

PEFY-P-VMA(L)-E, PEFY-P-VMA3-E

1. SPECIFICATIONS	1 - 52
2. EXTERNAL DIMENSIONS	1 - 61
3. CENTER OF GRAVITY	1 - 75
4. ELECTRICAL WIRING DIAGRAMS	1 - 76
5. SOUND LEVELS	1 - 78
5-1. Sound levels	1 - 78
5-2. NC curves	1 - 79
6. FAN CHARACTERISTICS CURVES.....	1 - 91
7. OPTIONAL PARTS.....	1 - 104
7-1. Optional parts line up for the Indoor unit.....	1 - 104
7-2. Filter box	1 - 104

1. SPECIFICATIONS

DATA G11

PEFY-VMA(L), VMA3

Model			PEFY-P20VMA-E	PEFY-P25VMA-E	PEFY-P32VMA-E	PEFY-P40VMA-E	
Power source			1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	
Cooling capacity (Nominal)	*1	kW	2.2	2.8	3.6	4.5	
	*1	kcal / h	1,900	2,400	3,100	3,900	
	*1	BTU / h	7,500	9,600	12,300	15,400	
	*2	Power input	kW	0.06	0.07	0.09	
	*2	Current input	A	0.53	0.55	0.64	
Heating capacity (Nominal)	*3	kW	2.5	3.2	4.0	5.0	
	*3	kcal / h	2,200	2,800	3,400	4,300	
	*3	BTU / h	8,500	10,900	13,600	17,100	
	*2	Power input	kW	0.04	0.05	0.07	
	*2	Current input	A	0.42	0.44	0.53	
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension HxWxD		mm	250 x 700 x 732	250 x 700 x 732	250 x 700 x 732	250 x 900 x 732	
		inch	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8	
Net weight		kg(lbs)	23(51)	23(51)	23(51)	26(58)	
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.	Pa	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	
			mmH ₂ O	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	
	Motor Type		DC motor	DC motor	DC motor	DC motor	
	Motor output		kW	0.085	0.085	0.085	
	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)	
			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
			cfm	212 - 265 - 300	212 - 265 - 300	265 - 318 - 371	353 - 424 - 494
Sound pressure level (measured in anechoic room)			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
*2 *5		dB <A>	26-28-29	26-28-29	28-30-34	28-30-34	
		dB <A>	23-25-26	23-25-26	23-26-29	23-27-30	
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	Fuse	Fuse	Fuse	
Refrigerant control device			LEV	LEV	LEV	LEV	
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Diameter of refrigerant pipe	Liquid (R410A)	mm(in.)	6.35(1/4)Brazed	6.35(1/4)Brazed	6.35(1/4)Brazed	6.35(1/4)Brazed	
	Gas (R410A)	mm(in.)	12.7(1/2)Brazed	12.7(1/2)Brazed	12.7(1/2)Brazed	12.7(1/2)Brazed	
Field drain pipe size		mm(in.)	O.D.32(1-1/4)	O.D.32(1-1/4)	O.D.32(1-1/4)	O.D.32(1-1/4)	
Drawing	External		IU-KB94-R528	IU-KB94-R528	IU-KB94-R528	IU-KB94-R528	
	Wiring		IU-KB94-R069	IU-KB94-R069	IU-KB94-R069	IU-KB94-R069	
	Refrigerant cycle		-	-	-	-	
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		PAC-KE91TB-E	PAC-KE91TB-E	PAC-KE91TB-E	PAC-KE92TB-E	
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.				

Notes:	Unit converter
1.Nominal cooling conditions Indoor:27°CDB/19°CWB(81°FDB/66°FWB), Outdoor:35°CDB(95°FDB) Pipe length:7.5m(24-9/16ft.), Level difference:0m(0ft.)	kcal/h =kW x 860 BTU/h =kW x 3,412 cfm =m³/min x 35.31
2.The values are measured at the factory setting of external static pressure.	lbs =kg / 0.4536
3.Nominal heating conditions Indoor:20°CDB(68°FDB), Outdoor:7°CDB/6°CWB(45°FDB/43°FWB) Pipe length:7.5m(24-9/16ft.), Level difference:0m(0ft.)	
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.	
5.Measured in anechoic room with a 1m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit. Refer to 5-1-1 for details.	*Above specification data is subject to rounding variation.
6.Measured in anechoic room with a 2m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit. Refer to 5-1-2 for details.	

1. SPECIFICATIONS

DATA G11

PEFY-VMA(L), VMA3

Model			PEFY-P50VMA-E	PEFY-P63VMA-E	PEFY-P71VMA-E	PEFY-P80VMA-E	
Power source			1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	
Cooling capacity (Nominal)	*1	kW	5.6	7.1	8.0	9.0	
		kcal / h	4,800	6,100	6,900	7,700	
		BTU / h	19,100	24,200	27,300	30,700	
	*2	Power input	kW	0.11	0.12	0.14	0.14
	*2	Current input	A	0.74	1.01	1.15	1.15
Heating capacity (Nominal)	*3	kW	6.3	8.0	9.0	10.0	
		kcal / h	5,400	6,900	7,700	8,600	
		BTU / h	21,500	27,300	30,700	34,100	
	*2	Power input	kW	0.09	0.10	0.12	0.12
	*2	Current input	A	0.63	0.90	1.04	1.04
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension HxWxD		mm	250 x 900 x 732	250 x 1,100 x 732	250 x 1,100 x 732	250 x 1,100 x 732	
		inch	9-7/8 x 35-7/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	
Net weight		kg(lbs)	26(58)	32(71)	32(71)	32(71)	
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.	Pa	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	
			mmH ₂ O	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	
	Motor Type		DC motor	DC motor	DC motor	DC motor	
	Motor output		kW	0.085	0.121	0.121	0.121
	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)	
			m ³ / min	12.0 - 14.5 - 17.0	13.5 - 16.0 - 19.0	14.5 - 18.0 - 21.0	14.5 - 18.0 - 21.0
			L/s	200 - 242 - 283	225 - 267 - 317	242 - 300 - 350	242 - 300 - 350
			cfm	424 - 512 - 600	477 - 565 - 671	512 - 636 - 742	512 - 636 - 742
Sound pressure level (measured in anechoic room)			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
*2 *5	dB <A>	28-32-35	29-32-36	30-34-38	30-34-38		
		*2 *6	dB <A>	25-29-32	25-29-33	26-29-34	26-29-34
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	Fuse	Fuse	Fuse	
Refrigerant control device			LEV	LEV	LEV	LEV	
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Diameter of refrigerant pipe	Liquid (R410A)	mm(in.)	6.35(1/4)Braze	9.52(3/8)Braze	9.52(3/8)Braze	9.52(3/8)Braze	
	Gas (R410A)	mm(in.)	12.7(1/2)Braze	15.88(5/8)Braze	15.88(5/8)Braze	15.88(5/8)Braze	
Field drain pipe size		mm(in.)	O.D.32(1-1/4)	O.D.32(1-1/4)	O.D.32(1-1/4)	O.D.32(1-1/4)	
Drawing	External		IU-KB94-R528	IU-KB94-R528	IU-KB94-R528	IU-KB94-R528	
	Wiring		IU-KB94-R069	IU-KB94-R069	IU-KB94-R069	IU-KB94-R069	
	Refrigerant cycle		-	-	-	-	
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		PAC-KE92TB-E	PAC-KE93TB-E	PAC-KE93TB-E	PAC-KE93TB-E	
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.				

Notes:	Unit converter
1.Nominal cooling conditions Indoor:27°CDB/19°CWB(81°FDB/66°FWB), Outdoor:35°CDB(95°FDB) Pipe length:7.5m(24-9/16ft.), Level difference:0m(0ft.)	kcal/h =kW x 860 BTU/h =kW x 3,412 cfm =m³/min x 35.31 lbs =kg / 0.4536
2.The values are measured at the factory setting of external static pressure.	
3.Nominal heating conditions Indoor:20°CDB(68°FDB), Outdoor:7°CDB/6°CWB(45°FDB/43°FWB) Pipe length:7.5m(24-9/16ft.), Level difference:0m(0ft.)	
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.	
5.Measured in anechoic room with a 1m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit. Refer to 5-1-1 for details.	*Above specification data is subject to rounding variation.
6.Measured in anechoic room with a 2m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit. Refer to 5-1-2 for details.	

1. SPECIFICATIONS

DATA G11

PEFY-VMA(L), VMA3

Model			PEFY-P100VMA-E	PEFY-P125VMA-E	PEFY-P140VMA-E	
Power source			1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	
Cooling capacity (Nominal)	*1	kW	11.2	14.0	16.0	
	*1	kcal / h	9,600	12,000	13,800	
	*1	BTU / h	38,200	47,800	54,600	
	*2	Power input	0.24	0.34	0.36	
	*2	Current input	1.47	2.05	2.21	
Heating capacity (Nominal)	*3	kW	12.5	16.0	18.0	
	*3	kcal / h	10,800	13,800	15,500	
	*3	BTU / h	42,700	54,600	61,400	
	*2	Power input	0.22	0.32	0.34	
	*2	Current input	1.36	1.94	2.10	
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension HxWxD		mm	250 x 1,400 x 732	250 x 1,400 x 732	250 x 1,600 x 732	
		inch	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 63 x 28-7/8	
Net weight		kg(lbs)	42(93)	42(93)	46(102)	
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.	Pa	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>
			mmH ₂ O	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>
	Motor Type		DC motor	DC motor	DC motor	
	Motor output		kW	0.244	0.244	0.244
	Driving mechanism		Direct-driven by motor ^a	Direct-driven by motor	Direct-driven by motor	
	Air flow rate		(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
			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
			cfm	812 - 989 - 1,165	989 - 1,201 - 1,412	1,042 - 1,254 - 1,483
Sound pressure level (measured in anechoic room)			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
		*2 *5	dB <A>	32-37-41	35-40-44	36-41-45
		*2 *6	dB <A>	28-33-37	32-36-40	33-37-42
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	Fuse	Fuse	
Refrigerant control device			LEV	LEV	LEV	
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Diameter of refrigerant pipe	Liquid (R410A)	mm(in.)	9.52(3/8)Brazed	9.52(3/8)Brazed	9.52(3/8)Brazed	
	Gas (R410A)	mm(in.)	15.88(5/8)Brazed	15.88(5/8)Brazed	15.88(5/8)Brazed	
Field drain pipe size		mm(in.)	O.D.32(1-1/4)	O.D.32(1-1/4)	O.D.32(1-1/4)	
Drawing	External		IU-KB94-R528	IU-KB94-R528	IU-KB94-R528	
	Wiring		IU-KB94-R069	IU-KB94-R069	IU-KB94-R069	
	Refrigerant cycle		-	-	-	
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		PAC-KE94TB-E	PAC-KE94TB-E	PAC-KE95TB-E	
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:	Unit converter
1.Nominal cooling conditions Indoor:27°CDB/19°CWB(81°FDB/66°FWB), Outdoor:35°CDB(95°FDB) Pipe length:7.5m(24-9/16ft.), Level difference:0m(0ft.)	kcal/h =kW x 860 BTU/h =kW x 3,412 cfm =m³/min x 35.31
2.The values are measured at the factory setting of external static pressure.	lbs =kg / 0.4536
3.Nominal heating conditions Indoor:20°CDB(68°FDB), Outdoor:7°CDB/6°CWB(45°FDB/43°FWB) Pipe length:7.5m(24-9/16ft.), Level difference:0m(0ft.)	
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.	
5.Measured in anechoic room with a 1m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit. Refer to 5-1-1 for details.	*Above specification data is subject to rounding variation.
6.Measured in anechoic room with a 2m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit. Refer to 5-1-2 for details.	

1. SPECIFICATIONS

DATA G11

Model			PEFY-P20VMA3-E	PEFY-P25VMA3-E	PEFY-P32VMA3-E	PEFY-P40VMA3-E	
Power source			1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	2.2	2.8	3.6	4.5	
	*1	kcal/h	1,900	2,400	3,100	3,900	
	*1	BTU/h	7,500	9,600	12,300	15,400	
	*2	Power input	kW	0.110	0.120	0.140	
	*2	Current input	A	0.90	1.01	1.15	
Heating capacity (Nominal)	*3	kW	2.5	3.2	4.0	5.0	
	*3	kcal/h	2,200	2,800	3,400	4,300	
	*3	BTU/h	8,500	10,900	13,600	17,100	
	*2	Power input	kW	0.090	0.100	0.120	
	*2	Current input	A	0.79	0.90	1.04	
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension H x W x D		mm	250 x 900 x 732	250 x 1,100 x 732	250 x 1,100 x 732	250 x 1,100 x 732	
		in.	9-7/8 x 35-7/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	
Net weight		kg (lbs)	27 (60)	32 (71)	32 (71)	32 (71)	
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.	Pa	<35> - 50 - <70> - <100> - <125>	<35> - 50 - <70> - <100> - <125>	<35> - 50 - <70> - <100> - <125>	
			mmH ₂ O	<3.6> - 5.1 - <7.1> - <10.2> - <12.7>	<3.6> - 5.1 - <7.1> - <10.2> - <12.7>	<3.6> - 5.1 - <7.1> - <10.2> - <12.7>	
	Motor Type		DC motor	DC motor	DC motor	DC motor	
	Motor output		kW	0.085	0.121	0.121	
	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)	
			m ³ /min	12.0 - 14.5 - 17.0	13.5 - 16.0 - 19.0	13.5 - 16.0 - 19.0	14.5 - 18.0 - 21.0
			L/s	200 - 242 - 283	225 - 267 - 317	225 - 267 - 317	242 - 300 - 350
	cfm		424 - 512 - 600	477 - 565 - 671	477 - 565 - 671	512 - 636 - 742	
Sound pressure level (measured in anechoic room)			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
			*2, 5	30-35-39	29-32-36	29-32-36	30-34-38
			*2, 6	26-31-35	25-29-33	25-29-33	26-29-34
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	Fuse	Fuse	Fuse	
Refrigerant control device			LEV	LEV	LEV	LEV	
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Refrigerant piping diameter	Liquid	mm (in.)	6.35 (1/4)Brazed	6.35 (1/4)Brazed	6.35 (1/4)Brazed	6.35 (1/4)Brazed	
	Gas	mm (in.)	12.7 (1/2)Brazed	12.7 (1/2)Brazed	12.7 (1/2)Brazed	12.7 (1/2)Brazed	
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	
Drawing	External		KJ94T342	KS94C654	KS94C654	KS94C654	
	Wiring		KJ94T343	KS94C652	KS94C652	KS94C652	
	Refrigerant cycle		-	-	-	-	
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		PAC-KE92TB-E	PAC-KE93TB-E	PAC-KE93TB-E	PAC-KE93TB-E	
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	

Notes:	Unit converter	
	kcal/h	=kW x 860
	BTU/h	=kW x 3,412
	cfm	=m ³ /min x 35.31
	lbs	=kg/0.4536
1.Nominal cooling conditions Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B. (95°F.D.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) 2.The values are measured at the factory setting of external static pressure. 3.Nominal heating conditions Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) 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. 5.Measured in anechoic room with a 1 m air inlet duct and 2 m air outlet duct attached to the unit and 1.5 m below the unit. 6.Measured in anechoic room with a 2 m air inlet duct and 2 m air outlet duct attached to the unit and 1.5 m below the unit.		
*Above specification data is subject to rounding variation.		

1. SPECIFICATIONS

DATA G11

PEFY-VMA(L), VMA3

Model			PEFY-P50VMA3-E	PEFY-P63VMA3-E	PEFY-P71VMA3-E	PEFY-P80VMA3-E	
Power source			1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	5.6	7.1	8.0	9.0	
	*1	kcal/h	4,800	6,100	6,900	7,700	
	*1	BTU/h	19,100	24,200	27,300	30,700	
	*2	Power input	kW	0.360	0.360	0.360	
	*2	Current input	A	2.21	2.21	2.21	
Heating capacity (Nominal)	*3	kW	6.3	8.0	9.0	10.0	
	*3	kcal/h	5,400	6,900	7,700	8,600	
	*3	BTU/h	21,500	27,300	30,700	34,100	
	*2	Power input	kW	0.340	0.340	0.340	
	*2	Current input	A	2.10	2.10	2.10	
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension H x W x D		mm	250 x 1,600 x 732	250 x 1,600 x 732	250 x 1,600 x 732	250 x 1,600 x 732	
		in.	9-7/8 x 63 x 28-7/8	9-7/8 x 63 x 28-7/8	9-7/8 x 63 x 28-7/8	9-7/8 x 63 x 28-7/8	
Net weight		kg (lbs)	46 (102)	46 (102)	46 (102)	46 (102)	
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 2	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	
	*4	External static press.	Pa	<35> - 50 - <70> - <100> - <125>	<35> - 50 - <70> - <100> - <125>	<35> - 50 - <70> - <100> - <125>	
			mmH ₂ O	<3.6> - 5.1 - <7.1> - <10.2> - <12.7>	<3.6> - 5.1 - <7.1> - <10.2> - <12.7>	<3.6> - 5.1 - <7.1> - <10.2> - <12.7>	
	Motor Type		DC motor	DC motor	DC motor	DC motor	
	Motor output		kW	0.244	0.244	0.244	
	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)	
			m ³ /min	29.5 - 35.5 - 42.0	29.5 - 35.5 - 42.0	29.5 - 35.5 - 42.0	
			L/s	492 - 592 - 700	492 - 592 - 700	492 - 592 - 700	
		cfm	1,042 - 1,254 - 1,483	1,042 - 1,254 - 1,483	1,042 - 1,254 - 1,483		
Sound pressure level (measured in anechoic room)			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
			*2, 5	dB <A>	36-41-45	36-41-45	36-41-45
			*2, 6		33-37-42	33-37-42	33-37-42
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	Fuse	Fuse	Fuse	
Refrigerant control device			LEV	LEV	LEV	LEV	
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Refrigerant piping diameter	Liquid	mm (in.)	6.35 (1/4)Braze	9.52 (3/8)Braze	9.52 (3/8)Braze	9.52 (3/8)Braze	
	Gas	mm (in.)	12.7 (1/2)Braze	15.88 (5/8)Braze	15.88 (5/8)Braze	15.88 (5/8)Braze	
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	
Drawing	External		KS94C654	KS94C654	KS94C654	KS94C654	
	Wiring		KS94C652	KS94C652	KS94C652	KS94C652	
	Refrigerant cycle		-	-	-	-	
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		PAC-KE95TB-E	PAC-KE95TB-E	PAC-KE95TB-E	PAC-KE95TB-E	
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B. (95°F.D.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	kcal/h =kW x 860 BTU/h =kW x 3,412
2.The values are measured at the factory setting of external static pressure.	cfm =m³/min x 35.31
3.Nominal heating conditions Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	lbs =kg/0.4536
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.	
5.Measured in anechoic room with a 1 m air inlet duct and 2 m air outlet duct attached to the unit and 1.5 m below the unit.	*Above specification data is
6.Measured in anechoic room with a 2 m air inlet duct and 2 m air outlet duct attached to the unit and 1.5 m below the unit.	subject to rounding variation.

1. SPECIFICATIONS

DATA G11

Model			PEFY-P100VMA3-E	PEFY-P125VMA3-E				
Power source			1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz				
Cooling capacity (Nominal)	*1	kW	11.2	14.0				
	*1	kcal/h	9,600	12,000				
	*1	BTU/h	38,200	47,800				
	*2	Power input	kW	0.360	0.360			
	*2	Current input	A	2.21	2.21			
Heating capacity (Nominal)	*3	kW	12.5	16.0				
	*3	kcal/h	10,800	13,800				
	*3	BTU/h	42,700	54,600				
	*2	Power input	kW	0.340	0.340			
	*2	Current input	A	2.10	2.10			
External finish			Galvanized steel plate	Galvanized steel plate				
External dimension H x W x D		mm	250 x 1,600 x 732	250 x 1,600 x 732				
		in.	9-7/8 x 63 x 28-7/8	9-7/8 x 63 x 28-7/8				
Net weight		kg (lbs)	46 (102)	46 (102)				
Heat exchanger			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				
	*4	External static press.	Pa	<35> - 50 - <70> - <100> - <125>	<35> - 50 - <70> - <100> - <125>			
			mmH ₂ O	<3.6> - 5.1 - <7.1> - <10.2> - <12.7>	<3.6> - 5.1 - <7.1> - <10.2> - <12.7>			
	Motor Type		DC motor	DC motor				
	Motor output		kW	0.244	0.244			
	Driving mechanism		Direct-driven by motor	Direct-driven by motor				
	Air flow rate		(Low-Mid-High)	(Low-Mid-High)				
			m ³ /min	29.5 - 35.5 - 42.0	29.5 - 35.5 - 42.0			
			L/s	492 - 592 - 700	492 - 592 - 700			
			cfm	1,042 - 1,254 - 1,483	1,042 - 1,254 - 1,483			
Sound pressure level (measured in anechoic room)			(Low-Mid-High)	(Low-Mid-High)				
			*2, 5	dB <A>	36-41-45	36-41-45		
			*2, 6		33-37-42	33-37-42		
Insulation material			EPS, Polyethylene foam, Urethane foam	EPS, Polyethylene foam, Urethane foam				
Air filter			PP honeycomb fabric.	PP honeycomb fabric.				
Protection device			Fuse	Fuse				
Refrigerant control device			LEV	LEV				
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI				
Refrigerant piping diameter	Liquid	mm (in.)	9.52 (3/8)Braze	9.52 (3/8)Braze				
	Gas	mm (in.)	15.88 (5/8)Braze	15.88 (5/8)Braze				
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)				
Drawing	External		KS94C654	KS94C654				
	Wiring		KS94C652	KS94C652				
	Refrigerant cycle		-	-				
Standard attachment	Document		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				
Optional parts	Filter box		PAC-KE95TB-E	PAC-KE95TB-E				
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.				

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB. (95°FDB.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	kcal/h =kW x 860
2.The values are measured at the factory setting of external static pressure.	BTU/h =kW x 3,412
3.Nominal heating conditions Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	cfm =m ³ /min x 35.31
4.The factory setting of external static pressure is shown without < > . Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.	lbs =kg/0.4536
5.Measured in anechoic room with a 1 m air inlet duct and 2 m air outlet duct attached to the unit and 1.5 m below the unit.	*Above specification data is subject to rounding variation.
6.Measured in anechoic room with a 2 m air inlet duct and 2 m air outlet duct attached to the unit and 1.5 m below the unit.	

1. SPECIFICATIONS

DATA G11

PEFY-VM(A/L), VMA3

Model			PEFY-P20VMAL-E	PEFY-P25VMAL-E	PEFY-P32VMAL-E	PEFY-P40VMAL-E	
Power source			1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	
Cooling capacity (Nominal)	*1	kW	2.2	2.8	3.6	4.5	
	*1	kcal / h	1,900	2,400	3,100	3,900	
	*1	BTU / h	7,500	9,600	12,300	15,400	
	*2	Power input	kW	0.04	0.05	0.07	
	*2	Current input	A	0.42	0.44	0.53	
Heating capacity (Nominal)	*3	kW	2.5	3.2	4.0	5.0	
	*3	kcal / h	2,200	2,800	3,400	4,300	
	*3	BTU / h	8,500	10,900	13,600	17,100	
	*2	Power input	kW	0.04	0.05	0.07	
	*2	Current input	A	0.42	0.44	0.53	
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension HxWxD		mm	250 x 700 x 732	250 x 700 x 732	250 x 700 x 732	250 x 900 x 732	
		inch	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8	
Net weight		kg(lbs)	22(49)	22(49)	22(49)	25(56)	
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.	Pa	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	
			mmH ₂ O	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	
	Motor Type		DC motor	DC motor	DC motor	DC motor	
	Motor output		kW	0.085	0.085	0.085	
	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)	
			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
			cfm	212 - 265 - 300	212 - 265 - 300	265 - 318 - 371	353 - 424 - 494
Sound pressure level (measured in anechoic room)			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	
*2 *5		dB <A>	26-28-29	26-28-29	28-30-34	28-30-34	
		dB <A>	23-25-26	23-25-26	23-26-29	23-27-30	
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	Fuse	Fuse	Fuse	
Refrigerant control device			LEV	LEV	LEV	LEV	
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Diameter of refrigerant pipe	Liquid (R410A)	mm(in.)	6.35(1/4)Brazed	6.35(1/4)Brazed	6.35(1/4)Brazed	6.35(1/4)Brazed	
	Gas (R410A)	mm(in.)	12.7(1/2)Brazed	12.7(1/2)Brazed	12.7(1/2)Brazed	12.7(1/2)Brazed	
Field drain pipe size		mm(in.)	O.D.32(1-1/4)	O.D.32(1-1/4)	O.D.32(1-1/4)	O.D.32(1-1/4)	
Drawing	External		IU-KB94-R548	IU-KB94-R548	IU-KB94-R548	IU-KB94-R548	
	Wiring		IU-KB94-R069	IU-KB94-R069	IU-KB94-R069	IU-KB94-R069	
	Refrigerant cycle		-	-	-	-	
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		PAC-KE91TB-E	PAC-KE91TB-E	PAC-KE91TB-E	PAC-KE92TB-E	
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.				

Notes:	Unit converter
1.Nominal cooling conditions Indoor:27°CDB/19°CWB(81°FDB/66°F WB), Outdoor:35°CDB(95°FDB) Pipe length:7.5m(24-9/16ft.), Level difference:0m(0ft.)	kcal/h =kW x 860 BTU/h =kW x 3,412 cfm =m ³ /min x 35.31 lbs =kg / 0.4536
2.The values are measured at the factory setting of external static pressure.	
3.Nominal heating conditions Indoor:20°CDB(68°FDB), Outdoor:7°CDB/6°CWB(45°FDB/43°F WB) Pipe length:7.5m(24-9/16ft.), Level difference:0m(0ft.)	
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.	
5.Measured in anechoic room with a 1m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit. Refer to 5-1-1 for details.	*Above specification data is subject to rounding variation.
6.Measured in anechoic room with a 2m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit. Refer to 5-1-2 for details.	

1. SPECIFICATIONS

DATA G11

Model			PEFY-P50VMAL-E	PEFY-P63VMAL-E	PEFY-P71VMAL-E	PEFY-P80VMAL-E		
Power source			1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz		
Cooling capacity (Nominal)	*1	kW	5.6	7.1	8.0	9.0		
		kcal / h	4,800	6,100	6,900	7,700		
		BTU / h	19,100	24,200	27,300	30,700		
	*2	Power input	kW	0.09	0.10	0.12	0.12	
	*2	Current input	A	0.63	0.90	1.04	1.04	
Heating capacity (Nominal)	*3	kW	6.3	8.0	9.0	10.0		
		kcal / h	5,400	6,900	7,700	8,600		
		BTU / h	21,500	27,300	30,700	34,100		
	*2	Power input	kW	0.09	0.10	0.12	0.12	
*2	Current input	A	0.63	0.90	1.04	1.04		
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate		
External dimension HxWxD		mm	250 x 900 x 732	250 x 1,100 x 732	250 x 1,100 x 732	250 x 1,100 x 732		
		inch	9-7/8 x 35-7/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8		
Net weight		kg(lbs)	25(56)	31(69)	31(69)	31(69)		
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.	Pa	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>		
			mmH ₂ O	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>		
	Motor Type		DC motor	DC motor	DC motor	DC motor		
	Motor output		kW	0.085	0.121	0.121	0.121	
	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)		
			m ³ / min	12.0 - 14.5 - 17.0	13.5 - 16.0 - 19.0	14.5 - 18.0 - 21.0	14.5 - 18.0 - 21.0	
			L/s	200 - 242 - 283	225 - 267 - 317	242 - 300 - 350	242 - 300 - 350	
			cfm	424 - 512 - 600	477 - 565 - 671	512 - 636 - 742	512 - 636 - 742	
Sound pressure level (measured in anechoic room)			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)		
			*2 *5	dB <A>	28-32-35	29-32-36	30-34-38	30-34-38
			*2 *6	dB <A>	25-29-32	25-29-33	26-29-34	26-29-34
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	Fuse	Fuse	Fuse		
Refrigerant control device			LEV	LEV	LEV	LEV		
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI		
Diameter of refrigerant pipe	Liquid (R410A)	mm(in.)	6.35(1/4)Braze	9.52(3/8)Braze	9.52(3/8)Braze	9.52(3/8)Braze		
	Gas (R410A)	mm(in.)	12.7(1/2)Braze	15.88(5/8)Braze	15.88(5/8)Braze	15.88(5/8)Braze		
Field drain pipe size		mm(in.)	O.D.32(1-1/4)	O.D.32(1-1/4)	O.D.32(1-1/4)	O.D.32(1-1/4)		
Drawing	External		IU-KB94-R548	IU-KB94-R548	IU-KB94-R548	IU-KB94-R548		
	Wiring		IU-KB94-R069	IU-KB94-R069	IU-KB94-R069	IU-KB94-R069		
	Refrigerant cycle		-	-	-	-		
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		PAC-KE92TB-E	PAC-KE93TB-E	PAC-KE93TB-E	PAC-KE93TB-E		
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.					

Notes:	Unit converter
1.Nominal cooling conditions Indoor:27°CDB/19°CWB(81°FDB/66°FWB), Outdoor:35°CDB(95°FDB) Pipe length:7.5m(24-9/16ft.), Level difference:0m(0ft.)	kcal/h =kW x 860 BTU/h =kW x 3,412 cfm =m³/min x 35.31
2.The values are measured at the factory setting of external static pressure.	lbs =kg / 0.4536
3.Nominal heating conditions Indoor:20°CDB(68°FDB), Outdoor:7°CDB/6°CWB(45°FDB/43°FWB) Pipe length:7.5m(24-9/16ft.), Level difference:0m(0ft.)	
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.	
5.Measured in anechoic room with a 1m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit. Refer to 5-1-1 for details.	*Above specification data is subject to rounding variation.
6.Measured in anechoic room with a 2m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit. Refer to 5-1-2 for details.	

