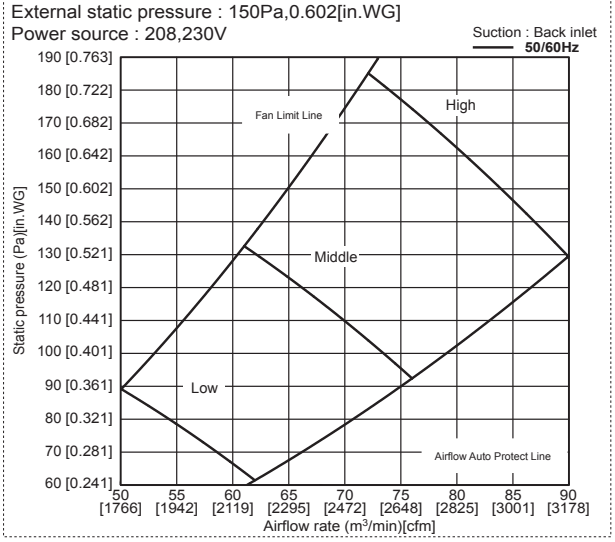
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6. FAN CHARACTERISTIC CURVES

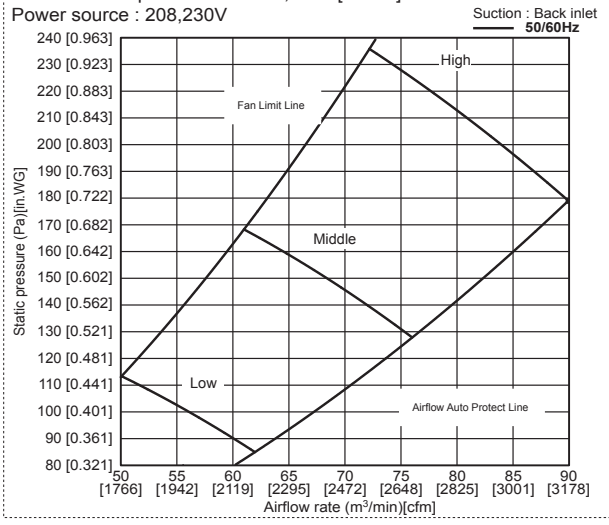
PEFY-P96NMHSU-E
External static pressure : 100Pa,0.401[in.WG]
Power source : 208,230V



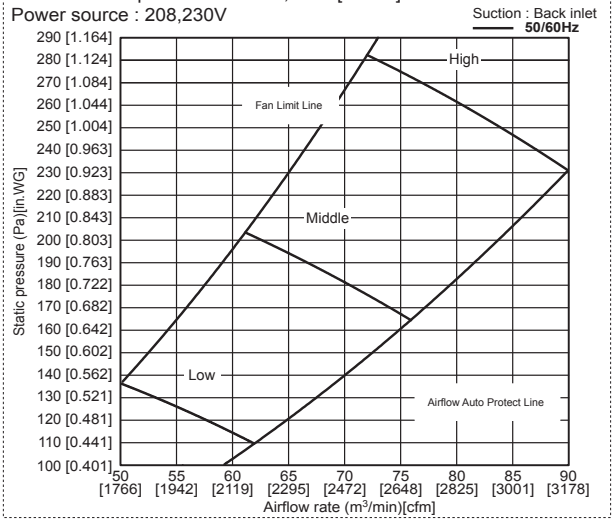
PEFY-P96NMHSU-E
External static pressure : 150Pa,0.602[in.WG]
Power source : 208,230V



PEFY-P96NMHSU-E
External static pressure : 200Pa,0.803[in.WG]
Power source : 208,230V



