PEFY-P-VMR-E-L/R
PEFY-P-VMS1(L)-E
PEFY-P-VMH-E

1. SPECIFICATIONS

Model			PEFY-P20VMR-E-L/R	PEFY-P25VMR-E-L/R	PEFY-P32VMR-E-L/R
Power source			1-phase 220-240V 50Hz / 220-230V 60Hz		
Cooling capacity (Nominal)	※1	kW	2.2	2.8	3.6
	※1	kcal / h	1,900	2,400	3,100
	※1	Btu / h	7,500	9,600	12,300
	※2	kcal / h	2,000	2,500	3,150
※4	Power input	kW	0.06 / 0.06	0.06 / 0.06	0.07 / 0.08
※4	Current input	A	0.29 / 0.29 (220V)	0.29 / 0.29 (220V)	0.34 / 0.38 (220V)
Heating capacity (Nominal)	※3	kW	2.5	3.2	4.0
	※3	kcal / h	2,200	2,800	3,400
	※3	Btu / h	8,500	10,900	13,600
※4	Power input	kW	0.06 / 0.06	0.06 / 0.06	0.07 / 0.08
※4	Current input	A	0.29 / 0.29 (220V)	0.29 / 0.29 (220V)	0.34 / 0.38 (220V)
External finish			Galvanized		
External dimension H x W x D		mm	292 x 640 x 580	292 x 640 x 580	292 x 640 x 580
		in.	11-1/2 x 25-1/4 x 22-7/8	11-1/2 x 25-1/4 x 22-7/8	11-1/2 x 25-1/4 x 22-7/8
Net weight		kg (lb)	18 (40)	18 (40)	18 (40)
Heat exchanger			Cross fin (Aluminum fin and copper tube)		
FAN	Type x Quantity		Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1
	External (220V)	Pa	5	5	5
	static press.	mmH_2O	0.5	0.5	0.5
	(230, 240V)	Pa	5	5	5
	※5	mmH_2O	0.5	0.5	0.5
	Motor type		1-phase induction motor		
	Motor output	kW	0.018	0.018	0.023
	Driving mechanism		Direct-driven by motor		
	Airflow rate	m^3 / min	4.8 - 5.8 - 7.9	4.8 - 5.8 - 7.9	4.8 - 5.8 - 9.3
	(Low-Mid-High)	L / s	80 - 97 - 132	80 - 97 - 132	80 - 97 - 155
		cfm	170 - 205 - 279	170 - 205 - 279	170 - 205 - 328
Sound pressure level (Low-Mid-High)		dB <A>	20 - 25 - 30 * (220V)	20 - 25 - 30 * (220V)	20 - 25 - 33 * (220V)
(measured in anechoic room)		dB <A>	21 - 26 - 32 * (230V)	21 - 26 - 32 * (230V)	21 - 26 - 35 * (230V)
	※4	dB <A>	22 - 27 - 30 * (240V)	22 - 27 - 30 * (240V)	22 - 27 - 33 * (240V)
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter			PP Honeycomb fabric (washable)		
Protection device			Fuse		
Refrigerant control device			LEV		
Connectable outdoor unit			R410A CITY MULTI		
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø6.35 (ø1/4) Brazed	ø6.35 (ø1/4) Brazed	ø6.35 (ø1/4) Brazed
	Gas (R410A)	mm (in.)	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed
Field drain pipe size		mm (in.)	O.D. 26mm (1)		
Drawing	External		IU-KB94-C854	IU-KB94-C854	IU-KB94-C854
	Wiring		IU-KB94-C858	IU-KB94-C858	IU-KB94-C858
	Refrigerant cycle		-	-	-
Standard attachment	Document		Installation Manual, Instruction Book		
	Accessory		Drain hose I.D. 26mm (1) (flexible joint)		
Remark			* Above sound pressure level is tested in rear air inlet case. It will be a little higher in bottom air inlet case.		
	Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.		

Note :

※1 Nominal cooling conditions
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)

※2 Nominal cooling conditions
27˚CDB/19.5˚CWB (81˚FDB/67˚FWB)
35˚CDB (95˚FDB)
5 m (16-3/8 ft)
0 m (0 ft)

※3 Nominal heating conditions
20˚CDB (68˚FDB)
7˚CDB/6˚CWB (45˚FDB/43˚FWB)
7.5 m (24-9/16 ft)
0 m (0 ft)

* Nominal conditions ※1, ※3 are subject to JIS B8615-1.
* Due to continuing improvement, above specification may be subject to change without notice.

※4 The values are measured at the rated external static pressure.
※5 The figure in < > indicates the value when external static pressure is changed.

Unit converter

kcal/h = kW x 860
Btu/h = kW x 3,412
cfm = m^3/min x 35.31
lb = kg / 0.4536

*Above specification data is subject to rounding variation.

Ref.: Spec_PEFY-P-VMR-E-L/R

1. SPECIFICATIONS

Model			PEFY-P15VMS1(L)-E	PEFY-P20VMS1(L)-E	PEFY-P25VMS1(L)-E	PEFY-P32VMS1(L)-E
Power source			220-240V (50/60Hz)			
Cooling capacity (Nominal)	※1	kW	1.7	2.2	2.8	3.6
	※1	kcal / h	1,450	1,900	2,400	3,100
	※1	Btu / h	5,800	7,500	9,600	12,300
	※2	kcal / h	1,500	2,000	2,500	3,150
※4	Power input	kW	0.05<0.03>	0.05<0.03>	0.06<0.04>	0.07<0.05>
※4	Current input	A	0.42<0.31>	0.47<0.36>	0.50<0.39>	0.50<0.39>
Heating capacity (Nominal)	※3	kW	1.9	2.5	3.2	4.0
	※3	kcal / h	1,600	2,200	2,800	3,400
	※3	Btu / h	6,500	8,500	10,900	13,600
※4	Power input	kW	0.03<0.03>	0.03<0.03>	0.04<0.04>	0.05<0.05>
※4	Current input	A	0.31<0.31>	0.36<0.36>	0.39<0.39>	0.39<0.39>
External finish			Galvanized			
External dimension H x W x D		mm	200 x 790 x 700	200 x 790 x 700	200 x 790 x 700	200 x 790 x 700
		in.	7-7/8 x 31-1/8 x 27-9/16	7-7/8 x 31-1/8 x 27-9/16	7-7/8 x 31-1/8 x 27-9/16	7-7/8 x 31-1/8 x 27-9/16
Net weight		kg (lb)	19(42)<18(40)>	19(42)<18(40)>	19(42)<18(40)>	20(44)<19(42)>
Heat exchanger			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
	External static press. (220V)	Pa	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>
		mmH_2O	<0.5> - 1.5 - <3.6> - <5.1>	<0.5> - 1.5 - <3.6> - <5.1>	<0.5> - 1.5 - <3.6> - <5.1>	<0.5> - 1.5 - <3.6> - <5.1>
	(230, 240V)	Pa	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>
	※5	mmH_2O	<0.5> - 1.5 - <3.6> - <5.1>	<0.5> - 1.5 - <3.6> - <5.1>	<0.5> - 1.5 - <3.6> - <5.1>	<0.5> - 1.5 - <3.6> - <5.1>
	Motor type		DC brushless motor			
	Motor output	kW	0.096	0.096	0.096	0.096
	Driving mechanism		Direct-driven			
	Airflow rate (Low-Mid-High)	m^3 / min	5 - 6 - 7	5.5 - 6.5 - 8	5.5 - 7 - 9	6 - 8 - 10
		L / s	83 - 100 - 117	91 - 108 - 133	91 - 117 - 150	100 - 133 - 167
		cfm	176 - 212 - 247	194 - 229 - 282	194 - 247 - 317	212 - 282 - 353
Sound pressure level (Low-Mid-High) (measured in anechoic room) ※4		dB <A>	22 - 24 - 28(15Pa,220-240V)	23 - 25 - 29(15Pa,220-240V)	24 - 26 - 30(15Pa,220-240V)	24 - 27 - 32(15Pa,220-240V)
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam			
Air filter			PP Honeycomb fabric (washable)			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			PURY-P-Y(S)JM-A, PUHY-P-Y(S)JM-A PUMY-P100~140VHMB, PUMY-P100~140YHMB PQRY-P-Y(S)HM-A, PQHY-P-Y(S)HM-A	R410A CITY MULTI		
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø6.35 (ø1/4) Brazed	ø6.35 (ø1/4) Brazed	ø6.35 (ø1/4) Brazed	ø6.35 (ø1/4) Brazed
	Gas (R410A)	mm (in.)	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed
Field drain pipe size		mm (in.)	O.D. 32mm (1-1/4)			
Drawing	External		IU-KB94-G728<IU-KB94-G731>	IU-KB94-G728<IU-KB94-G731>	IU-KB94-G728<IU-KB94-G731>	IU-KB94-G728<IU-KB94-G731>
	Wiring		IU-KB94-G668	IU-KB94-G668	IU-KB94-G668	IU-KB94-G668
	Refrigerant cycle		-	-	-	-
Standard attachment	Document		Installation Manual, Instruction Book			
	Accessory		Drain hose (flexible joint)			
Remark	Optional parts					
	Drain pump		<PAC-KE07DM-E>	<PAC-KE07DM-E>	<PAC-KE07DM-E>	<PAC-KE07DM-E>
	Control Box Replace kit		<PAC-KE70HS-E>	<PAC-KE70HS-E>	<PAC-KE70HS-E>	<PAC-KE70HS-E>
	Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.			

Note :

※1 Nominal cooling conditions
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)

※2 Nominal cooling conditions
27˚CDB/19.5˚CWB (81˚FDB/67˚FWB)
35˚CDB (95˚FDB)
5 m (16-3/8 ft)
0 m (0 ft)

※3 Nominal heating conditions
20˚CDB (68˚FDB)
7˚CDB/6˚CWB (45˚FDB/43˚FWB)
7.5 m (24-9/16 ft)
0 m (0 ft)

* Nominal conditions ※1, ※3 are subject to JIS B8615-1.
* Due to continuing improvement, above specification may be subject to change without notice.
* The external static pressure is set to 15 Pa at factory shipment.
* < > is in case of PEFY-P-VMS1L-E model.

※4 The values are measured at the rated external static pressure.
※5 The figure in < > indicates the value when external static pressure is changed.

Unit converter

kcal/h = kW x 860
Btu/h = kW x 3,412
cfm = m^3/min x 35.31
lb = kg / 0.4536

*Above specification data is subject to rounding variation.

Ref.: Spec_PEFY-P-VMS-E_1

1. SPECIFICATIONS

Model				PEFY-P40VMS1(L)-E	PEFY-P50VMS1(L)-E	PEFY-P63VMS1(L)-E	
Power source				220-240V (50/60Hz)			
Cooling capacity (Nominal)		※1	kW	4.5	5.6	7.1	
		※1	kcal / h	3,900	4,800	6,100	
		※1	Btu / h	15,400	19,100	24,200	
		※2	kcal / h	4,000	5,000	6,300	
	※4	Power input	kW	0.07<0.05>	0.09<0.07>	0.09<0.07>	
	※4	Current input	A	0.56<0.45>	0.67<0.56>	0.72<0.61>	
Heating capacity (Nominal)		※3	kW	5.0	6.3	8.0	
		※3	kcal / h	4,300	5,400	6,900	
		※3	Btu / h	17,100	21,500	27,300	
	※4	Power input	kW	0.05<0.05>	0.07<0.07>	0.07<0.07>	
	※4	Current input	A	0.45<0.45>	0.56<0.56>	0.61<0.61>	
External finish				Galvanized			
External dimension H x W x D			mm	200 x 990 x 700	200 x 990 x 700	200 x 1190 x 700	
			in.	7-7/8 x 39 x 27-9/16	7-7/8 x 39 x 27-9/16	7-7/8 x 46-7/8 x 27-9/16	
Net weight			kg (lb)	24(53)<23(51)>	24(53)<23(51)>	28(62)<27(60)>	
Heat exchanger				Cross fin (Aluminum fin and copper tube)			
FAN	Type x Quantity			Sirocco fan x 3	Sirocco fan x 3	Sirocco fan x 4	
	External static press.	(220V)	Pa	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	
			mmH_2O	<0.5> - 1.5 - <3.6> - <5.1>	<0.5> - 1.5 - <3.6> - <5.1>	<0.5> - 1.5 - <3.6> - <5.1>	
		(230, 240V) ※5	Pa	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	
			mmH_2O	<0.5> - 1.5 - <3.6> - <5.1>	<0.5> - 1.5 - <3.6> - <5.1>	<0.5> - 1.5 - <3.6> - <5.1>	
	Motor type			DC brushless motor			
	Motor output		kW	0.096	0.096	0.096	
	Driving mechanism			Direct-driven			
	Airflow rate (Low-Mid-High)		m^3 / min	8 - 9.5 - 11	9.5 - 11 - 13	12 - 14 - 16.5	
			L / s	133 - 158 - 183	158 - 183 - 217	200 - 233 - 275	
			cfm	282 - 335 - 388	335 - 388 - 459	424 - 494 - 583	
Sound pressure level (Low-Mid-High) (measured in anechoic room) ※4			dB <A>	28 - 30 - 33 (15Pa,220-240V)	30 - 32 - 35 (15Pa,220-240V)	30 - 33 - 36 (15Pa,220-240V)	
Insulation material				Polystyrene foam, Polyethylene foam, Urethane foam			
Air filter				PP Honeycomb fabric (washable)			
Protection device				Fuse			
Refrigerant control device				LEV			
Connectable outdoor unit				R410A CITY MULTI			
Diameter of refrigerant pipe	Liquid (R410A)		mm (in.)	ø6.35 (ø1/4) Brazed	ø6.35 (ø1/4) Brazed	ø9.52 (ø3/8) Brazed	
	Gas (R410A)		mm (in.)	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø15.88 (ø5/8) Brazed	
Field drain pipe size			mm (in.)	O.D. 32mm (1-1/4)			
Drawing	External			IU-KB94-G728(IU-KB94-G731)	IU-KB94-G728(IU-KB94-G731)	IU-KB94-G728(IU-KB94-G731)	
	Wiring			IU-KB94-G668	IU-KB94-G668	IU-KB94-G668	
	Refrigerant cycle			-	-	-	
Standard attachment	Document			Installation Manual, Instruction Book			
	Accessory			Drain hose (flexible joint)			
Remark	Optional parts						
	Drain pump			<PAC-KE07DM-E>	<PAC-KE07DM-E>	<PAC-KE07DM-E>	
	Control Box Replace kit			<PAC-KE70HS-E>	<PAC-KE70HS-E>	<PAC-KE70HS-E>	
	Installation			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.			

Note :

※1 Nominal cooling conditions
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)

※2 Nominal cooling conditions
27˚CDB/19.5˚CWB (81˚FDB/67˚FWB)
35˚CDB (95˚FDB)
5 m (16-3/8 ft)
0 m (0 ft)

※3 Nominal heating conditions
20˚CDB (68˚FDB)
7˚CDB/6˚CWB (45˚FDB/43˚FWB)
7.5 m (24-9/16 ft)
0 m (0 ft)

* Nominal conditions ※1, ※3 are subject to JIS B8615-1.
* Due to continuing improvement, above specification may be subject to change without notice.
* The external static pressure is set to 15 Pa at factory shipment.
* < > is in case of PEFY-P-VMS1L-E model.

※4 The values are measured at the rated external static pressure.
※5 The figure in < > indicates the value when external static pressure is changed.

Unit converter

kcal/h = kW x 860
Btu/h = kW x 3,412
cfm = m^3/min x 35.31
lb = kg / 0.4536

*Above specification data is subject to rounding variation.

Ref.: Spec_PEFY-P-VMS-E_1

1. SPECIFICATIONS

Model			PEFY-P40VMH-E	PEFY-P50VMH-E	PEFY-P63VMH-E	PEFY-P71VMH-E
Power source			1-phase 220-240V 50Hz/60Hz			
Cooling capacity (Nominal)	※1	kW	4.5	5.6	7.1	8.0
	※1	kcal / h	3,900	4,800	6,100	6,900
	※1	Btu / h	15,400	19,100	24,200	27,300
	※2	kcal / h	4,000	5,000	6,300	7,100
※4	Power input	kW	0.19 / 0.23	0.19 / 0.23	0.24 / 0.30	0.26 / 0.33
※4	Current input	A	0.88 / 1.06	0.88 / 1.06	1.12 / 1.38	1.20 / 1.51
Heating capacity (Nominal)	※3	kW	5.0	6.3	8.0	9.0
	※3	kcal / h	4,300	5,400	6,900	7,700
	※3	Btu / h	17,100	21,500	27,300	30,700
※4	Power input	kW	0.19 / 0.23	0.19 / 0.23	0.24 / 0.30	0.26 / 0.33
※4	Current input	A	0.88 / 1.06	0.88 / 1.06	1.12 / 1.38	1.20 / 1.51
External finish			Galvanized			
External dimension H x W x D		mm	380 x 750 x 900	380 x 750 x 900	380 x 750 x 900	380 x 1,000 x 900
		in.	15 x 29-9/16 x 35-7/16	15 x 29-9/16 x 35-7/16	15 x 29-9/16 x 35-7/16	15 x 39-3/8 x 35-7/16
Net weight		kg (lb)	44 (98)	45 (100)	45 (100)	50 (111)
Heat exchanger			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
	External static press. (220V)	Pa	<50> - 100 - <200>	<50> - 100 - <200>	<50> - 100 - <200>	<50> - 100 - <200>
		mmH_2O	<5.1> - 10.2 - <20.4>	<5.1> - 10.2 - <20.4>	<5.1> - 10.2 - <20.4>	<5.1> - 10.2 - <20.4>
	(230, 240V) ※5	Pa	<100> - 150 - <200>	<100> - 150 - <200>	<100> - 150 - <200>	<100> - 150 - <200>
		mmH_2O	<10.2> - 15.3 - <20.4>	<10.2> - 15.3 - <20.4>	<10.2> - 15.3 - <20.4>	<10.2> - 15.3 - <20.4>
	Motor type		1-phase induction motor			
	Motor output	kW	0.080	0.080	0.120	0.140
	Driving mechanism		Direct-driven by motor			
	Airflow rate (Low-Mid-High)	m^3 / min	10.0 - 14.0	10.0 - 14.0	13.5 - 19.0	15.5 - 22.0
		L / s	167 - 233	167 - 233	225 - 317	258 - 367
		cfm	353 - 494	353 - 494	477 - 671	547 - 777
Sound pressure level (Low-Mid-High)		dB <A>	27 - 34 (220V)	27 - 34 (220V)	32 - 38 (220V)	32 - 39 (220V)
(measured in anechoic room)	※4	dB <A>	31 - 37 (230, 240V)	31 - 37 (230, 240V)	36 - 41 (230, 240V)	35 - 41 (230, 240V)
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam			
Air filter			Optional long life filter (Synthetic fiber unwoven cloth filter) and filter box are recommended.			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A CITY MULTI			
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare
	Gas (R410A)	mm (in.)	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare
Field drain pipe size		mm (in.)	O.D. 32mm (1-1/4)			
Drawing	External		IU-W27-5924			
	Wiring		IU-W65-3956			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual, Instruction Book			
	Accessory		Drain hose I.D. 32mm (1-1/4) (flexible joint)			
Remark	Optional parts					
	Long life filter		PAC-KE86LAF	PAC-KE86LAF	PAC-KE86LAF	PAC-KE88LAF
	Filter box		PAC-KE63TB-F	PAC-KE63TB-F	PAC-KE63TB-F	PAC-KE80TB-F
	Drain pump		PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F
	Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.			