1. SPECIFICATIONS

DATA G11

PEFY-VM(A)(L), VMA3

Model			PEFY-P100VMAL-E	PEFY-P125VMAL-E	PEFY-P140VMAL-E		
Power source			1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz	1-phase 220-230-240V 50/60Hz		
Cooling capacity (Nominal)	*1	kW	11.2	14.0	16.0		
	*1	kcal / h	9,600	12,000	13,800		
	*1	BTU / h	38,200	47,800	54,600		
	*2	Power input	kW	0.22	0.32	0.34	
	*2	Current input	A	1.36	1.94	2.10	
Heating capacity (Nominal)	*3	kW	12.5	16.0	18.0		
	*3	kcal / h	10,800	13,800	15,500		
	*3	BTU / h	42,700	54,600	61,400		
	*2	Power input	kW	0.22	0.32	0.34	
	*2	Current input	A	1.36	1.94	2.10	
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate		
External dimension HxWxD		mm	250 x 1,400 x 732	250 x 1,400 x 732	250 x 1,600 x 732		
		inch	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 63 x 28-7/8		
Net weight		kg(lbs)	41(91)	41(91)	45(100)		
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.	Pa	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	<35> - 50 - <70> - <100> - <150>	
			mmH ₂ O	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	<3.6> - 5.1 - <7.1> - <10.2> - <15.3>	
	Motor Type		DC motor	DC motor	DC motor		
	Motor output		kW	0.244	0.244	0.244	
	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)		
			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	
			cfm	812 - 989 - 1,165	989 - 1,201 - 1,412	1,042 - 1,254 - 1,483	
Sound pressure level (measured in anechoic room)			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)		
		*2 *5	dB <A>	32-37-41	35-40-44	36-41-45	
		*2 *6	dB <A>	28-33-37	32-36-40	33-37-42	
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	Fuse	Fuse		
Refrigerant control device			LEV	LEV	LEV		
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI		
Diameter of refrigerant pipe	Liquid (R410A)	mm(in.)	9.52(3/8)Brazed	9.52(3/8)Brazed	9.52(3/8)Brazed		
	Gas (R410A)	mm(in.)	15.88(5/8)Brazed	15.88(5/8)Brazed	15.88(5/8)Brazed		
Field drain pipe size		mm(in.)	O.D.32(1-1/4)	O.D.32(1-1/4)	O.D.32(1-1/4)		
Drawing	External		IU-KB94-R548	IU-KB94-R548	IU-KB94-R548		
	Wiring		IU-KB94-R069	IU-KB94-R069	IU-KB94-R069		
	Refrigerant cycle		-	-	-		
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		PAC-KE94TB-E	PAC-KE94TB-E	PAC-KE95TB-E		
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.				

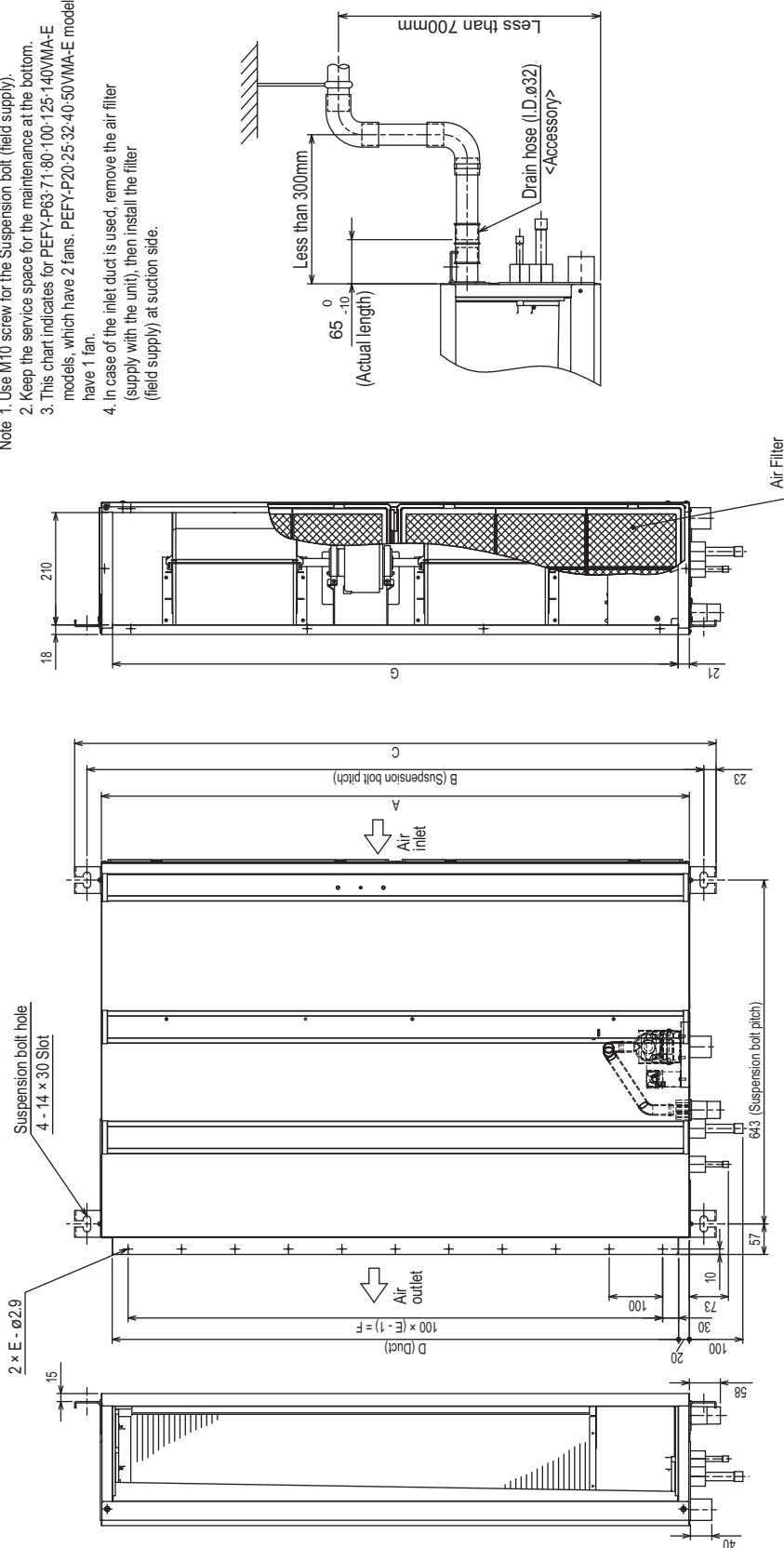
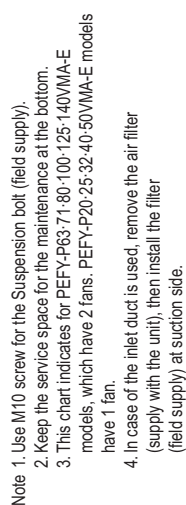
Notes:	Unit converter
1.Nominal cooling conditions Indoor:27°CDB/19°CWB(81°FDB/66°F WB), Outdoor:35°CDB(95°FDB) Pipe length:7.5m(24-9/16ft.), Level difference:0m(0ft.)	kcal/h =kW x 860 BTU/h =kW x 3,412 cfm =m³/min x 35.31 lbs =kg / 0.4536
2.The values are measured at the factory setting of external static pressure.	
3.Nominal heating conditions Indoor:20°CDB(68°FDB), Outdoor:7°CDB/6°CWB(45°FDB/43°F WB) Pipe length:7.5m(24-9/16ft.), Level difference:0m(0ft.)	
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.	
5.Measured in anechoic room with a 1m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit. Refer to 5-1-1 for details.	*Above specification data is subject to rounding variation.
6.Measured in anechoic room with a 2m air inlet duct and 2m air outlet duct attached to the unit and 1.5m below the unit. Refer to 5-1-2 for details.	

2. EXTERNAL DIMENSIONS

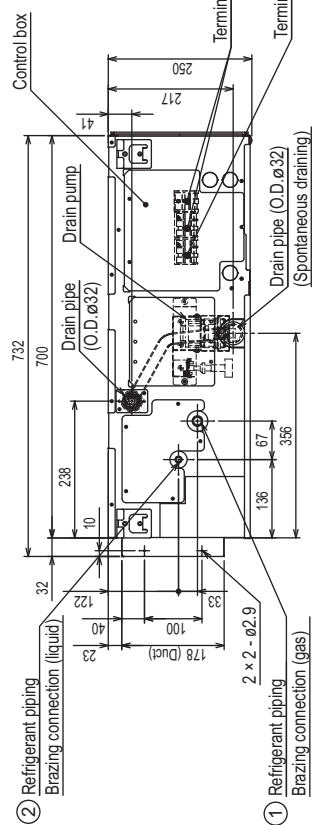
DATA G11

PEFY-P20, 25, 32, 40, 50, 63, 71, 80, 100, 125, 140VMA-E

Unit: mm

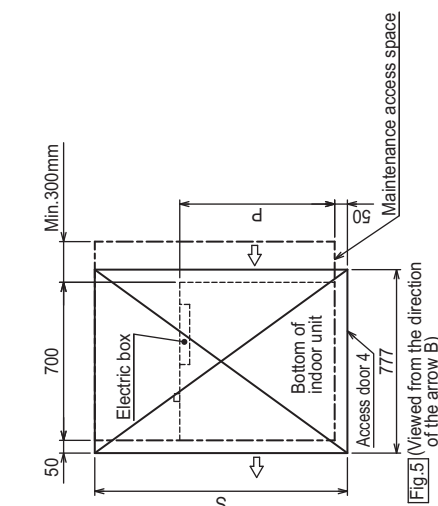
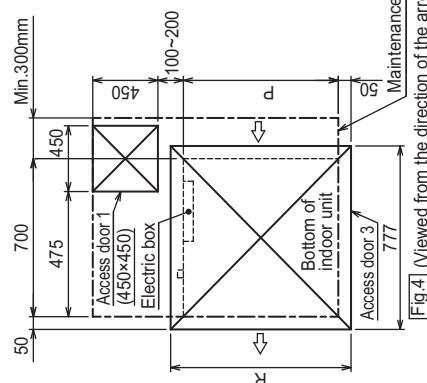
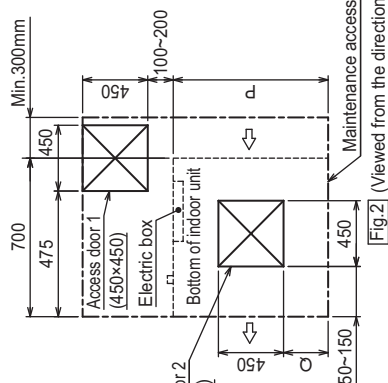
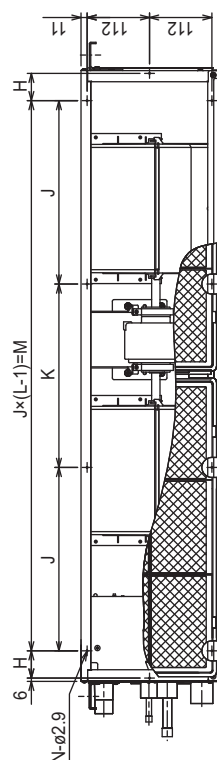


Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEFY-P20 25 32VMA-E	700	754	800	860	7	600	658	ø12.7	ø6 35
PEFY-P40 40VMA-E	900	954	1000	860	9	800	858		
PEFY-P63 71 80VMA-E	1100	1154	1200	1060	11	1000	1058		
PEFY-P100 125VMA-E	1400	1454	1500	1360	14	1300	1358	ø15.88	ø9 52
PEFY-P140 160VMA-E	1600	1654	1700	1560	16	1500	1558		
PEFY-P140 160VMA-E	1600	1654	1700	1560	16	1500	1558		

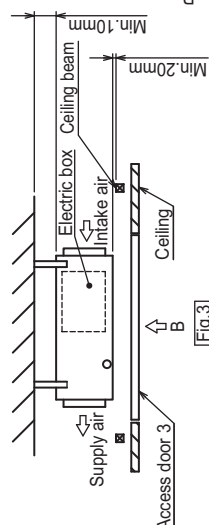
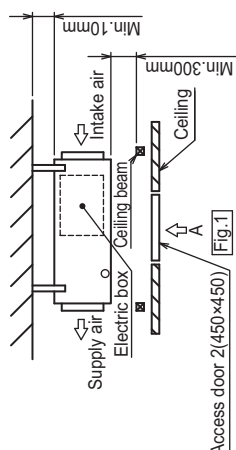


Unit: mm

PEFY-VMA(L), VMA3



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

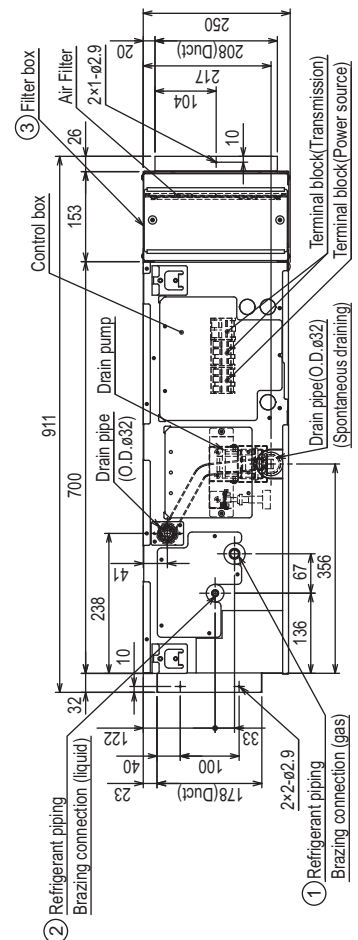


Model	H	J	K	L	M	N	P	Q	R	S
PEFY-P20.25.32VMA-E	44	150	300			10	700	50-150	800	1300
PEFY-P40.50VMA-E	54	260		4	780	10	900	150-250	1000	1500
PEFY-P63.71.80VMA-E	49	330			4	990	10	1100	250-350	1200
PEFY-P100.125VMA-E	54	320			5	1280	12	1400	400-500	1500
PEFY-P140VMA-E	64	270			5	1490	12	1600	500-600	1700
PEFY-P160VMA-E	64	270			5	1490	12	1600	500-600	1700

DATA G11

Unit: mm

<Suction filter box built-in specification>



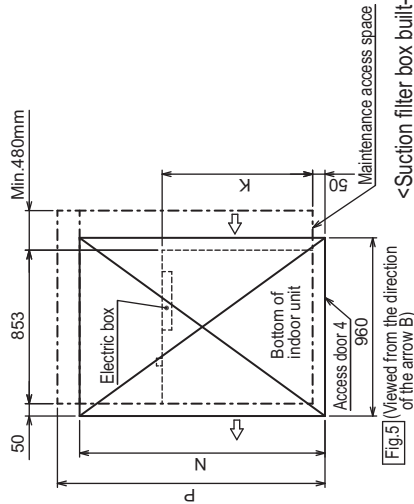
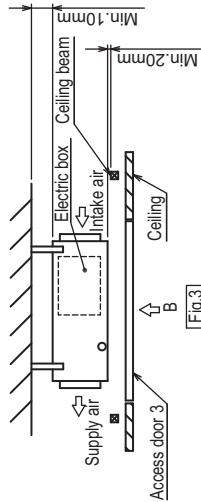
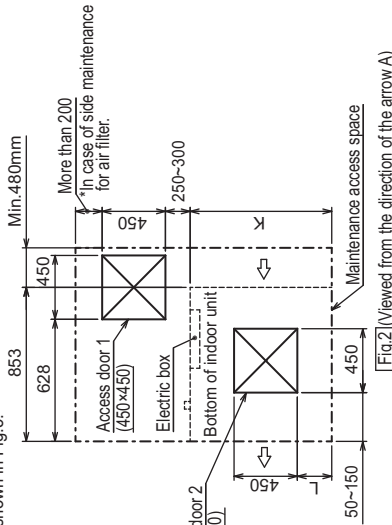
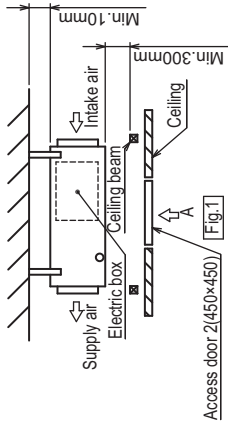
PEFY-P20, 25, 32, 40, 50, 63, 71, 80, 100, 125, 140VMA-E with filter box

Unit: mm

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

(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)

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



*Dimension 'P' is in case of side maintenance for air filter.

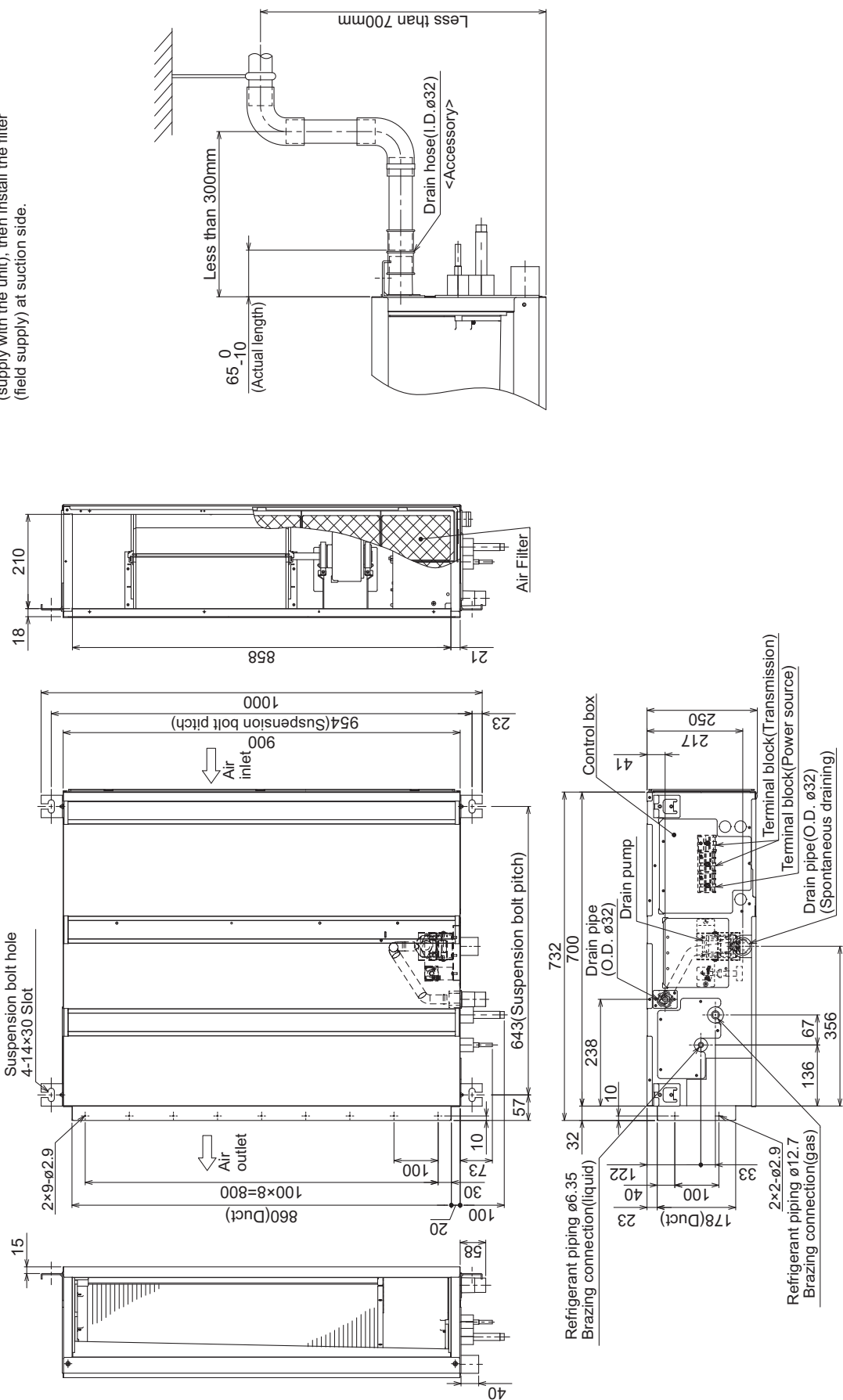
Model	K	L	M	N	P*
PEFY-P20,25,32VMA-E	700	50~150	800	1300	1450
PEFY-P40,50VMA-E	900	150~250	1000	1500	1850
PEFY-P63,71,80VMA-E	1100	250~350	1200	1700	
PEFY-P100,125VMA-E	1400	400~500	1500	2000	2150
PEFY-P140VMA-E	1600	500~600	1700	2200	2550

<Suction filter box built-in specification>

PEFY-P20VMA3-E

Unit: mm

1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. 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.



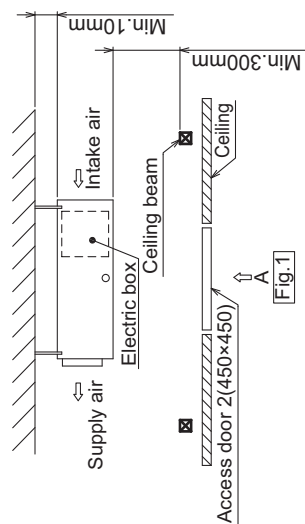
PEFY-P20VMA3-E

Unit: mm

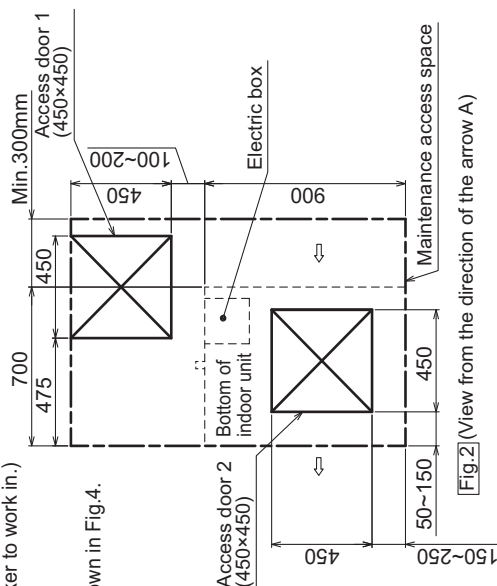
[Maintenance access space]
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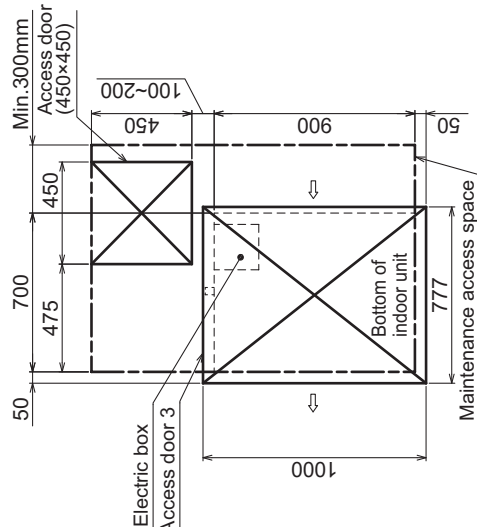
- Create access door 1 and 2 (450x450mm each) as shown in Fig.2.
 - (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)
- (2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
(At least 20mm of space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



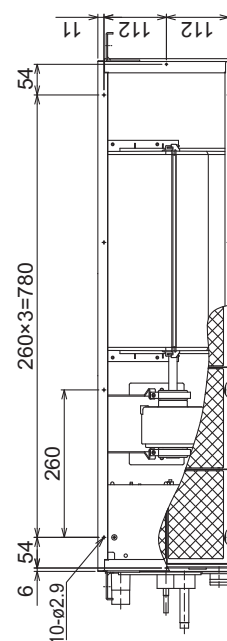
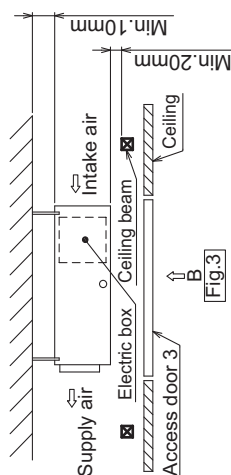
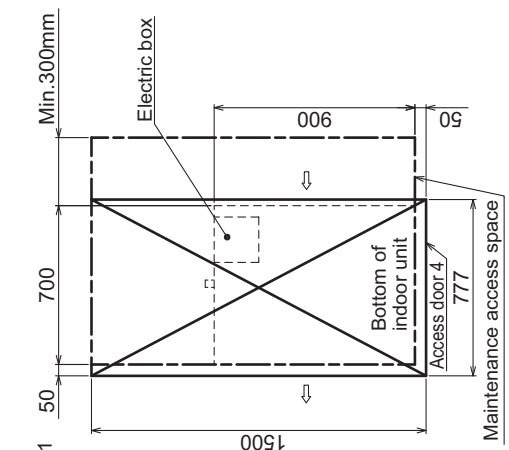
[Fig.2] (View from the direction of the arrow A)



[Fig.4] (View from the direction of the arrow B)



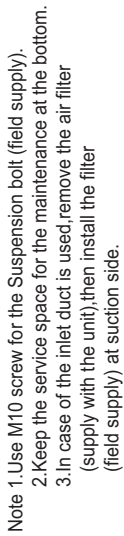
[Fig.5] (View from the direction of the arrow B)



PEFY-VMA(L), VMA3

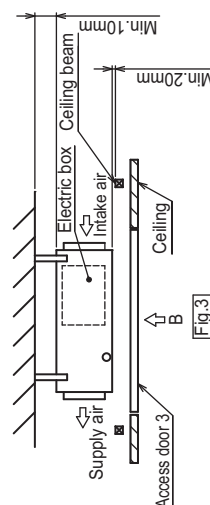
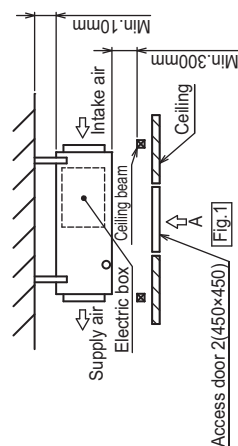
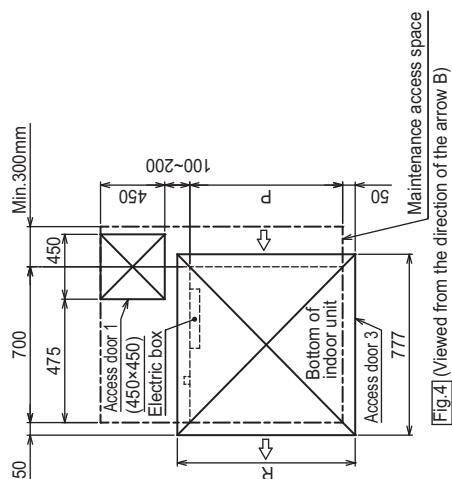
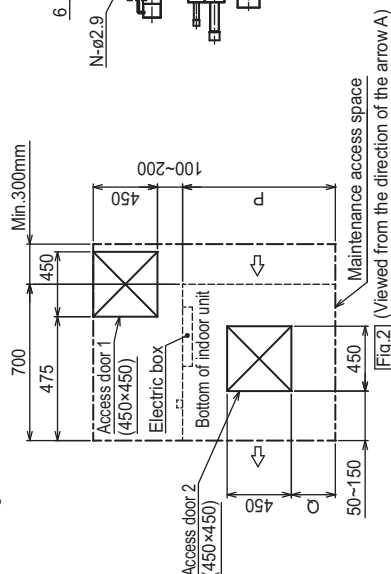
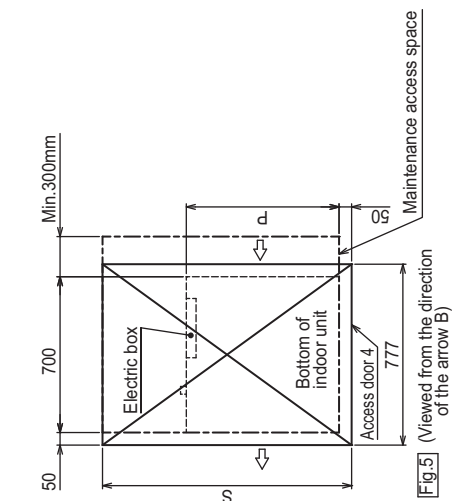
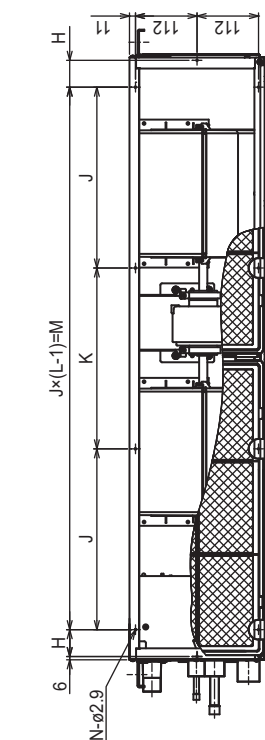
1 - 67

Unit: mm



PEFY-P25, 32, 40, 50, 63, 71, 80, 100, 125VMA3-E

Unit: mm



- [Maintenance access space]
- Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and electric box in one of the following ways.
- Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.
- (1) When a space of 300mm or more is available below the unit between the unit and the ceiling, (Fig.1)
Create access door 1 and 2 (450x450mm each) as shown in Fig.2.
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- (2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
(At least 20mm of space should be left below the unit as shown in Fig.3)
Create access door 1 diagonally below the electric box and access door 3 below the unit as shown in Fig.4.
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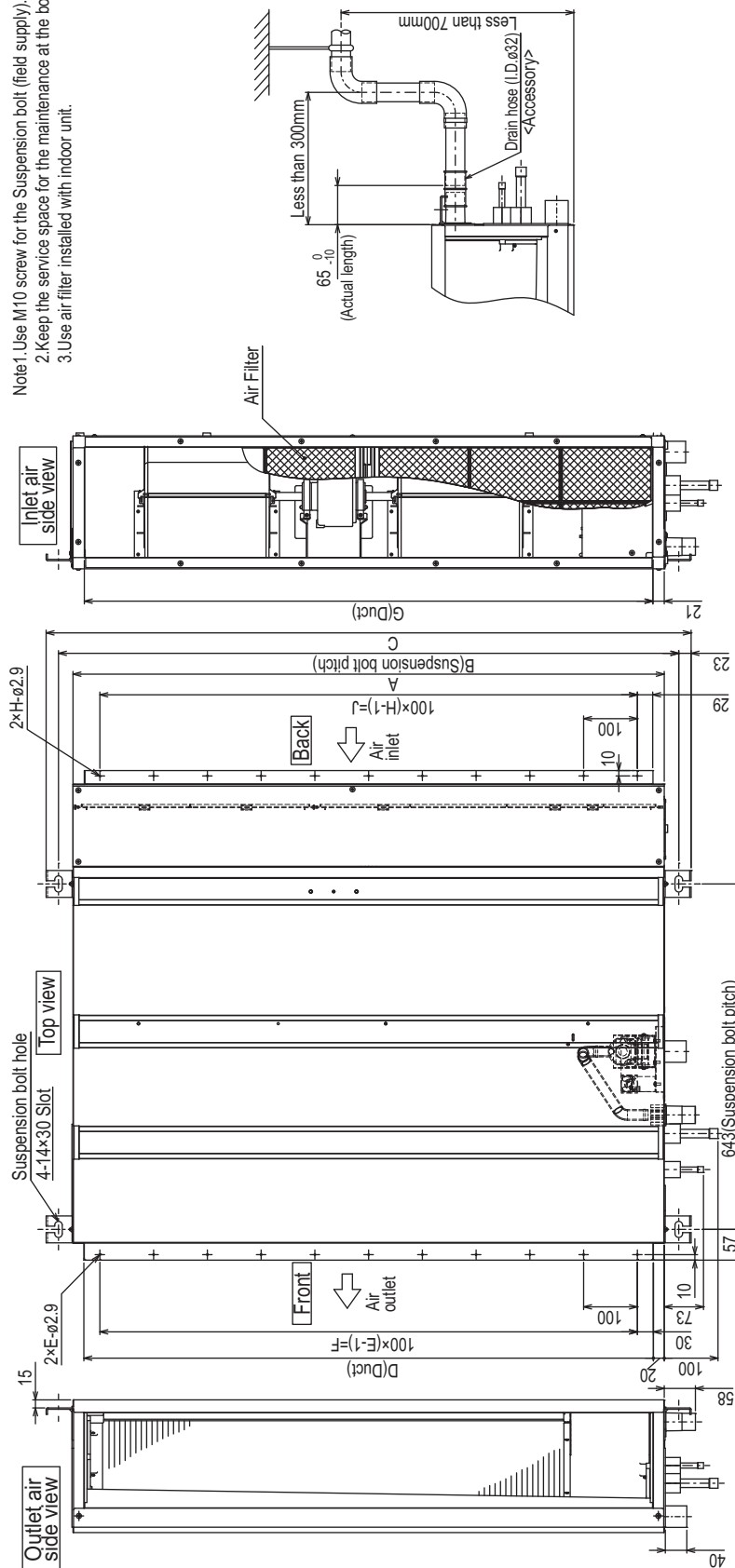
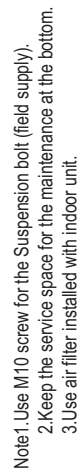
Model	H	J	K	L	M	N	P	Q	R	S
PEEY-P25.32,40VMA2-E	49	330	—	4	990	10	1100	250–350	1200	1700
PEEY-P50.63.71.80.100.125VMA3-E	54	370	—	5	1480	12	1600	500–600	1700	2200