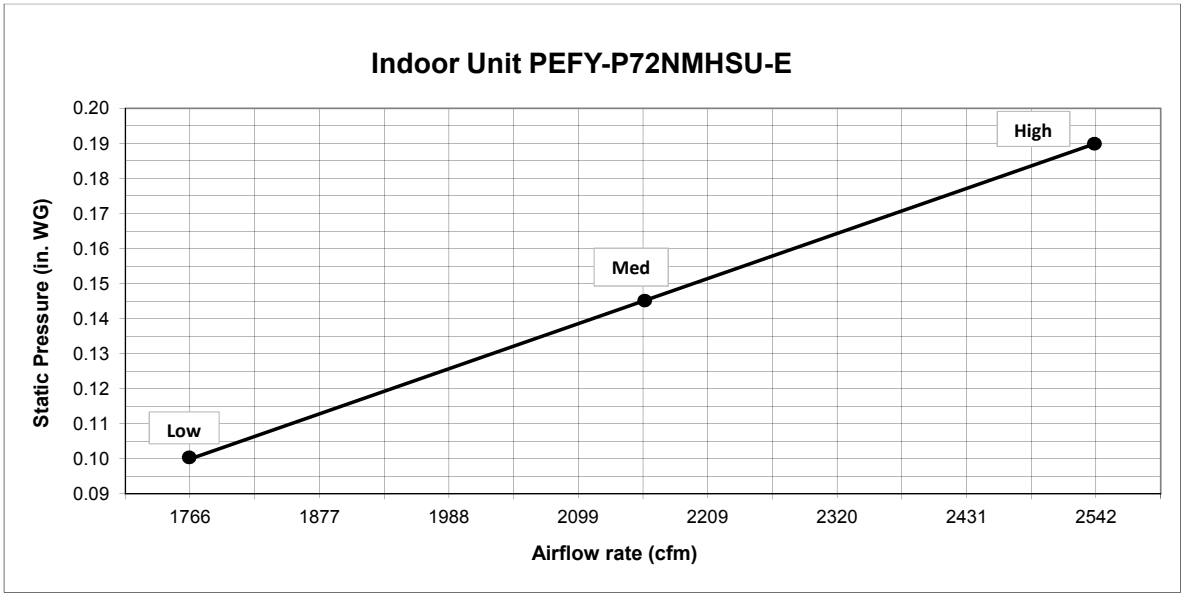
PEFY-P96NMHSU-E
External static pressure : 250Pa,1.004[in.WG]
Power source : 208,230V