Note :

※1 Nominal cooling conditions
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)

※2 Nominal cooling conditions
27˚CDB/19.5˚CWB (81˚FDB/67˚FWB)
35˚CDB (95˚FDB)
5 m (16-3/8 ft)
0 m (0 ft)

※3 Nominal heating conditions
20˚CDB (68˚FDB)
7˚CDB/6˚CWB (45˚FDB/43˚FWB)
7.5 m (24-9/16 ft)
0 m (0 ft)

* Nominal conditions ※1, ※3 are subject to JIS B8615-1.
* Due to continuing improvement, above specification may be subject to change without notice.

※4 The values are measured at the rated external static pressure.
※5 The figure in < > indicates the value when external static pressure is changed.

Unit converter

kcal/h = kW x 860
Btu/h = kW x 3,412
cfm = m^3/min x 35.31
lb = kg / 0.4536

*Above specification data is subject to rounding variation.

Ref.: Spec_PEFY-P-VMH-E_1

1. SPECIFICATIONS

Model			PEFY-P80VMH-E	PEFY-P100VMH-E	PEFY-P125VMH-E	PEFY-P140VMH-E
Power source			1-phase 220-240V 50Hz/60Hz			
Cooling capacity (Nominal)	※1	kW	9.0	11.2	14.0	16.0
	※1	kcal / h	7,700	9,600	12,000	13,800
	※1	Btu / h	30,700	38,200	47,800	54,600
	※2	kcal / h	8,000	10,000	12,500	14,000
※4	Power input	kW	0.32 / 0.40	0.48 / 0.58	0.48 / 0.58	0.48 / 0.59
※4	Current input	A	1.47 / 1.83	2.34 / 2.66	2.34 / 2.66	2.35 / 2.70
Heating capacity (Nominal)	※3	kW	10.0	12.5	16.0	18.0
	※3	kcal / h	8,600	10,800	13,800	15,500
	※3	Btu / h	34,100	42,700	54,600	61,400
※4	Power input	kW	0.32 / 0.40	0.48 / 0.58	0.48 / 0.58	0.48 / 0.59
※4	Current input	A	1.47 / 1.83	2.34 / 2.66	2.34 / 2.66	2.35 / 2.70
External finish			Galvanized			
External dimension H x W x D		mm	380 x 1,000 x 900	380 x 1,200 x 900	380 x 1,200 x 900	380 x 1,200 x 900
		in.	15 x 39-3/8 x 35-7/16	15 x 47-1/4 x 35-7/16	15 x 47-1/4 x 35-7/16	15 x 47-1/4 x 35-7/16
Net weight		kg (lb)	50 (111)	70 (155)	70 (155)	70 (155)
Heat exchanger			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
	External (220V) static press.	Pa	<50> - 100 - <200>	<50> - 100 - <200>	<50> - 100 - <200>	<50> - 100 - <200>
		mmH_2O	<5.1> - 10.2 - <20.4>	<5.1> - 10.2 - <20.4>	<5.1> - 10.2 - <20.4>	<5.1> - 10.2 - <20.4>
	(230, 240V)	Pa	<100> - 150 - <200>	<100> - 150 - <200>	<100> - 150 - <200>	<100> - 150 - <200>
	※5	mmH_2O	<10.2> - 15.3 - <20.4>	<10.2> - 15.3 - <20.4>	<10.2> - 15.3 - <20.4>	<10.2> - 15.3 - <20.4>
	Motor type		1-phase induction motor			
	Motor output	kW	0.180	0.260	0.260	0.260
	Driving mechanism		Direct-driven by motor			
	Airflow rate (Low-Mid-High)	m^3 / min	18.0 - 25.0	26.5 - 38.0	26.5 - 38.0	28.0 - 40.0
		L / s	300 - 417	442 - 633	442 - 633	467 - 667
		cfm	636 - 883	936 - 1,342	936 - 1,342	989 - 1,413
Sound pressure level (Low-Mid-High)		dB <A>	35 - 41 (220V)	34 - 42 (220V)	34 - 42 (220V)	34 - 42 (220V)
(measured in anechoic room)	※4	dB <A>	38 - 43 (230, 240V)	38 - 44 (230, 240V)	38 - 44 (230, 240V)	38 - 44 (230, 240V)
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam			
Air filter			Option : Synthetic fiber unwoven cloth filter (long life)			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A CITY MULTI			
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare	ø9.52 (ø3/8) Flare
	Gas (R410A)	mm (in.)	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare	ø15.88 (ø5/8) Flare
Field drain pipe size		mm (in.)	O.D. 32mm (1-1/4)			
Drawing	External		IU-W27-5924			
	Wiring		IU-W65-3956			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual, Instruction Book			
	Accessory		Drain hose I.D. 32mm (1-1/4) (flexible joint)			
Remark	Optional parts					
	Long life filter		PAC-KE88LAF	PAC-KE89LAF	PAC-KE89LAF	PAC-KE89LAF
	Filter box		PAC-KE80TB-F	PAC-KE140TB-F	PAC-KE140TB-F	PAC-KE140TB-F
	Drain pump		PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F	PAC-KE04DM-F
	Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.			

Note :

※1 Nominal cooling conditions
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)

※2 Nominal cooling conditions
27˚CDB/19.5˚CWB (81˚FDB/67˚FWB)
35˚CDB (95˚FDB)
5 m (16-3/8 ft)
0 m (0 ft)

※3 Nominal heating conditions
20˚CDB (68˚FDB)
7˚CDB/6˚CWB (45˚FDB/43˚FWB)
7.5 m (24-9/16 ft)
0 m (0 ft)

* Nominal conditions ※1, ※3 are subject to JIS B8615-1.
* Due to continuing improvement, above specification may be subject to change without notice.

※4 The values are measured at the rated external static pressure.
※5 The figure in < > indicates the value when external static pressure is changed.

Unit converter

kcal/h = kW x 860
Btu/h = kW x 3,412
cfm = m^3/min x 35.31
lb = kg / 0.4536

*Above specification data is subject to rounding variation.

Ref.: Spec_PEFY-P-VMH-E_2

1. SPECIFICATIONS

Model			PEFY-P200VMH-E	PEFY-P250VMH-E		
Power source			3-phase, 4-wire, 380-415V 50/60Hz			
Cooling capacity (Nominal)	✻1	kW	22.4	28.0		
	✻1	kcal / h	19,300	24,100		
	✻1	Btu / h	76,400	95,500		
	✻2	kcal / h	20,000	25,000		
✻4 Power input		kW	0.99 / 1.14	1.23 / 1.41		
✻4 Current input		A	1.62 / 1.86	2.0 / 2.3		
Heating capacity (Nominal)	✻3	kW	25.0	31.5		
	✻3	kcal / h	21,500	27,100		
	✻3	Btu / h	85,300	107,500		
✻4 Power input		kW	0.99 /1.14	1.23 / 1.41		
✻4 Current input		A	1.62 / 1.86	2.0 / 2.3		
External finish			Galvanized			
External dimension H x W x D		mm	470 X 1,250 X 1,120	470 X 1,250 X 1,120		
		in.	18-9/16 x 49-1/4 x 44-1/8	18-9/16 x 49-1/4 x 44-1/8		
Net weight		kg (lb)	100 (221)	100 (221)		
Heat exchanger			Cross fin (Aluminum fin and copper tube)			
FAN	Type x Quantity		Sirocco fan x 2	Sirocco fan x 2		
	External (380V) static press.	Pa	110- 220	110- 220		
		mmH_2O	11.2- 22.4	11.2- 22.4		
	(400, 415V) ✻5	Pa	130- 260	130- 260		
		mmH_2O	13.3- 26.5	13.3- 26.5		
	Motor type		3-phase induction motor			
	Motor output	kW	0.760	1.080		
	Driving mechanism		Direct-driven by motor			
	Airflow rate (Low-Mid-High)	m^3 / min	58	72		
		L / s	967	1,200		
		cfm	2,048	2,543		
Sound pressure level (Low-Mid-High)		dB <A>	42 / 45 (380V)	50 / 52 (220V)		
(measured in anechoic room)	✻4	dB <A>	44 / 47 (400, 415V)	52 / 54 (230, 240V)		
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam			
Air filter			Option : Synthetic fiber unwoven cloth filter (long life)			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A CITY MULTI			
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø9.52 (ø3/8) Brazed	ø9.52 (ø3/8) Brazed		
	Gas (R410A)	mm (in.)	ø19.05 (ø3/4) Brazed	ø22.2 (ø7/8) Brazed		
Field drain pipe size		mm (in.)	O.D. 32mm (1-1/4)			
Drawing	External		IU-W27-5925			
	Wiring		IU-W65-3957			
	Refrigerant cycle		-			
Standard attachment	Document		Installation Manual, Instruction Book			
	Accessory		Drain hose I.D. 32mm (1-1/4) (flexible joint)			
Remark	Optional parts					
	Long life filter		PAC-KE85LAF	PAC-KE85LAF		
	Filter box		PAC-KE250TB-F	PAC-KE250TB-F		
	Drain pump		PAC-KE04DM-F	PAC-KE04DM-F		
	Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.			

Note :

✻1 Nominal cooling conditions
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)

✻2 Nominal cooling conditions
27˚CDB/19.5˚CWB (81˚FDB/67˚FWB)
35˚CDB (95˚FDB)
5 m (16-3/8 ft)
0 m (0 ft)

✻3 Nominal heating conditions
20˚CDB (68˚FDB)
7˚CDB/6˚CWB (45˚FDB/43˚FWB)
7.5 m (24-9/16 ft)
0 m (0 ft)

* Nominal conditions ✻1, ✻3 are subject to JIS B8615-1.
* Due to continuing improvement, above specification may be subject to change without notice.

✻4 The values are measured at the rated external static pressure.
✻5 The figure in < > indicates the value when external static pressure is changed.

Unit converter

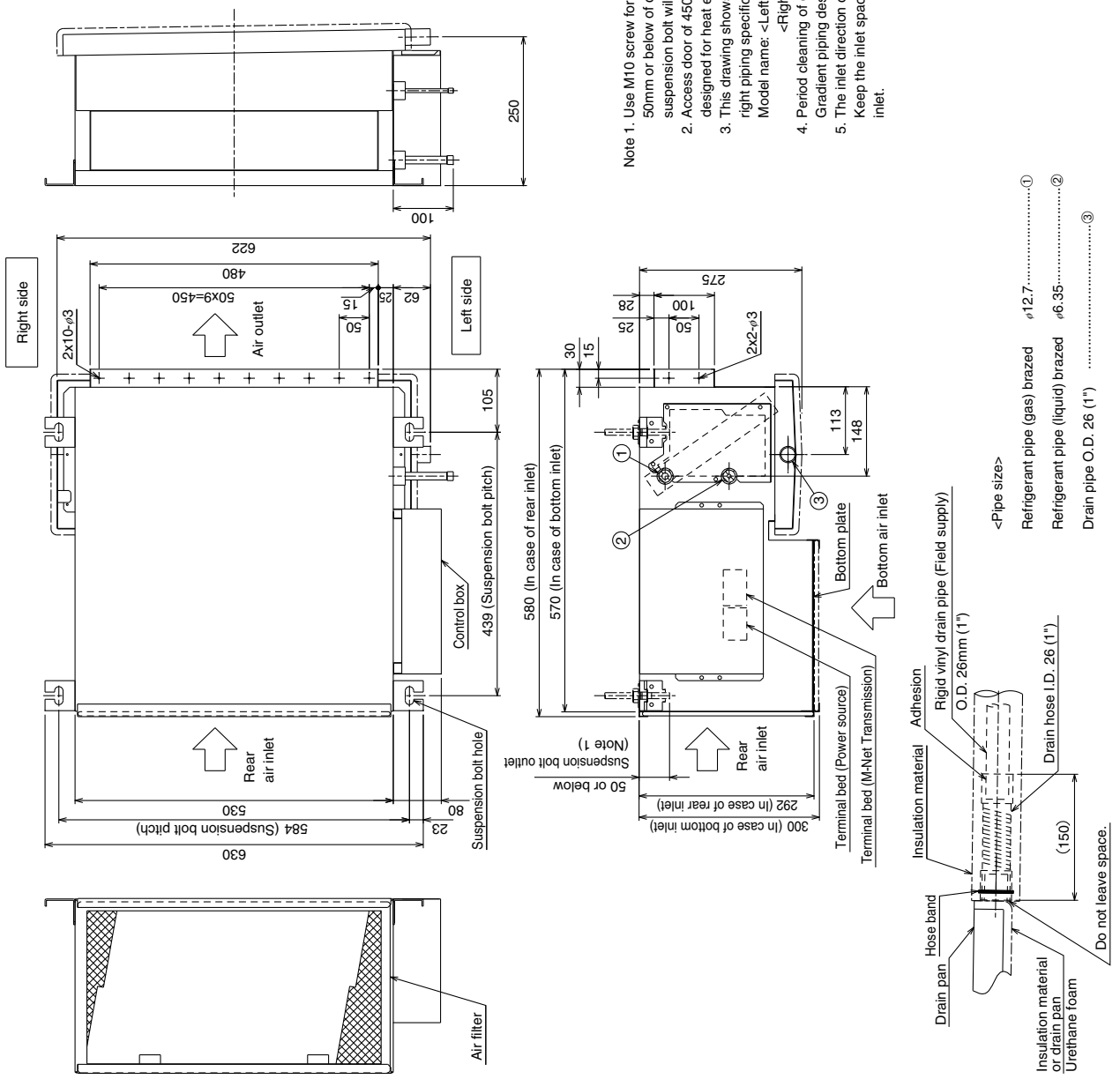
kcal/h = kW x 860
Btu/h = kW x 3,412
cfm = m^3/min x 35.31
lb = kg / 0.4536

*Above specification data is subject to rounding variation.