2. EXTERNAL DIMENSIONS

DATA G11

PEFY-P25, 32, 40, 50, 63, 71, 80, 100, 125VMA3-E with filter box

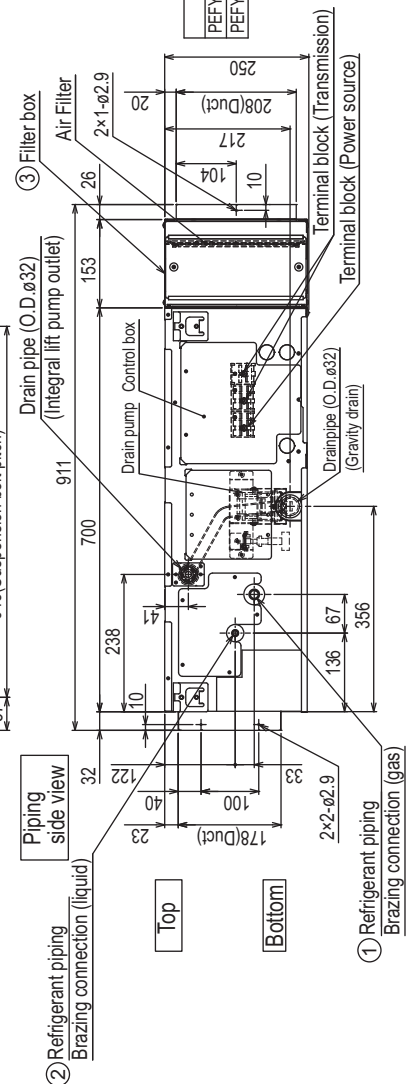
Unit: mm



Model	① Gas pipe	② Liquid pipe	③ Filter box
PEFY-P25.32.40.VMA3-E	ø 12.7	ø6.35	PAC-KE93TB-E
PEFY-P50VMA3-E			PAC-KE95TB-E
PEFY-P63.73.80.100.125.VMA3-E	ø 15.88	ø9.52	PAC-KE95TB-E

Model	A	B	C	D	E	F	G	H	J
PEFY-P25.32.40VMA3-E	1100	1154	1200	1060	11	1000	1058	11	1000
PEFY-P50.63.71.80.100.125VMA3-E	1600	1654	1700	1560	16	1500	1558	16	1500

<Suction filter box built-in specification>



PEFY-P25, 32, 40, 50, 63, 71, 80, 100, 125VMA3-E with filter box

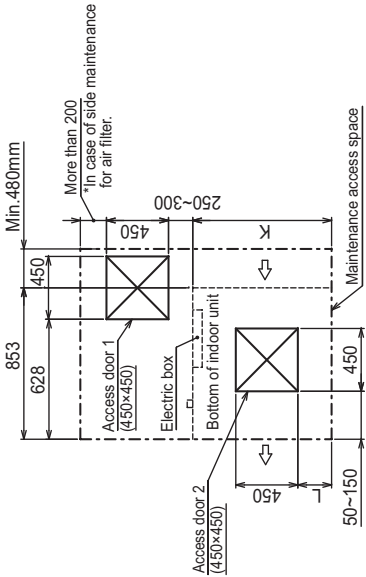
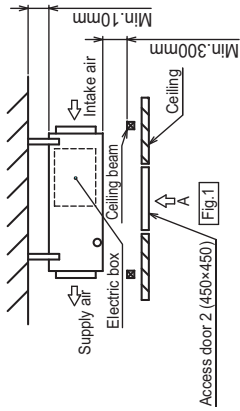
Unit: mm

[Maintenance access space]

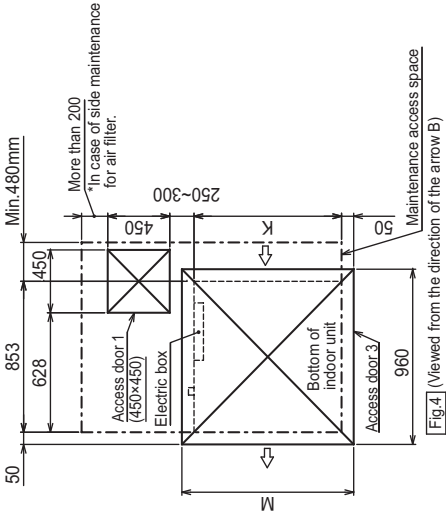
Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and electric box in one of the following ways.

Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

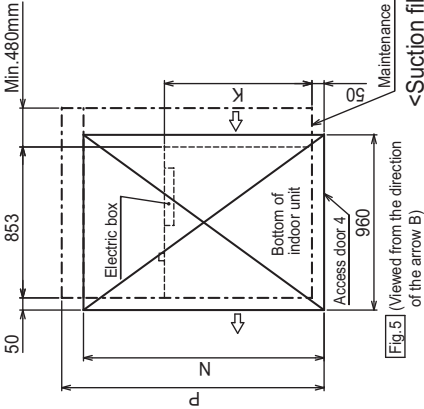
- (1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig. 1)
 - Create access door 1 and 2 (450×450mm each) as shown in Fig. 2.
 - (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)
- (2) When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



[Fig. 2] (Viewed from the direction of the arrow A)

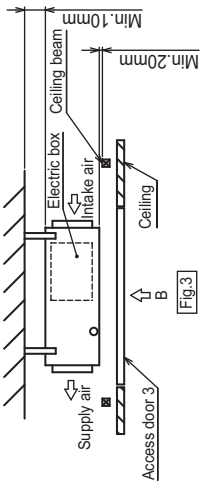


[Fig. 4] (Viewed from the direction of the arrow B)



[Fig. 5] (Viewed from the direction of the arrow B)

<Suction filter box built-in specification>



Dimension P is in case of side maintenance for air filter.

Model	K	L	M	N	P*
PEFY-P25,32,40/VMA3-E	1100	250-350	1200	1700	2550
PEFY-P50,63,71,80,100,125/VMA3-E	1600	500-600	1700	2200	2550

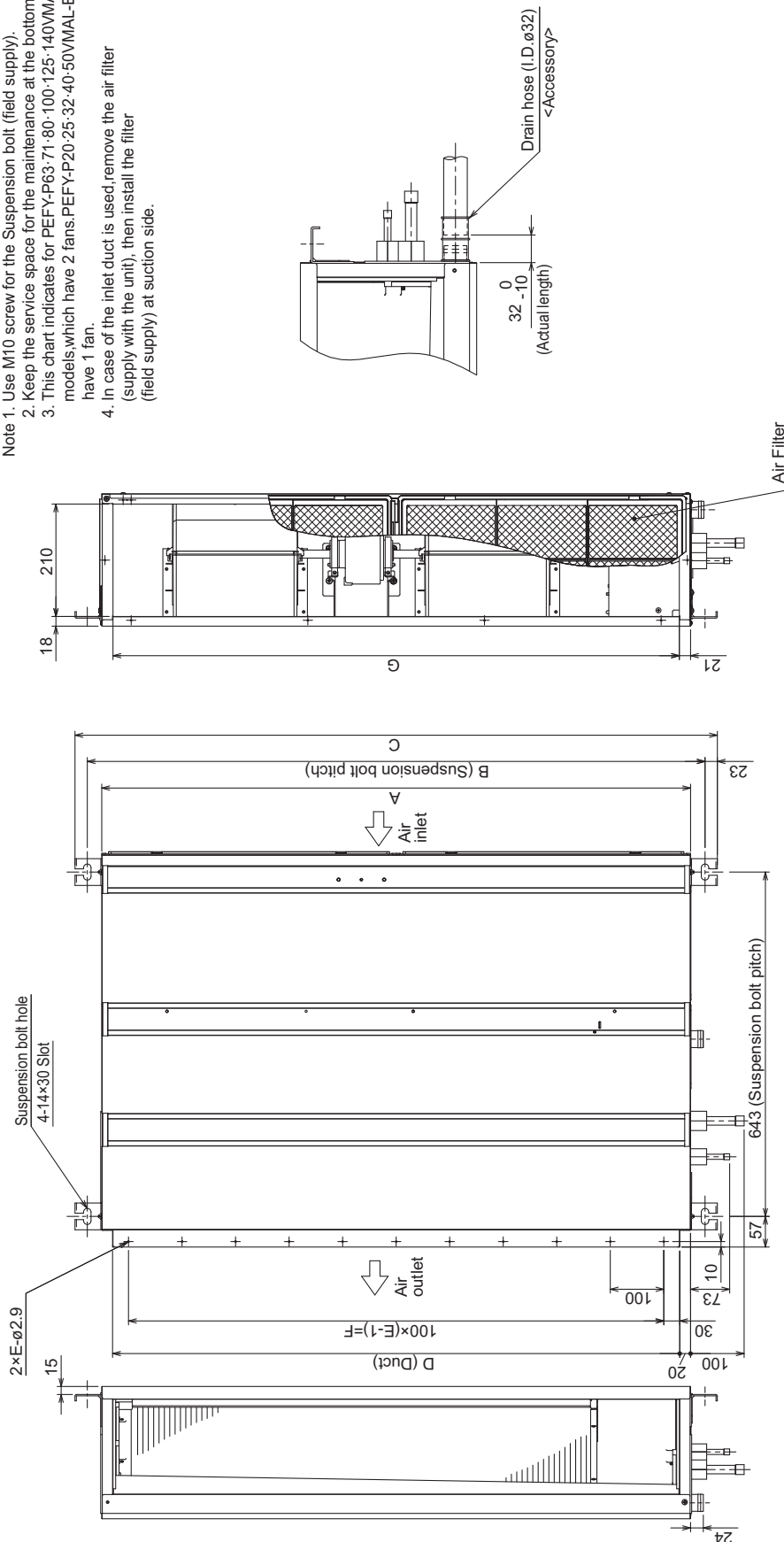
2. EXTERNAL DIMENSIONS

DATA G11

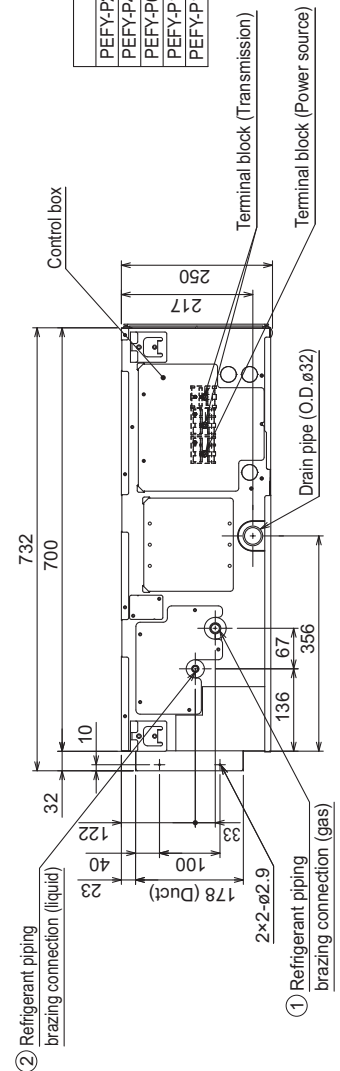
PEFY-P20, 25, 32, 40, 50, 63, 71, 80, 100, 125, 140VMAL-E

Unit: mm

- 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-P63-71-80-100-125-140 models which have 2 fans. PEFY-P20-25-32-40-50VMA have 1 fan.
4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.



Model	A	B	C	D	E	F	G	① Gas pipe	② Liquid pipe
PEFY-P20,25,32VMALE	700	754	800	860	7	800	858	ø 12.7	ø 6.35
PEFY-P40,50VMALE	900	954	1000	860	9	800	858		
PEFY-P63,71,80VMALE	1100	1154	1200	1060	11	1000	1058		
PEFY-P100,125VMALE	1400	1454	1500	1360	14	1300	1358	ø 15.88	ø 9.52
PEFY-P140VMALE	1600	1654	1700	1560	16	1500	1558		
PEFY-P200VMALE	1900	1954	2000	1860	19	1800	1858		



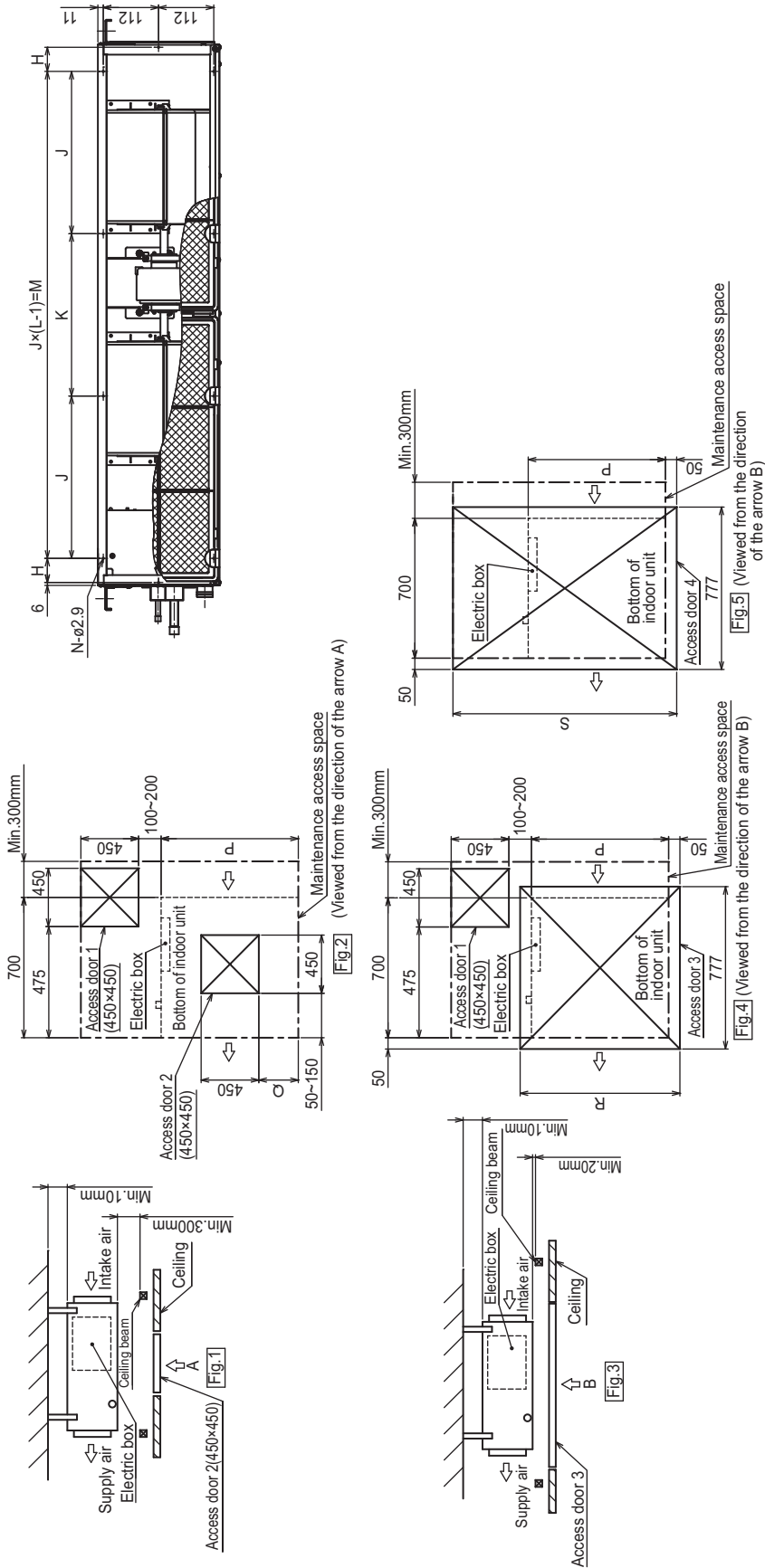
PEFY-VM(A)(L), VMA3

PEFY-P20, 25, 32, 40, 50, 63, 71, 80, 100, 125, 140VMAL-E

Unit: mm

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

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



Model	H	J	K	L	M	N	P	Q	R	S
PEFY-P20,25,32VMAL-E	44	150	300	—	—	10	700	50~150	800	1300
PEFY-P40,50VMAL-E	54	260	4	780	10	900	150~250	1000	1500	
PEFY-P63,71,80VMAL-E	49	330	4	990	10	1100	250~350	1200	1700	
PEFY-P100,125VMAL-E	54	320	5	1280	12	1400	400~500	1500	2000	
PEFY-P140VMAL-E	54	370	5	1480	12	1600	500~600	1700	2200	

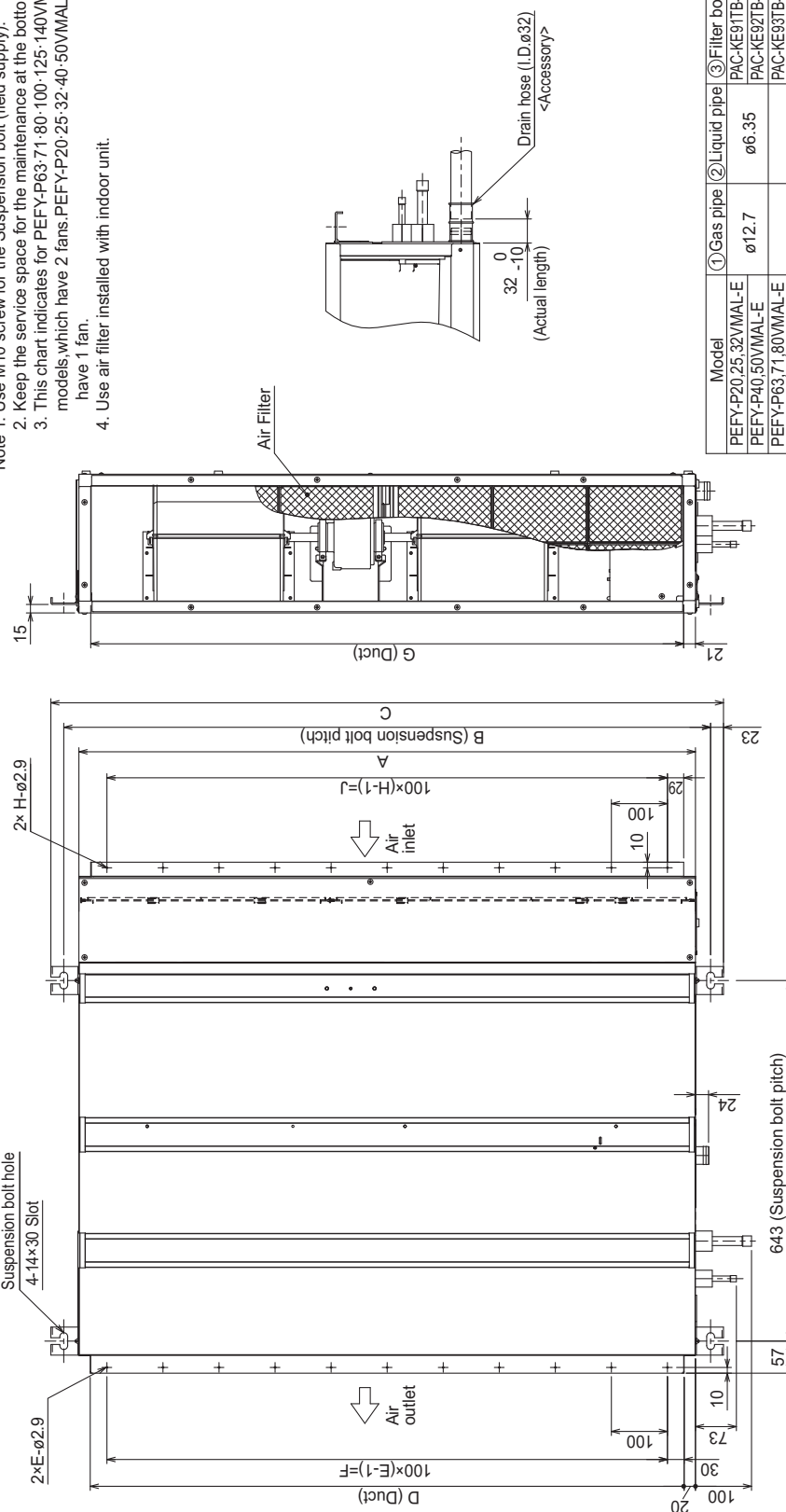
2. EXTERNAL DIMENSIONS

DATA G11

PEFY-P20, 25, 32, 40, 50, 63, 71, 80, 100, 125, 140VMAL-E with filter box

Unit: mm

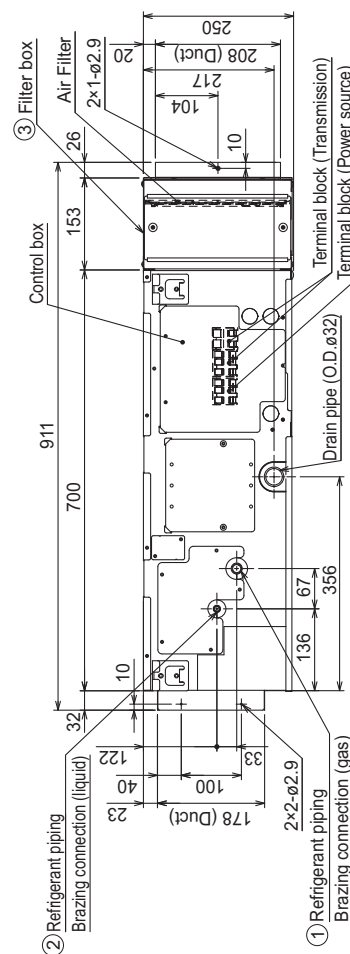
- Note**
1. Use M10 screw for the Suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. This chart indicates for PEFY-P63 71-80-100-125-140VMALE models, which have 2 fans, PEFY-P20-25-32-40-50VMALE models have 1 fan.
 4. Use air filter installed with indoor unit.



Model	① Gas pipe	② Liquid pipe	③ Filter box
PEFY-P20.25.32VMALE-E			PAC-KE91TB-E
PEFY-P40.50VMALE-E	ø12.7	ø6.35	PAC-KE92TB-E
PEFY-P63.71.80VMALE-E			PAC-KE93TB-E
PEFY-P100.125VMALE-E	ø15.88	ø9.52	PAC-KE94TB-E
PEFY-P140VMALE-F			PAC-KE95TB-E

Model	A	B	C	D	E	F	G	H	J
PEFY-P20.25.32\WAL-E	700	754	800	860	9	600	658	7	600
PEFY-P40.50\WAL-E	900	954	1000	660	7	800	858	9	800
PEFY-P83.71.80\WAL-E	1100	1154	1200	1060	11	1000	1058	11	1000
PEFY-P100.125\WAL-E	1400	1454	1500	1360	14	1300	1358	14	1300
PEFY-P140\WAL-F	1600	1654	1700	1560	16	1500	1558	16	1500
PEFY-P140\WAL-F	1600	1654	1700	1560	16	1500	1558	16	1500

<Suction filter box built-in specification>



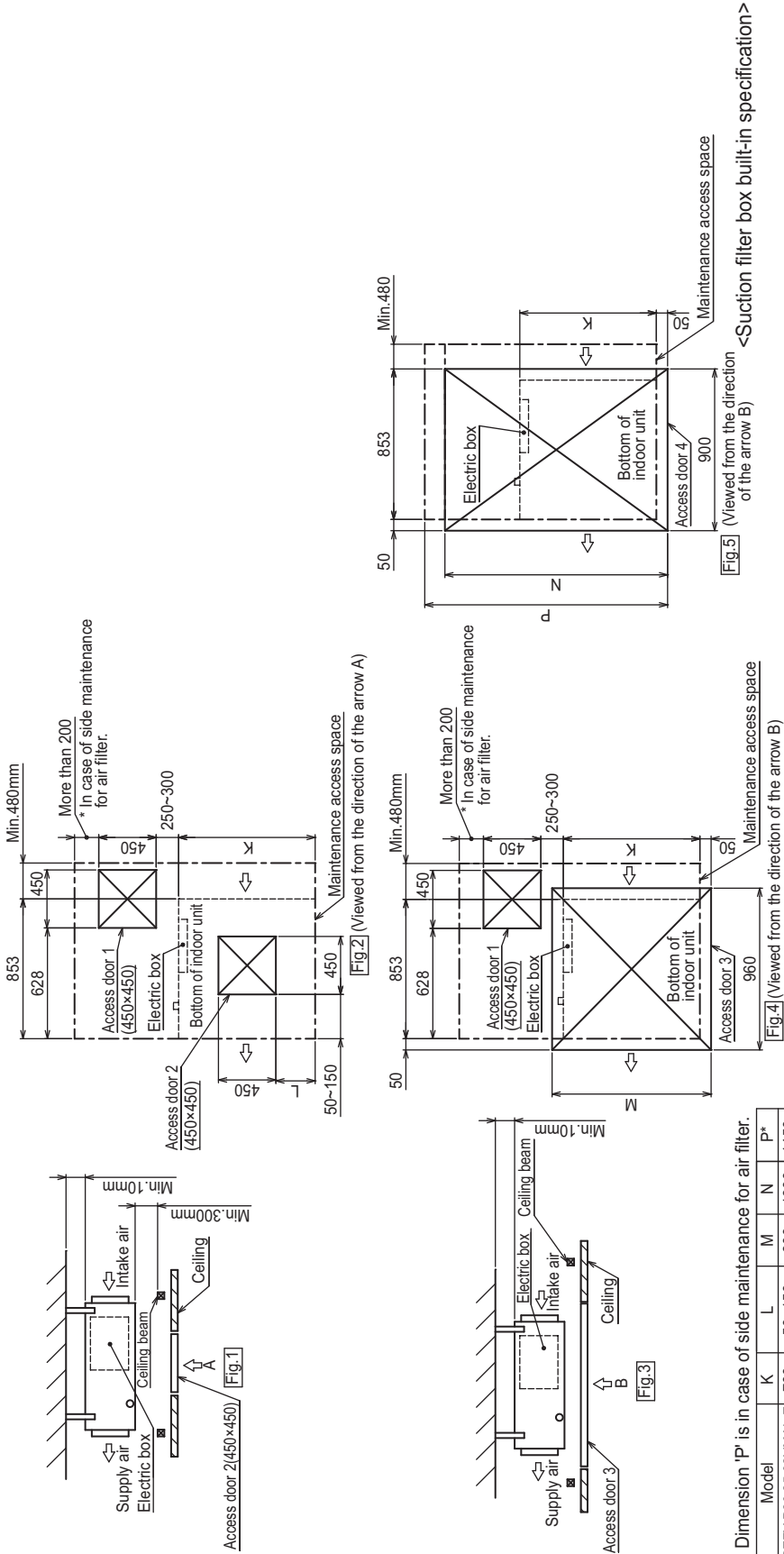
PEFY-VM(L), VMA3

PEFY-P20, 25, 32, 40, 50, 63, 71, 80, 100, 125, 140VMAL-E with filter box

Unit: mm

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

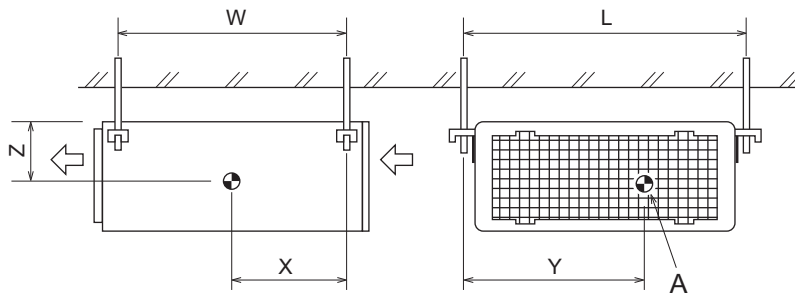
- (1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
- Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
(Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)
- (2) When a space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



* Dimension 'P' is in case of side maintenance for air filter.