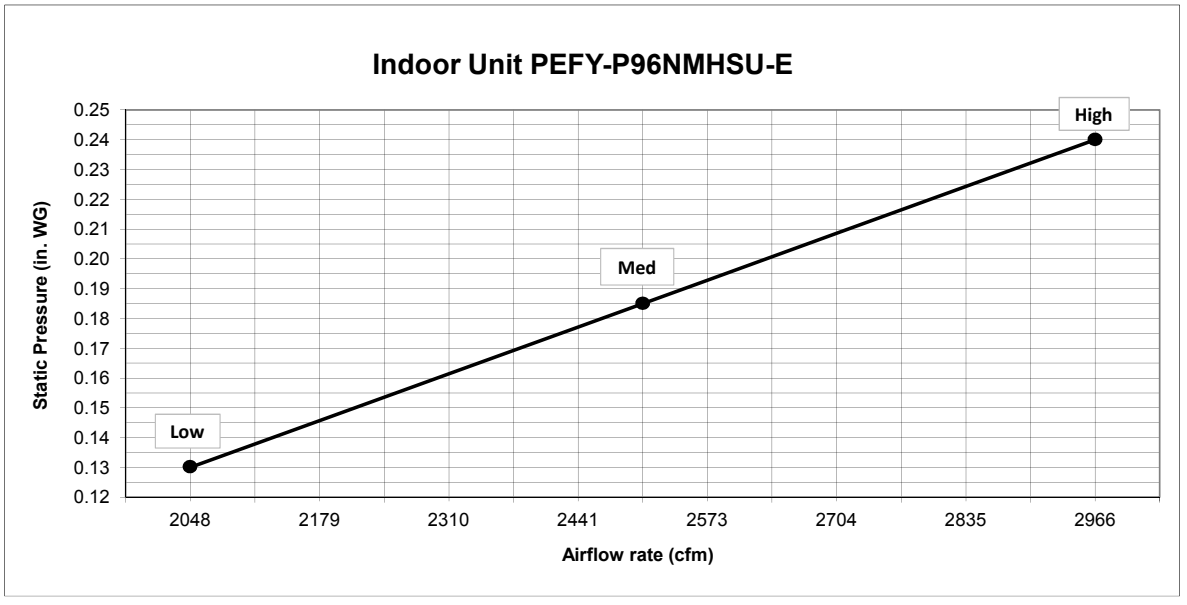


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6. FAN CHARACTERISTIC CURVES

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



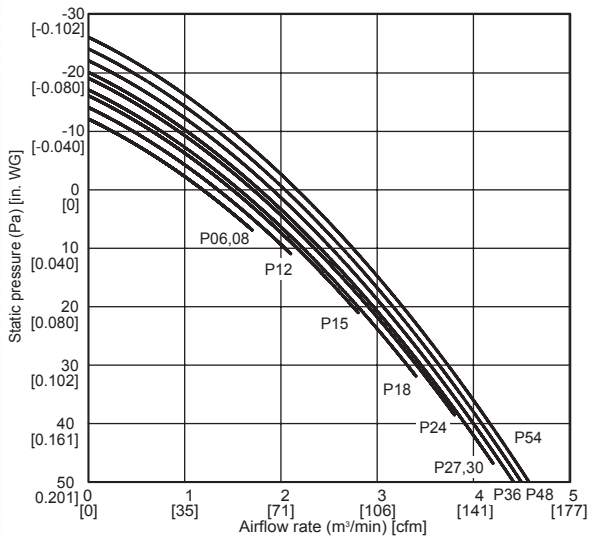


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7. VENTILATION AIR INTAKE/STATIC PRESSURE CURVES

PEFY-P06,08,12,15,18,24,27,30,36,48,54NMAU-E2

OA Intake-static pressure curves



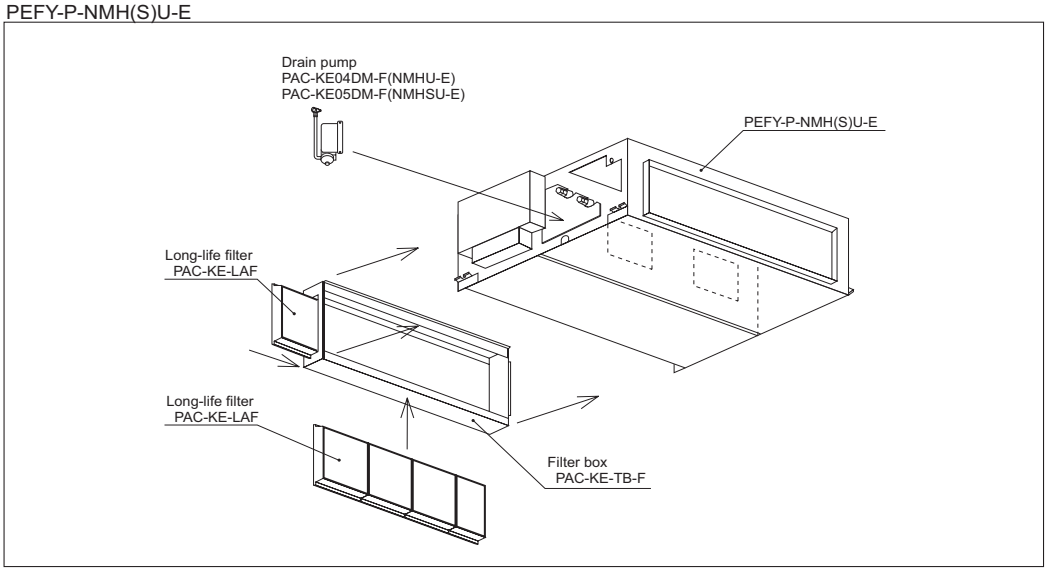
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8. OPTIONAL PARTS