Ref.: Spec_PEFY-P-VMH-E_3

PEFY-P20,25,32VMR-E-L/R

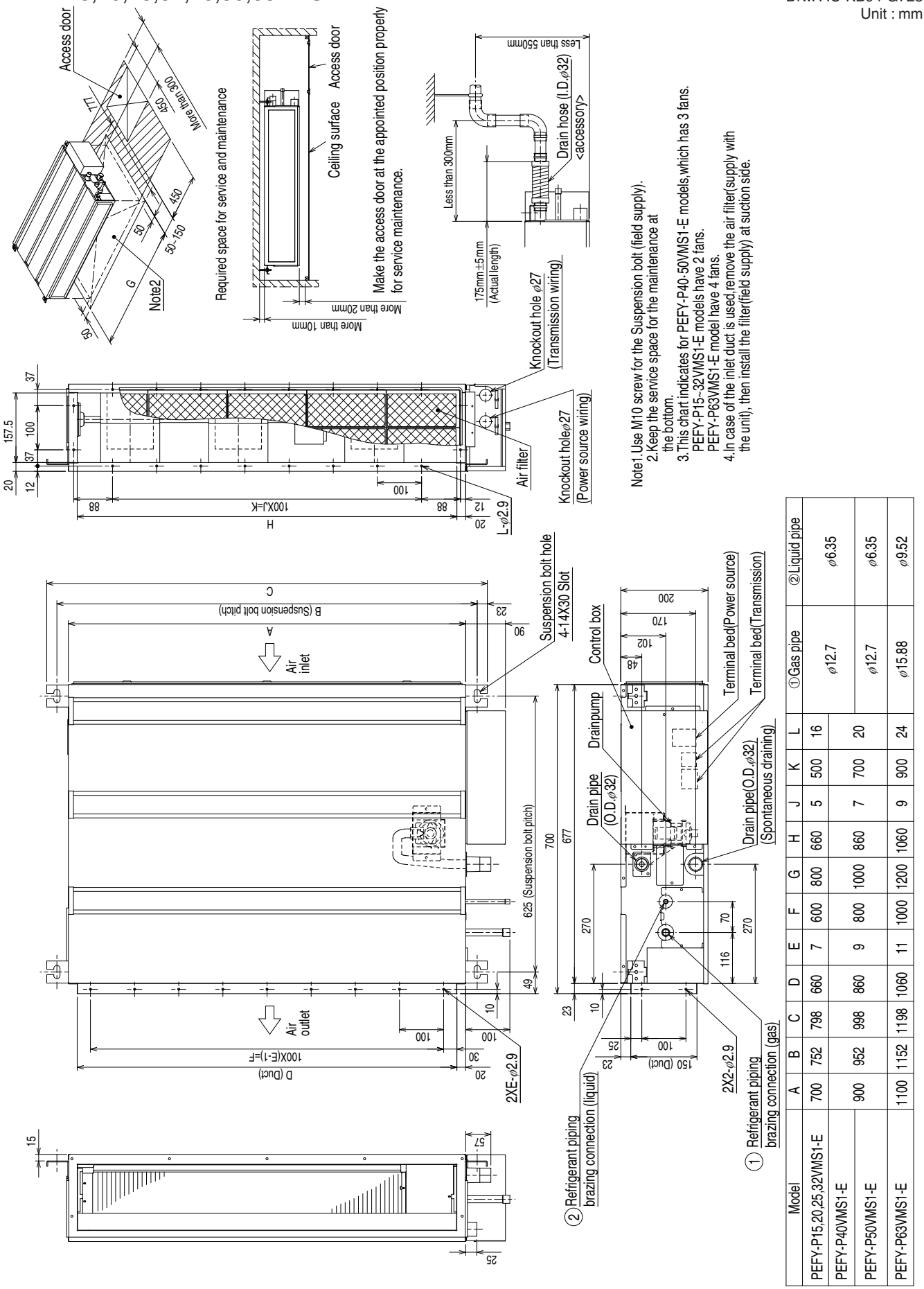
Drw. : IU-KB94-C854
Unit : mm



PEFY

PEFY-P15,20,25,32,40,50,63VMS1-E

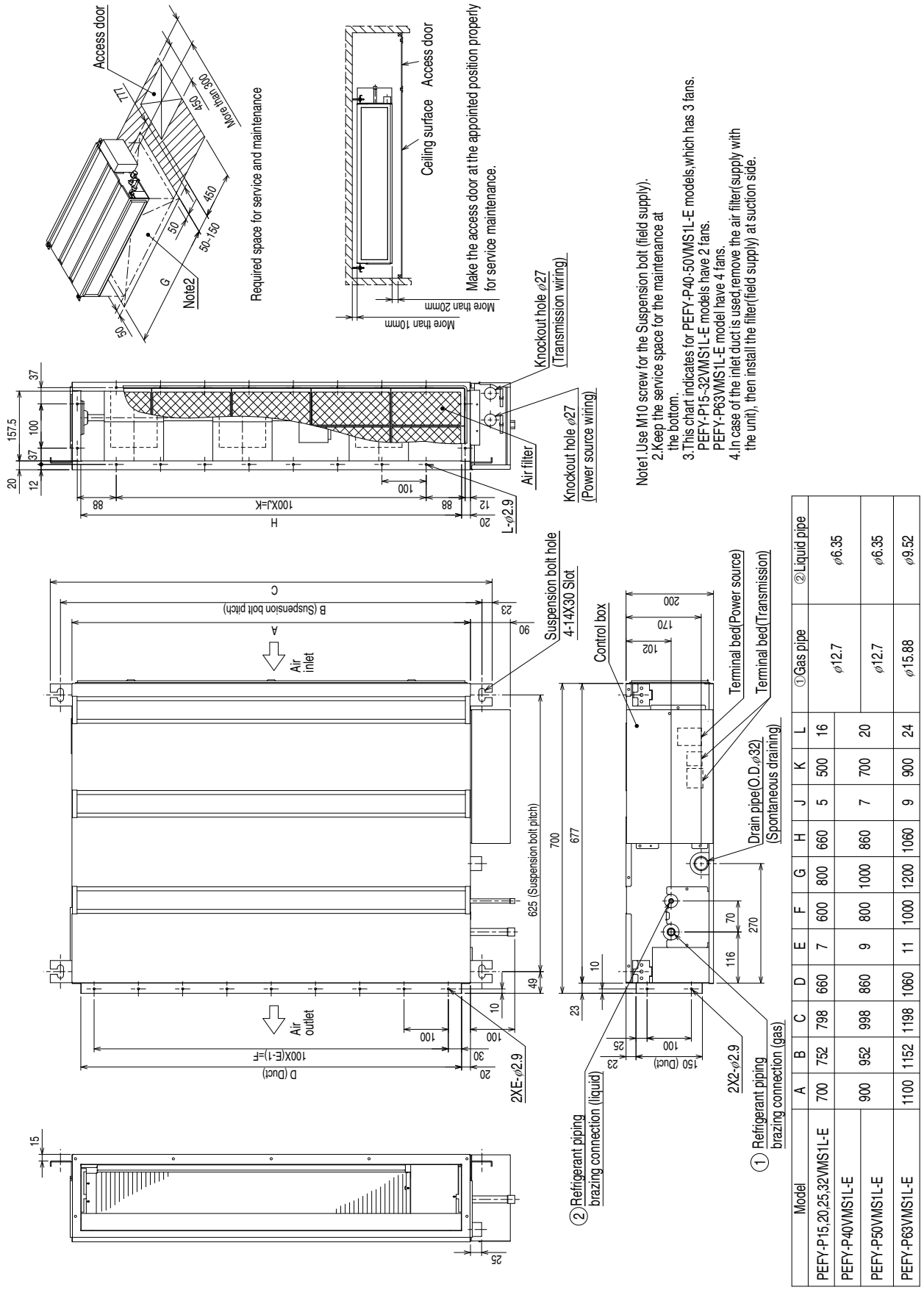
Drw. : IU-KB94-G728
Unit : mm



Model	A	B	C	D	E	F	G	H	J	K	L	①Gas pipe	②Liquid pipe
PEFY-P15,20,25,32VMS1-E	700	752	798	660	7	600	800	660	5	500	16	ø12.7	ø6.35
PEFY-P40VMS1-E	900	952	998	860	9	800	1000	860	7	700	20	ø12.7	ø6.35
PEFY-P50VMS1-E													
PEFY-P63VMS1-E	1100	1152	1198	1060	11	1000	1200	1060	9	900	24	ø15.88	ø9.52

PEFY-P15,20,25,32,40,50,63VMS1L-E

Drw. : IU-KB94-G731
Unit : mm

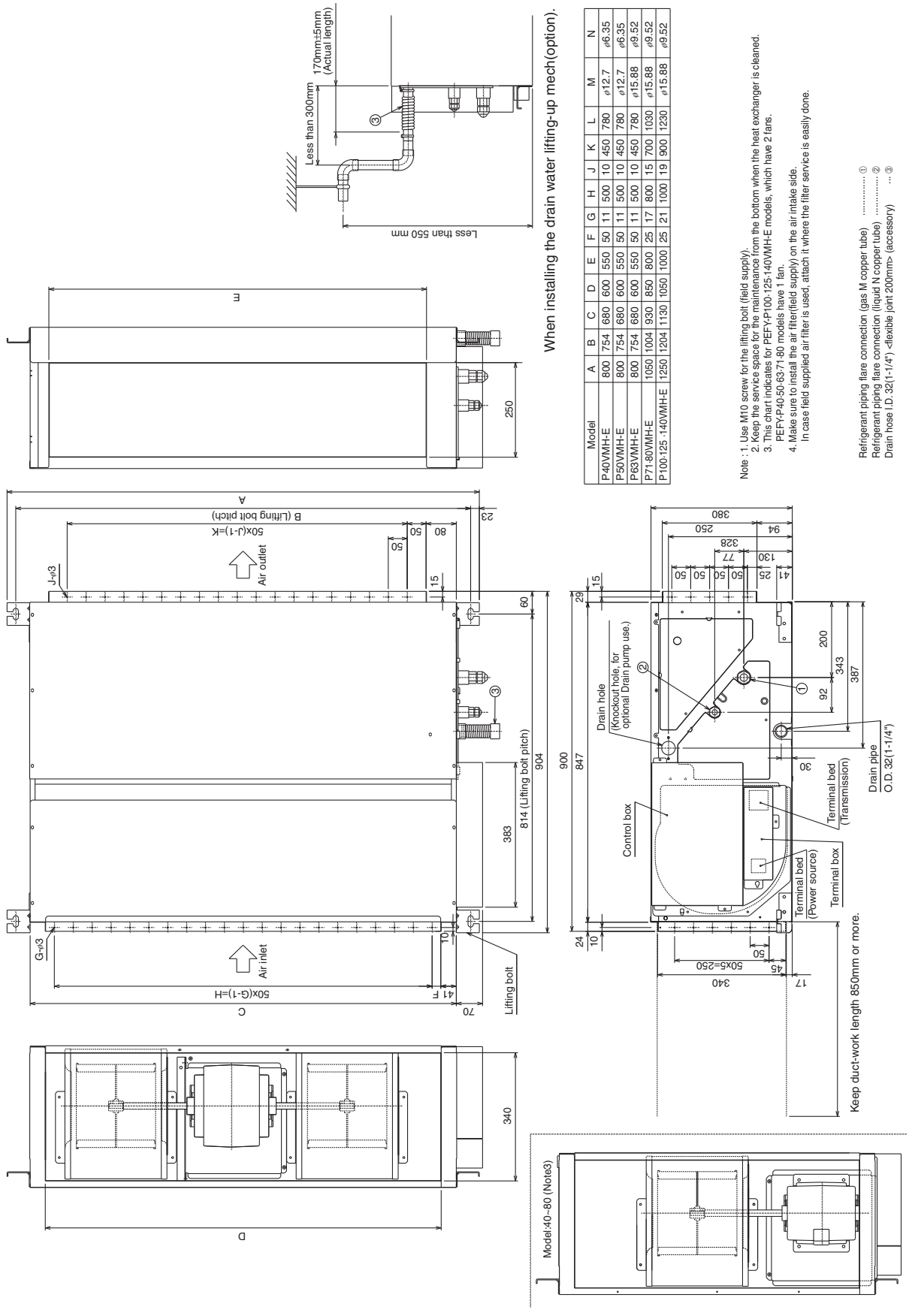


Note1.Use M10 screw for the Suspension bolt (field supply).
2.Keep the service space for the maintenance at the bottom.
3.This chart indicates for PEFY-P40.50VMS1L-E models,which has 3 fans.
PEFY-P15-32VMS1L-E models have 2 fans.
PEFY-P63VMS1L-E model have 4 fans.
4.In case of the inlet duct is used,remove the air filter(supply with the unit), then install the filter(field supply) at suction side.

Model	A	B	C	D	E	F	G	H	J	K	L	①Gas pipe	②Liquid pipe
PEFY-P15,20,25,32VMS1L-E	700	752	798	660	7	600	800	660	5	500	16	ø12.7	ø6.35
PEFY-P40VMS1L-E	900	952	998	860	9	800	1000	860	7	700	20	ø12.7	ø6.35
PEFY-P50VMS1L-E													
PEFY-P63VMS1L-E	1100	1152	1198	1060	11	1000	1200	1060	9	900	24	ø15.88	ø9.52

PEFY-P40,50,63,71,80,100,125,140VMH-E

Drw. : IU-W27-5924
Unit : mm



Model	A	B	C	D	E	F	G	H	J	K	L	M	N
P40VMH-E	800	754	680	600	550	50	11	500	10	450	780	ø12.7	ø6.35
P50VMH-E	800	754	680	600	550	50	11	500	10	450	780	ø12.7	ø6.35
P63VMH-E	800	754	680	600	550	50	11	500	10	450	780	ø15.88	ø9.52
P71,80VMH-E	1050	1004	930	850	800	25	17	800	15	700	1030	ø15.88	ø9.52
P100-125 ,140VMH-E	1250	1204	1130	1050	1000	25	21	1000	19	900	1230	ø15.88	ø9.52

Note : 1. Use M10 screw for the lifting bolt (field supply).
2. Keep the service space for the maintenance from the bottom when the heat exchanger is cleaned.
3. This chart indicates for PEFY-P100-125-140VMH-E models, which have 2 fans.
PEFY-P40-50-63-71-80 models have 1 fan.
4. Make sure to install the air filter(field supply) on the air intake side.
In case field supplied air filter is used, attach it where the filter service is easily done.

Refrigerant piping flare connection (gas M copper tube) ..... ①
Refrigerant piping flare connection (liquid N copper tube) ..... ②
Drain hose I.D. 32(1-1/4") -flexible joint 200mm> (accessory) ... ③

PEFY-P200, 250VMH-E

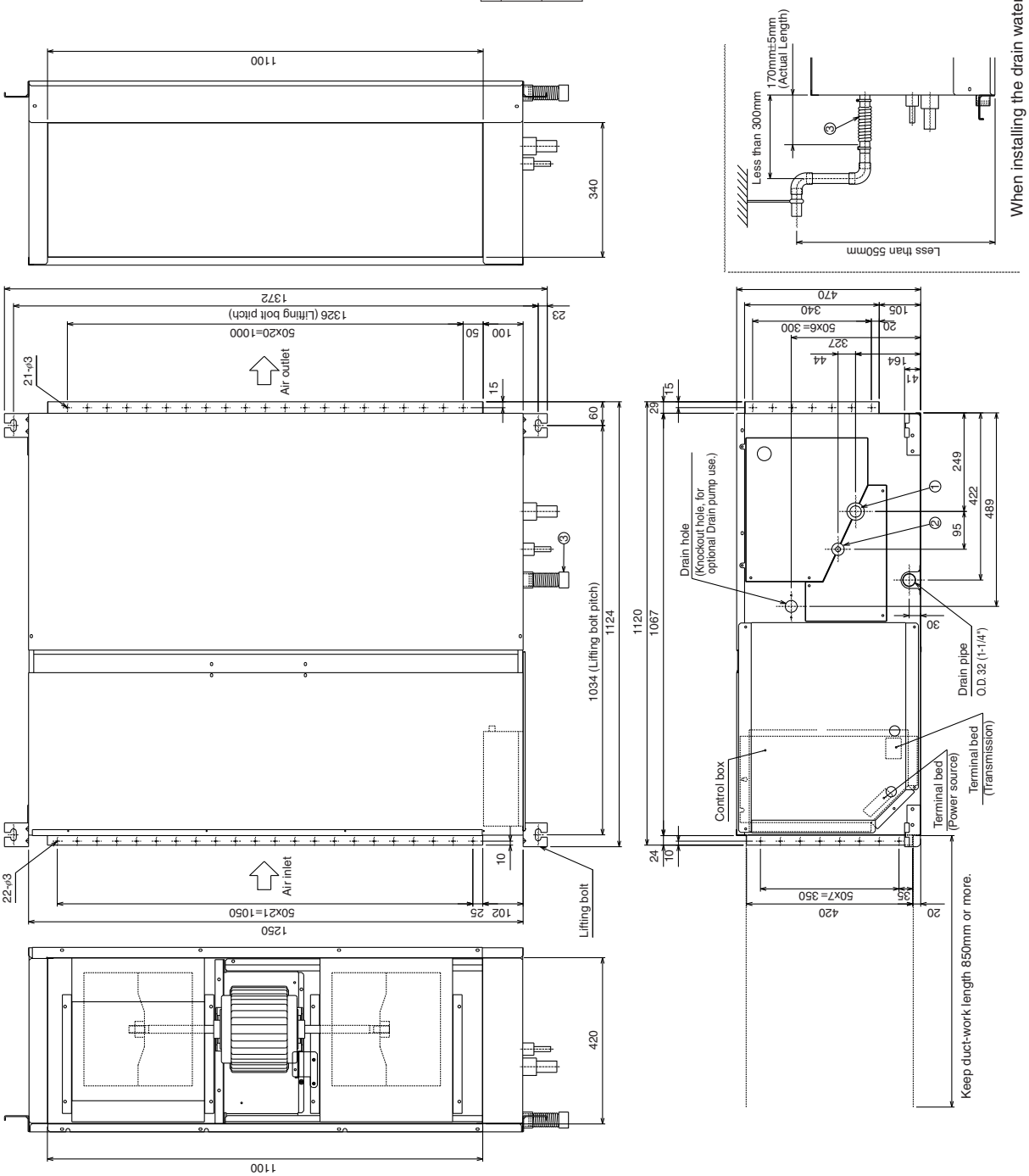
Drw. : IU-W27-5925

Unit : mm

Note : 1. Use M10 screw for the lifting bolt (field supply).
2. Keep the service space for the maintenance from the bottom when the heat exchanger is cleaned.
3. Make sure to install the air filter(field supply)on the air intake side. In case field supplied air filter is used, attach it where the filter service is easily done.