Model	K	L	M	N	P*
PEFY-P20,25,32VMAL-E	700	50~150	800	1300	1450
PEFY-P40,50VMAL-E	900	150~250	1000	1500	1850
PEFY-P63,71,80VMAL-E	1100	250~350	1200	1700	
PEFY-P100,125VMAL-E	1400	400~500	1500	2000	2150
PEFY-P140VMAL-E	1600	500~600	1700	2200	2550

PEFY-P20, 25, 32, 40, 50, 63, 71, 80, 100, 125, 140VMA(L)-E
 PEFY-P20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA3-E

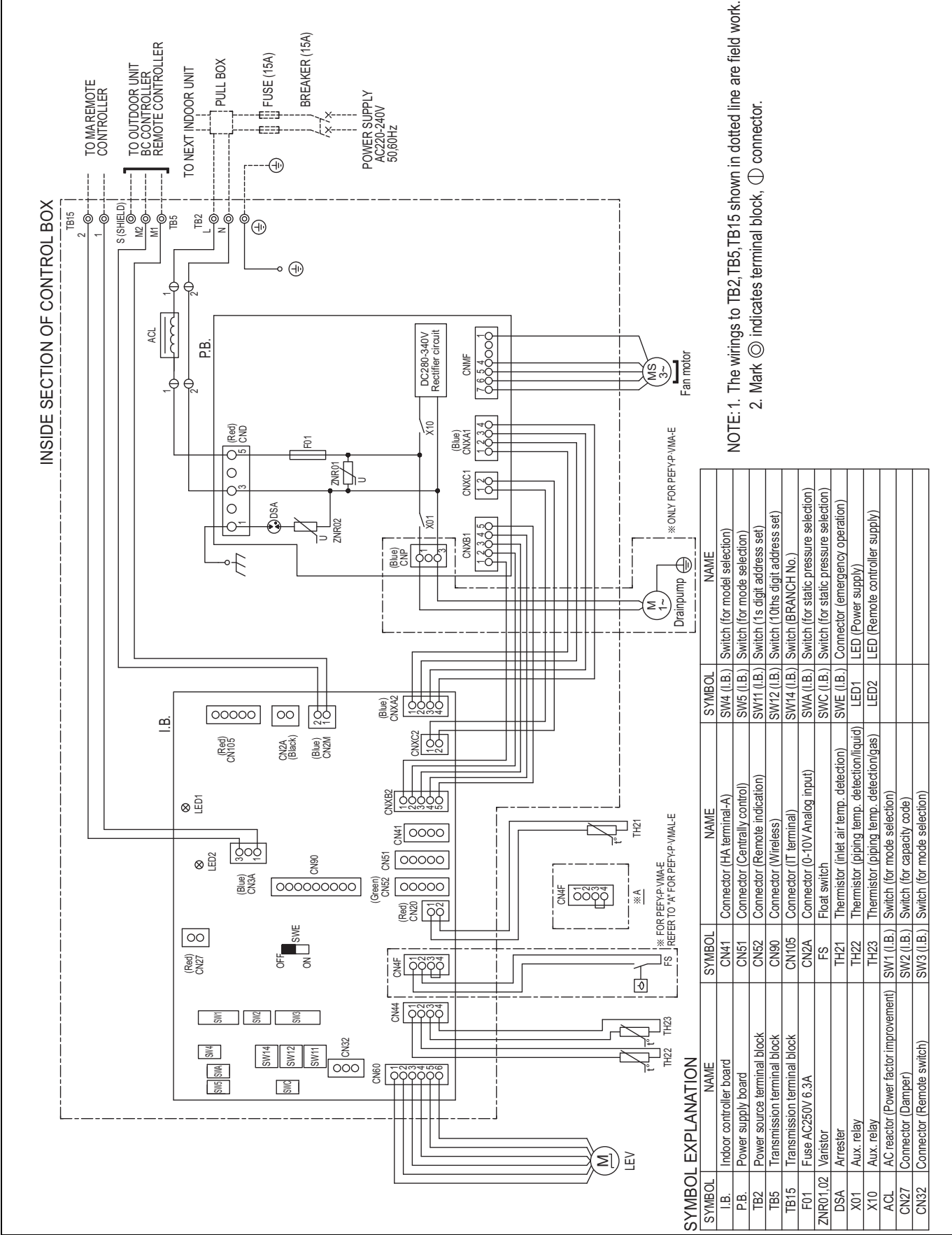


A : Center of gravity

(mm)[in]

Model name	W	L	X	Y	Z
PEFY-P20VMA(L)-E	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 - 13/16]	130 [5 - 2/16]
PEFY-P25VMA(L)-E	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 - 13/16]	130 [5 - 2/16]
PEFY-P32VMA(L)-E	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 - 13/16]	130 [5 - 2/16]
PEFY-P40VMA(L)-E	643 [25 - 6/16]	954 [37 - 9/16]	340 [13 - 7/16]	375 [14 - 13/16]	130 [5 - 2/16]
PEFY-P50VMA(L)-E	643 [25 - 6/16]	954 [37 - 9/16]	340 [13 - 7/16]	375 [14 - 13/16]	130 [5 - 2/16]
PEFY-P63VMA(L)-E	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 - 11/16]	130 [5 - 2/16]
PEFY-P71VMA(L)-E	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 - 11/16]	130 [5 - 2/16]
PEFY-P80VMA(L)-E	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 - 11/16]	130 [5 - 2/16]
PEFY-P100VMA(L)-E	643 [25 - 6/16]	1454 [57 - 4/16]	330 [13]	675 [26 - 10/16]	130 [5 - 2/16]
PEFY-P125VMA(L)-E	643 [25 - 6/16]	1454 [57 - 4/16]	330 [13]	675 [26 - 10/16]	130 [5 - 2/16]
PEFY-P140VMA(L)-E	643 [25 - 6/16]	1654 [65 - 2/16]	332 [13 - 2/16]	725 [28 - 9/16]	130 [5 - 2/16]
PEFY-P20VMA3-E	643 [25 - 6/16]	954 [37 - 9/16]	340 [13 - 7/16]	375 [14 - 13/16]	130 [5 - 2/16]
PEFY-P25VMA3-E	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 - 11/16]	130 [5 - 2/16]
PEFY-P32VMA3-E	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 - 11/16]	130 [5 - 2/16]
PEFY-P40VMA3-E	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 - 11/16]	130 [5 - 2/16]
PEFY-P50VMA3-E	643 [25 - 6/16]	1654 [65 - 2/16]	332 [13 - 2/16]	725 [28 - 9/16]	130 [5 - 2/16]
PEFY-P63VMA3-E	643 [25 - 6/16]	1654 [65 - 2/16]	332 [13 - 2/16]	725 [28 - 9/16]	130 [5 - 2/16]
PEFY-P71VMA3-E	643 [25 - 6/16]	1654 [65 - 2/16]	332 [13 - 2/16]	725 [28 - 9/16]	130 [5 - 2/16]
PEFY-P80VMA3-E	643 [25 - 6/16]	1654 [65 - 2/16]	332 [13 - 2/16]	725 [28 - 9/16]	130 [5 - 2/16]
PEFY-P100VMA3-E	643 [25 - 6/16]	1654 [65 - 2/16]	332 [13 - 2/16]	725 [28 - 9/16]	130 [5 - 2/16]
PEFY-P125VMA3-E	643 [25 - 6/16]	1654 [65 - 2/16]	332 [13 - 2/16]	725 [28 - 9/16]	130 [5 - 2/16]

PEFY-P20, 25, 32, 40, 50, 63, 71, 80, 100, 125, 140VMA(L)-E



PEFY-VMA(L), VMA3



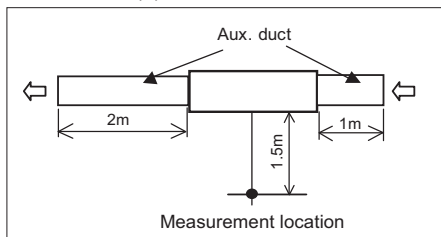
SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
IB.	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 model 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.)
FB01	Fuse AC250V 6.3A	CN2A	Connector (0-10V Analog input)	SWA (I.B.)	Switch (for static pressure selection)
NR01. 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)		
CN27	Connector (Damper)	SW2 (I.B.)	Switch (for capacity code)		
CN32	Connector (Remote switch)	SW3 (I.B.)	Switch (for mode selection)		

5-1. Sound levels

5-1-1. Sound levels (Measured point: With 1m air inlet duct and 2m air outlet duct)

PEFY-P-VMA(L)-E, VMA3-E



* Measured in anechoic room.

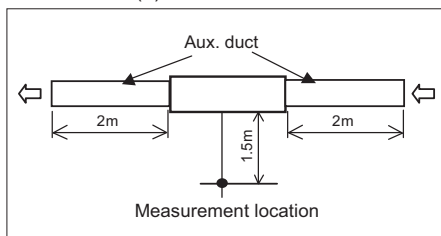
Sound level at anechoic room: Low-Mid-High

Model	Sound level dB(A)				
	35Pa	50Pa	70Pa	100Pa	150Pa
PEFY-P20VMA(L)-E	26-27-28	26-28-29	26-29-31	27-30-33	28-33-37
PEFY-P25VMA(L)-E	26-27-28	26-28-29	26-29-31	27-30-33	28-33-37
PEFY-P32VMA(L)-E	28-30-34	28-30-34	29-32-36	29-33-37	31-35-40
PEFY-P40VMA(L)-E	28-30-34	28-30-34	29-32-36	29-33-37	32-36-40
PEFY-P50VMA(L)-E	28-31-35	28-32-35	29-33-37	30-34-38	32-37-41
PEFY-P63VMA(L)-E	29-32-35	29-32-36	30-33-38	31-35-39	33-38-41
PEFY-P71VMA(L)-E	30-33-37	30-34-38	31-36-39	33-37-41	36-41-44
PEFY-P80VMA(L)-E	30-33-37	30-34-38	31-36-39	33-37-41	36-41-44
PEFY-P100VMA(L)-E	31-36-40	32-37-41	33-38-42	35-39-43	37-42-45
PEFY-P125VMA(L)-E	35-40-44	35-40-44	37-41-45	38-42-46	39-44-47
PEFY-P140VMA(L)-E	36-41-45	36-41-45	38-42-46	39-43-47	40-45-48

	35Pa	50Pa	70Pa	100Pa	125Pa
PEFY-P20VMA3-E	29-34-38	30-35-39	32-36-40	33-37-41	35-39-43
PEFY-P25VMA3-E	29-32-35	29-32-36	30-33-38	31-35-39	33-38-41
PEFY-P32VMA3-E	29-32-35	29-32-36	30-33-38	31-35-39	33-38-41
PEFY-P40VMA3-E	30-33-37	30-34-38	31-36-39	33-37-41	36-41-44
PEFY-P50VMA3-E	36-41-45	36-41-45	38-42-46	39-43-47	40-45-48
PEFY-P63VMA3-E	36-41-45	36-41-45	38-42-46	39-43-47	40-45-48
PEFY-P71VMA3-E	36-41-45	36-41-45	38-42-46	39-43-47	40-45-48
PEFY-P80VMA3-E	36-41-45	36-41-45	38-42-46	39-43-47	40-45-48
PEFY-P100VMA3-E	36-41-45	36-41-45	38-42-46	39-43-47	40-45-48
PEFY-P125VMA3-E	36-41-45	36-41-45	38-42-46	39-43-47	40-45-48

5-1-2. Sound levels (Measured point: With 2m air inlet duct and 2m air outlet duct)

PEFY-P-VMA(L)-E, VMA3-E



* Measured in anechoic room.

Sound level at anechoic room : Low-Mid-High

Model	Sound level dB(A)				
	35Pa	50Pa	70Pa	100Pa	150Pa
PEFY-P20VMA(L)-E	23-24-25	23-25-26	23-26-28	24-27-30	25-30-34
PEFY-P25VMA(L)-E	23-24-25	23-25-26	23-26-28	24-27-30	25-30-34
PEFY-P32VMA(L)-E	23-25-28	23-26-29	24-27-30	25-28-32	28-32-36
PEFY-P40VMA(L)-E	23-26-29	23-27-30	24-28-31	26-29-33	29-33-37
PEFY-P50VMA(L)-E	24-28-31	25-29-32	26-30-33	27-31-34	29-34-38
PEFY-P63VMA(L)-E	25-28-32	25-29-33	26-30-34	27-31-35	29-34-38
PEFY-P71VMA(L)-E	26-29-33	26-29-34	26-30-35	29-33-37	32-37-41
PEFY-P80VMA(L)-E	26-29-33	26-29-34	26-30-35	29-33-37	32-37-41
PEFY-P100VMA(L)-E	28-32-36	28-33-37	30-35-39	31-36-40	33-38-43
PEFY-P125VMA(L)-E	31-35-39	32-36-40	32-37-41	33-39-42	37-40-44
PEFY-P140VMA(L)-E	31-35-40	33-37-42	34-38-43	35-39-44	37-41-45

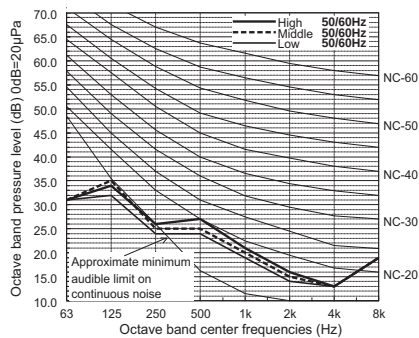
	35Pa	50Pa	70Pa	100Pa	125Pa
PEFY-P20VMA3-E	25-30-34	26-31-35	28-32-36	29-33-37	31-35-39
PEFY-P25VMA3-E	25-28-32	25-29-33	26-30-34	27-31-35	29-34-38
PEFY-P32VMA3-E	25-28-32	25-29-33	26-30-34	27-31-35	29-34-38
PEFY-P40VMA3-E	26-29-33	26-29-34	26-30-35	29-33-37	32-37-41
PEFY-P50VMA3-E	31-35-40	33-37-42	34-38-43	35-39-44	37-41-45
PEFY-P63VMA3-E	31-35-40	33-37-42	34-38-43	35-39-44	37-41-45
PEFY-P71VMA3-E	31-35-40	33-37-42	34-38-43	35-39-44	37-41-45
PEFY-P80VMA3-E	31-35-40	33-37-42	34-38-43	35-39-44	37-41-45
PEFY-P100VMA3-E	31-35-40	33-37-42	34-38-43	35-39-44	37-41-45
PEFY-P125VMA3-E	31-35-40	33-37-42	34-38-43	35-39-44	37-41-45

5-2. NC curves

5-2-1. NC curves (Sound level measured point : With 1m air inlet duct and 2m air outlet duct)

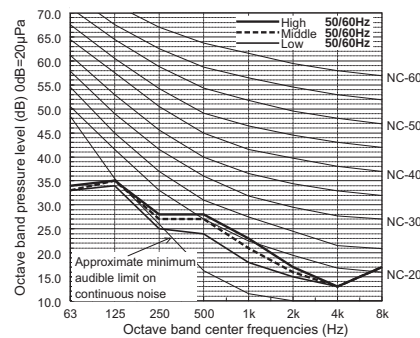
PEFY-P20,25VMA(L)-E

External Static Pressure: 35Pa
Power Source: 220-240V(50/60Hz)



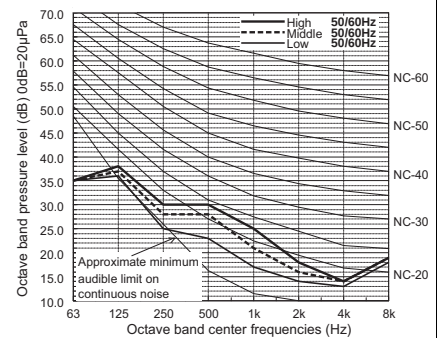
PEFY-P20,25VMA(L)-E

External Static Pressure: 50Pa
Power Source: 220-240V(50/60Hz)



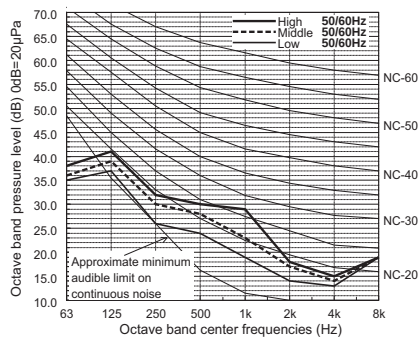
PEFY-P20,25VMA(L)-E

External Static Pressure: 70Pa
Power Source: 220-240V(50/60Hz)



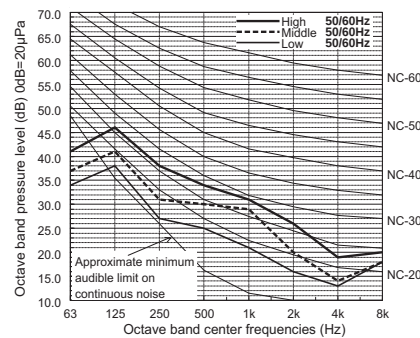
PEFY-P20,25VMA(L)-E

External Static Pressure: 100Pa
Power Source: 220-240V(50/60Hz)



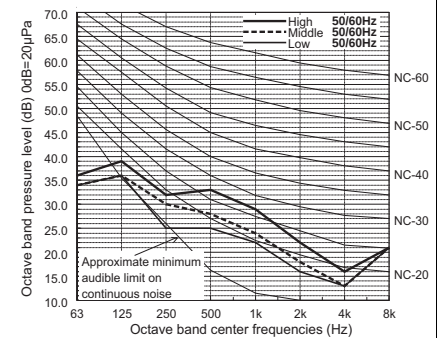
PEFY-P20,25VMA(L)-E

External Static Pressure: 150Pa
Power Source: 220-240V(50/60Hz)



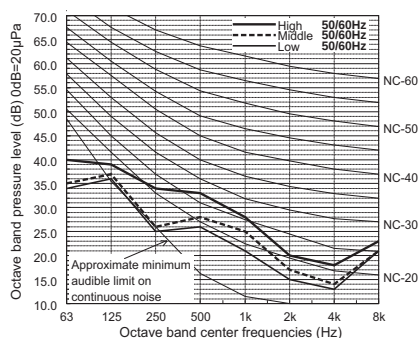
PEFY-P32VMA(L)-E

External Static Pressure: 35Pa
Power Source: 220-240V(50/60Hz)



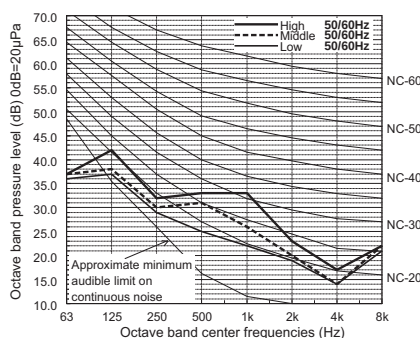
PEFY-P32VMA(L)-E

External Static Pressure: 50Pa
Power Source: 220-240V(50/60Hz)



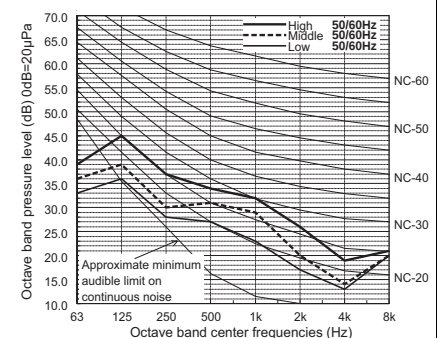
PEFY-P32VMA(L)-E

External Static Pressure: 70Pa
Power Source: 220-240V(50/60Hz)



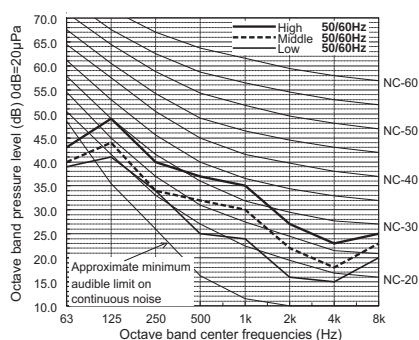
PEFY-P32VMA(L)-E

External Static Pressure: 100Pa
Power Source: 220-240V(50/60Hz)



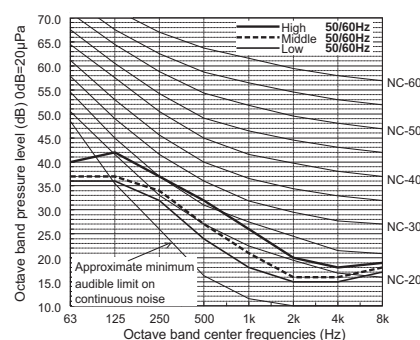
PEFY-P32VMA(L)-E

External Static Pressure: 150Pa
Power Source: 220-240V(50/60Hz)



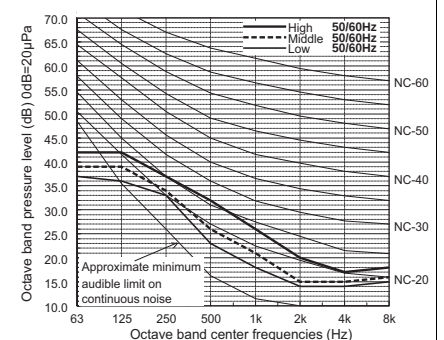
PEFY-P40VMA(L)-E

External Static Pressure: 35Pa
Power Source: 220-240V(50/60Hz)



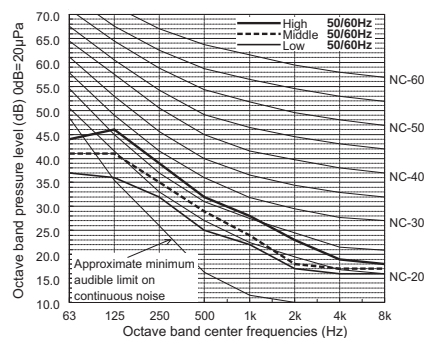
PEFY-P40VMA(L)-E

External Static Pressure: 50Pa
Power Source: 220-240V(50/60Hz)

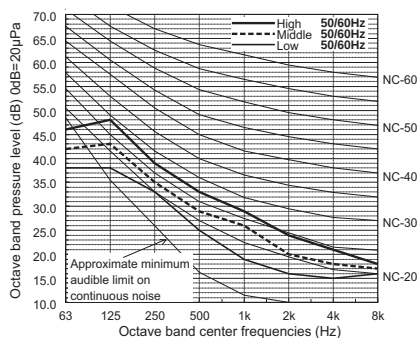


PEFY-P40VMA(L)-E

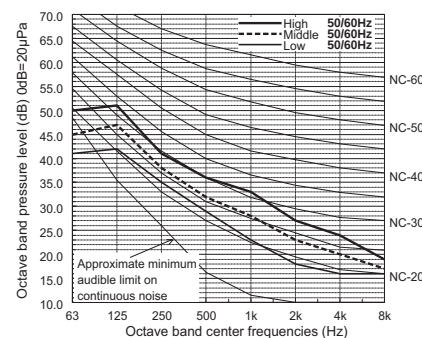
External Static Pressure: 70Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P40VMA(L)-E**

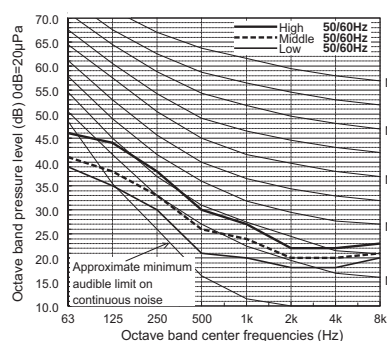
External Static Pressure: 100Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P40VMA(L)-E**

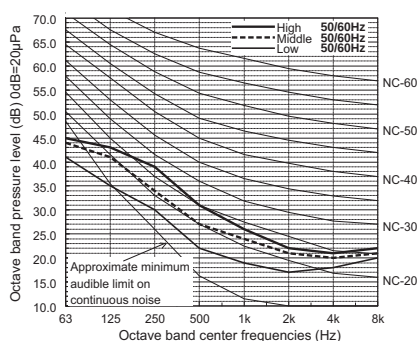
External Static Pressure: 150Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P50VMA(L)-E**

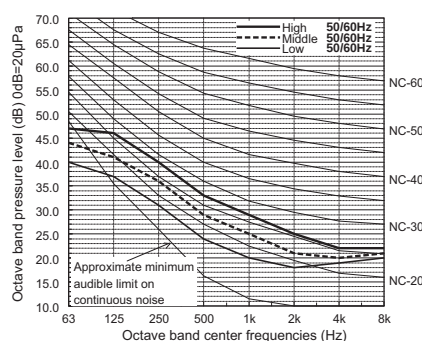
External Static Pressure: 35Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P50VMA(L)-E**

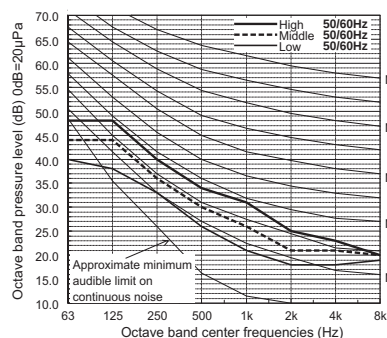
External Static Pressure: 50Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P50VMA(L)-E**

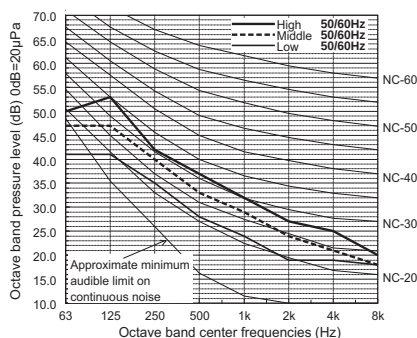
External Static Pressure: 70Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P50VMA(L)-E**

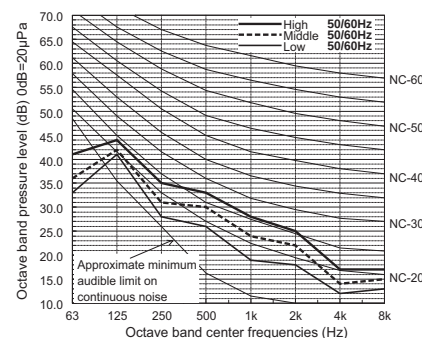
External Static Pressure: 100Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P50VMA(L)-E**

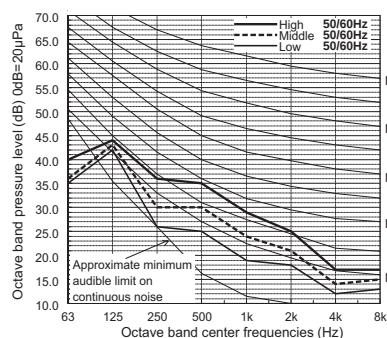
External Static Pressure: 150Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P63VMA(L)-E**

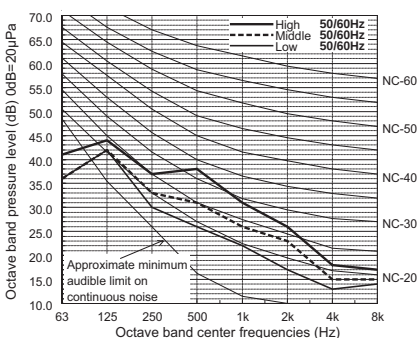
External Static Pressure: 35Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P63VMA(L)-E**

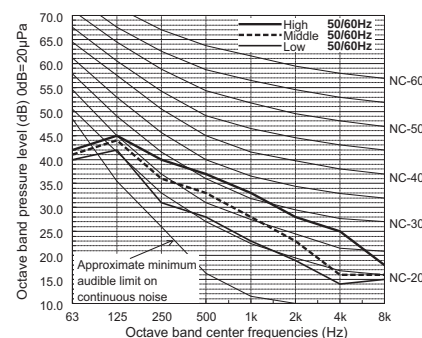
External Static Pressure: 50Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P63VMA(L)-E**

External Static Pressure: 70Pa
Power Source: 220-240V(50/60Hz)

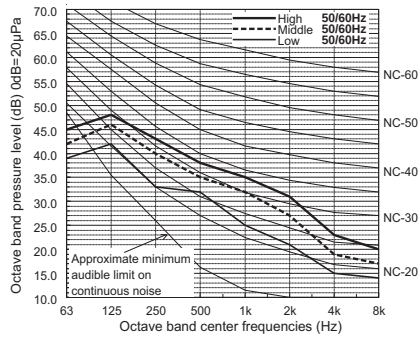
**PEFY-P63VMA(L)-E**

External Static Pressure: 100Pa
Power Source: 220-240V(50/60Hz)

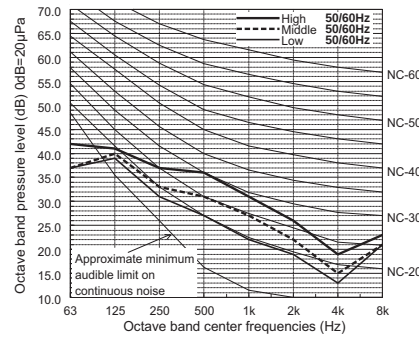


PEFY-P63VMA(L)-E

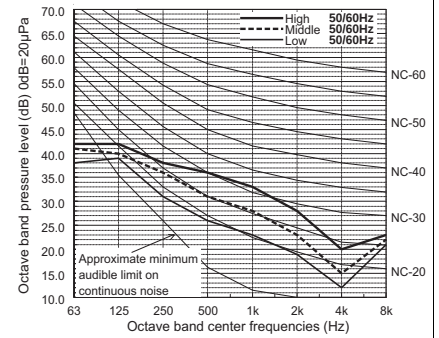
External Static Pressure: 150Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P71,80VMA(L)-E**

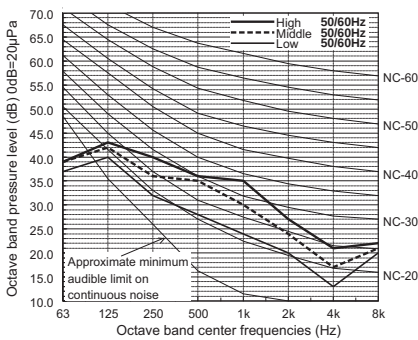
External Static Pressure: 35Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P71,80VMA(L)-E**

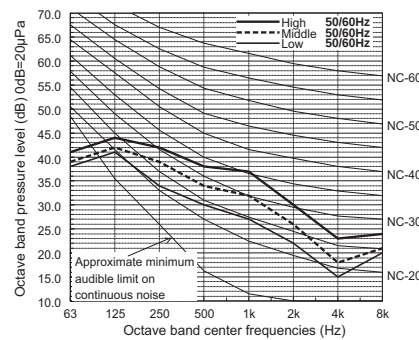
External Static Pressure: 50Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P71,80VMA(L)-E**

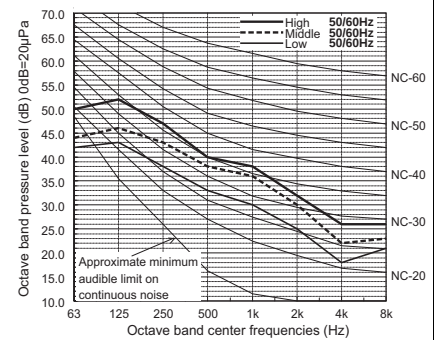
External Static Pressure: 70Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P71,80VMA(L)-E**

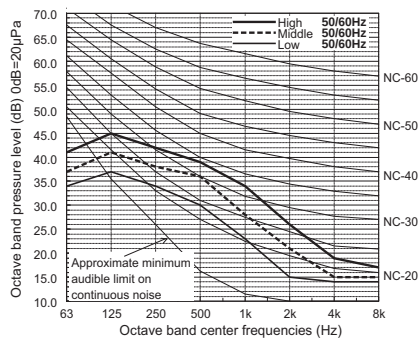
External Static Pressure: 100Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P71,80VMA(L)-E**