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

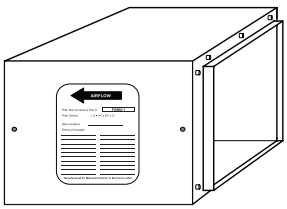
	Long-life filter	Return Plate	Filter box	Drain pump	External heater adaptor
PEFY-P06,08,12NMSU-ER2	-	BRP-1	FBL1-1	-	CN24RELAY-KIT-CM3
PEFY-P15,18NMSU-ER2	-	BRP-2	FBL1-2	-	CN24RELAY-KIT-CM3
PEFY-P24NMSU-ER2	-	BRP-3	FBL1-3	-	CN24RELAY-KIT-CM3
PEFY-P06,08,12NMAU-E2	-	-	FBM2-1	-	CN24RELAY-KIT-CM3
PEFY-P15,18NMAU-E2	-	-	FBM2-2	-	CN24RELAY-KIT-CM3
PEFY-P24,27,30NMAU-E2	-	-	FBM2-3	-	CN24RELAY-KIT-CM3
PEFY-P36,48NMAU-E2	-	-	FBM2-4	-	CN24RELAY-KIT-CM3
PEFY-P54NMAU-E2	-	-	FBM2-5	-	CN24RELAY-KIT-CM3
PEFY-P15,18,24NMHU-E	PAC-KE86LAF	-	PAC-KE63TB-F	PAC-KE04DM-F	CN24RELAY-KIT-CM3
PEFY-P27,30NMHU-E	PAC-KE88LAF	-	PAC-KE80TB-F	PAC-KE04DM-F	CN24RELAY-KIT-CM3
PEFY-P36,48,54NMHU-E	PAC-KE89LAF	-	PAC-KE140TB-F	PAC-KE04DM-F	CN24RELAY-KIT-CM3
PEFY-P72-96NMHSU-E	-	-	FBH4-4	PAC-KE05DM-F	CN24RELAY-KIT-CM3