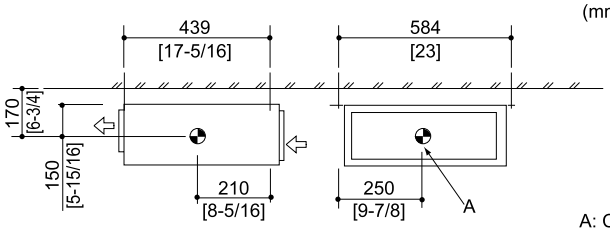
Model	A	B
P200VMH-E	ø19.05	ø9.52
P250VMH-E	ø22.2	ø9.52

Refrigerant piping brazing connection (gas A copper tube) ....①
Refrigerant piping brazing connection (liquid B copper tube) ....②
Drain hose I.D. 32 (1-1/4") <flexible joint 200mm>(accessory) ....③



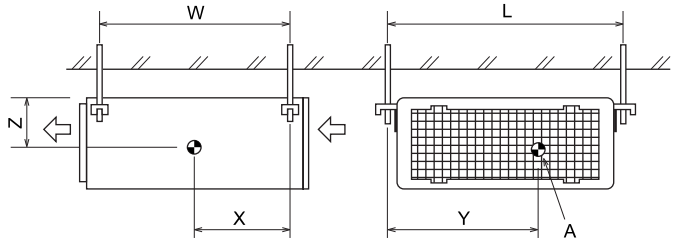
PEFY-P20, 25, 32VMR-E-L/R

(mm)[in]



A: Center of gravity

PEFY-P15,20,25,32,40,50,63VMS1(L)-E

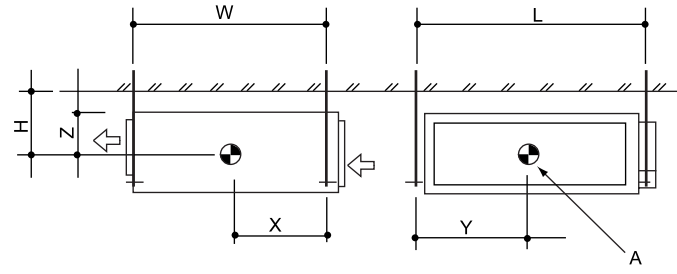


A: Center of gravity

(mm)[in]

Model name	W	L	X	Y	Z
PEFY-P15VMS1(L)-E	625 [24-5/8]	752 [29-5/8]	263 [10-3/8]	338 [13-5/16]	105 [4-5/32]
PEFY-P20VMS1(L)-E	625 [24-5/8]	752 [29-5/8]	263 [10-3/8]	338 [13-5/16]	105 [4-5/32]
PEFY-P25VMS1(L)-E	625 [24-5/8]	752 [29-5/8]	263 [10-3/8]	338 [13-5/16]	105 [4-5/32]
PEFY-P32VMS1(L)-E	625 [24-5/8]	752 [29-5/8]	275 [10-27/32]	340 [13-13/32]	104 [4-1/8]
PEFY-P40VMS1(L)-E	625 [24-5/8]	952 [37-1/2]	280 [11-1/32]	422 [16-5/8]	104 [4-1/8]
PEFY-P50VMS1(L)-E	625 [24-5/8]	952 [37-1/2]	280 [11-1/32]	422 [16-5/8]	104 [4-1/8]
PEFY-P63VMS1(L)-E	625 [24-5/8]	1152 [45-3/8]	285 [11-1/4]	511 [20-1/8]	104 [4-1/8]

PEFY-P40,50,63,71,80,100,125,140,200,250VMH-E



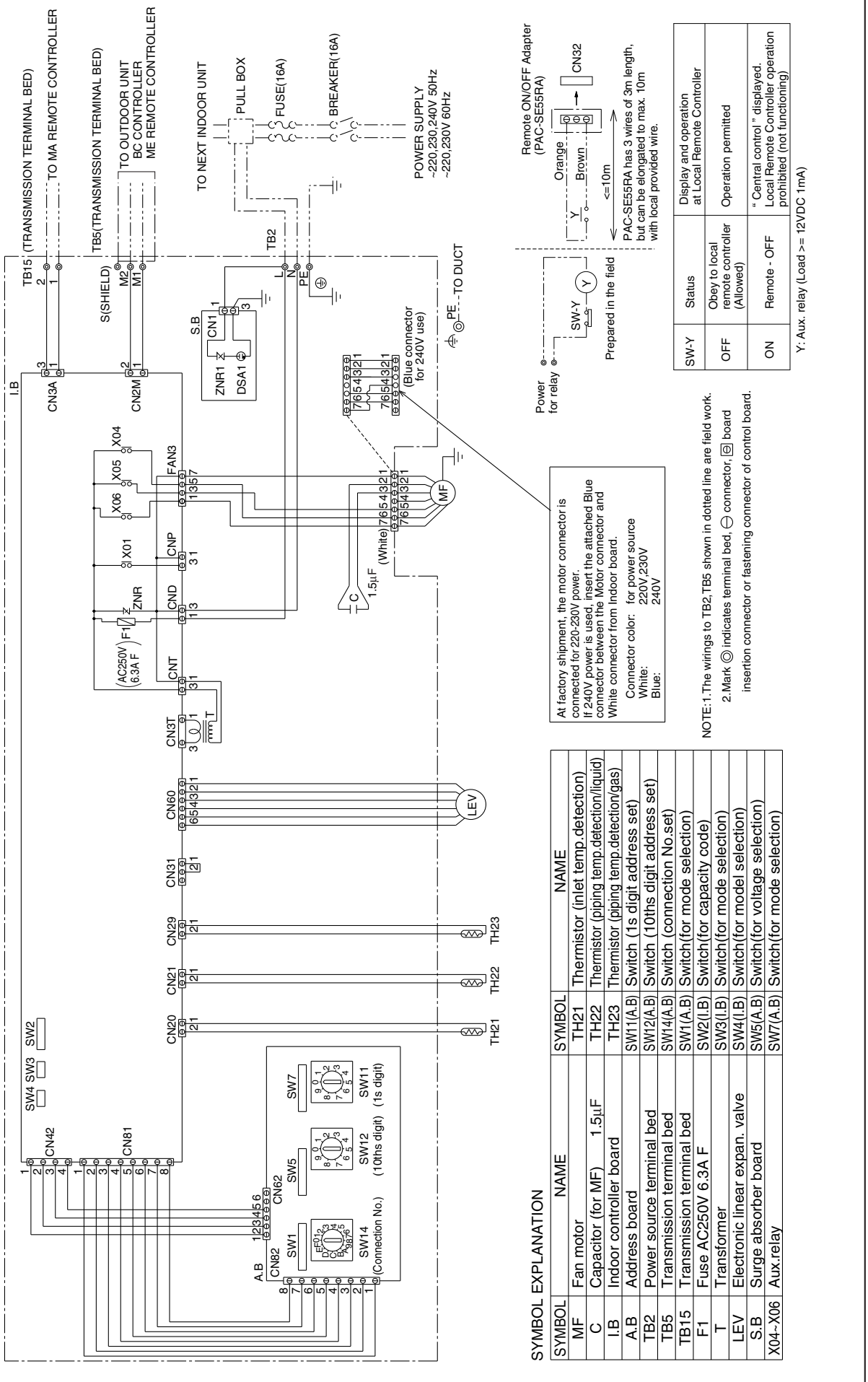
A: Center of gravity

(mm)[in]

Model name	W	L	H	X	Y	Z
PEFY-P40VMH-E	814 [32-1/16]	754 [29-11/16]	210 [8-9/32]	374 [14-3/4]	440 [17-11/32]	190 [7-1/2]
PEFY-P50VMH-E	814 [32-1/16]	754 [29-11/16]	210 [8-9/32]	374 [14-3/4]	440 [17-11/32]	190 [7-1/2]
PEFY-P63VMH-E	814 [32-1/16]	754 [29-11/16]	210 [8-9/32]	374 [14-3/4]	440 [17-11/32]	190 [7-1/2]
PEFY-P71VMH-E	814 [32-1/16]	1004 [39-17/32]	210 [8-9/32]	394 [15-17/32]	584 [22-32/32]	190 [7-1/2]
PEFY-P80VMH-E	814 [32-1/16]	1004 [39-17/32]	210 [8-9/32]	394 [15-17/32]	584 [22-32/32]	190 [7-1/2]
PEFY-P100VMH-E	814 [32-1/16]	1204 [47-13/32]	210 [8-9/32]	364 [14-11/32]	649 [25-9/16]	190 [7-1/2]
PEFY-P125VMH-E	814 [32-1/16]	1204 [47-13/32]	210 [8-9/32]	364 [14-11/32]	649 [25-9/16]	190 [7-1/2]
PEFY-P140VMH-E	814 [32-1/16]	1204 [47-13/32]	210 [8-9/32]	364 [14-11/32]	649 [25-9/16]	190 [7-1/2]
PEFY-P200VMH-E	1034 [40-23/32]	1326 [52-7/32]	255 [10-1/16]	462 [18-7/32]	660 [25-32/32]	235 [9-9/32]
PEFY-P250VMH-E	1034 [40-23/32]	1326 [52-7/32]	255 [10-1/16]	462 [18-7/32]	660 [25-32/32]	235 [9-9/32]

PEFY-P20,25,32VMR-E-L/R

Drw. : IU-KB94-C858



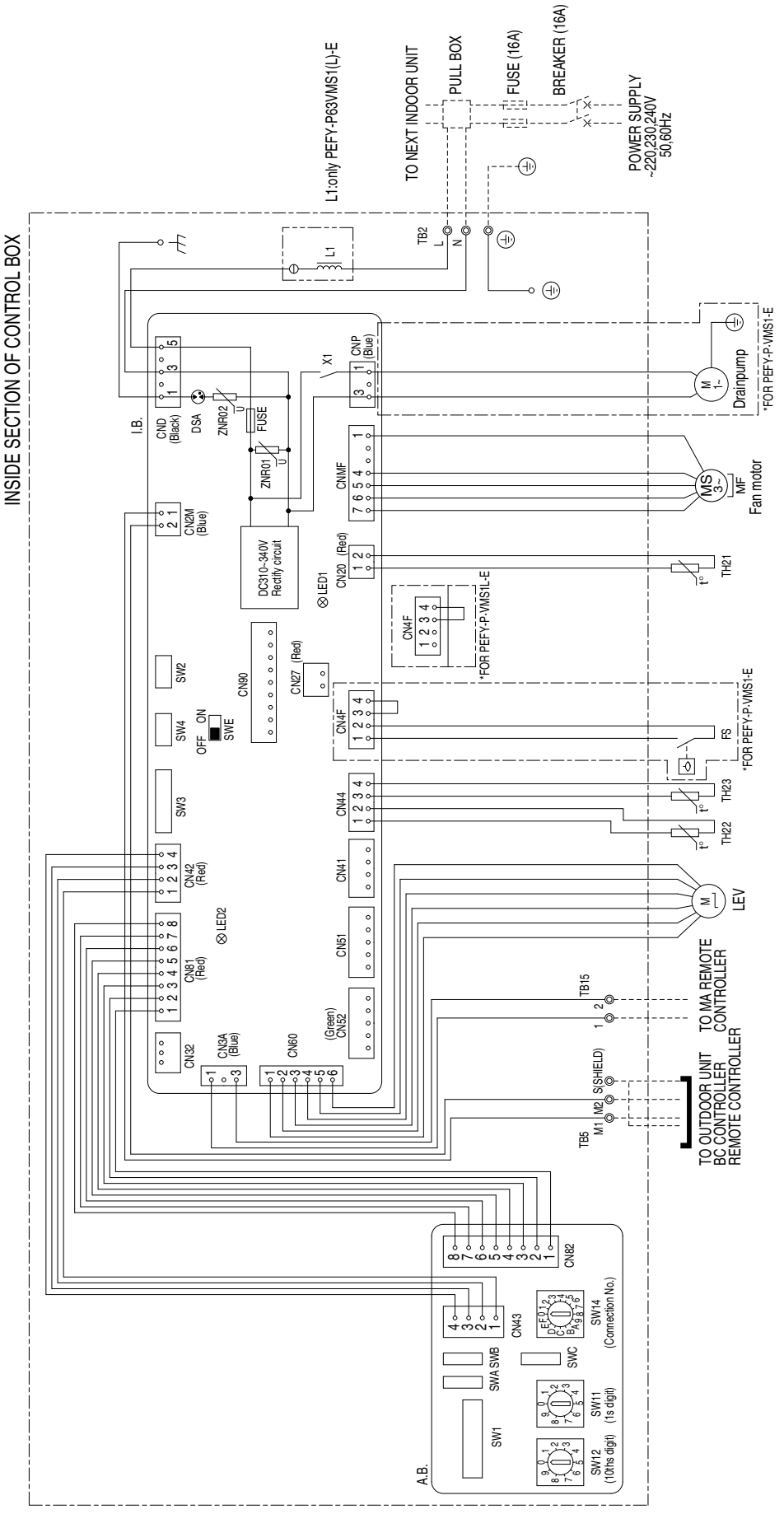
SYMBOL EXPLANATION

SYMBOL	NAME
MF	Fan motor
C	Capacitor (for MF) 1.5μF
I.B	Indoor controller board
A.B	Address board
TB2	Power source terminal bed
TB5	Transmission terminal bed
TB15	Transmission terminal bed
F1	Fuse AC250V 6.3A F
T	Transformer
LEV	Electronic linear expan. valve
S.B	Surge absorber board
X04~X06	Aux.relay

SYMBOL	NAME
TH21	Thermistor (inlet temp.detection)
TH22	Thermistor (piping temp.detection/liquid)
TH23	Thermistor (piping temp.detection/gas)
SW11(A.B)	Switch (1s digit address set)
SW12(A.B)	Switch (10ths digit address set)
SW14(A.B)	Switch (connection No.set)
SW1(A.B)	Switch(for mode selection)
SW2(I.B)	Switch(for capacity code)
SW3(I.B)	Switch(for mode selection)
SW4(I.B)	Switch(for model selection)
SW5(A.B)	Switch(for voltage selection)
SW7(A.B)	Switch(for mode selection)

PEFY-P15,20,25,32,40,50,63VMS1(L)-E

Drw. : IU-KB94-G668



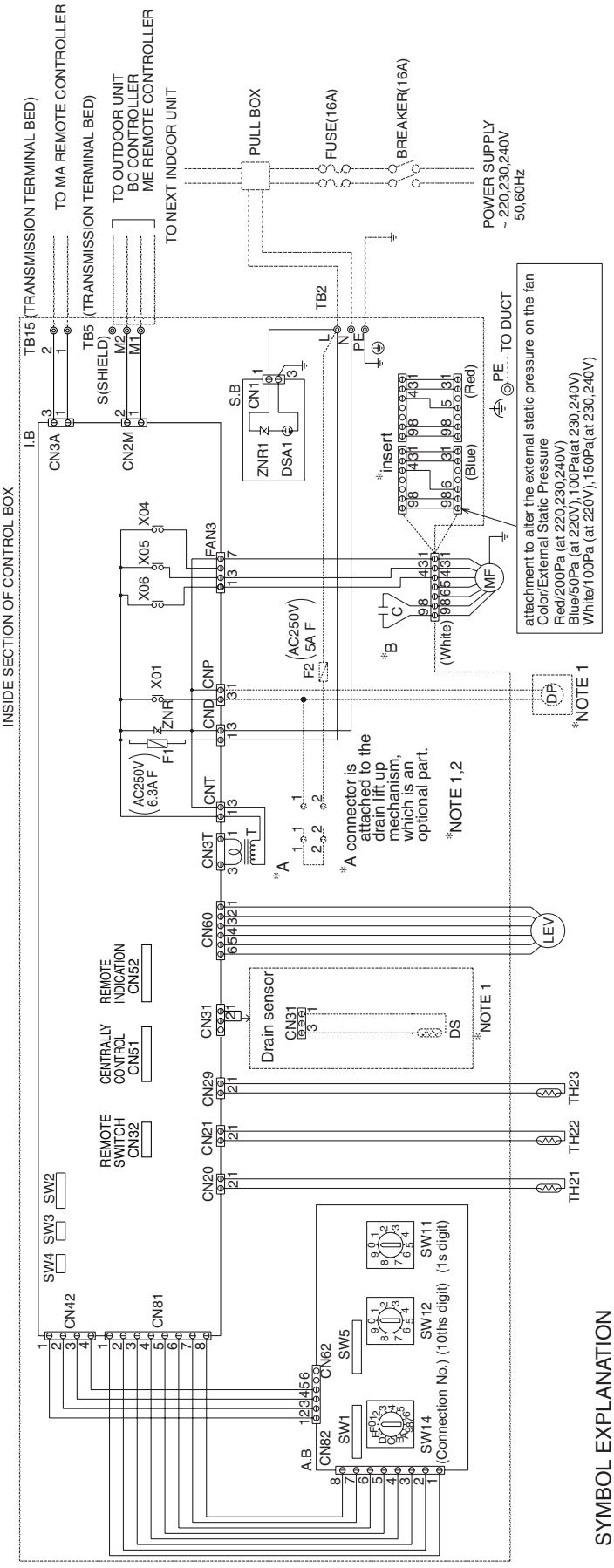
NOTE:1.The wirings to TB2, TB5, TB15 shown in dotted line are field work.
2.Mark ◎ indicates terminal bed, ⊖ connector.

SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	CN32	Connector (Remote switch)	SW4(I.B.)	Switch (for model selection)
A.B.	Address board	CN41	Connector (HA terminal-A)	SWE(I.B.)	Connector (emergency operation)
TB2	Power source terminal bed	CN51	Connector (Centrally control)	SW1(A.B.)	Switch (for mode selection)
TB5	Transmission terminal bed	CN52	Connector (Remote indication)	SW11(A.B.)	Switch (1s digit address set)
TB15	Transmission terminal bed	CN90	Connector (Wireless)	SW12(A.B.)	Switch (10ths digit address set)
FUSE	Fuse AC250V 6.3A	FS	Float switch	SW14(A.B.)	Switch (connection No.set)
ZNR01,02	Varistor	TH21	Thermistor (inlet air temp.detection)	SWA(A.B.)	Switch (for static pressure selection)
DSA	Arrester	TH22	Thermistor (piping temp.detection/liquid)	SWB(A.B.)	Switch (for model selection)
X1	Aux. relay	TH23	Thermistor (piping temp.detection/gas)	SWC(A.B.)	Switch (for static pressure selection)
L1	AC reactor(Power factor improvement)	SW2(I.B.)	Switch (for capacity code)		
CN27	Connector (Damper)	SW3(I.B.)	Switch (for mode selection)		

PEFY-P40,50,63,71,80,100,125,140VMH-E

Drw. : IU-W65-3956



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

SYMBOL EXPLANATION

SYMBOL	NAME
MF	Fan motor
C	*B Capacitor (for MF)
I.B	Indoor controller board
A.B	Address board
TB2	Power source terminal bed
TB5	Transmission terminal bed
TB15	Transmission terminal bed
F1	Fuse AC250V 6.3A F
<F2>	Fuse AC250V 5A F
T	Transformer
<DP>	Drain Pump
LEV	Electronic linear expan. valve
<DS>	Drain sensor