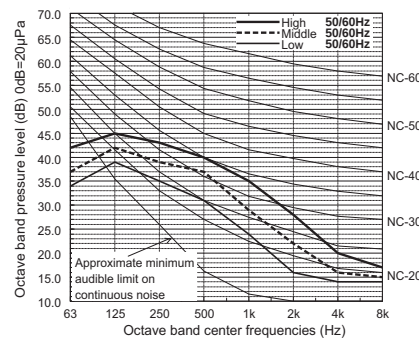
External Static Pressure: 150Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P100VMA(L)-E**

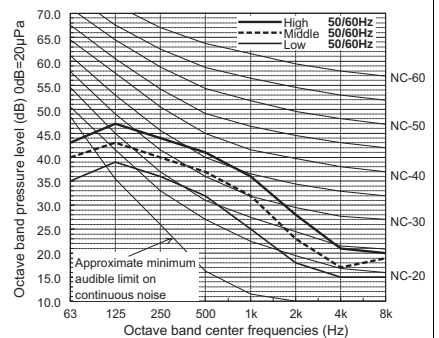
External Static Pressure: 35Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P100VMA(L)-E**

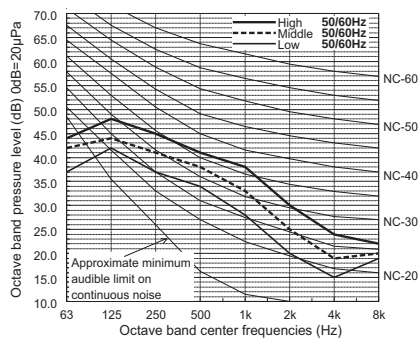
External Static Pressure: 50Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P100VMA(L)-E**

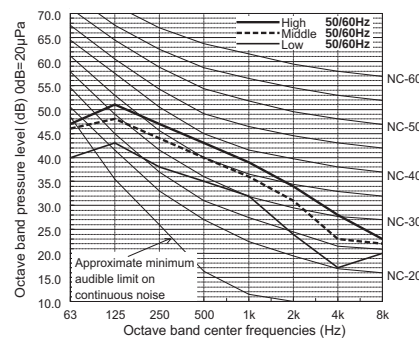
External Static Pressure: 70Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P100VMA(L)-E**

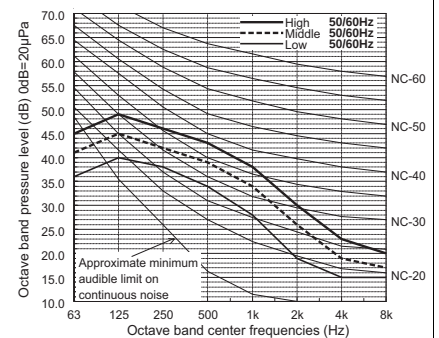
External Static Pressure: 100Pa
Power Source: 220-240V(50/60Hz)

**PEFY-P100VMA(L)-E**

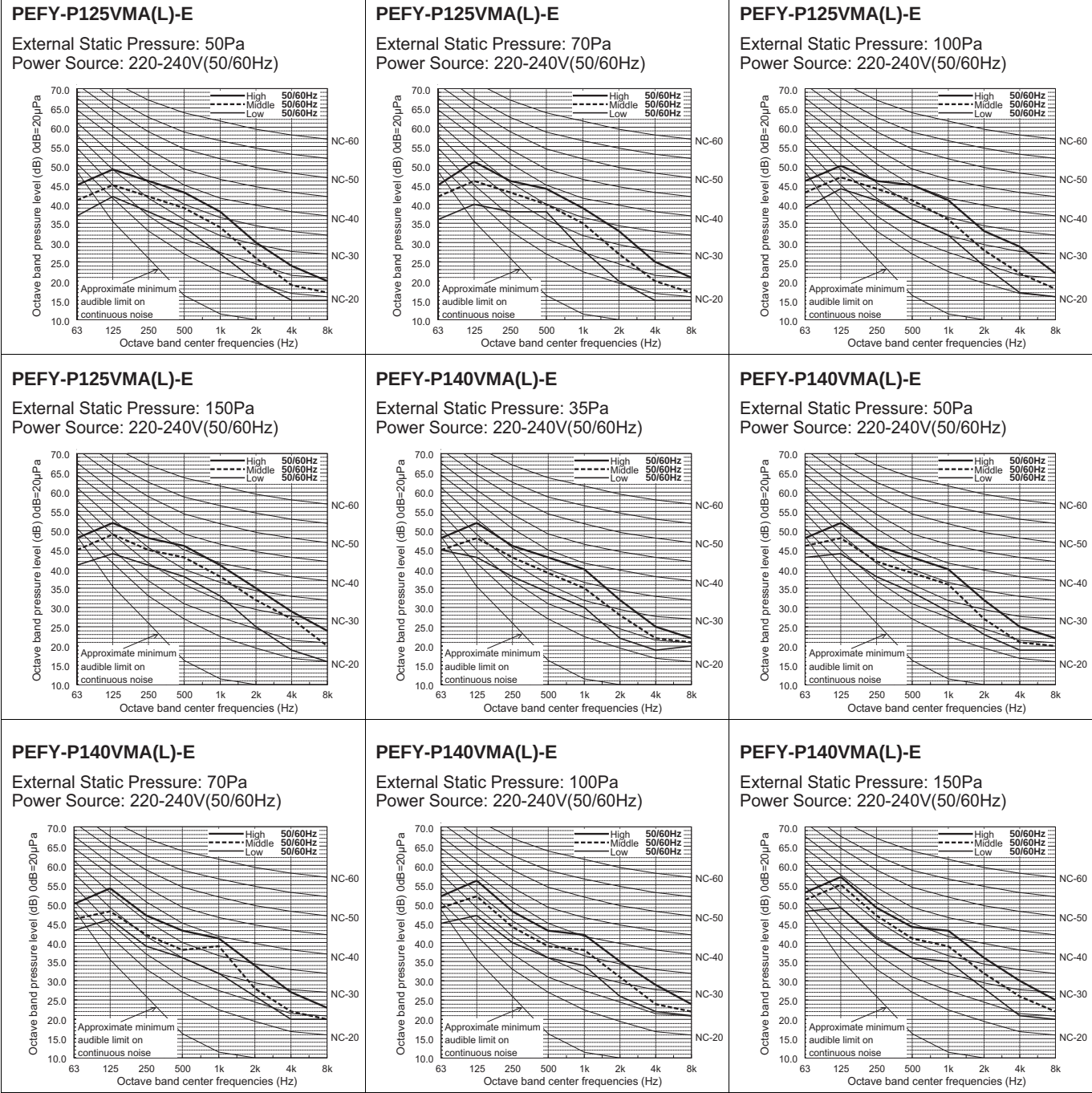
External Static Pressure: 150Pa
Power Source: 220-240V(50/60Hz)

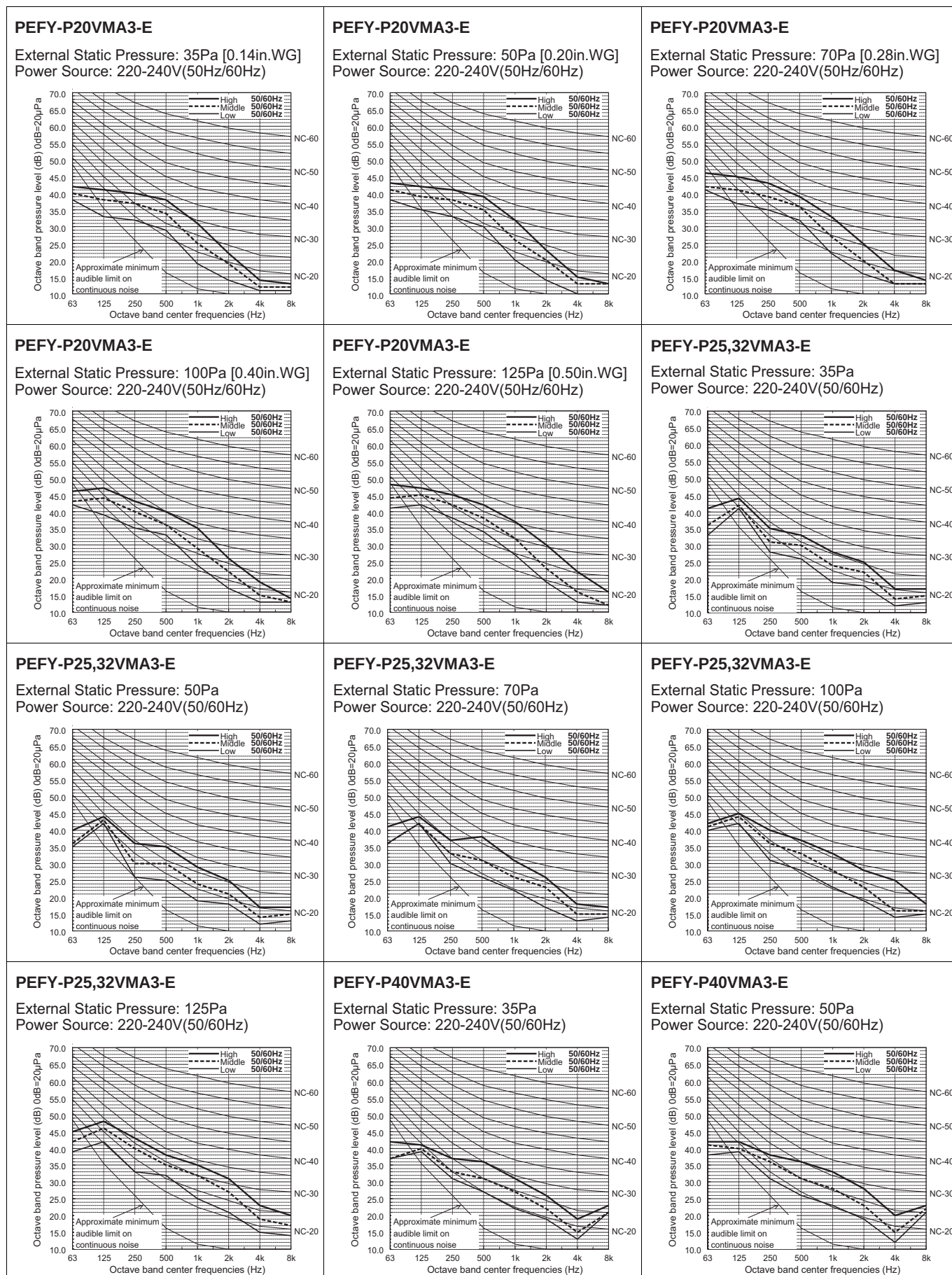
**PEFY-P125VMA(L)-E**

External Static Pressure: 35Pa
Power Source: 220-240V(50/60Hz)



PEFY-VMA(L), VMA3

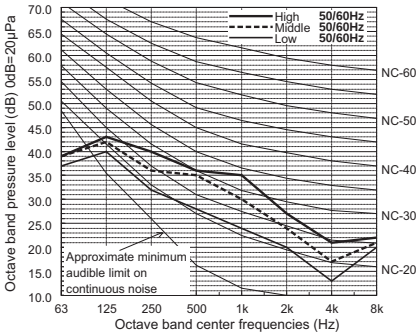




PEFY-VMA(L), VMA3

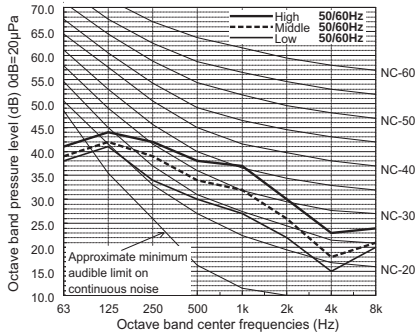
PEFY-P40VMA3-E

External Static Pressure: 70Pa
Power Source: 220-240V(50/60Hz)



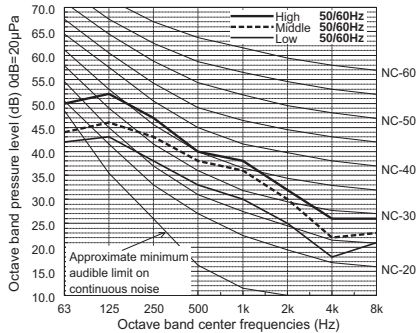
PEFY-P40VMA3-E

External Static Pressure: 100Pa
Power Source: 220-240V(50/60Hz)



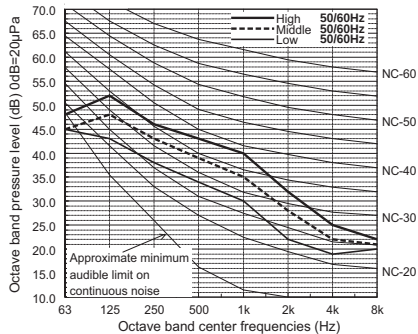
PEFY-P40VMA3-E

External Static Pressure: 125Pa
Power Source: 220-240V(50/60Hz)



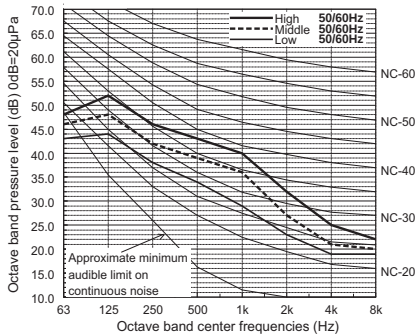
PEFY-P50,63,71,80,100,125VMA3-E

External Static Pressure: 35Pa
Power Source: 220-240V(50/60Hz)



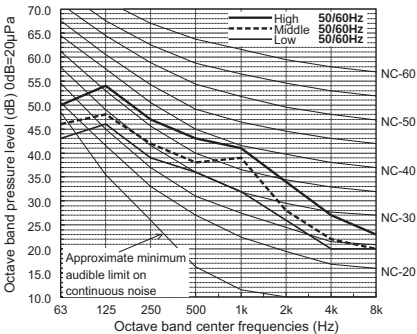
PEFY-P50,63,71,80,100,125VMA3-E

External Static Pressure: 50Pa
Power Source: 220-240V(50/60Hz)



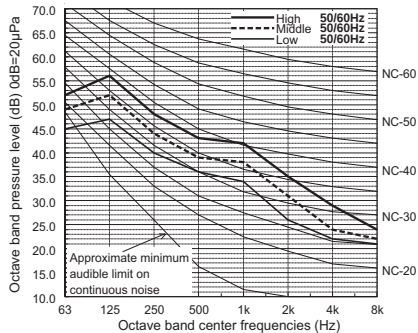
PEFY-P50,63,71,80,100,125VMA3-E

External Static Pressure: 70Pa
Power Source: 220-240V(50/60Hz)



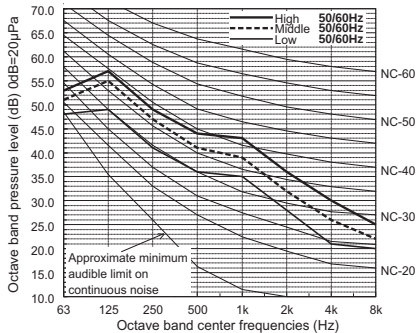
PEFY-P50,63,71,80,100,125VMA3-E

External Static Pressure: 100Pa
Power Source: 220-240V(50/60Hz)



PEFY-P50,63,71,80,100,125VMA3-E

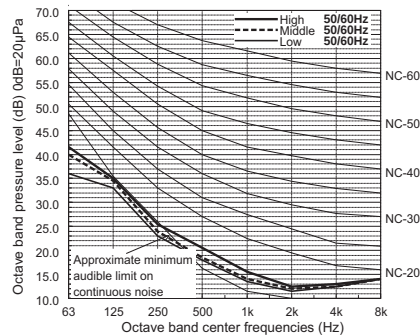
External Static Pressure: 125Pa
Power Source: 220-240V(50/60Hz)



5-2-2. NC curves (Sound level measured point : With 2m air inlet duct and 2m air outlet duct)

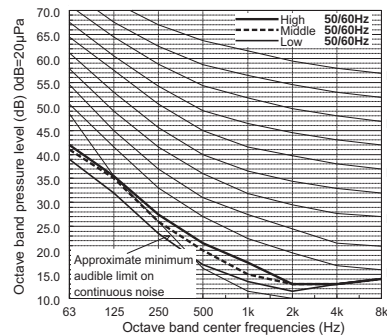
PEFY-P20,25VMA(L)-E

External Static Pressure: 35Pa
Power Source: 220-230-240V(50/60Hz)



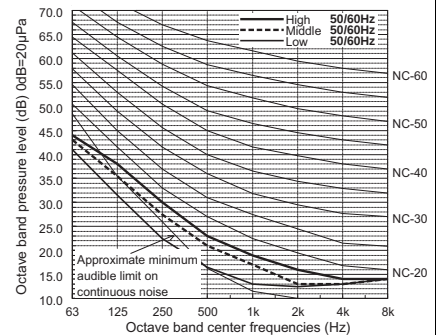
PEFY-P20,25VMA(L)-E

External Static Pressure: 50Pa
Power Source: 220-230-240V(50/60Hz)



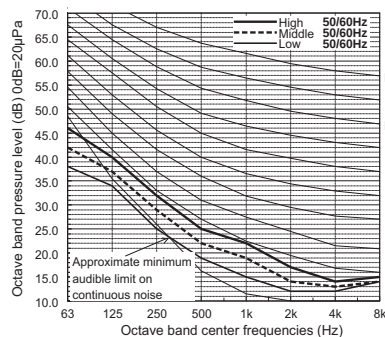
PEFY-P20,25VMA(L)-E

External Static Pressure: 70Pa
Power Source: 220-230-240V(50/60Hz)



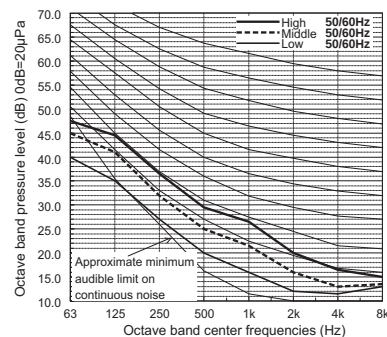
PEFY-P20,25VMA(L)-E

External Static Pressure: 100Pa
Power Source: 220-230-240V(50/60Hz)



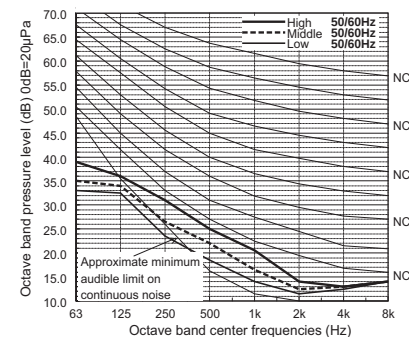
PEFY-P20,25VMA(L)-E

External Static Pressure: 150Pa
Power Source: 220-230-240V(50/60Hz)



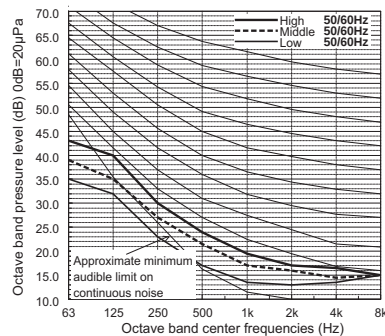
PEFY-P32VMA(L)-E

External Static Pressure: 35Pa
Power Source: 220-230-240V(50/60Hz)



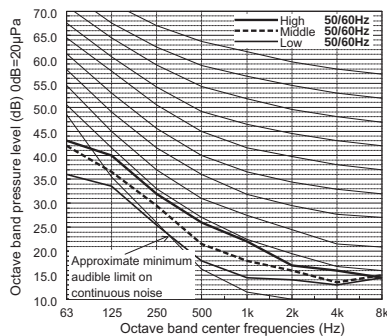
PEFY-P32VMA(L)-E

External Static Pressure: 50Pa
Power Source: 220-230-240V(50/60Hz)



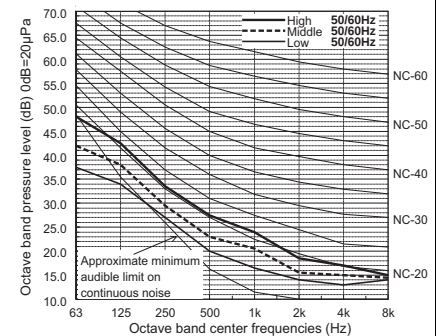
PEFY-P32VMA(L)-E

External Static Pressure: 70Pa
Power Source: 220-230-240V(50/60Hz)



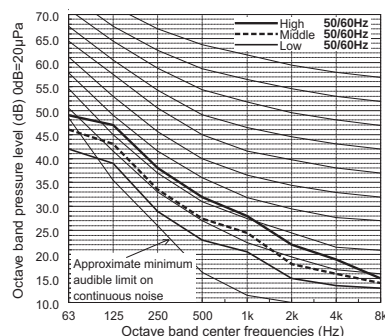
PEFY-P32VMA(L)-E

External Static Pressure: 100Pa
Power Source: 220-230-240V(50/60Hz)



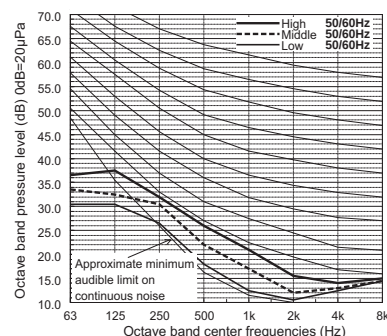
PEFY-P32VMA(L)-E

External Static Pressure: 150Pa
Power Source: 220-230-240V(50/60Hz)



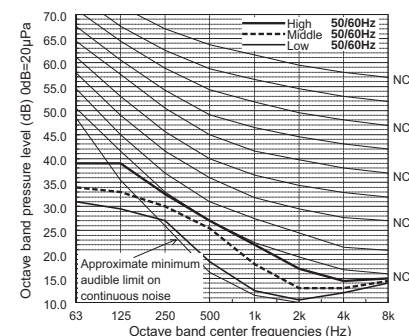
PEFY-P40VMA(L)-E

External Static Pressure: 35Pa
Power Source: 220-230-240V(50/60Hz)



PEFY-P40VMA(L)-E

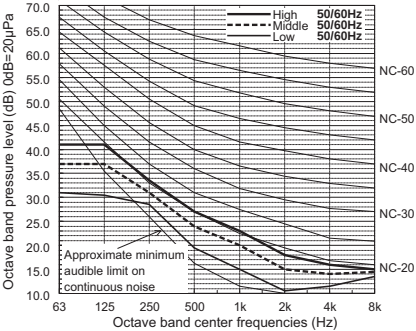
External Static Pressure: 50Pa
Power Source: 220-230-240V(50/60Hz)



PEFY-VMA(L), VMA3

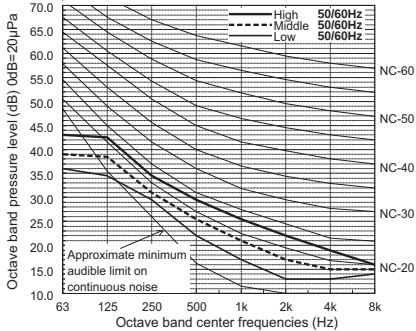
PEFY-P40VMA(L)-E

External Static Pressure: 70Pa
Power Source: 220-230-240V(50/60Hz)



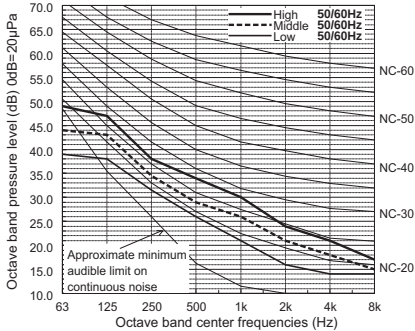
PEFY-P40VMA(L)-E

External Static Pressure: 100Pa
Power Source: 220-230-240V(50/60Hz)



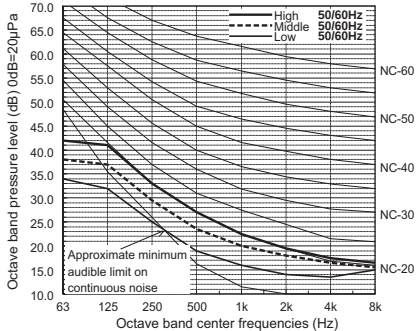
PEFY-P40VMA(L)-E

External Static Pressure: 150Pa
Power Source: 220-230-240V(50/60Hz)



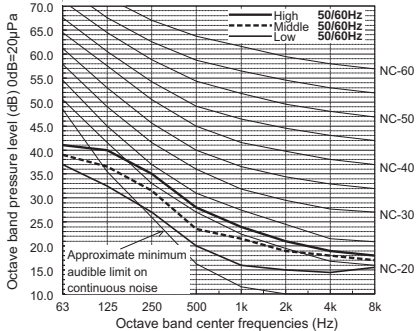
PEFY-P50VMA(L)-E

External Static Pressure: 35Pa
Power Source: 220-230-240V(50/60Hz)



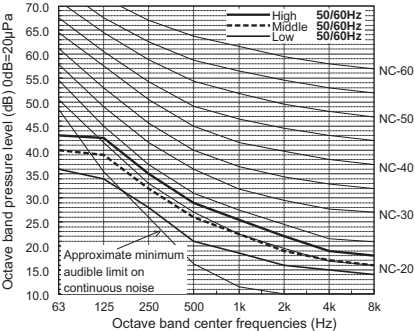
PEFY-P50VMA(L)-E

External Static Pressure: 50Pa
Power Source: 220-230-240V(50/60Hz)



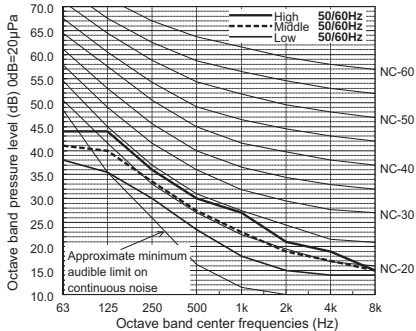
PEFY-P50VMA(L)-E

External Static Pressure: 70Pa
Power Source: 220-230-240V(50/60Hz)



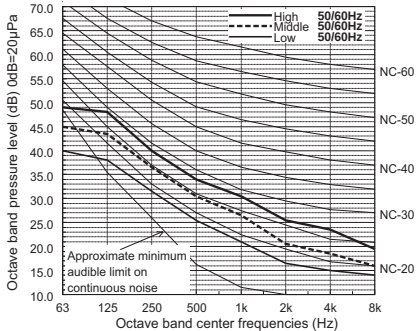
PEFY-P50VMA(L)-E

External Static Pressure: 100Pa
Power Source: 220-230-240V(50/60Hz)



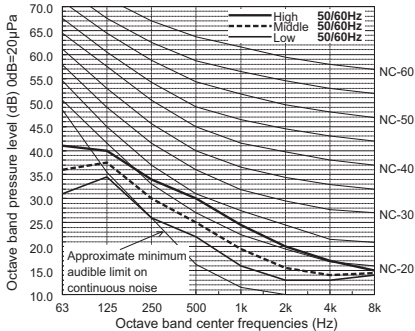
PEFY-P50VMA(L)-E

External Static Pressure: 150Pa
Power Source: 220-230-240V(50/60Hz)



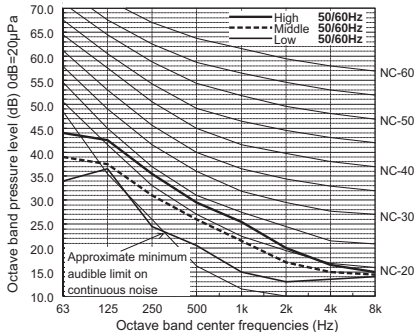
PEFY-P63VMA(L)-E

External Static Pressure: 35Pa
Power Source: 220-230-240V(50/60Hz)



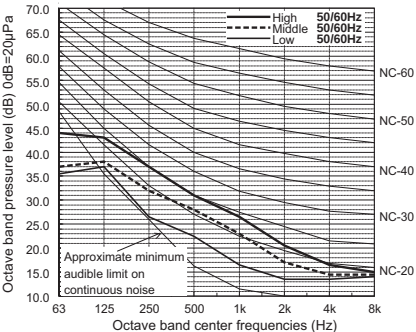
PEFY-P63VMA(L)-E

External Static Pressure: 50Pa
Power Source: 220-230-240V(50/60Hz)



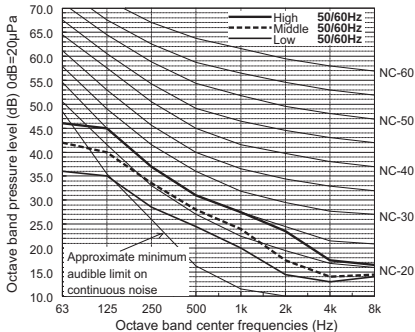
PEFY-P63VMA(L)-E

External Static Pressure: 70Pa
Power Source: 220-230-240V(50/60Hz)



PEFY-P63VMA(L)-E

External Static Pressure: 100Pa
Power Source: 220-230-240V(50/60Hz)

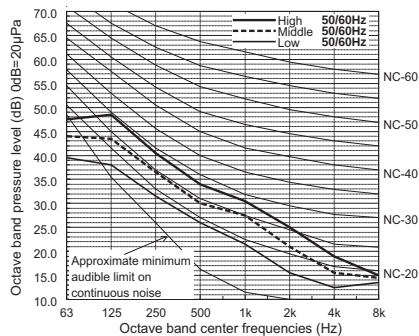


5. SOUND LEVELS

DATA G11

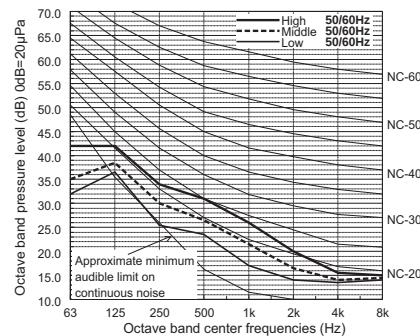
PEFY-P63VMA(L)-E

External Static Pressure: 150Pa
Power Source: 220-230-240V(50/60Hz)



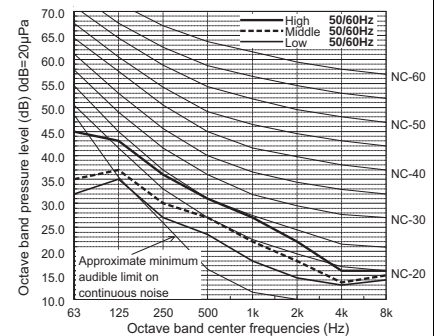
PEFY-P71, 80VMA(L)-E

External Static Pressure: 35Pa
Power Source: 220-230-240V(50/60Hz)