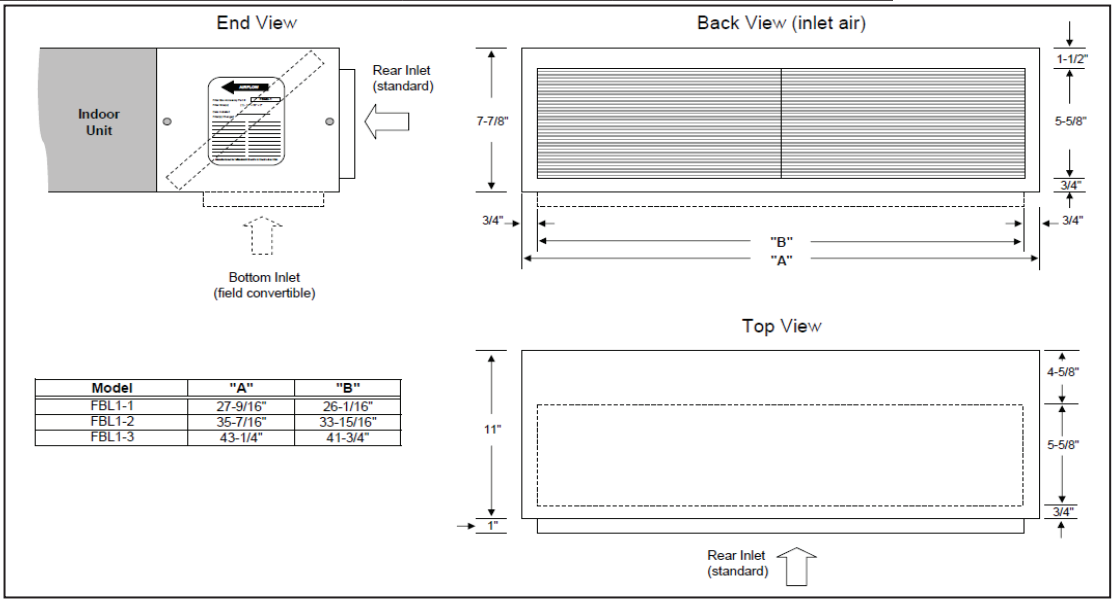
PEFY-P-NMH(S)U-E



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

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





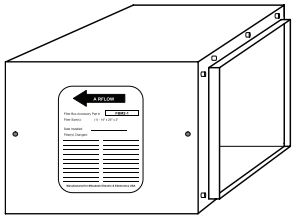
Model	"A"	"B"
FBL1-1	27-9/16"	26-1/16"
FBL1-2	35-7/16"	33-15/16"
FBL1-3	43-1/4"	41-3/4"

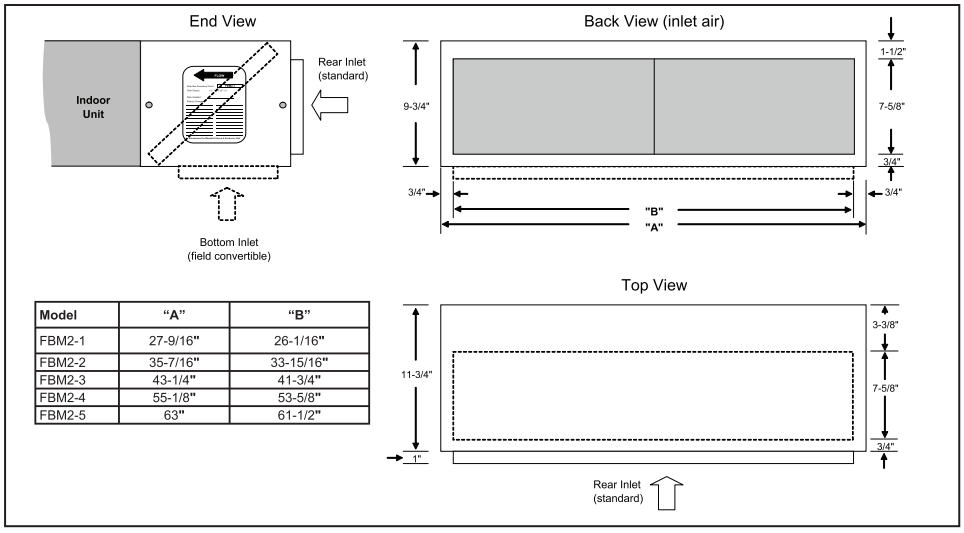
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8-3. FBM2-Series MERV 13 Filter Boxes for PEFY-P-NMAU-E2

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-E2	(1) - 14" x 25" x 2"	22	20
FBM2-2	PEFY-P15, P18-NMAU-E2	(1) - 14" x 20" x 2", (1) - 14" x 14" x 2"	28	26
FBM2-3	PEFY-P24, P27, P30-NMAU-E2	(2) - 14" x 20" x 2"	35	32
FBM2-4	PEFY-P36, P48-NMAU-E2	(2) - 14" x 20" x 2", (1) - 14" x 14" x 2"	44	41
FBM2-5	PEFY-P54-NMAU-E2	(3) - 14" x 20" x 2"	50	46