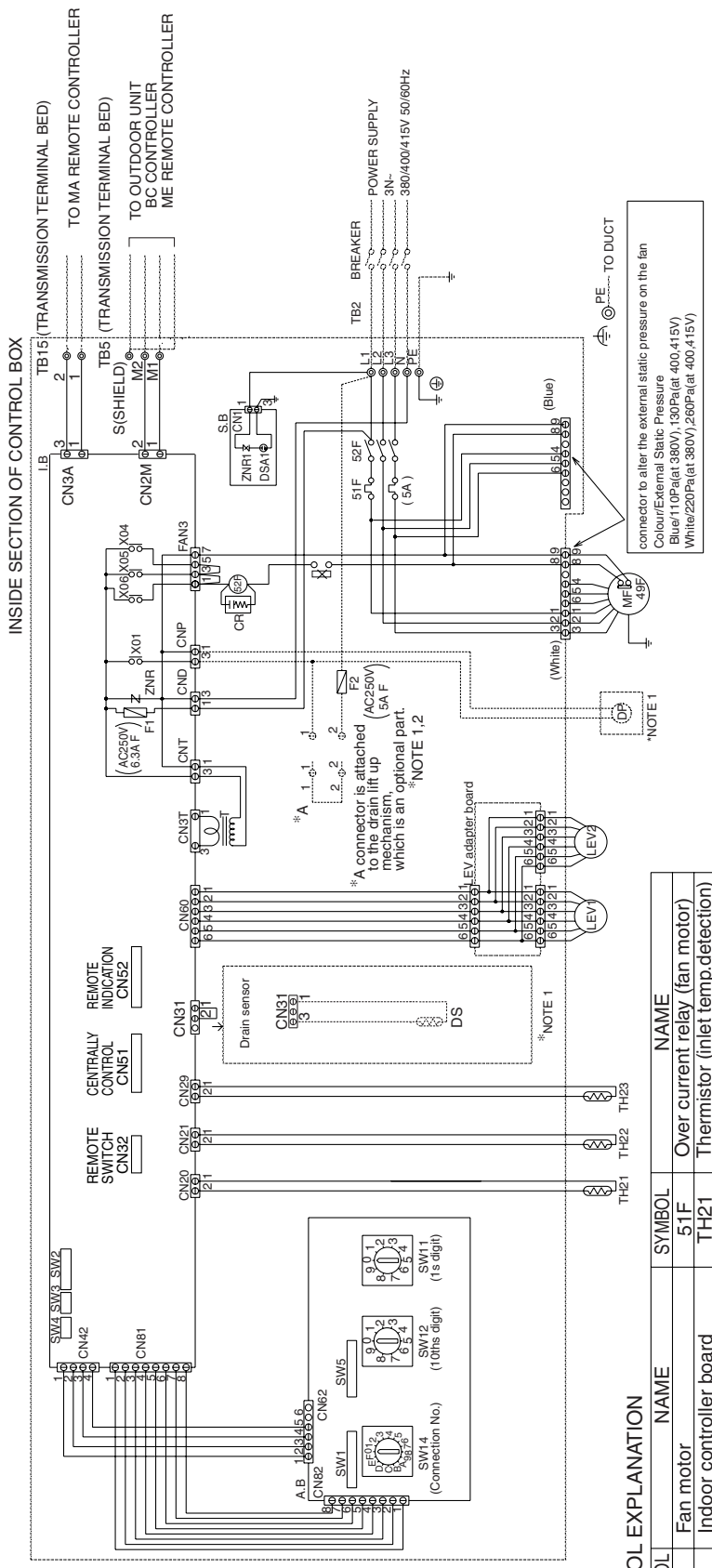
SYMBOL	NAME
S.B	Surge absorber board
TH21	Thermistor (inlet temp.detection)
TH22	Thermistor (piping temp.detection/liquid)
TH23	Thermistor (piping temp.detection/gas)
SW11(A.B)	Switch (1s digit address set)
SW12(A.B)	Switch (10ths digit address set)
SW14(A.B)	Switch (connection No.set)
SW1(A.B)	Switch(for mode selection)
SW2(I.B)	Switch(for capacity code)
SW3(I.B)	Switch(for mode selection)
SW4(I.B)	Switch(for model selection)
SW5(A.B)	Switch(for voltage selection)
X04-X06	Aux.relay

*B Capacitor
MODELS 40/50 3.0μF
MODEL 63 4.0μF
MODELS 71/80 5.0μF
MODELS 100/125/140 7.0μF

inside < > is the optional parts

PEFY-P200,250VMH-E

Drw. : IU-W65-3957



SYMBOL EXPLANATION

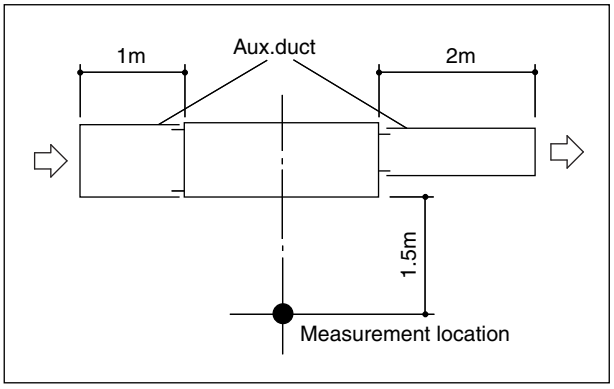
SYMBOL	NAME	SYMBOL	NAME
MF	Fan motor	51F	Over current relay (fan motor)
I.B	Indoor controller board	TH21	Thermistor (inlet temp.detection)
A.B	Address board	TH22	Thermistor (piping temp.detection/liquid)
TB2	Power source terminal bed	TH23	Thermistor (piping temp.detection/gas)
TB5	Transmission terminal bed	SW11(A.B)	Switch (1s digit address set)
TB15	Transmission terminal bed	SW12(A.B)	Switch (10ths digit address set)
F1	Fuse AC250V 6.3A F	SW14(A.B)	Switch (connection No.set)
<F2>	Fuse AC250V 5A F	SW1(A.B)	Switch(for mode selection)
T	Transformer	SW2(I.B)	Switch(for capacity code)
<DP>	Drain Pump	SW3(I.B)	Switch(for mode selection)
LEV1,LEV2	Electronic linear expan. valve	SW4(I.B)	Switch(for model selection)
<DS>	Drain sensor	SW5(A.B)	Switch(for voltage selection)
S.B	Surge absorber board	X04-X06	Aux.relay
52F	Contactor (fan motor)	49F	Inner thermostat

inside < > is the optional parts

5. SOUND LEVELS

5-1. Sound levels

PEFY-P-VMR-E-L/R,VMS1(L)-E,VMH-E



* Measured in anechoic room.

Sound level at anechoic room : Low-Mid-High

		Sound level dB (A)
PEFY-P20VMR-E-L/R	220V	20-25-30
	230V	21-26-32
	240V	22-27-30
PEFY-P25VMR-E-L/R	220V	20-25-30
	230V	21-26-32
	240V	22-27-30
PEFY-P32VMR-E-L/R	220V	20-25-33
	230V	21-26-35
	240V	22-27-33

Sound level at anechoic room : Low-Mid-High

		Sound level dB (A)			
		5Pa	15Pa	35Pa	50Pa
PEFY-P15VMS1(L)-E	220-240V	22-24-26	22-24-28	23-26-29	23-27-30
PEFY-P20VMS1(L)-E	220-240V	22-25-28	23-25-29	24-27-30	25-28-32
PEFY-P25VMS1(L)-E	220-240V	22-25-29	23-26-30	24-28-31	25-29-33
PEFY-P32VMS1(L)-E	220-240V	23-27-30	23-27-32	24-28-33	25-29-34
PEFY-P40VMS1(L)-E	220-240V	26-28-30	28-30-33	30-32-35	31-33-36
PEFY-P50VMS1(L)-E	220-240V	29-31-34	30-32-35	31-34-37	32-34-38
PEFY-P63VMS1(L)-E	220-240V	29-32-35	30-33-36	31-35-39	32-36-40

Sound level at anechoic room : Low-High

		Sound level dB (A)		
		Low*	Mid*	High*
PEFY-P40VMH-E	220V	25-30	27-34	30-40
PEFY-P50VMH-E	230, 240V	30-34	31-37	31-41
PEFY-P63VMH-E	220V	31-36	32-38	36-43
	230, 240V	35-39	36-41	38-44
PEFY-P71VMH-E	220V	30-36	32-39	35-43
	230, 240V	34-39	35-41	37-44
PEFY-P80VMH-E	220V	32-39	35-41	37-43
	230, 240V	37-41	38-43	39-45
PEFY-P100,125VMH-E	220V	32-40	34-42	36-46
PEFY-P140VMHE	230, 240V	36-42	38-44	38-47
PEFY-P200VMH-E	380V	42	–	45
	400, 415V	44	–	47
PEFY-P250VMH-E	380V	50	–	52
	400, 415V	52	–	54

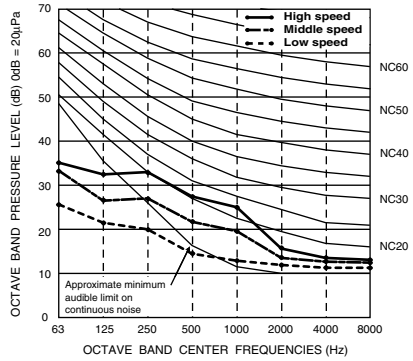
* External static pressure of PEFY-P40-140VMH-E
Low : 50Pa at 220V, 100Pa at 230, 240V
Mid : 100Pa at 220V, 150Pa at 230, 240V
High : 200Pa at 220V, 200Pa at 230, 240V

* External static pressure of PEFY-P200-250VMH-E
Low : 110Pa at 380V, 130Pa at 400,415V
High : 220Pa at 380V, 260Pa at 400,415V

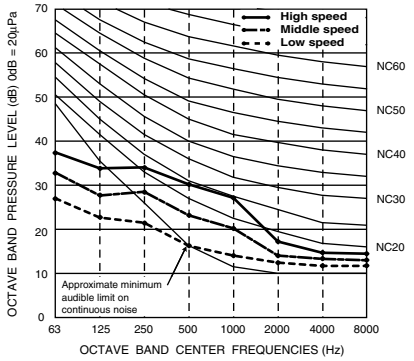
5. SOUND LEVELS

5-2. NC curves

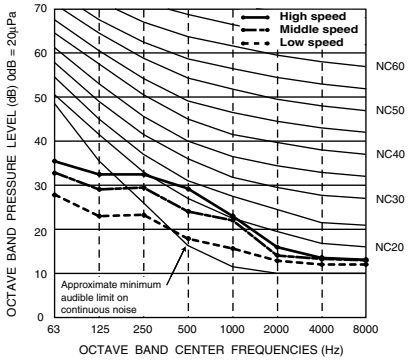
PEFY-P20,25VMR-E-L/R
External static pressure : 5Pa
Power source : 220V, 50/60Hz



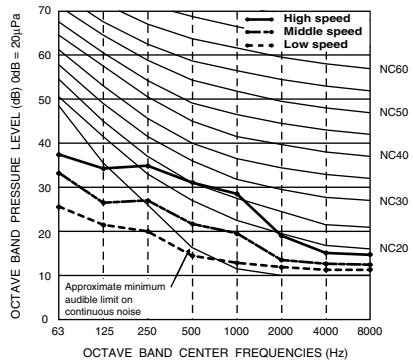
PEFY-P20,25VMR-E-L/R
External static pressure : 5Pa
Power source : 230V, 50/60Hz



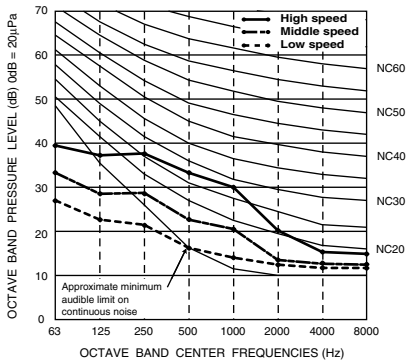
PEFY-P20,25VMR-E-L/R
External static pressure : 5Pa
Power source : 240V, 50Hz



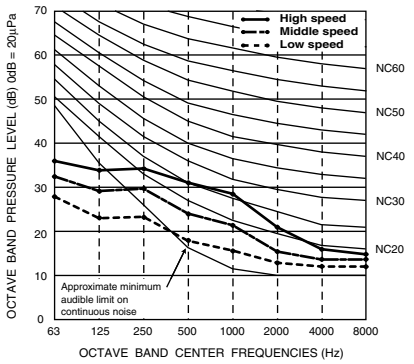
PEFY-P32VMR-E-L/R
External static pressure : 5Pa
Power source : 220V, 50/60Hz



PEFY-P32VMR-E-L/R
External static pressure : 5Pa
Power source : 230V, 50/60Hz



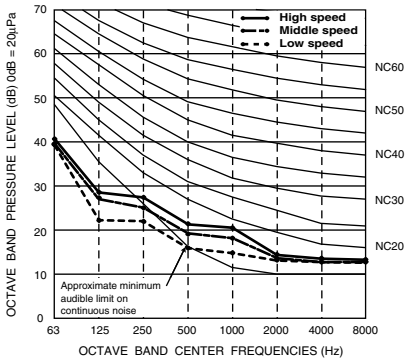
PEFY-P32VMR-E-L/R
External static pressure : 5Pa
Power source : 240V, 50Hz



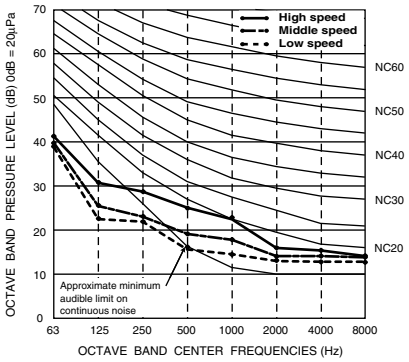
5. SOUND LEVELS

5-2. NC curves

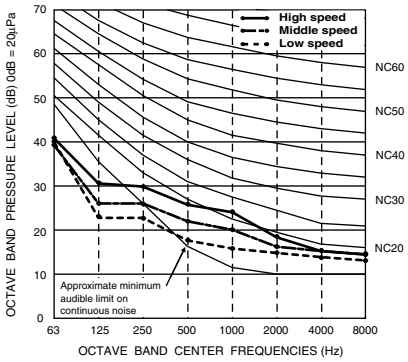
PEFY-P15VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz



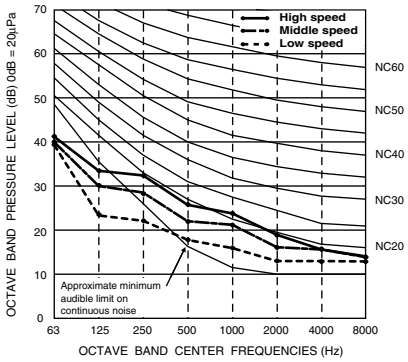
PEFY-P15VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz



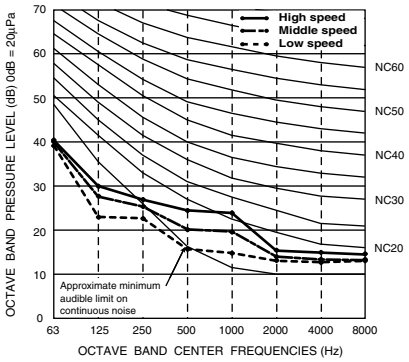
PEFY-P15VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60HzHz



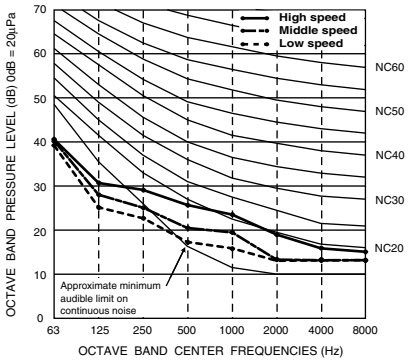
PEFY-P15VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz



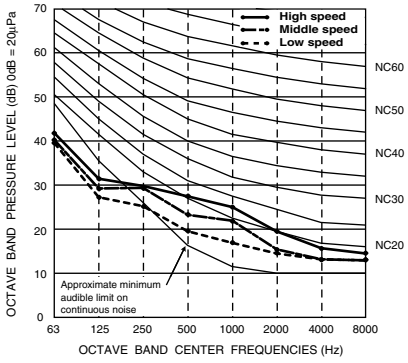
PEFY-P20VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz



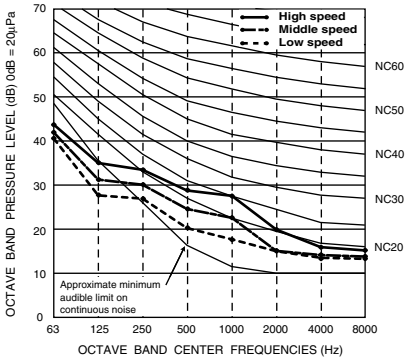
PEFY-P20VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz



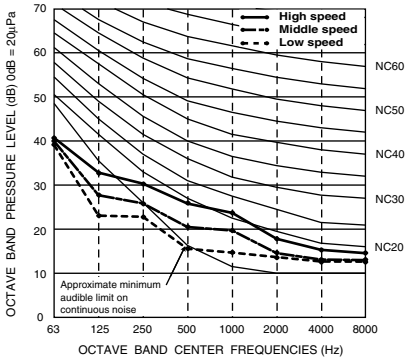
PEFY-P20VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60Hz



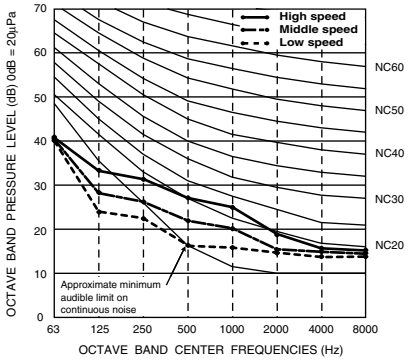
PEFY-P20VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz



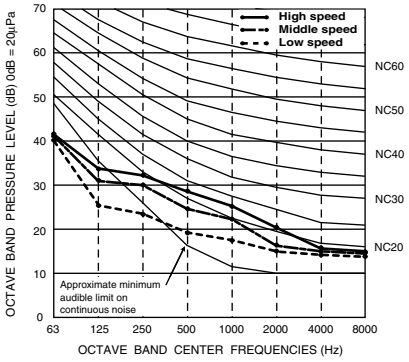
PEFY-P25VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz



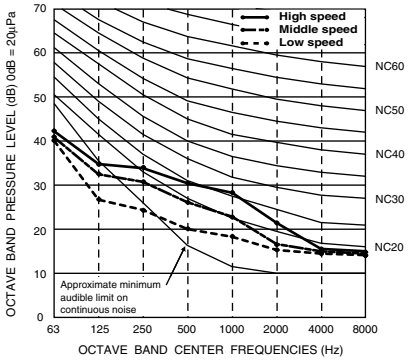
PEFY-P25VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz



PEFY-P25VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60Hz

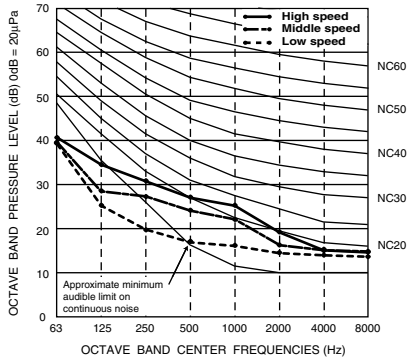


PEFY-P25VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz

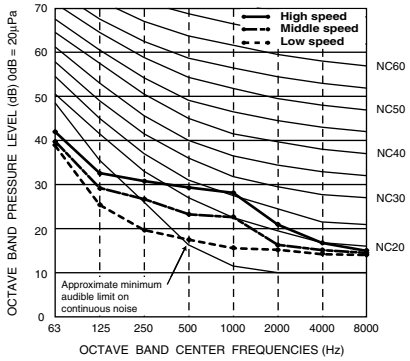


5-2. NC curves

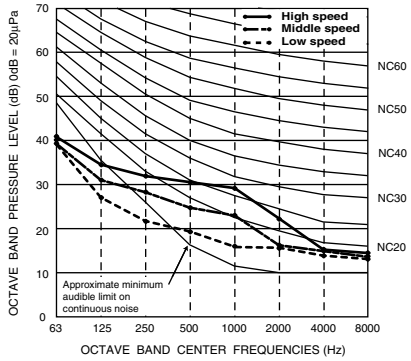
PEFY-P32VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz