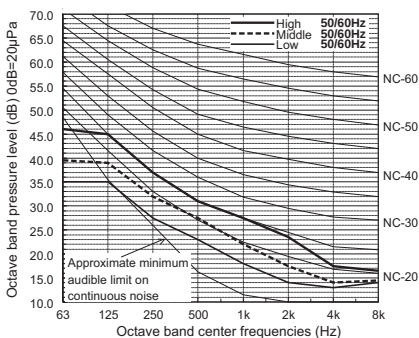
PEFY-P71, 80VMA(L)-E

External Static Pressure: 50Pa
Power Source: 220-230-240V(50/60Hz)



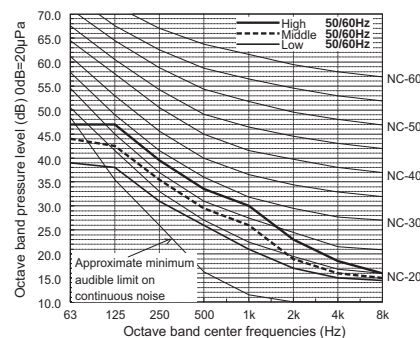
PEFY-P71, 80VMA(L)-E

External Static Pressure: 70Pa
Power Source: 220-230-240V(50/60Hz)



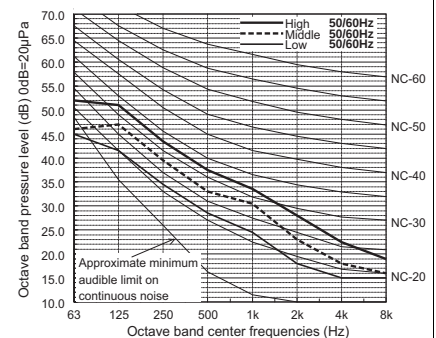
PEFY-P71, 80VMA(L)-E

External Static Pressure: 100Pa
Power Source: 220-230-240V(50/60Hz)



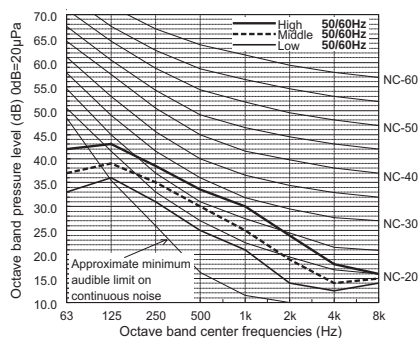
PEFY-P71, 80VMA(L)-E

External Static Pressure: 150Pa
Power Source: 220-230-240V(50/60Hz)



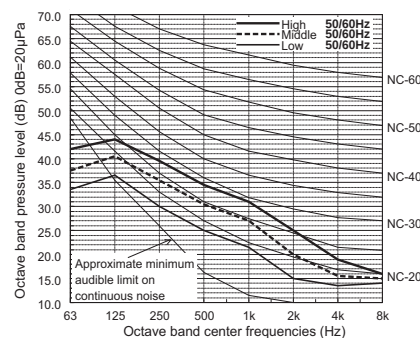
PEFY-P100VMA(L)-E

External Static Pressure: 35Pa
Power Source: 220-230-240V(50/60Hz)



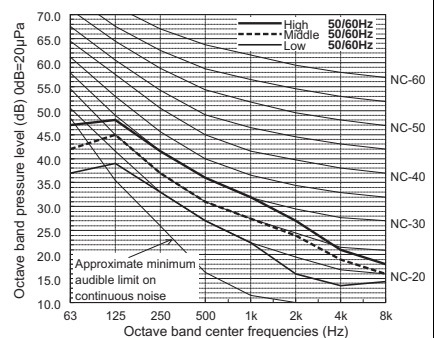
PEFY-P100VMA(L)-E

External Static Pressure: 50Pa
Power Source: 220-230-240V(50/60Hz)



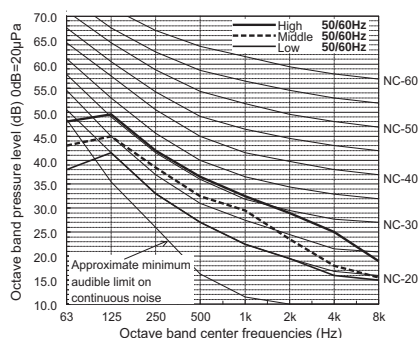
PEFY-P100VMA(L)-E

External Static Pressure: 70Pa
Power Source: 220-230-240V(50/60Hz)



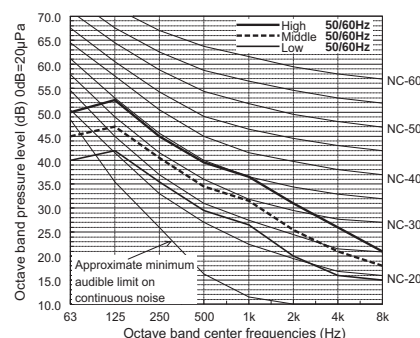
PEFY-P100VMA(L)-E

External Static Pressure: 100Pa
Power Source: 220-230-240V(50/60Hz)



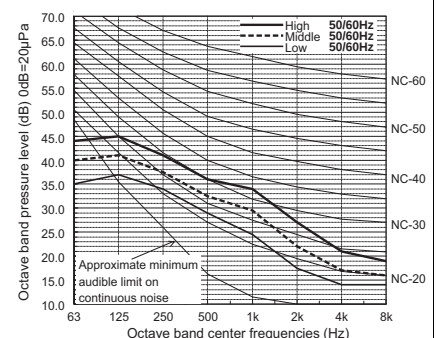
PEFY-P100VMA(L)-E

External Static Pressure: 150Pa
Power Source: 220-230-240V(50/60Hz)



PEFY-P125VMA(L)-E

External Static Pressure: 35Pa
Power Source: 220-230-240V(50/60Hz)

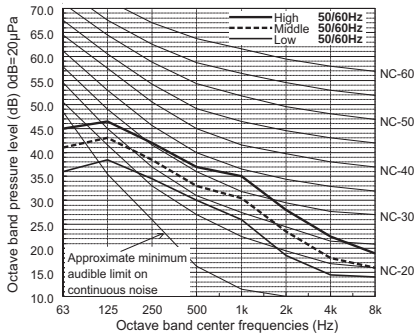


PEFY-VMA(L), VMA3

PEFY-VMA(L), VMA3

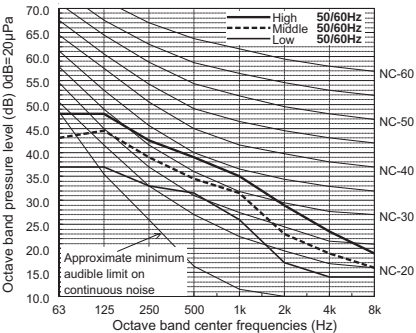
PEFY-P125VMA(L)-E

External Static Pressure: 50Pa
Power Source: 220-230-240V(50/60Hz)



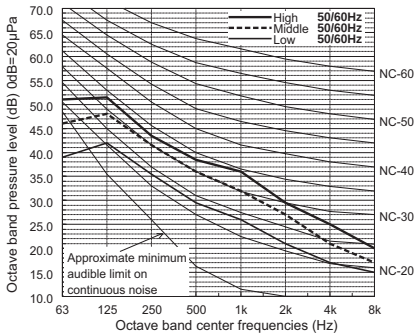
PEFY-P125VMA(L)-E

External Static Pressure: 70Pa
Power Source: 220-230-240V(50/60Hz)



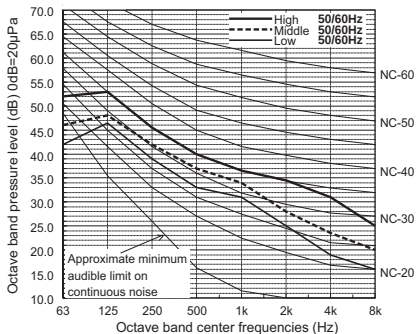
PEFY-P125VMA(L)-E

External Static Pressure: 100Pa
Power Source: 220-230-240V(50/60Hz)



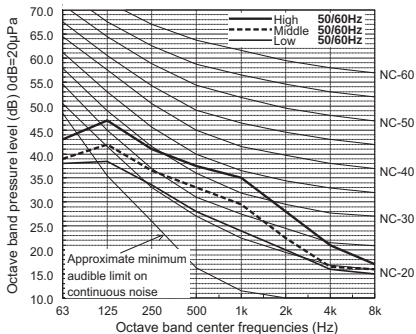
PEFY-P125VMA(L)-E

External Static Pressure: 150Pa
Power Source: 220-230-240V(50/60Hz)



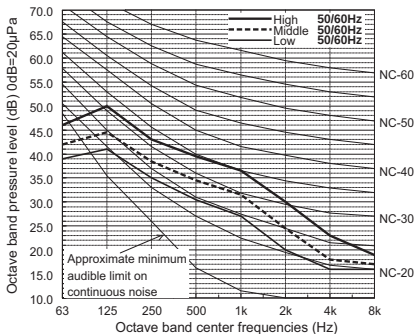
PEFY-P140VMA(L)-E

External Static Pressure: 35Pa
Power Source: 220-230-240V(50/60Hz)



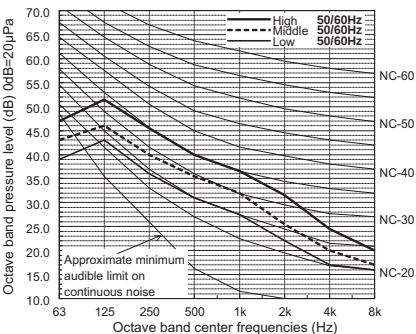
PEFY-P140VMA(L)-E

External Static Pressure: 50Pa
Power Source: 220-230-240V(50/60Hz)



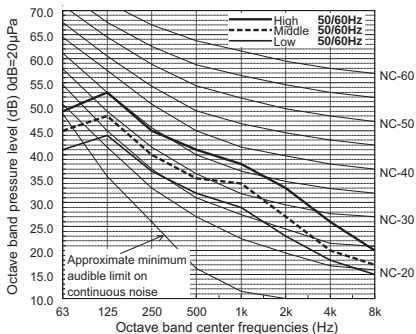
PEFY-P140VMA(L)-E

External Static Pressure: 70Pa
Power Source: 220-230-240V(50/60Hz)



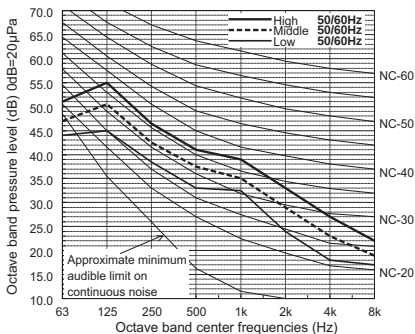
PEFY-P140VMA(L)-E

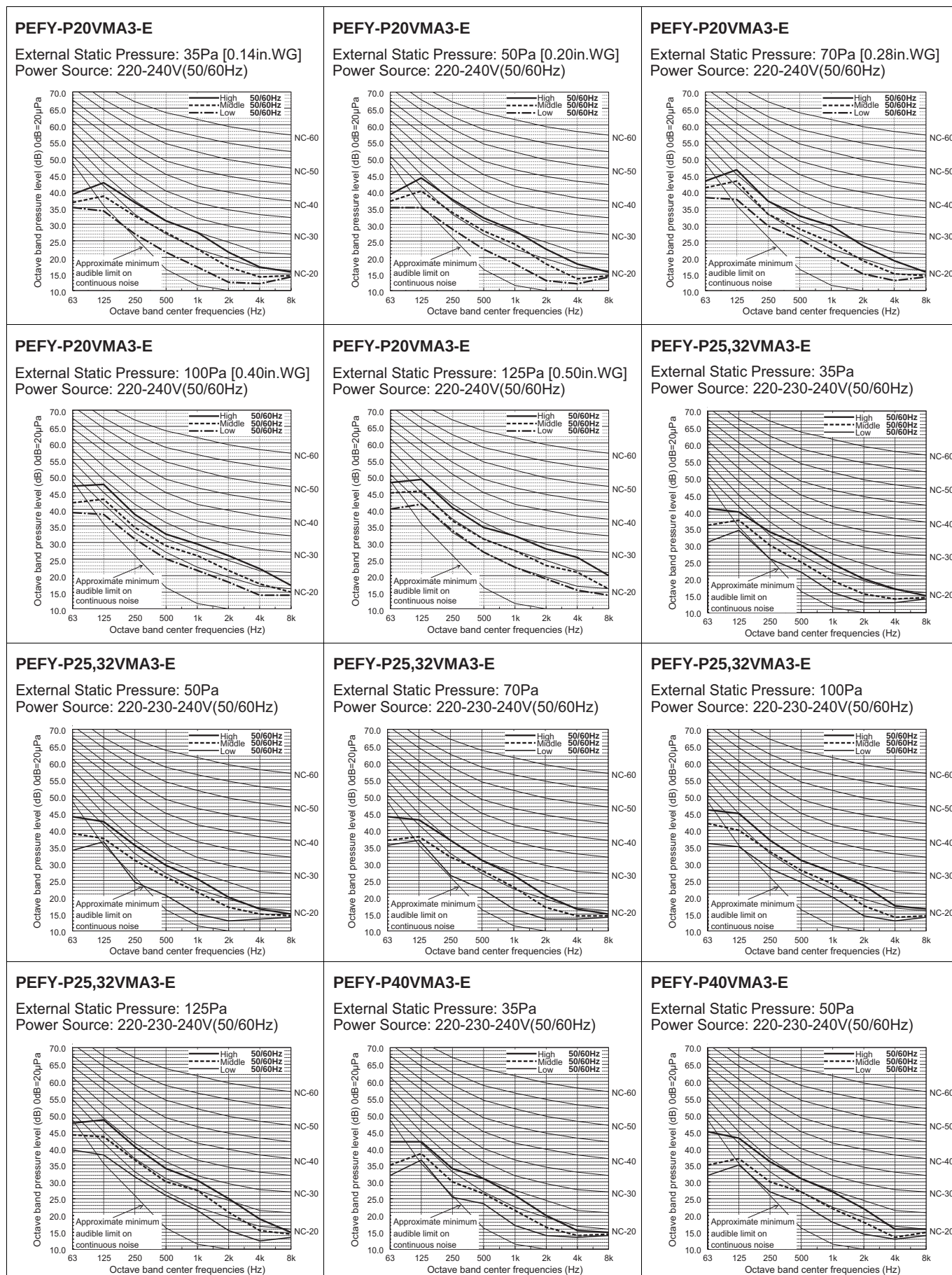
External Static Pressure: 100Pa
Power Source: 220-230-240V(50/60Hz)



PEFY-P140VMA(L)-E

External Static Pressure: 150Pa
Power Source: 220-230-240V(50/60Hz)

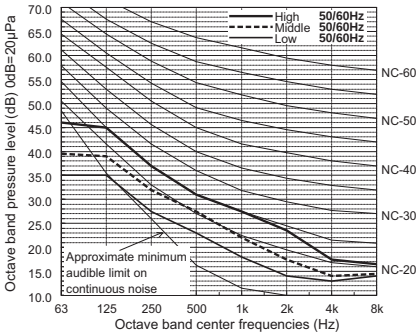




PEFY-VMA(L), VMA3

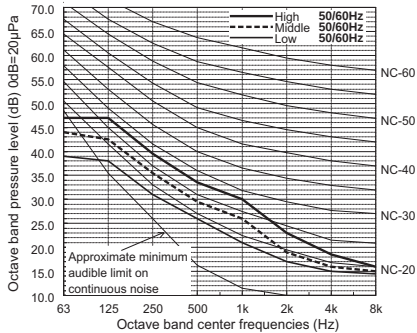
PEFY-P40VMA3-E

External Static Pressure: 70Pa
Power Source: 220-230-240V(50/60Hz)



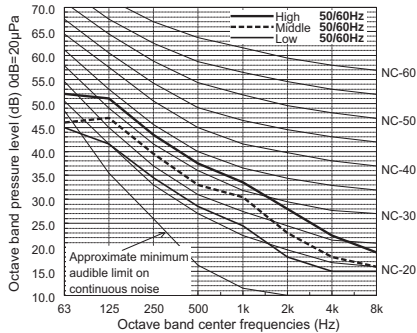
PEFY-P40VMA3-E

External Static Pressure: 100Pa
Power Source: 220-230-240V(50/60Hz)



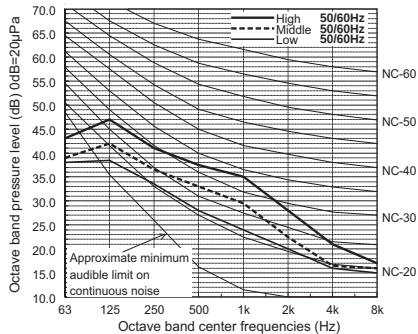
PEFY-P40VMA3-E

External Static Pressure: 125Pa
Power Source: 220-230-240V(50/60Hz)



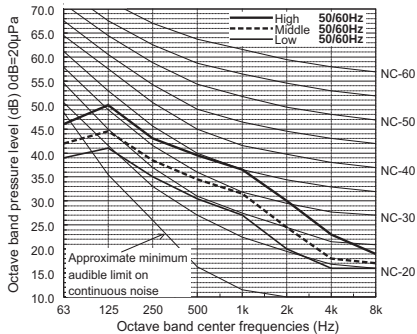
PEFY-P50,63,71,80,100,125VMA3-E

External Static Pressure: 35Pa
Power Source: 220-230-240V(50/60Hz)



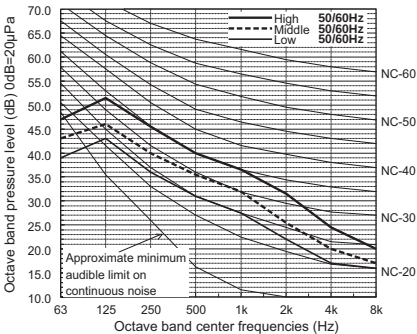
PEFY-P50,63,71,80,100,125VMA3-E

External Static Pressure: 50Pa
Power Source: 220-230-240V(50/60Hz)



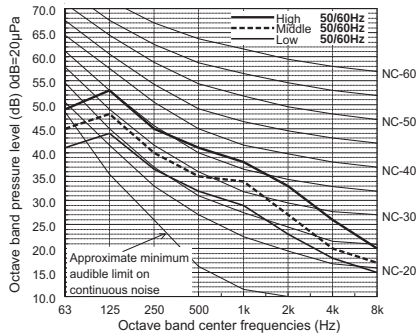
PEFY-P50,63,71,80,100,125VMA3-E

External Static Pressure: 70Pa
Power Source: 220-230-240V(50/60Hz)



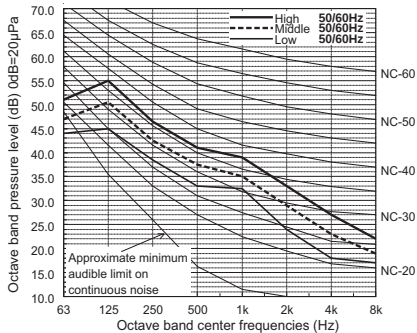
PEFY-P50,63,71,80,100,125VMA3-E

External Static Pressure: 100Pa
Power Source: 220-230-240V(50/60Hz)



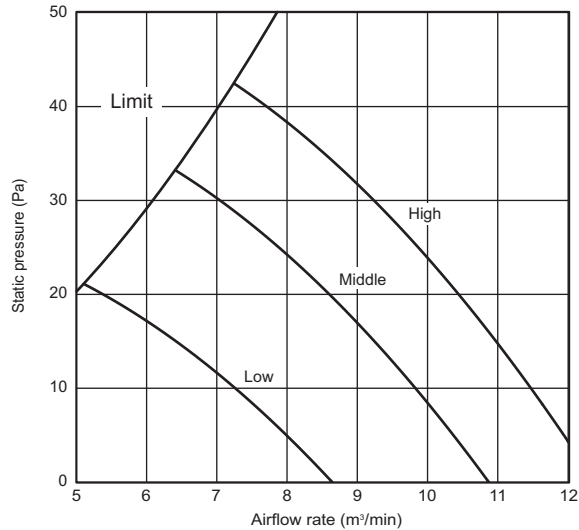
PEFY-P50,63,71,80,100,125VMA3-E

External Static Pressure: 125Pa
Power Source: 220-230-240V(50/60Hz)



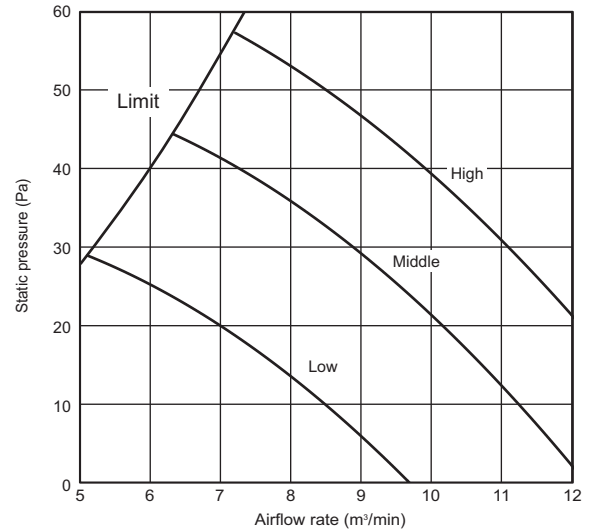
PEFY-P20,25VMA(L)-E

External static pressure : 35Pa
Power source : 220-240V



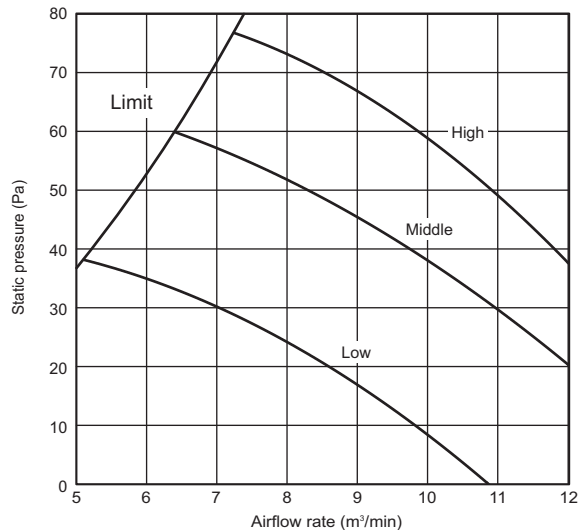
PEFY-P20,25VMA(L)-E

External static pressure : 50Pa
Power source : 220-240V



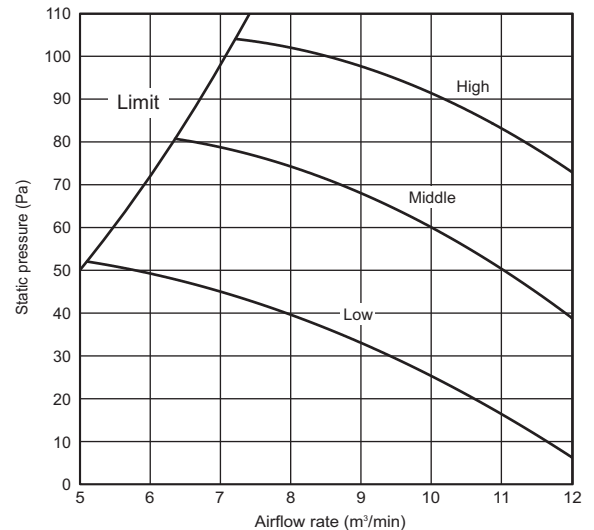
PEFY-P20,25VMA(L)-E

External static pressure : 70Pa
Power source : 220-240V



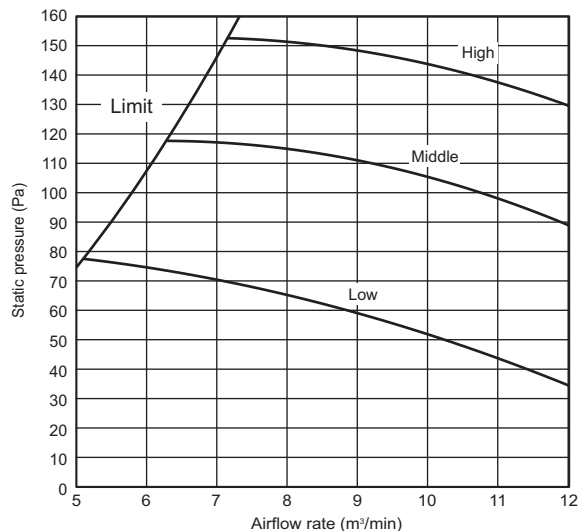
PEFY-P20,25VMA(L)-E

External static pressure : 100Pa
Power source : 220-240V



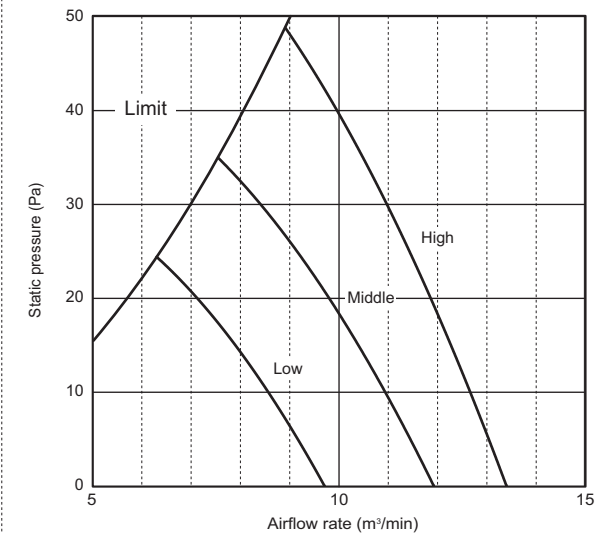
PEFY-P20,25VMA(L)-E

External static pressure : 150Pa
Power source : 220-240V

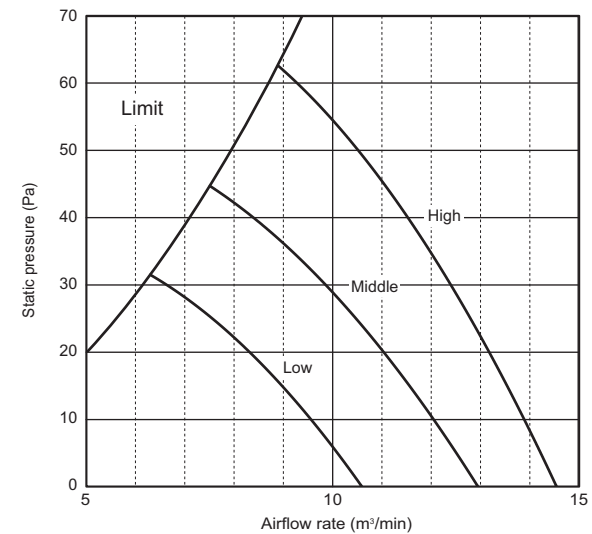


PEFY-VMA(L), VMA3

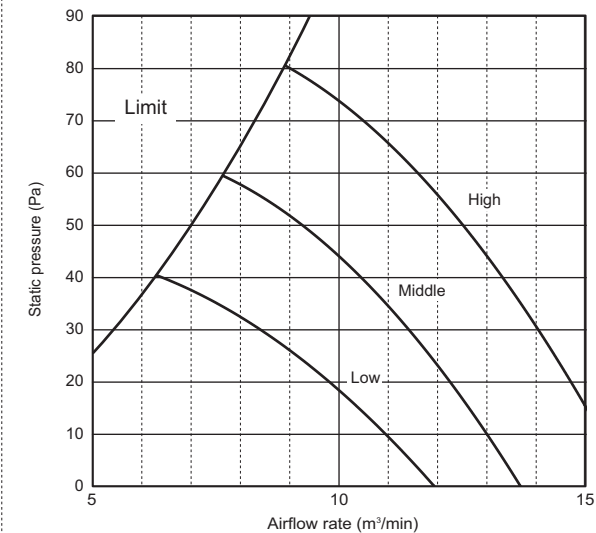
PEFY-P32VMA(L)-E
External static pressure : 35Pa
Power source : 220-240V



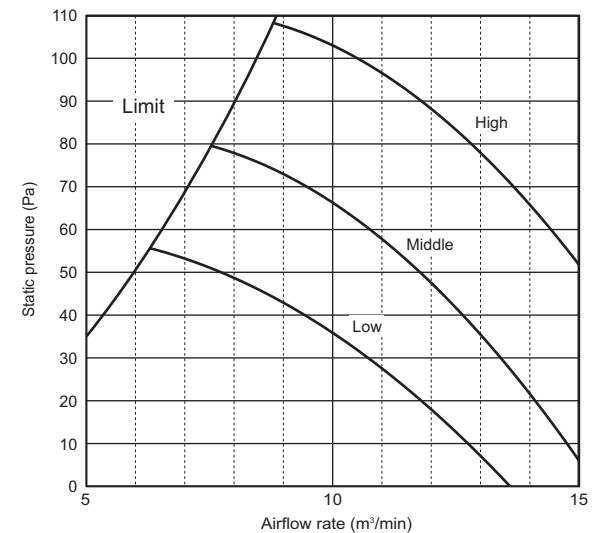
PEFY-P32VMA(L)-E
External static pressure : 50Pa
Power source : 220-240V



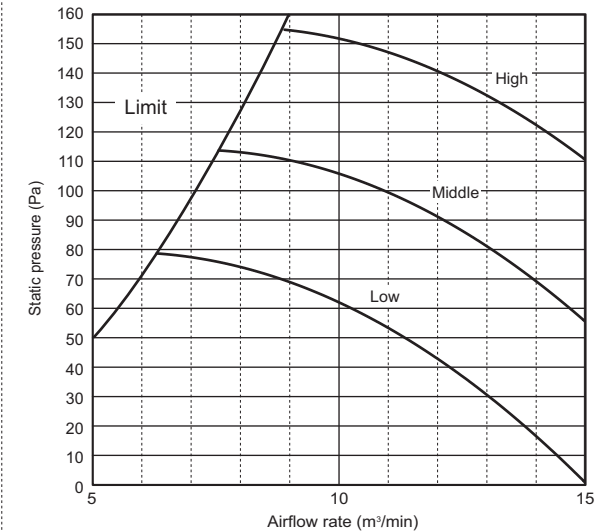
PEFY-P32VMA(L)-E
External static pressure : 70Pa
Power source : 220-240V