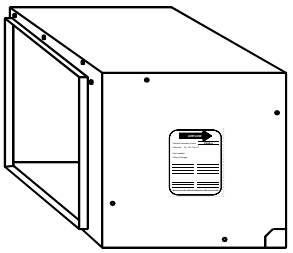


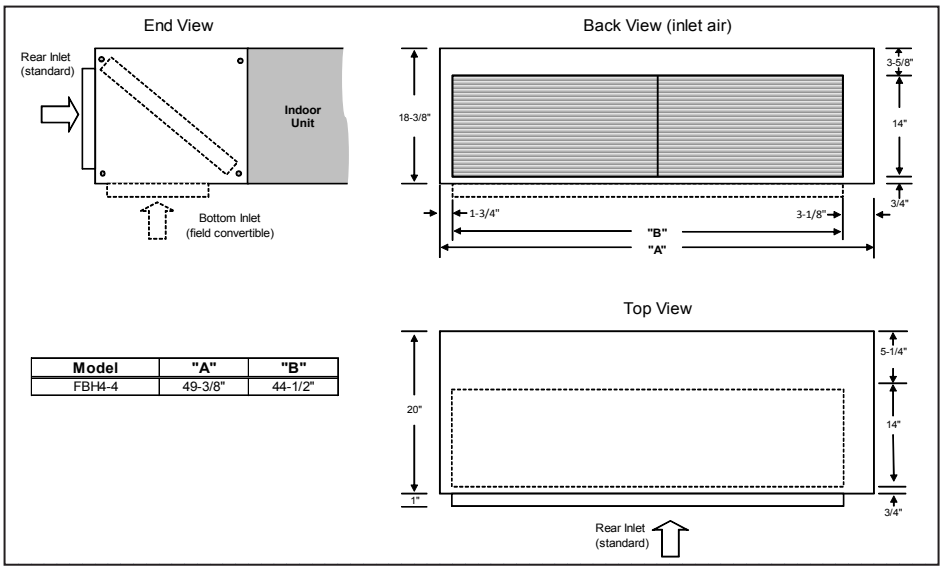
Model	"A"	"B"
FBM2-1	27-9/16"	26-1/16"
FBM2-2	35-7/16"	33-15/16"
FBM2-3	43-1/4"	41-3/4"
FBM2-4	55-1/8"	53-5/8"
FBM2-5	63"	61-1/2"

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

Meet LEED requirement of MERV 13.
Available upon liquidation of PAC-KE85LAF / PAC-KE250TB-F

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



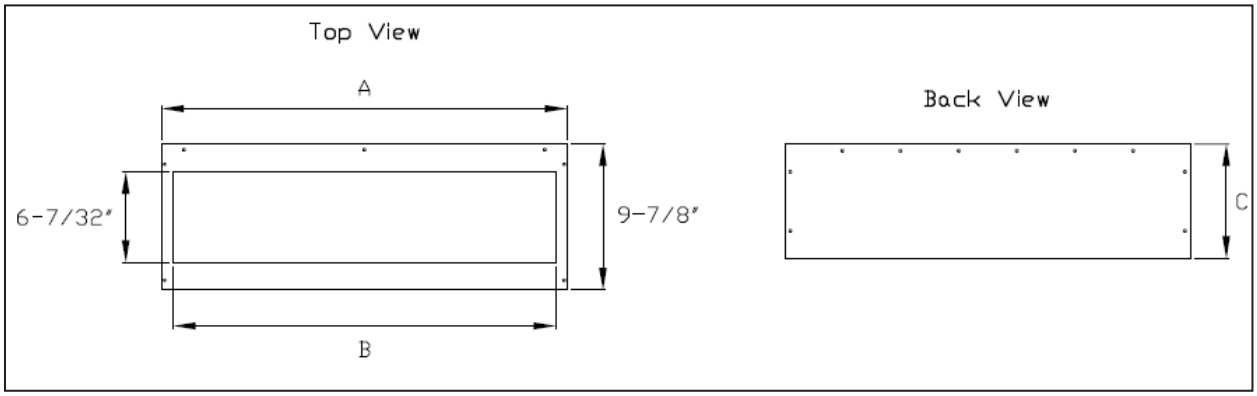


Model	"A"	"B"
FBH4-4	49-3/8"	44-1/2"

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

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

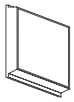
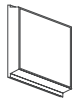
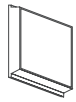
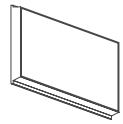