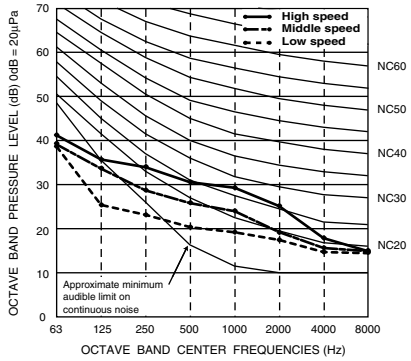
PEFY-P32VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz



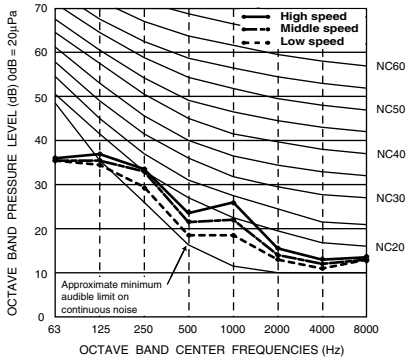
PEFY-P32VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60HzHz



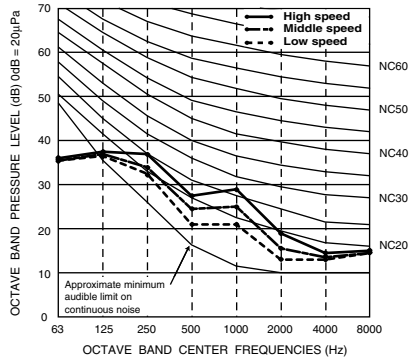
PEFY-P32VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz



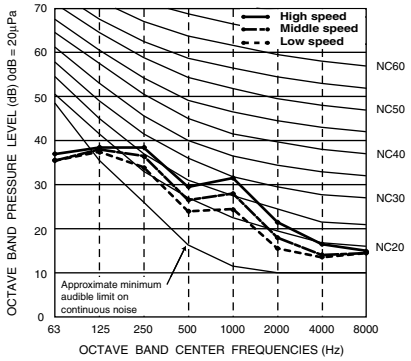
PEFY-P40VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz



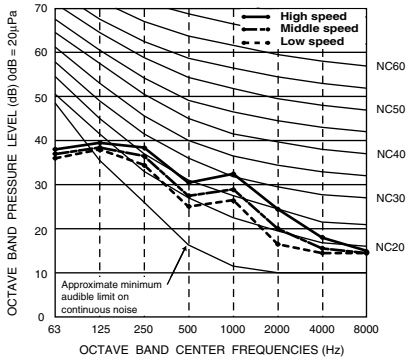
PEFY-P40VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz



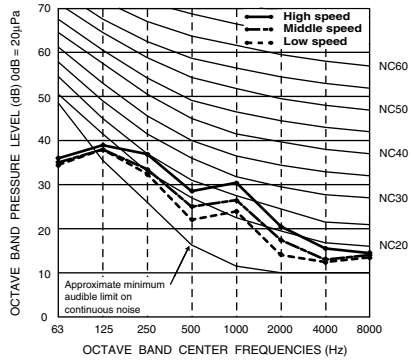
PEFY-P40VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60Hz



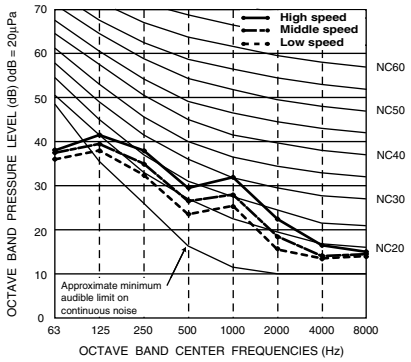
PEFY-P40VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz



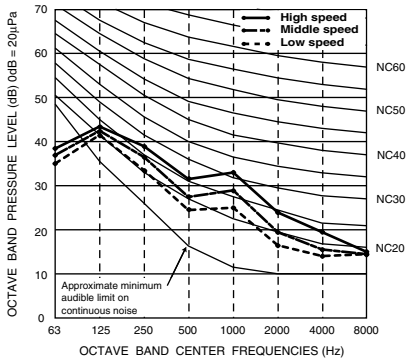
PEFY-P50VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz



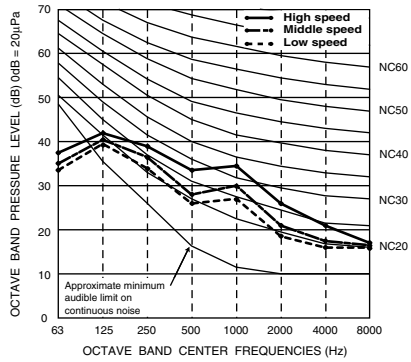
PEFY-P50VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz



PEFY-P50VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60Hz

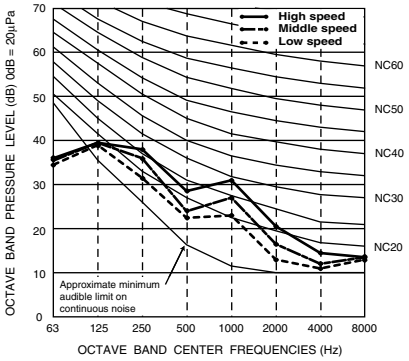


PEFY-P50VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz

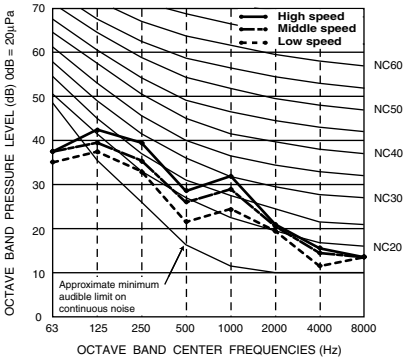


5-2. NC curves

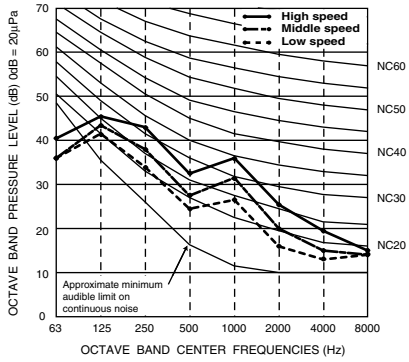
PEFY-P63VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz



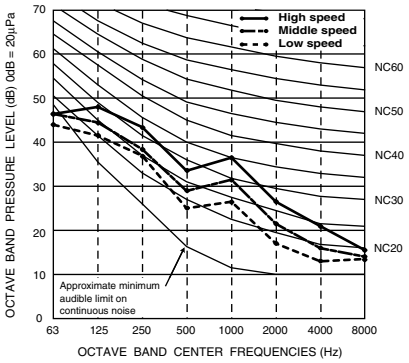
PEFY-P63VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz



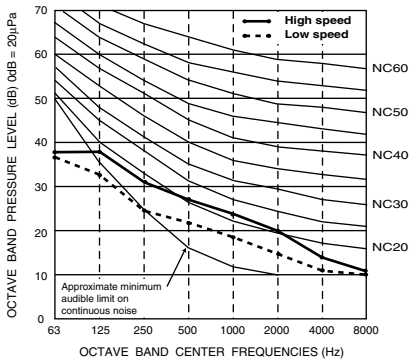
PEFY-P63VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60Hz



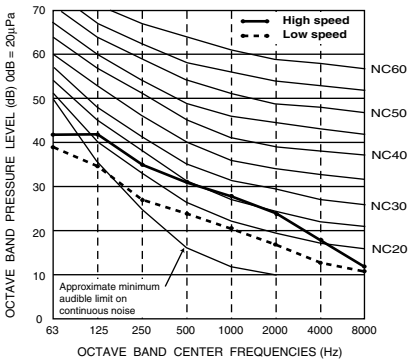
PEFY-P63VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz



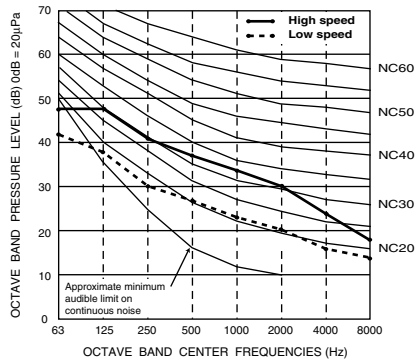
PEFY-P40,50VMH-E
External static pressure : 50Pa
Power source : 220V, 50/60Hz



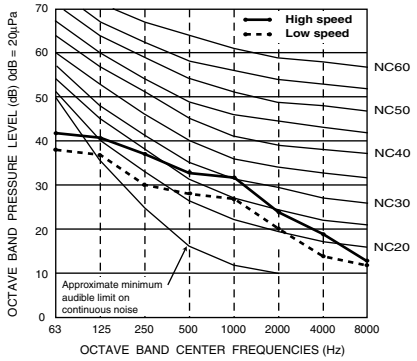
PEFY-P40,50VMH-E
External static pressure : 100Pa
Power source : 220V, 50/60Hz



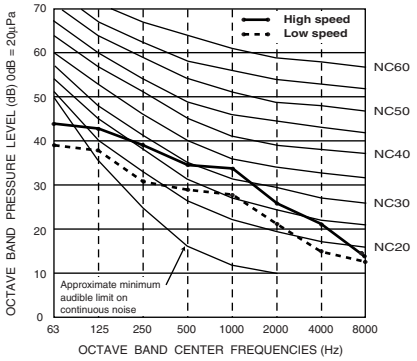
PEFY-P40,50VMH-E
External static pressure : 200Pa
Power source : 220V, 50/60Hz



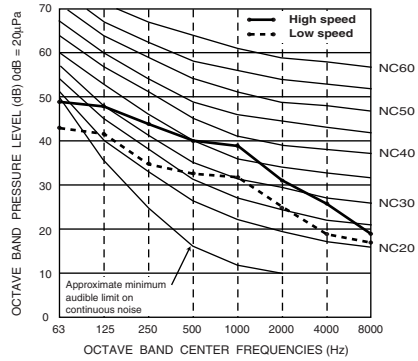
PEFY-P63VMH-E
External static pressure : 50Pa
Power source : 220V, 50/60Hz



PEFY-P63VMH-E
External static pressure : 100Pa
Power source : 220V, 50/60Hz

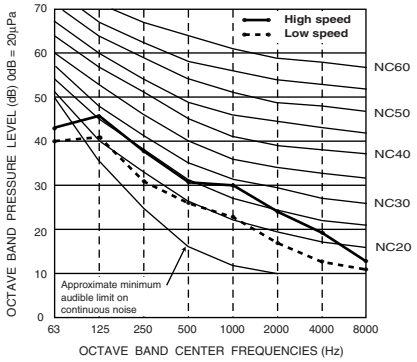


PEFY-P63VMH-E
External static pressure : 200Pa
Power source : 220V, 50/60Hz

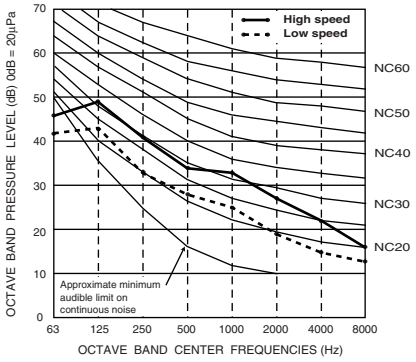


5-2. NC curves

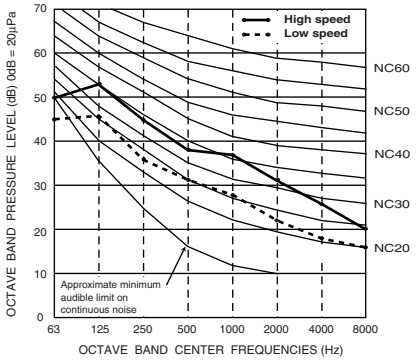
PEFY-P71VMH-E
External static pressure : 50Pa
Power source : 220V, 50/60Hz



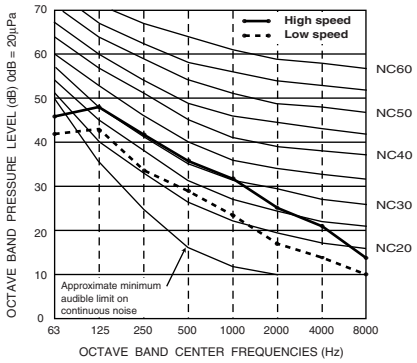
PEFY-P71VMH-E
External static pressure : 100Pa
Power source : 220V, 50/60Hz



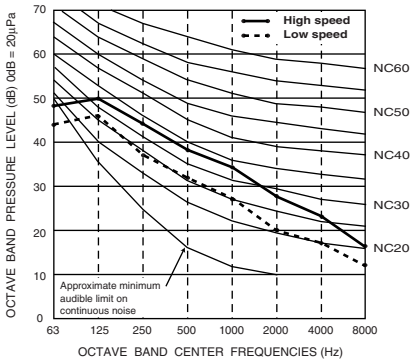
PEFY-P71VMH-E
External static pressure : 200Pa
Power source : 220V, 50/60Hz



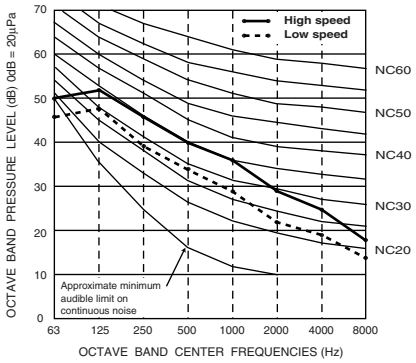
PEFY-P80VMH-E
External static pressure : 50Pa
Power source : 220V, 50/60Hz



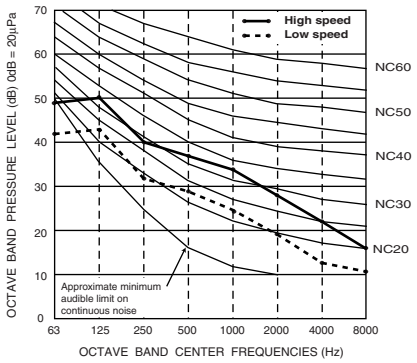
PEFY-P80VMH-E
External static pressure : 100Pa
Power source : 220V, 50/60Hz



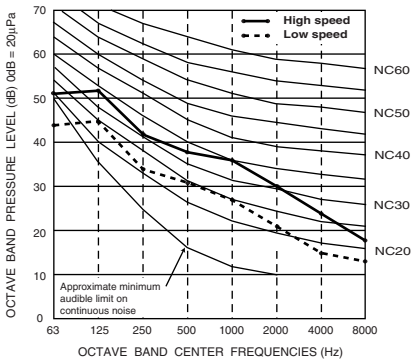
PEFY-P80VMH-E
External static pressure : 200Pa
Power source : 220V, 50/60Hz



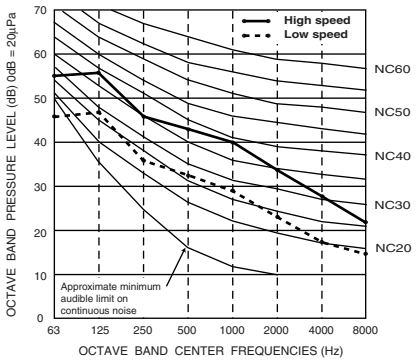
PEFY-P100,125,140VMH-E
External static pressure : 50Pa
Power source : 220V, 50/60Hz



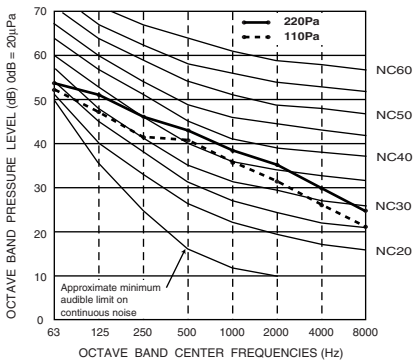
PEFY-P100,125,140VMH-E
External static pressure : 100Pa
Power source : 220V, 50/60Hz



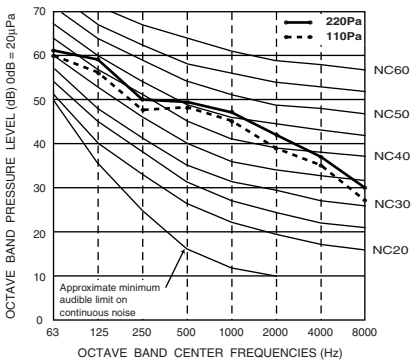
PEFY-P100,125,140VMH-E
External static pressure : 200Pa
Power source : 220V, 50/60Hz