PEFY-P32VMA(L)-E
External static pressure : 100Pa
Power source : 220-240V



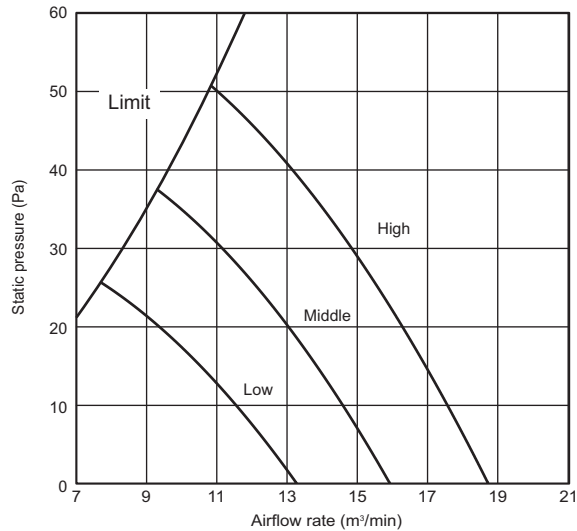
PEFY-P32VMA(L)-E
External static pressure : 150Pa
Power source : 220-240V



PEFY-P40VMA(L)-E

External static pressure : 35Pa

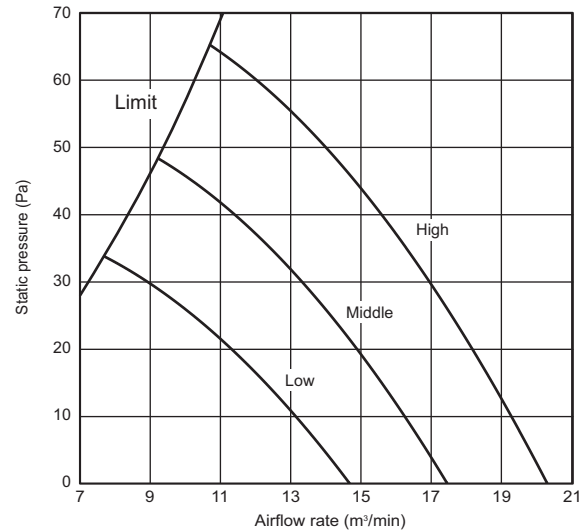
Power source : 220-240V



PEFY-P40VMA(L)-E

External static pressure : 50Pa

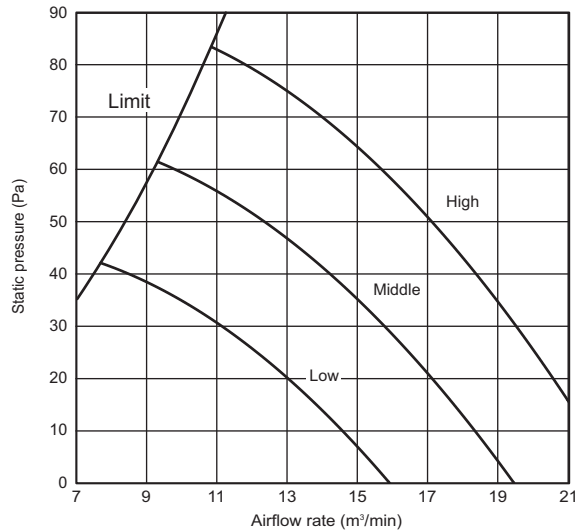
Power source : 220-240V



PEFY-P40VMA(L)-E

External static pressure : 70Pa

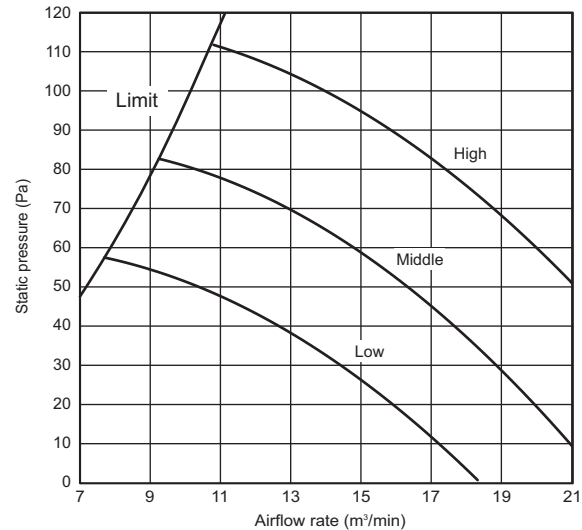
Power source : 220-240V



PEFY-P40VMA(L)-E

External static pressure : 100Pa

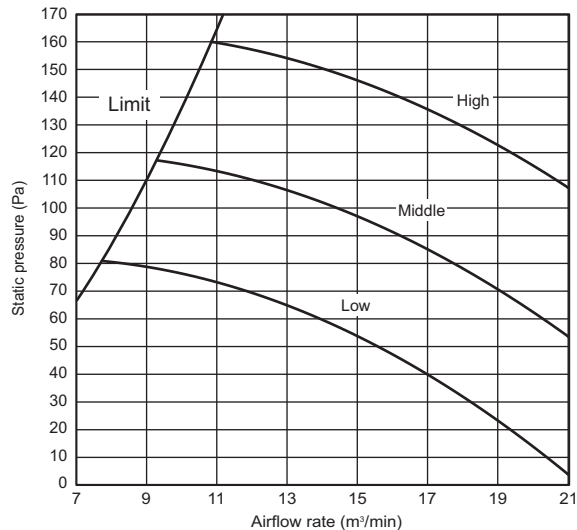
Power source : 220-240V



PEFY-P40VMA(L)-E

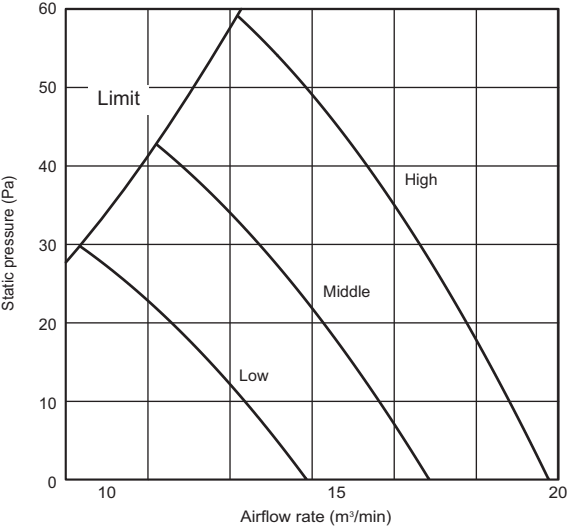
External static pressure : 150Pa

Power source : 220-240V

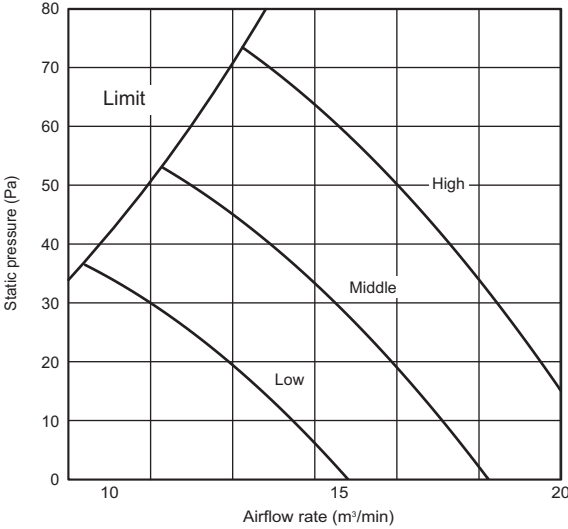


PEFY-VMA(L), VMA3

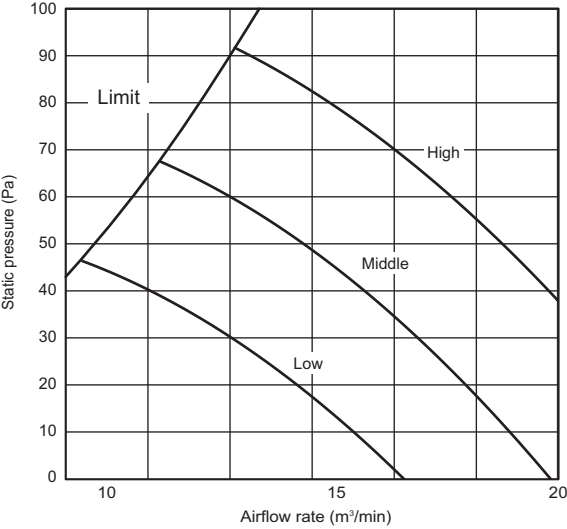
PEFY-P50VMA(L)-E
External static pressure : 35Pa
Power source : 220-240V



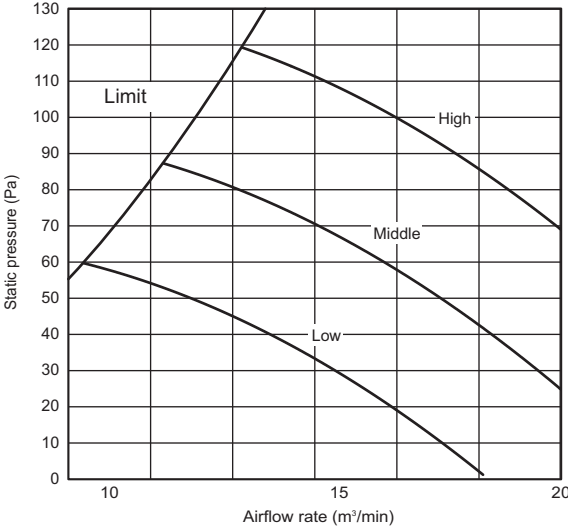
PEFY-P50VMA(L)-E
External static pressure : 50Pa
Power source : 220-240V



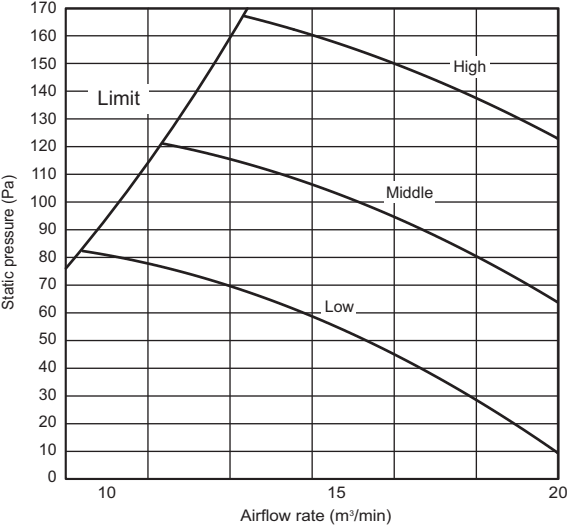
PEFY-P50VMA(L)-E
External static pressure : 70Pa
Power source : 220-240V



PEFY-P50VMA(L)-E
External static pressure : 100Pa
Power source : 220-240V

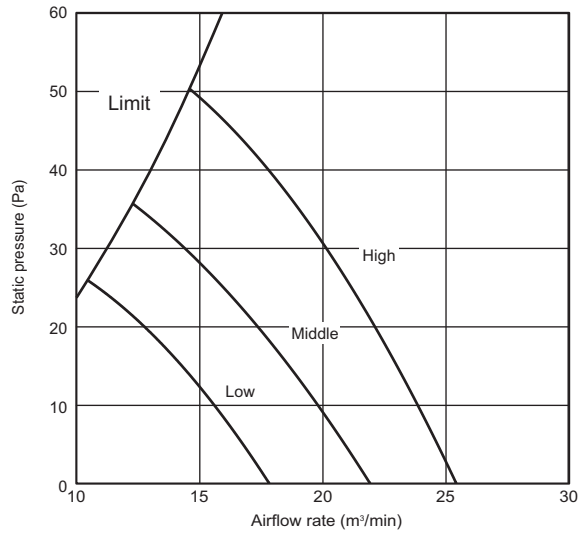


PEFY-P50VMA(L)-E
External static pressure : 150Pa
Power source : 220-240V



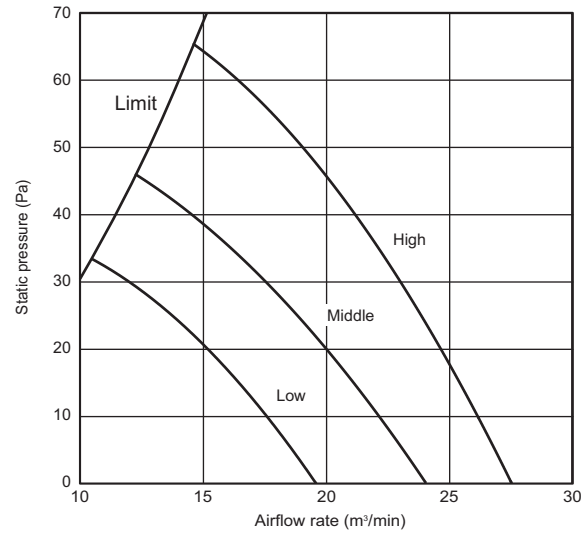
PEFY-P63VMA(L)-E

External static pressure : 35Pa
Power source : 220-240V



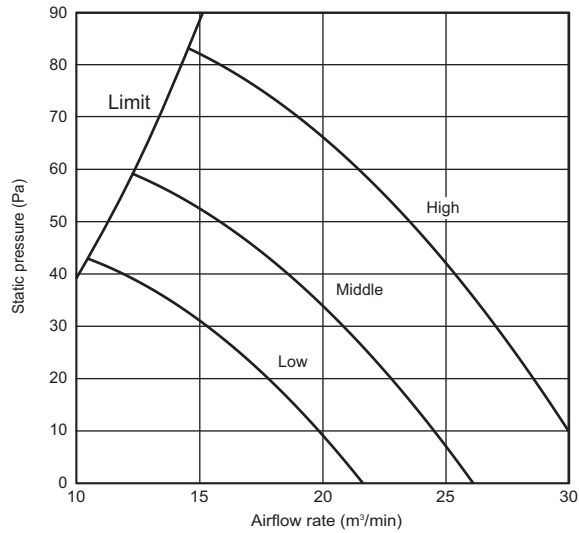
PEFY-P63VMA(L)-E

External static pressure : 50Pa
Power source : 220-240V



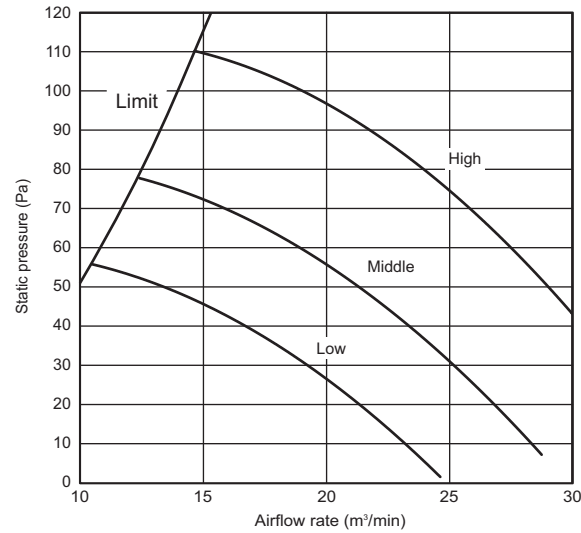
PEFY-P63VMA(L)-E

External static pressure : 70Pa
Power source : 220-240V



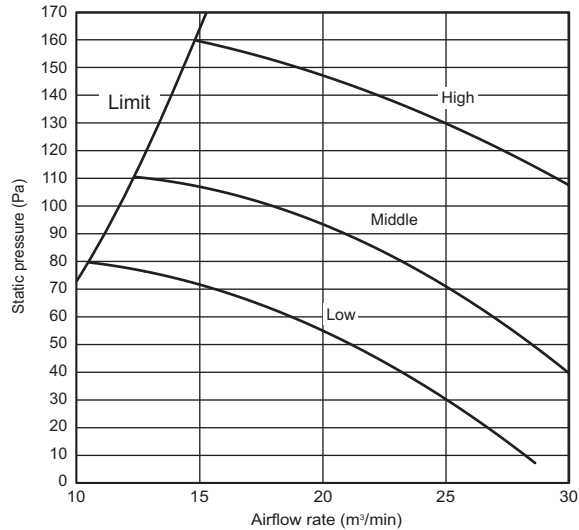
PEFY-P63VMA(L)-E

External static pressure : 100Pa
Power source : 220-240V



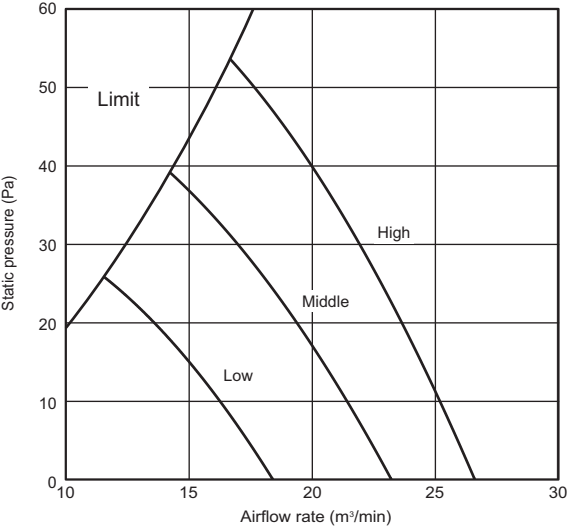
PEFY-P63VMA(L)-E

External static pressure : 150Pa
Power source : 220-240V

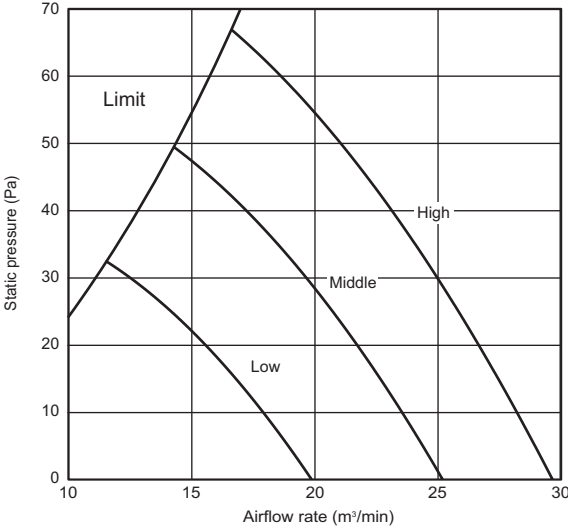


PEFY-VMA(L), VMA3

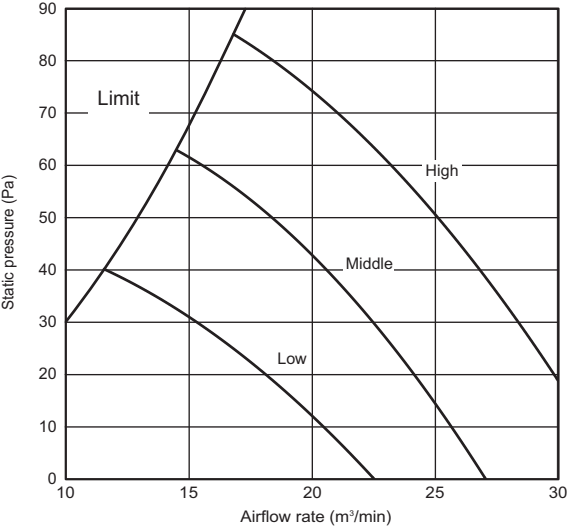
PEFY-P71,80VMA(L)-E
External static pressure : 35Pa
Power source : 220-240V



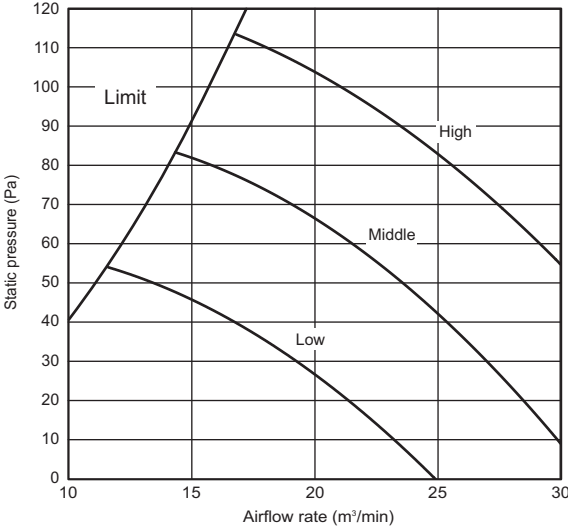
PEFY-P71,80VMA(L)-E
External static pressure : 50Pa
Power source : 220-240V



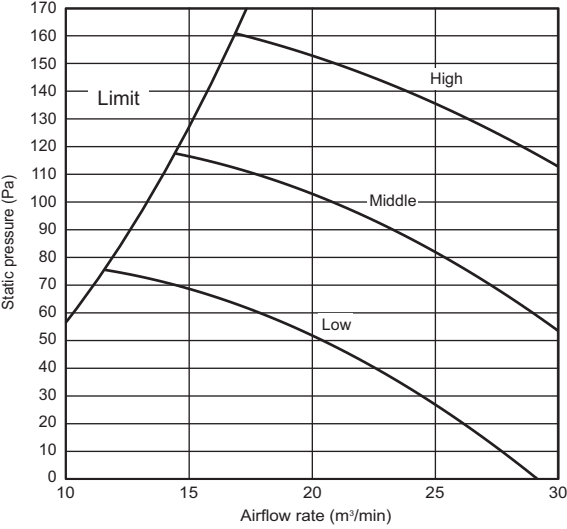
PEFY-P71,80VMA(L)-E
External static pressure : 70Pa
Power source : 220-240V



PEFY-P71,80VMA(L)-E
External static pressure : 100Pa
Power source : 220-240V



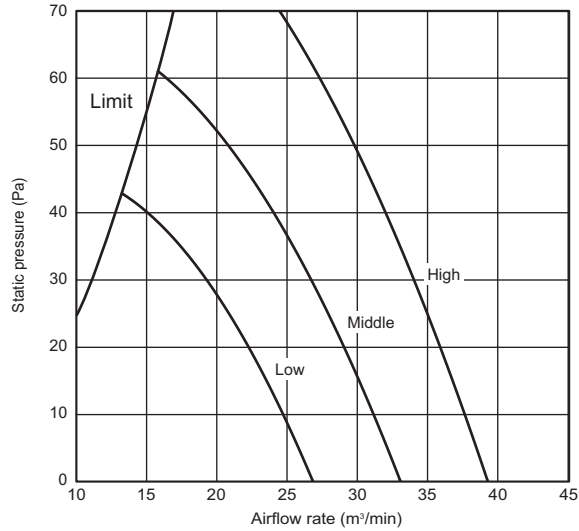
PEFY-P71,80VMA(L)-E
External static pressure : 150Pa
Power source : 220-240V



PEFY-P100VMA(L)-E

External static pressure : 35Pa

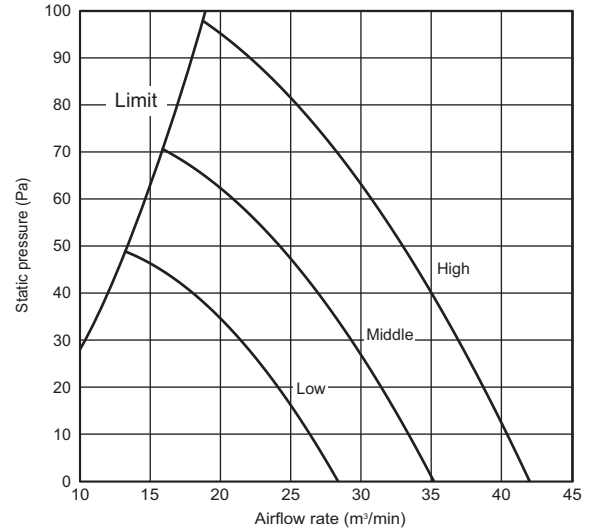
Power source : 220-240V



PEFY-P100VMA(L)-E

External static pressure : 50Pa

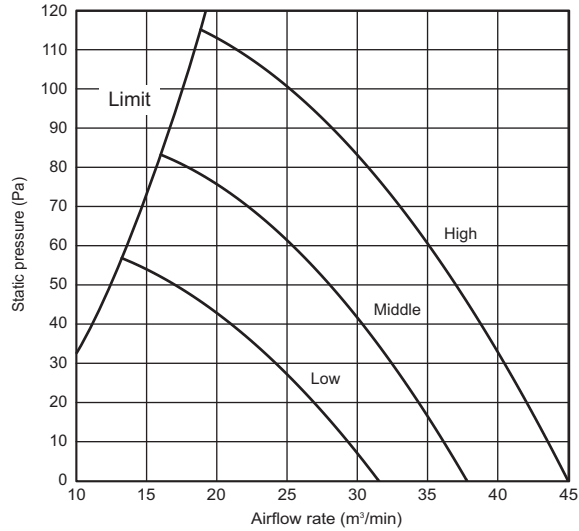
Power source : 220-240V



PEFY-P100VMA(L)-E

External static pressure : 70Pa

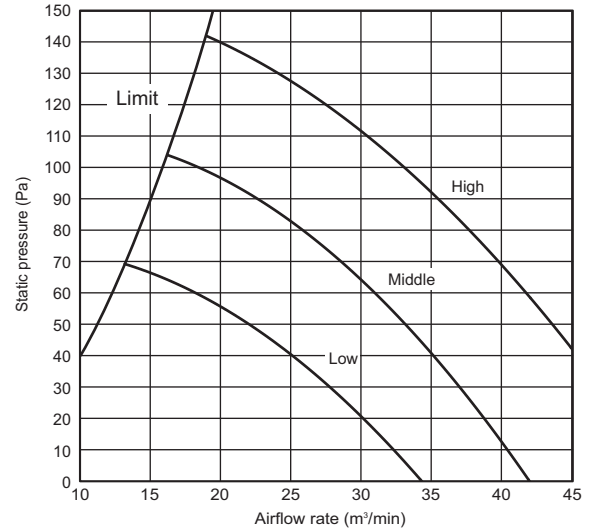
Power source : 220-240V



PEFY-P100VMA(L)-E

External static pressure : 100Pa

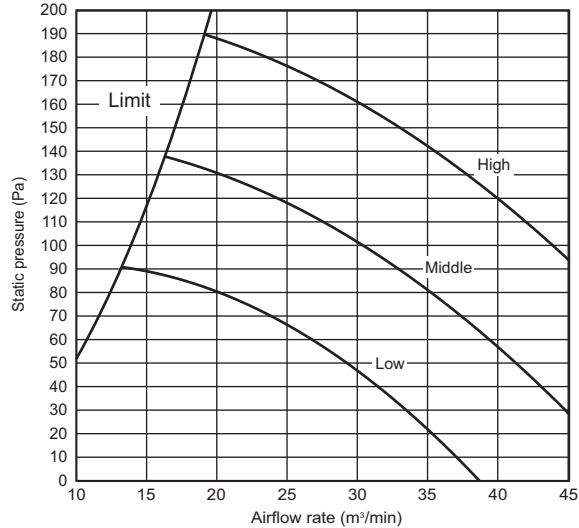
Power source : 220-240V



PEFY-P100VMA(L)-E

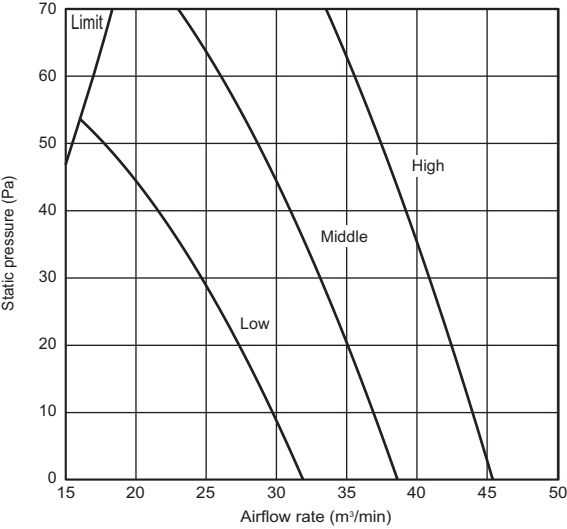
External static pressure : 150Pa

Power source : 220-240V

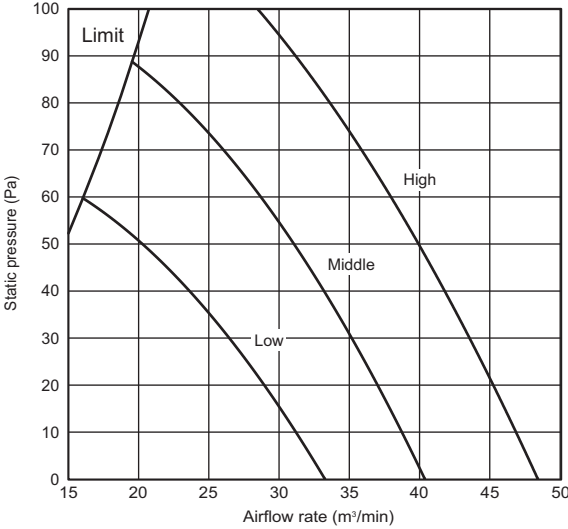


PEFY-VMA(L), VMA3

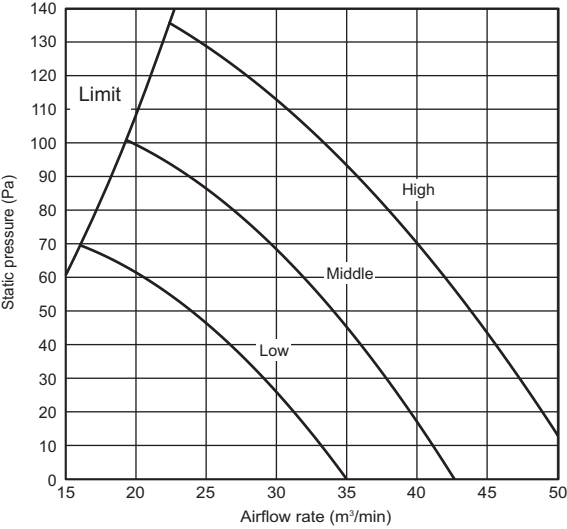
PEFY-P125VMA(L)-E
External static pressure : 35Pa
Power source : 220-240V



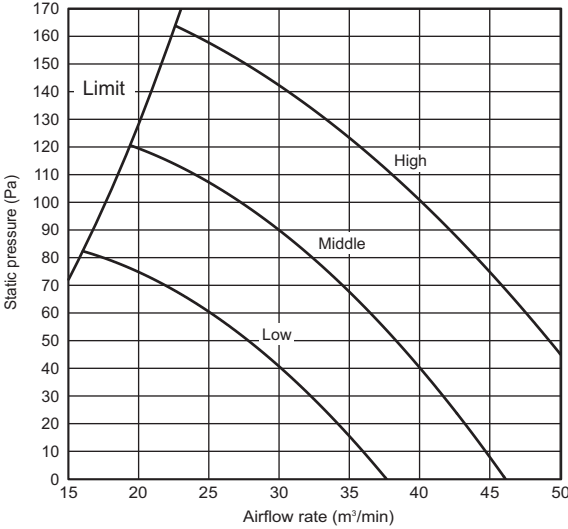
PEFY-P125VMA(L)-E
External static pressure : 50Pa
Power source : 220-240V