		L-shape Plate Dimensions		
Return Plate Model	Used with	A	B	C
BRP-1	PEFY-P06,P08,P12NMSU-ER2	27-9/16”	26”	7-7/8”
BRP-2	PEFY-P15, P18NMSU-ER2	35-7/16”	33-7/8”	7-7/8”
BRP-3	PEFY-P24-NMSU-ER2	43-5/16”	41-3/4”	7-7/8”

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

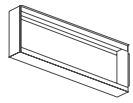
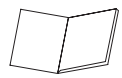
Life span: 2,500 hr
*. The actual dust situation affects the filter life span, which should be considered at the applying site.
Material: Synthetic fiber unwoven cloth filter
Static pressure loss is referred to "Fan characteristics curves".
Long-life filter should be used together with filter box PAC-KE-TB-F.

PAC-KE-LAF

Item	PAC-KE86LAF	PAC-KE88LAF	PAC-KE89LAF	PAC-KE85LAF
Quantity	2	3	3	2
Shape	(298X300) 	(298X300) 	(298X300) 	(411X600) 

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

PAC-KE-TB-F

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

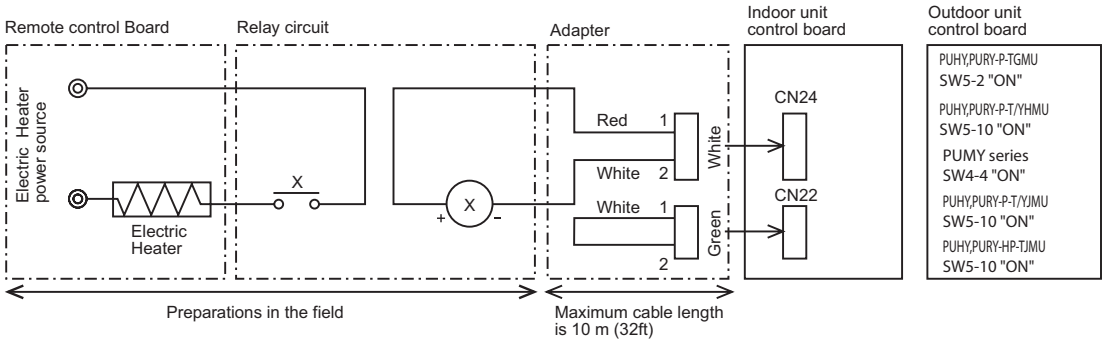
Detailed installation information should be referred to its Installation Manual (WT03018X02, WT03019X04)

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

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.)

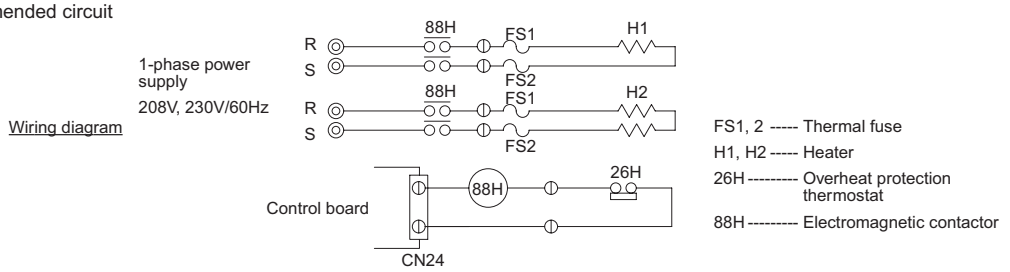


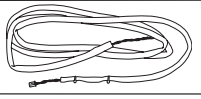
For relay X use the specifications given below Operation coil
- Rated voltage : 12VDC
- Power consumption : 0.9W or less

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 mm^2 ~ 1.25 mm^2 (16 to 22 AWG)
- Don't extend the cable more than 10 meters (32ft)