PEFY-P200VMH-E
External static pressure : 110,220Pa
Power source : 380V, 50/60Hz

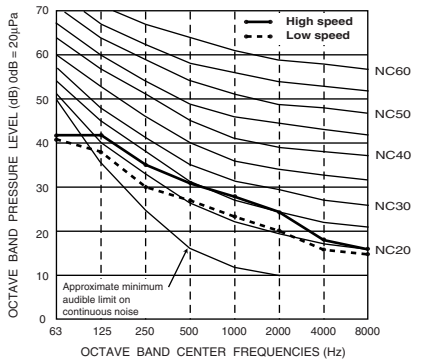


PEFY-P250VMH-E
External static pressure : 110,220Pa
Power source : 380V, 50/60Hz

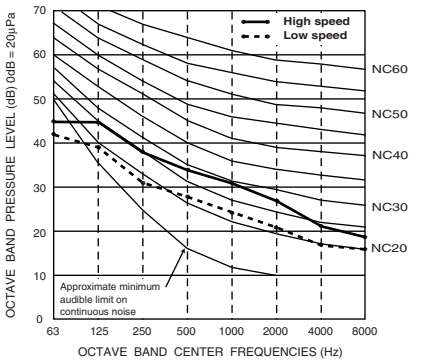


5-2. NC curves

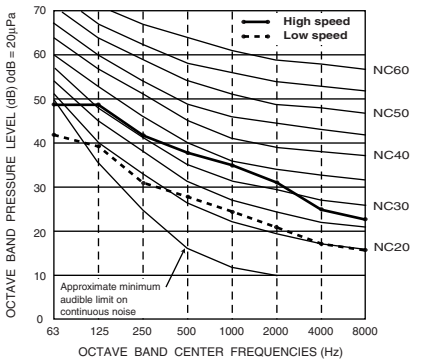
PEFY-P40,50VMH-E
External static pressure : 100Pa
Power source : 230,240V, 50/60Hz



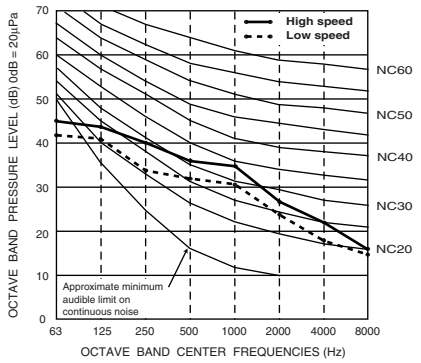
PEFY-P40,50VMH-E
External static pressure : 150Pa
Power source : 230,240V, 50/60Hz



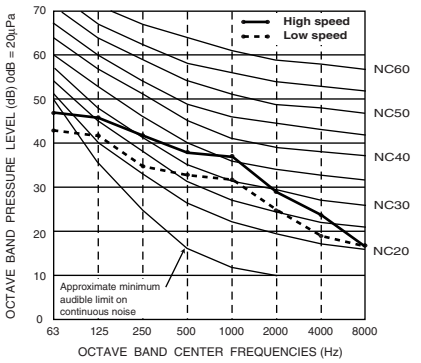
PEFY-P40,50VMH-E
External static pressure : 200Pa
Power source : 230,240V, 50/60Hz



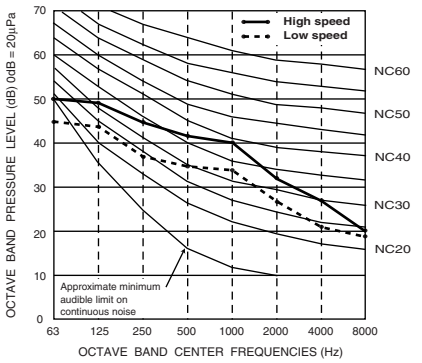
PEFY-P63VMH-E
External static pressure : 100Pa
Power source : 230,240V, 50/60Hz



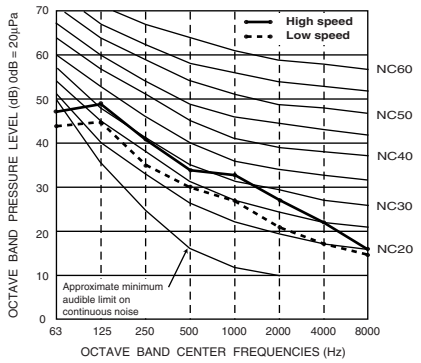
PEFY-P63VMH-E
External static pressure : 150Pa
Power source : 230,240V, 50/60Hz



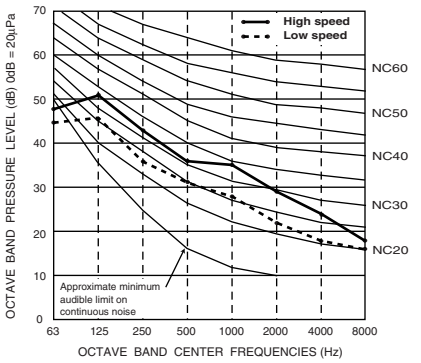
PEFY-P63VMH-E
External static pressure : 200Pa
Power source : 230,240V, 50/60Hz



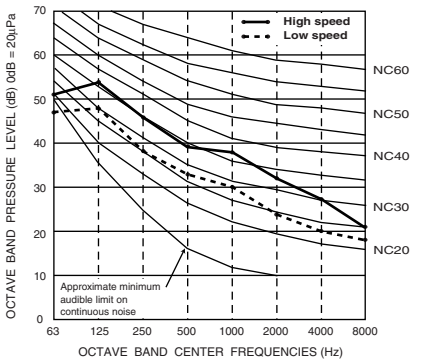
PEFY-P71VMH-E
External static pressure : 100Pa
Power source : 230,240V, 50/60Hz



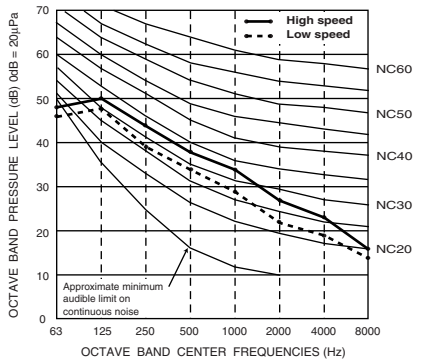
PEFY-P71VMH-E
External static pressure : 150Pa
Power source : 230,240V, 50/60Hz



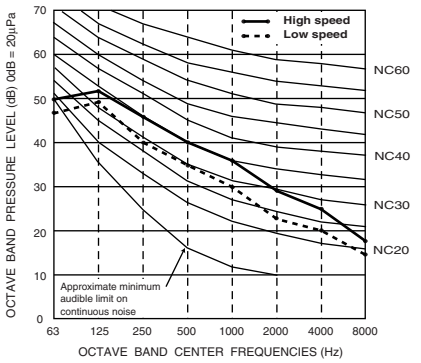
PEFY-P71VMH-E
External static pressure : 200Pa
Power source : 230,240V, 50/60Hz



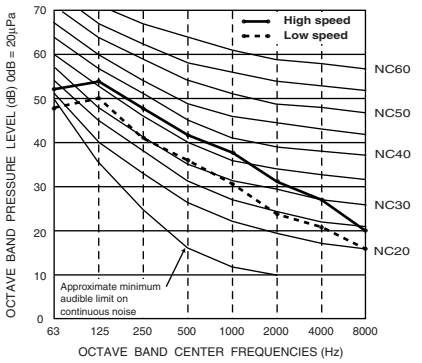
PEFY-P80VMH-E
External static pressure : 100Pa
Power source : 230,240V, 50/60Hz



PEFY-P80VMH-E
External static pressure : 150Pa
Power source : 230,240V, 50/60Hz

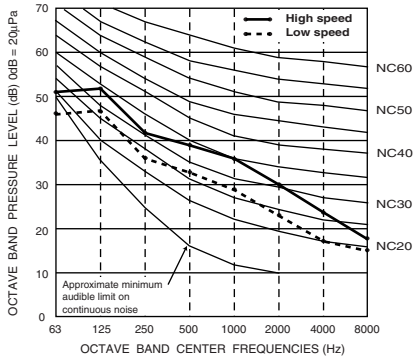


PEFY-P80VMH-E
External static pressure : 200Pa
Power source : 230,240V, 50/60Hz

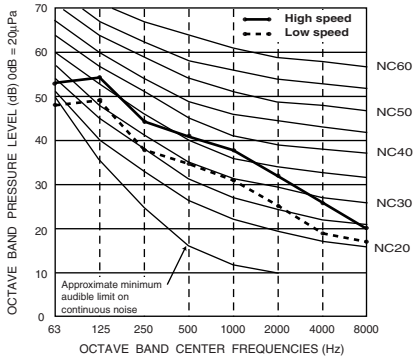


5-2. NC curves

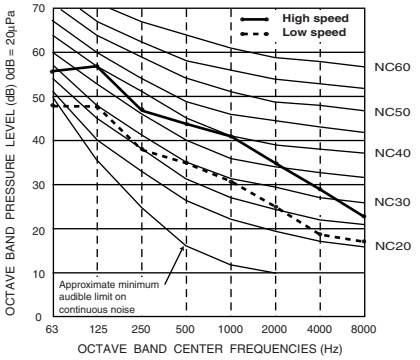
PEFY-P100,125,140VMH-E
External static pressure : 100Pa
Power source : 230,240V, 50/60Hz



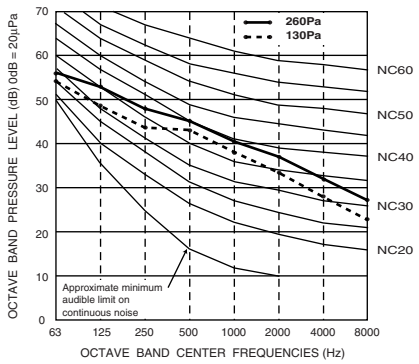
PEFY-P100,125,140VMH-E
External static pressure : 150Pa
Power source : 230,240V, 50/60Hz



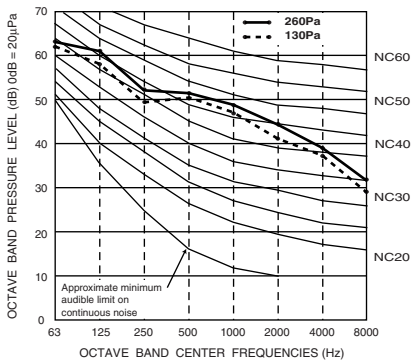
PEFY-P100,125,140VMH-E
External static pressure : 200Pa
Power source : 230,240V, 50/60Hz



PEFY-P200VMH-E
External static pressure : 130,260Pa
Power source : 400,415V, 50/60Hz



PEFY-P250VMH-E
External static pressure : 130,260Pa
Power source : 400,415V, 50/60Hz



PEFY

5-3. Fan characteristics curves

PEFY-P20,25VMR-E-L/R

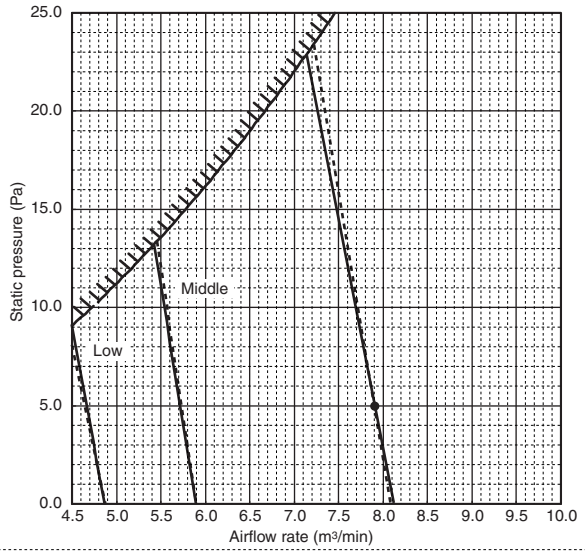
External static pressure : 5Pa

Power source : 220,230,240V

Suction : Back inlet

50Hz

60Hz



PEFY-P32VMR-E-L/R

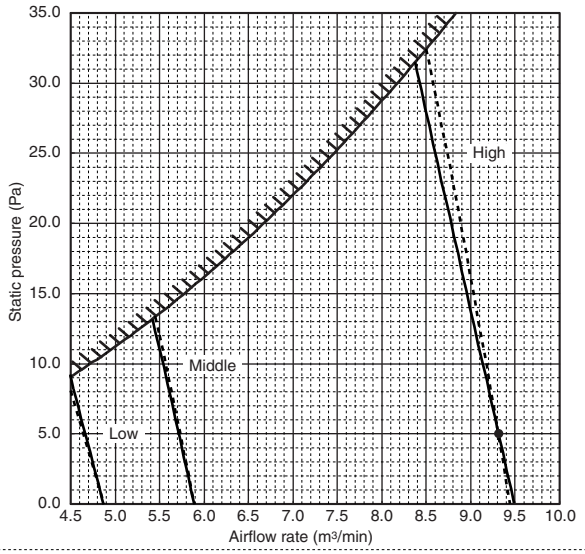
External static pressure : 5Pa

Power source : 220,230,240V

Suction : Back inlet

50Hz

60Hz

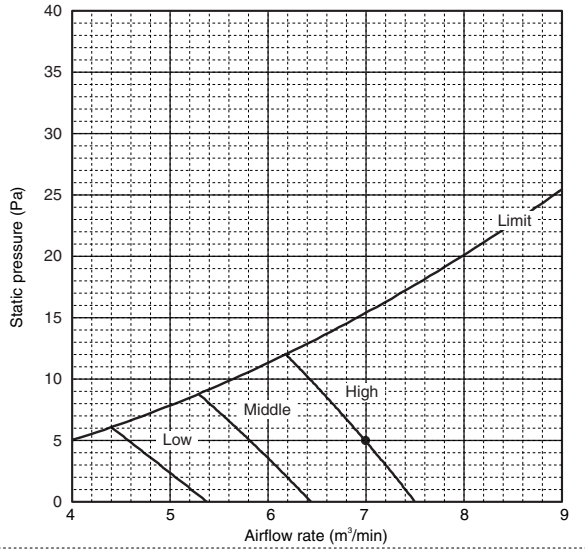


PEFY-P15VMS1(L)-E

External static pressure : 5Pa

Power source : 220,230,240V, 50/60Hz

Suction : Back inlet

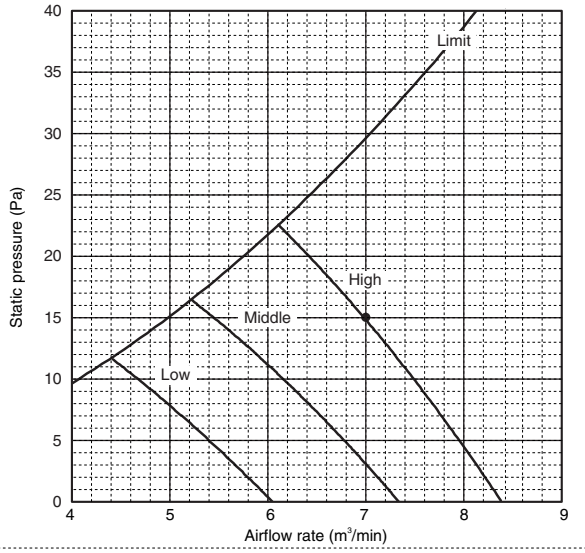


PEFY-P15VMS1(L)-E

External static pressure : 15Pa

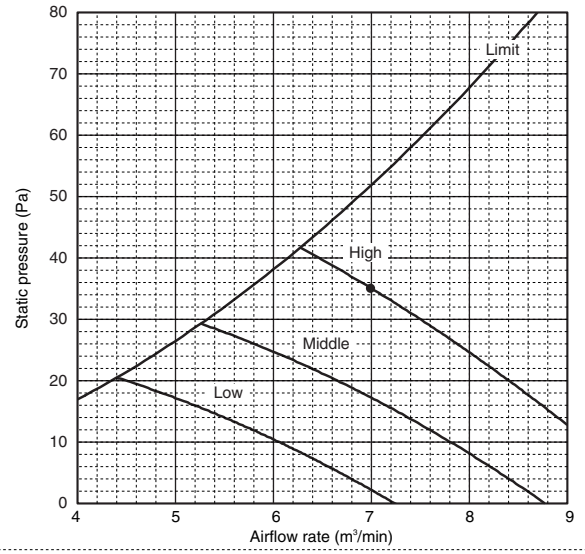
Power source : 220,230,240V, 50/60Hz

Suction : Back inlet

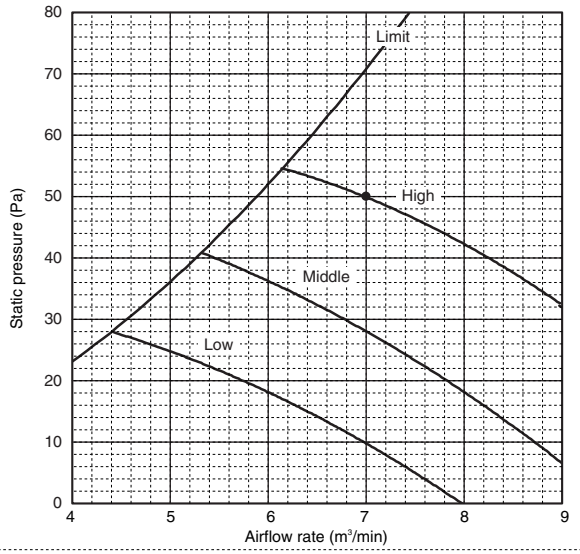


5-3. Fan characteristics curves

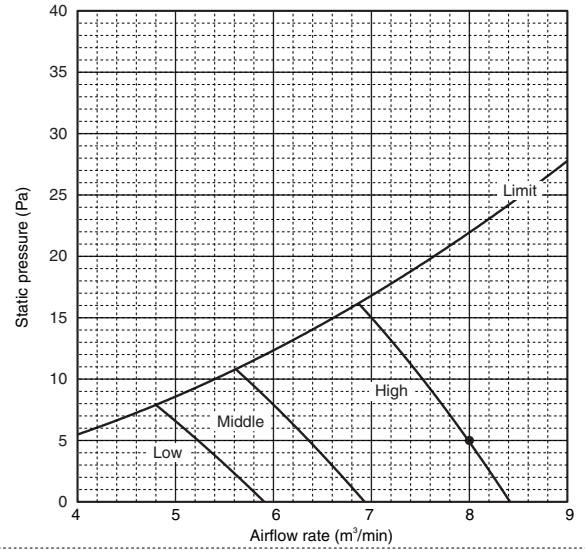
PEFY-P15VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



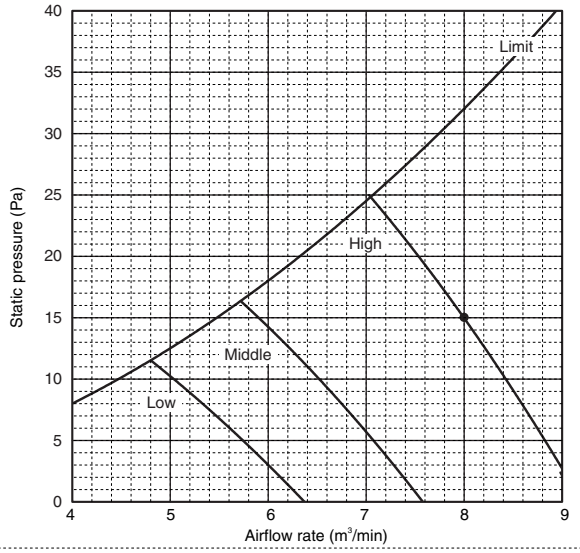
PEFY-P15VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