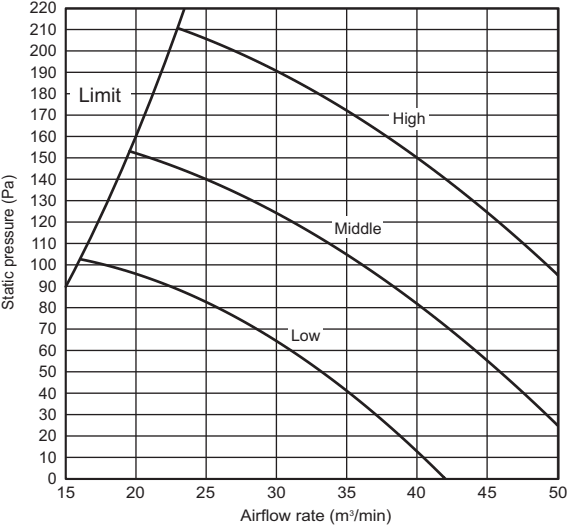
PEFY-P125VMA(L)-E
External static pressure : 70Pa
Power source : 220-240V



PEFY-P125VMA(L)-E
External static pressure : 100Pa
Power source : 220-240V

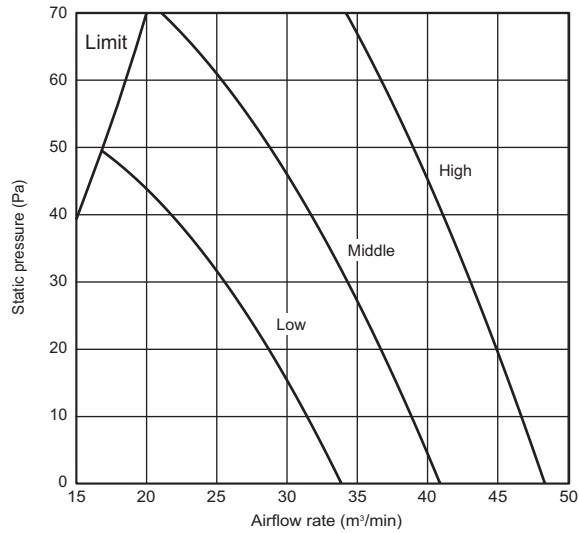


PEFY-P125VMA(L)-E
External static pressure : 150Pa
Power source : 220-240V



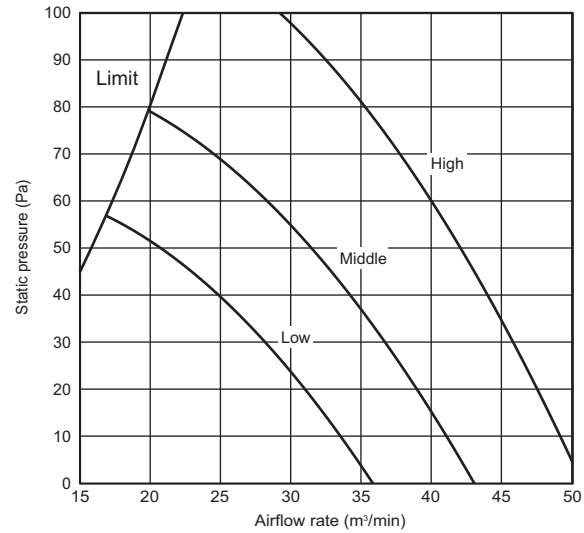
PEFY-P140VMA(L)-E

External static pressure : 35Pa
Power source : 220-240V



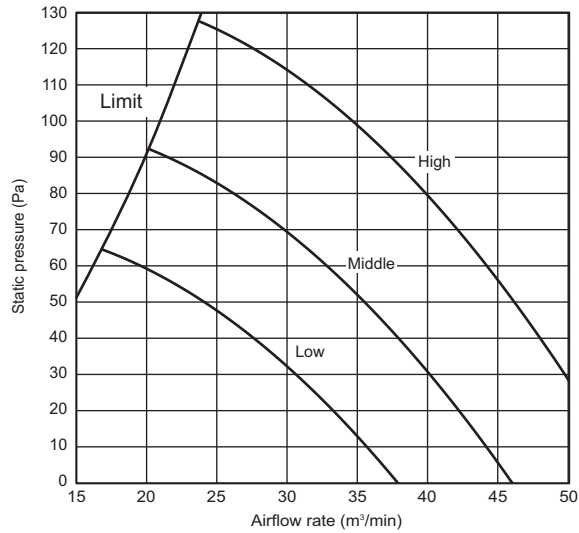
PEFY-P140VMA(L)-E

External static pressure : 50Pa
Power source : 220-240V



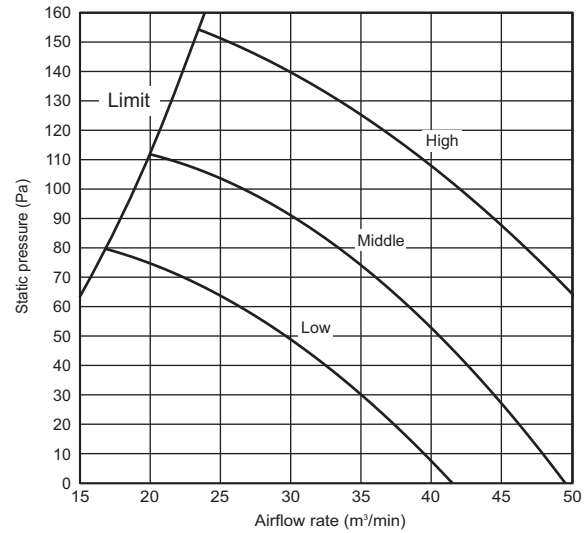
PEFY-P140VMA(L)-E

External static pressure : 70Pa
Power source : 220-240V



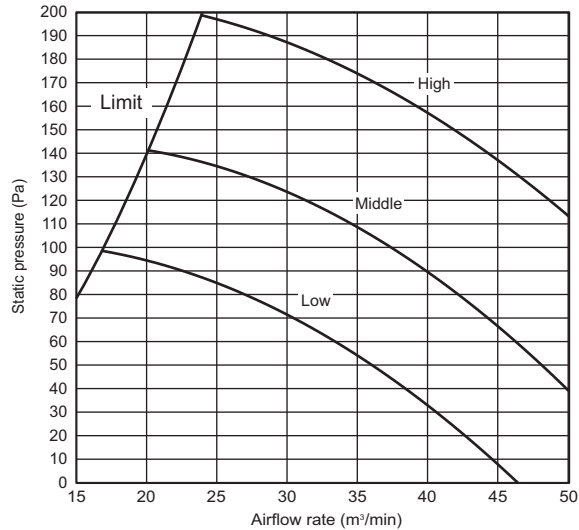
PEFY-P140VMA(L)-E

External static pressure : 100Pa
Power source : 220-240V



PEFY-P140VMA(L)-E

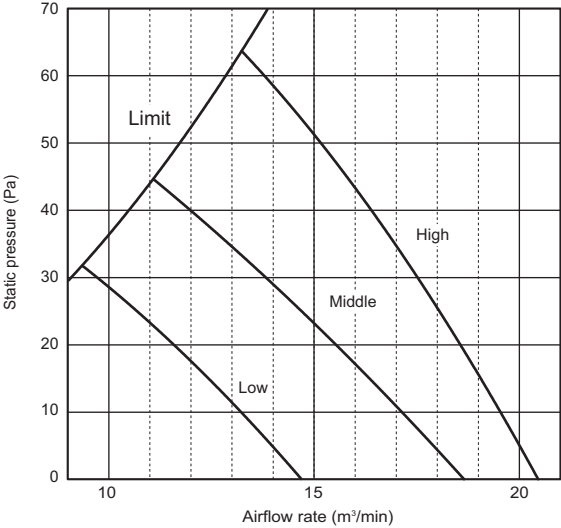
External static pressure : 150Pa
Power source : 220-240V



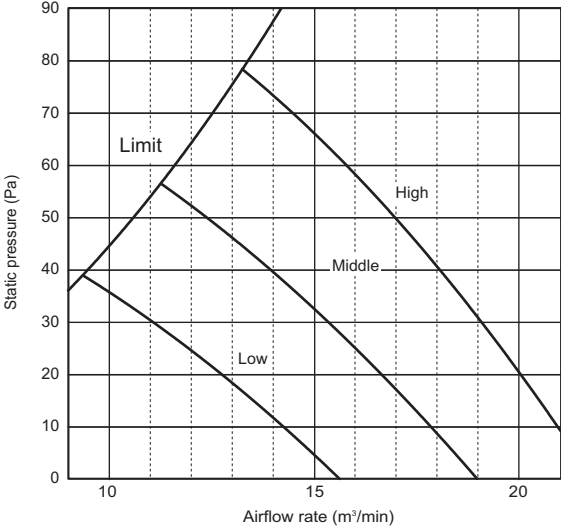
6. FAN CHARACTERISTICS CURVES

PEFY-VMA(L), VMA3

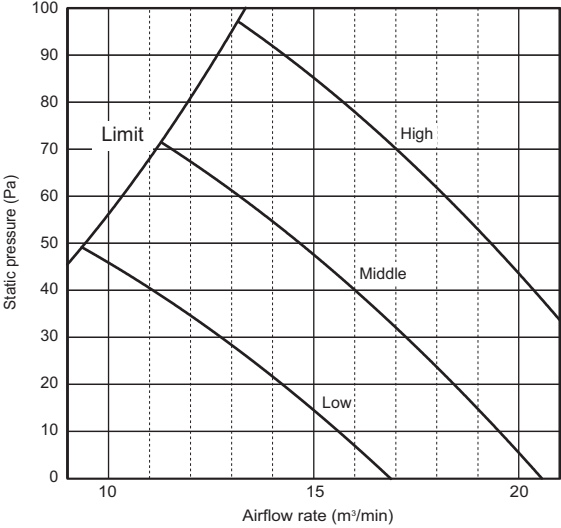
PEFY-P20VMA3-E
External static pressure : 35Pa
Power source : 220-240V



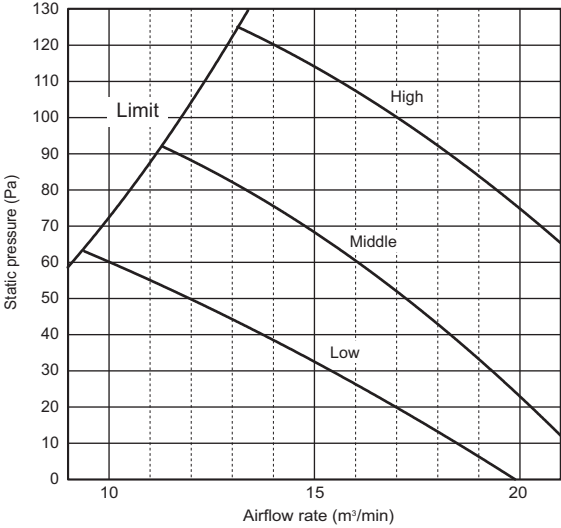
PEFY-P20VMA3-E
External static pressure : 50Pa
Power source : 220-240V



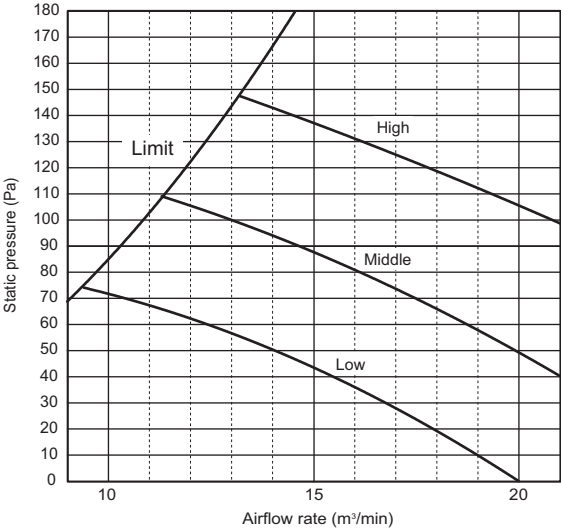
PEFY-P20VMA3-E
External static pressure : 70Pa
Power source : 220-240V



PEFY-P20VMA3-E
External static pressure : 100Pa
Power source : 220-240V

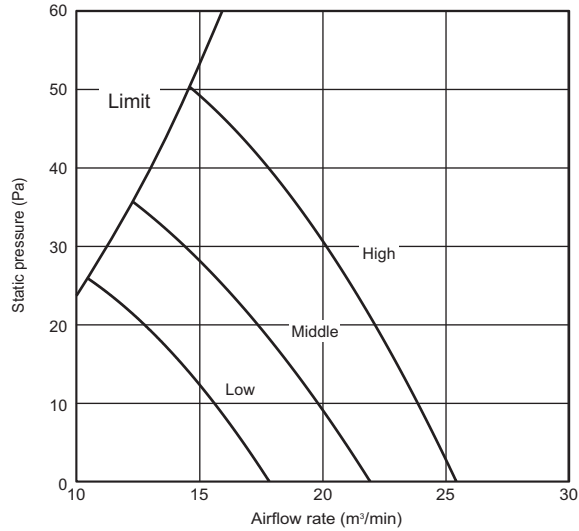


PEFY-P20VMA3-E
External static pressure : 125Pa
Power source : 220-240V



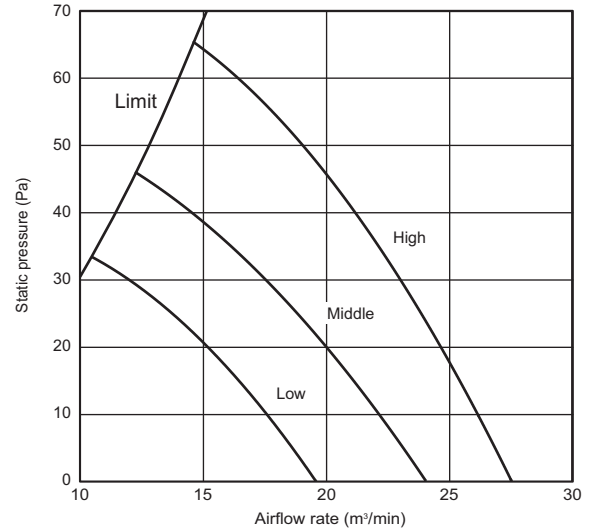
PEFY-P25,32VMA3-E

External static pressure : 35Pa
Power source : 220-240V



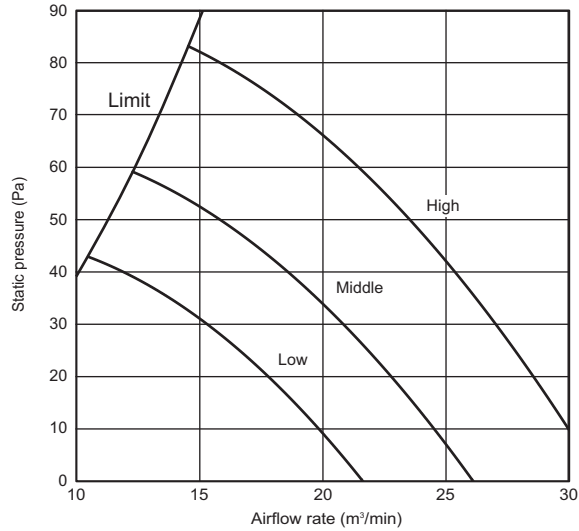
PEFY-P25,32VMA3-E

External static pressure : 50Pa
Power source : 220-240V



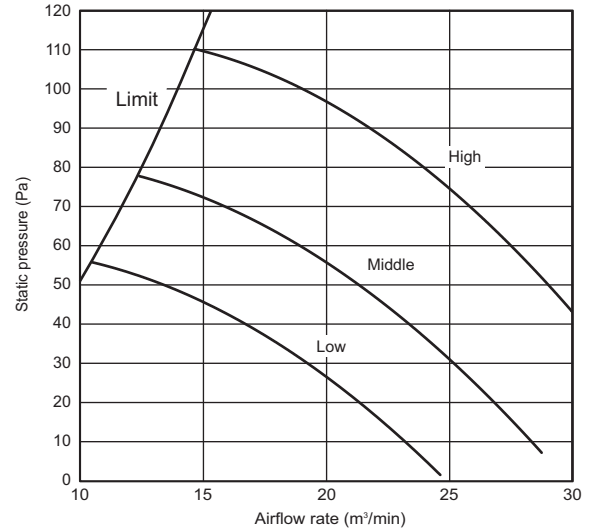
PEFY-P25,32VMA3-E

External static pressure : 70Pa
Power source : 220-240V



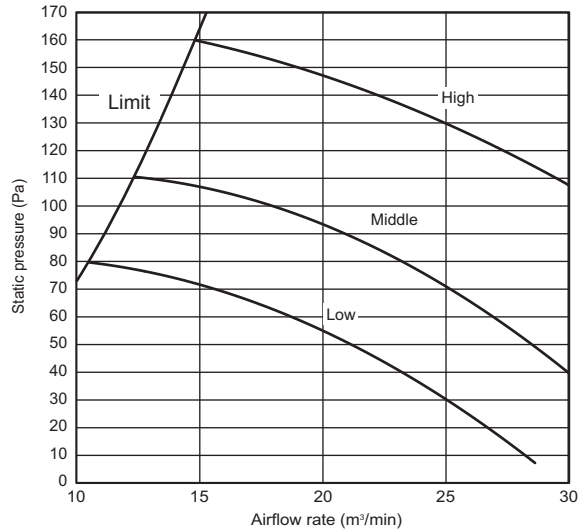
PEFY-P25,32VMA3-E

External static pressure : 100Pa
Power source : 220-240V



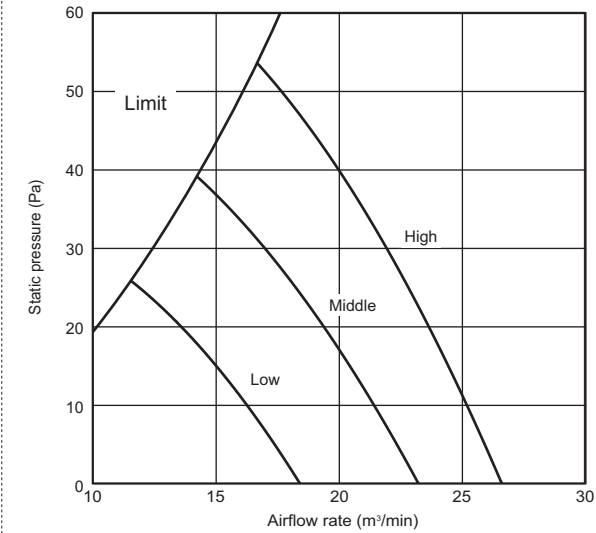
PEFY-P25,32VMA3-E

External static pressure : 125Pa
Power source : 220-240V

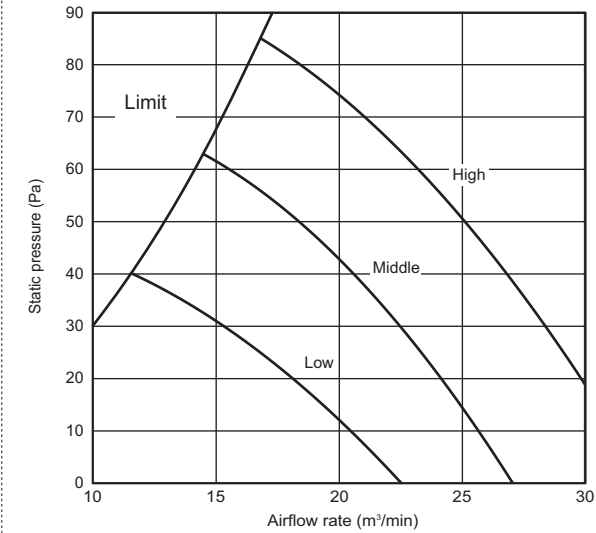


PEFY-VM(A)(L), VMA3

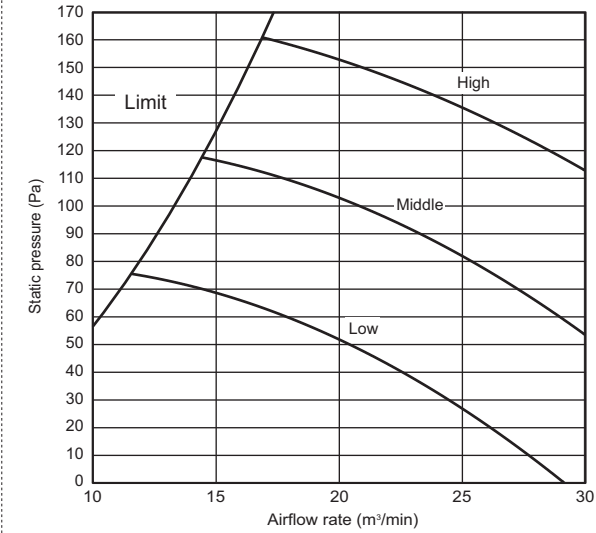
PEFY-P40VMA3-E
External static pressure : 35Pa
Power source : 220-240V



PEFY-P40VMA3-E
External static pressure : 70Pa
Power source : 220-240V



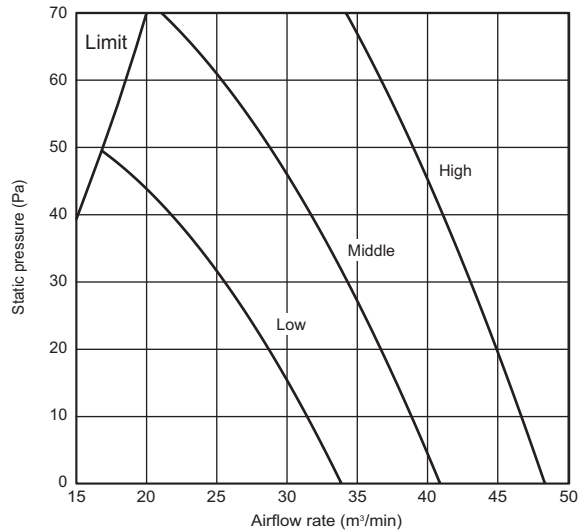
PEFY-P40VMA3-E
External static pressure : 125Pa
Power source : 220-240V



PEFY-P50,63,71,80,100,125VMA3-E

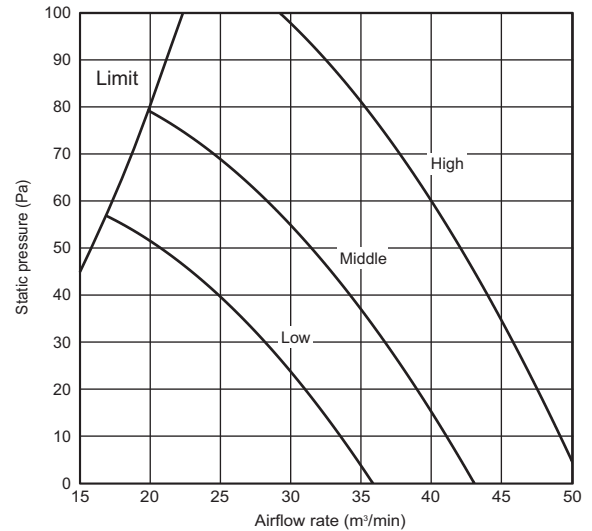
External static pressure : 35Pa

Power source : 220-240V

**PEFY-P50,63,71,80,100,125VMA3-E**

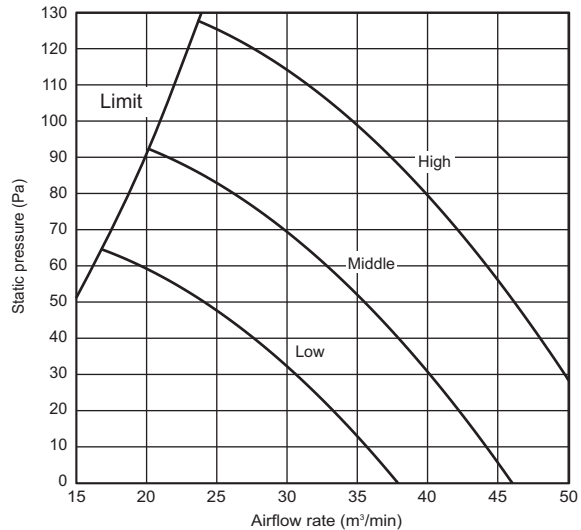
External static pressure : 50Pa

Power source : 220-240V

**PEFY-P50,63,71,80,100,125VMA3-E**

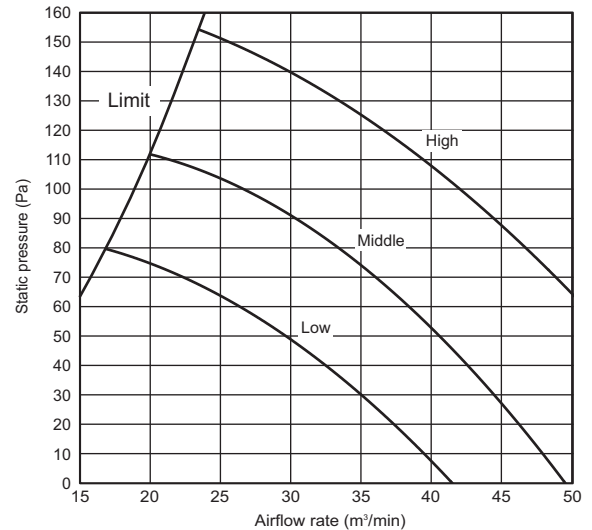
External static pressure : 70Pa

Power source : 220-240V

**PEFY-P50,63,71,80,100,125VMA3-E**

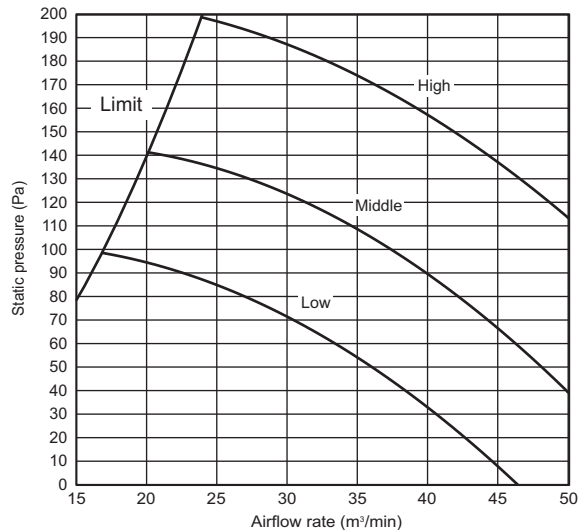
External static pressure : 100Pa

Power source : 220-240V

**PEFY-P50,63,71,80,100,125VMA3-E**

External static pressure : 125Pa

Power source : 220-240V

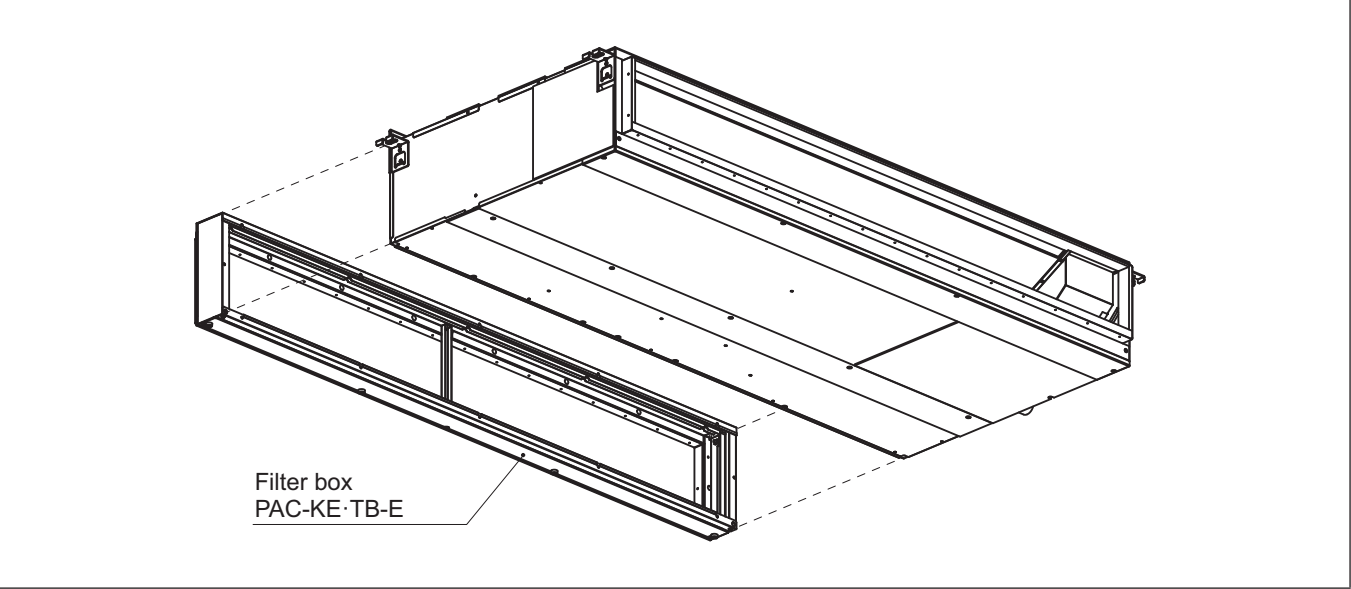


7-1. Optional parts line up for the Indoor unit

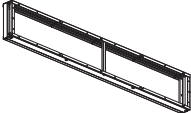
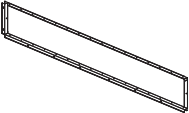
PEFY-VMA(L), VMA3

	Filter box
PEFY-P20, 25, 32VMA(L)-E	PAC-KE91TB-E
PEFY-P40, 50VMA(L)-E, P20VMA3-E	PAC-KE92TB-E
PEFY-P63, 71, 80VMA(L)-E, P25, 32, 40VMA3-E	PAC-KE93TB-E
PEFY-P100, 125VMA(L)-E	PAC-KE94TB-E
PEFY-P140VMA(L)-E, P50, 63, 71, 80, 100, 125VMA3-E	PAC-KE95TB-E

● PEFY-P-VMA(L)-E, VMA3-E



7-2. Filter box

PAC-KE-TB-E					
Item	1 Screw	2 Filter box	3 FLANGE	4 Installation manual	
Quantity	30	1	1	1	
Shape					

Detailed installation information should be referred to its Installation Manual.