Recommended circuit

Wiring diagram



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

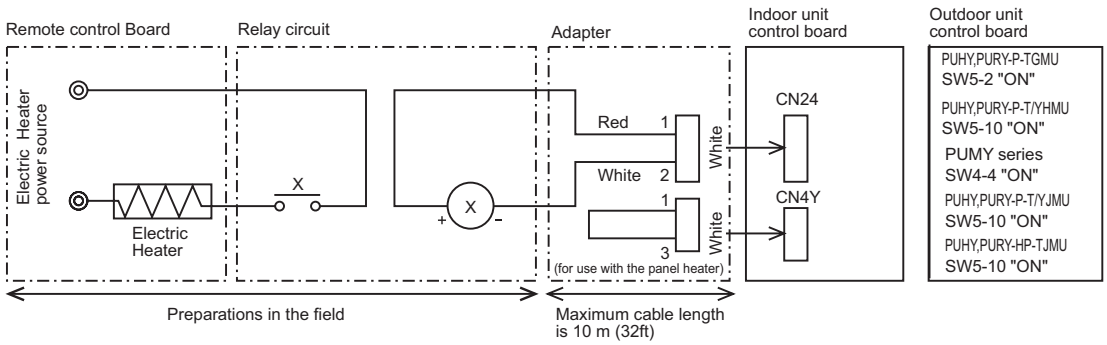
Refer to the Installation Manual for wiring and installation details.

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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.

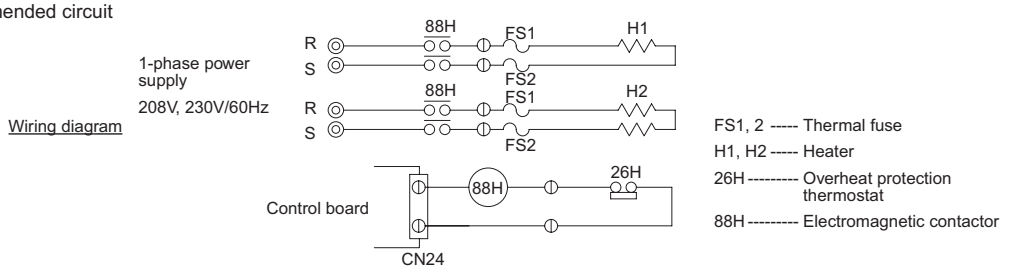
A basic connection method is shown as follows:(For details, refer to its Installation Manual.)

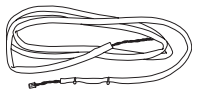
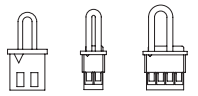


For relay X use the specifications given below Operation coil
- Rated voltage : 12VDC
- Power consumption : 0.9W or less

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 mm^2 ~ 1.25 mm^2 (16 to 22 AWG)
- Don't extend the cable more than 10 meters (32ft)

Recommended circuit



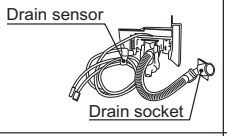
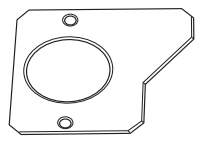
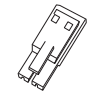
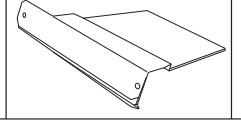
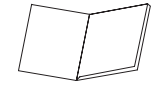
Item	① External output cable	② Connector (for use with the panel heater)	
Quantity	2	3	
Shape			

Refer to the Installation Manual for wiring and installation details.

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

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

PAC-KE04DM-F

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

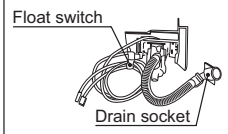
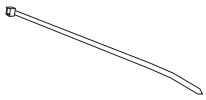
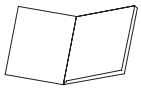
Detailed installation information should be referredto its Installation Manual (WT03312X07)

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

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

PAC-KE05DM-F

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

Detailed installation information should be referredto its Installation Manual (WT06249X01)

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