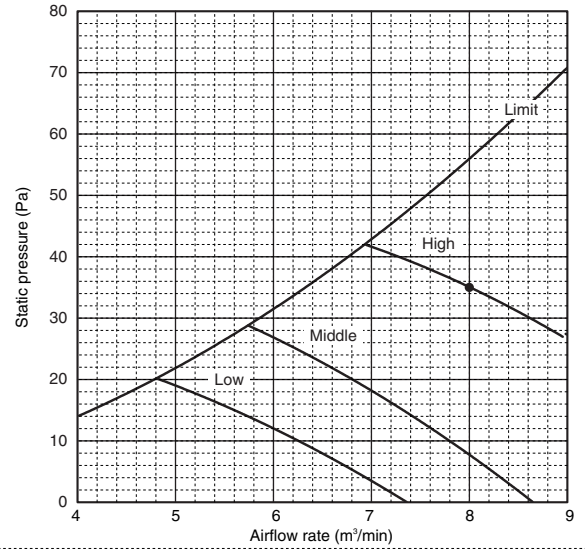
PEFY-P20VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



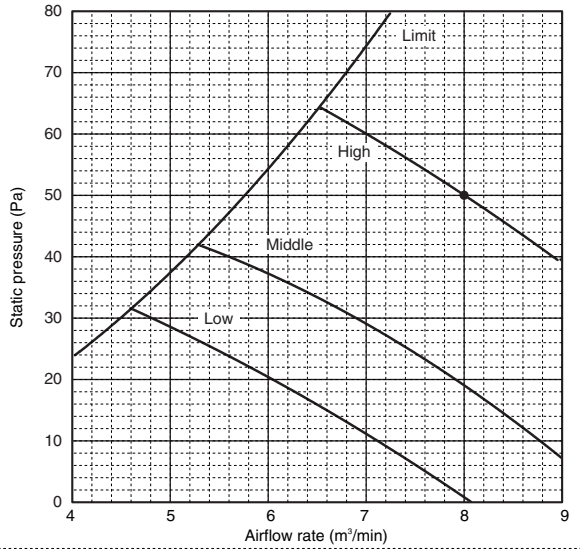
PEFY-P20VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



PEFY-P20VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet

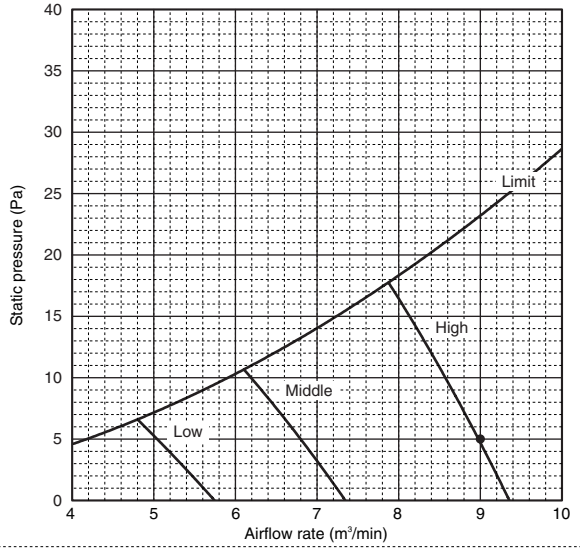


PEFY-P20VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet

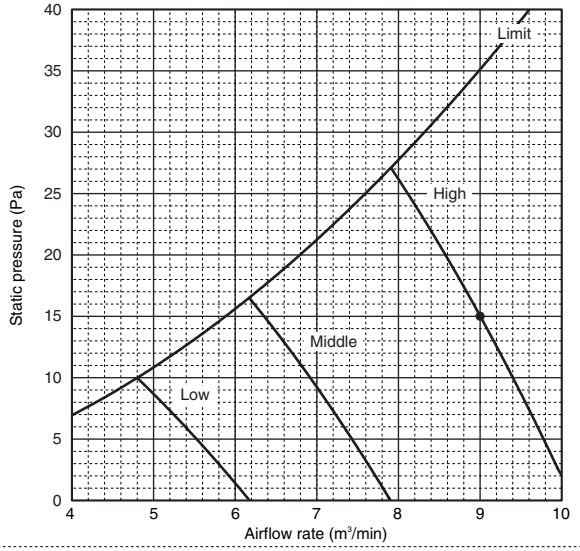


5-3. Fan characteristics curves

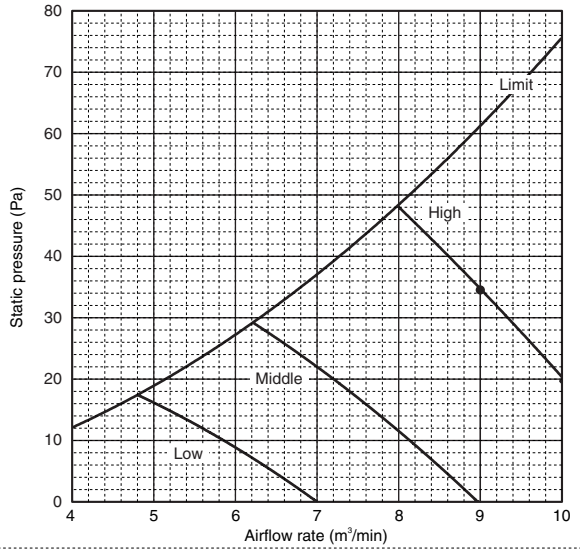
PEFY-P25VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



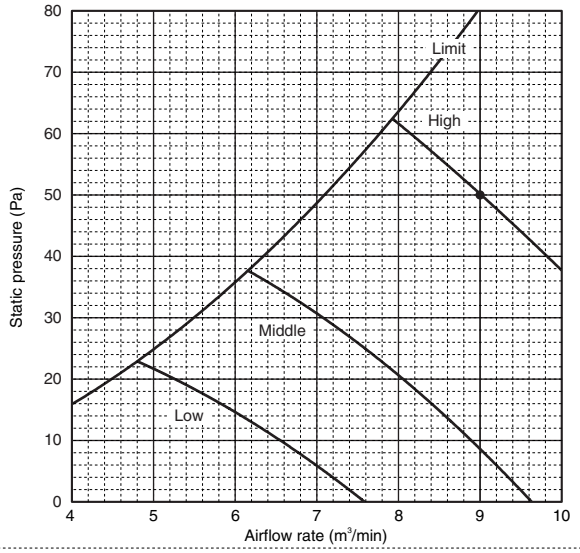
PEFY-P25VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



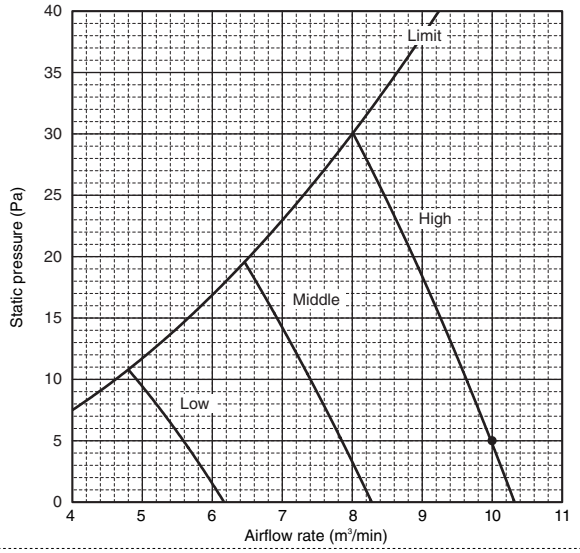
PEFY-P25VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



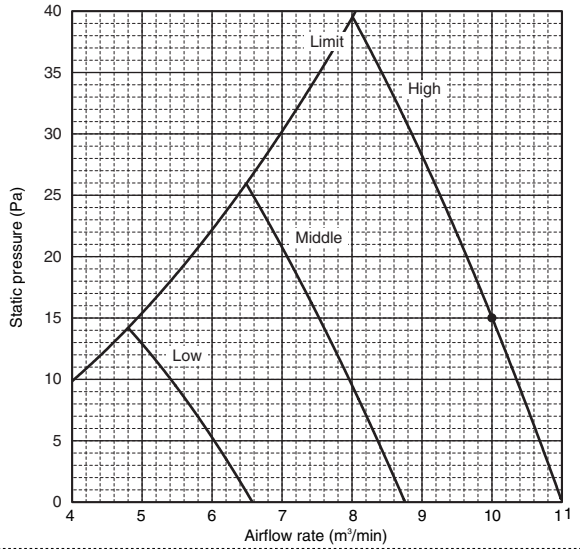
PEFY-P25VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



PEFY-P32VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



PEFY-P32VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



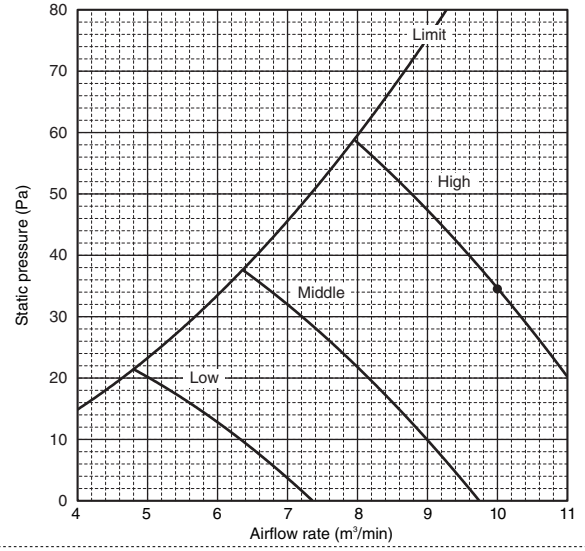
5-3. Fan characteristics curves

PEFY-P32VMS1(L)-E

External static pressure : 35Pa

Suction : Back inlet

Power source : 220,230,240V, 50/60Hz

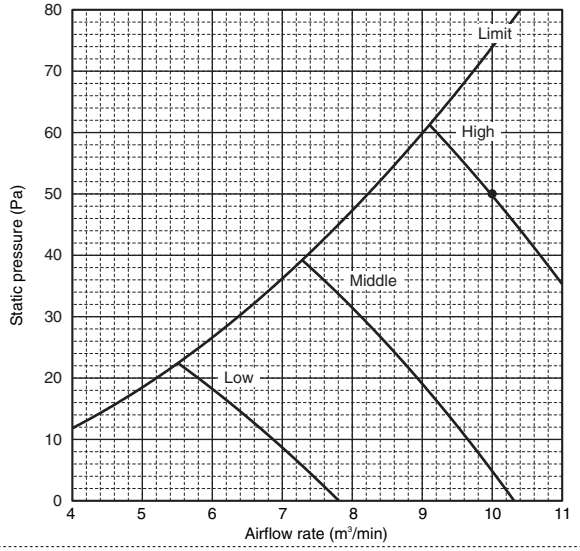


PEFY-P32VMS(L)-E

External static pressure : 50Pa

Suction : Back inlet

Power source : 220,230,240V, 50/60Hz

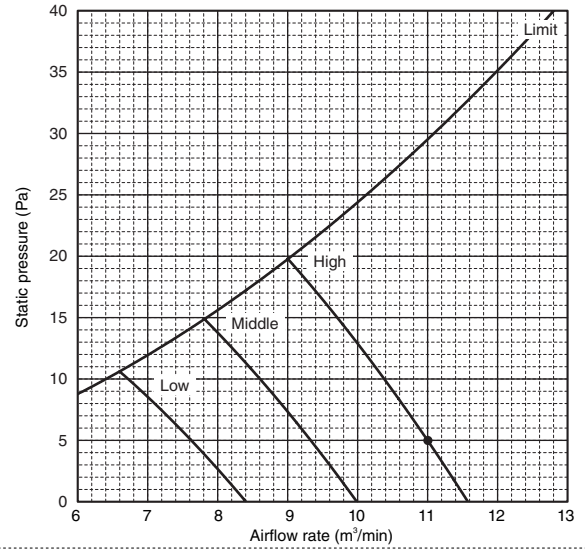


PEFY-P40VMS1(L)-E

External static pressure : 5Pa

Suction : Back inlet

Power source : 220,230,240V, 50/60Hz

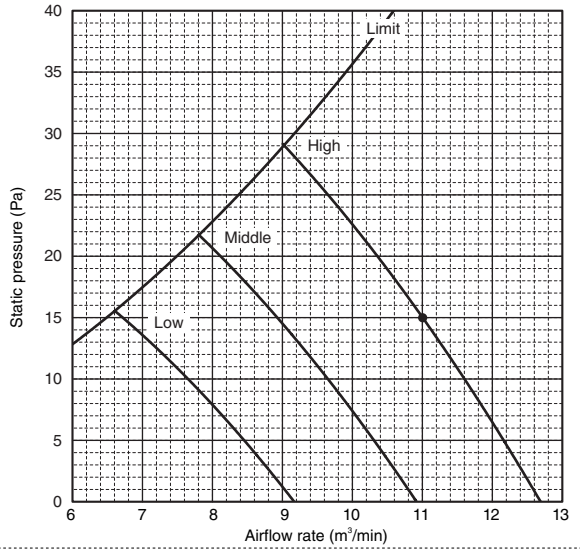


PEFY-P40VMS1(L)-E

External static pressure : 15Pa

Suction : Back inlet

Power source : 220,230,240V, 50/60Hz

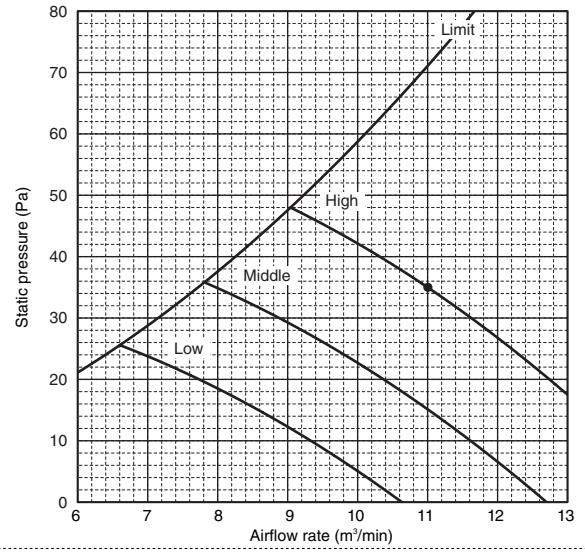


PEFY-P40VMS1(L)-E

External static pressure : 35Pa

Suction : Back inlet

Power source : 220,230,240V, 50/60Hz

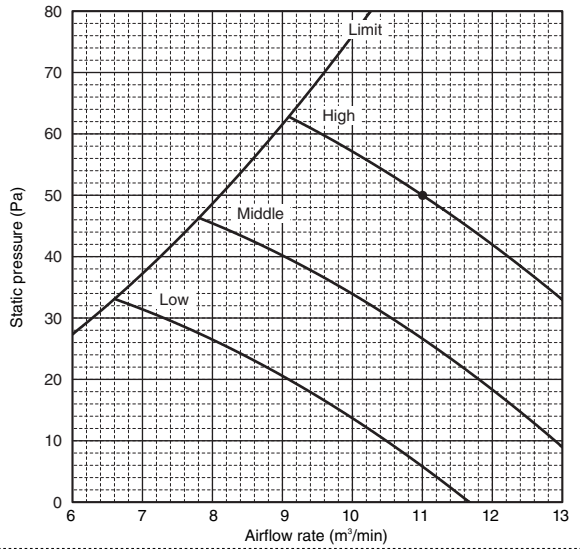


PEFY-P40VMS1(L)-E

External static pressure : 50Pa

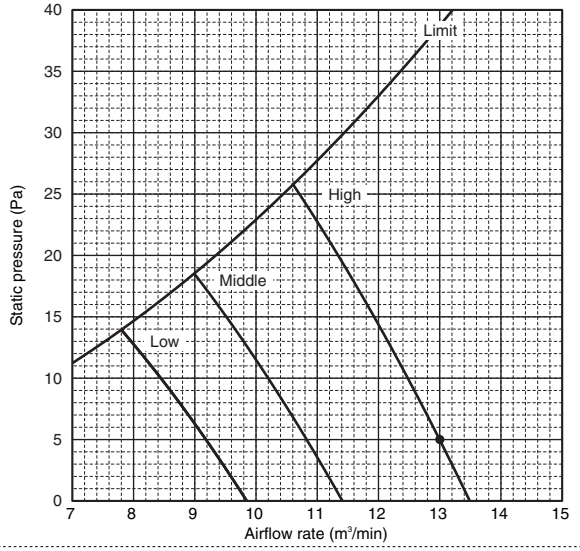
Suction : Back inlet

Power source : 220,230,240V, 50/60Hz

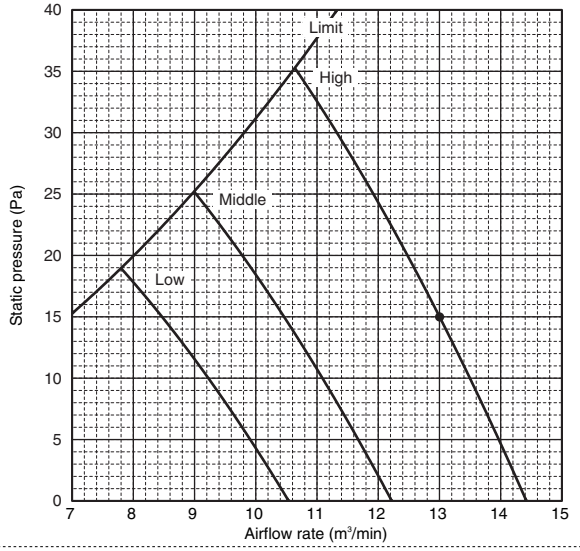


5-3. Fan characteristics curves

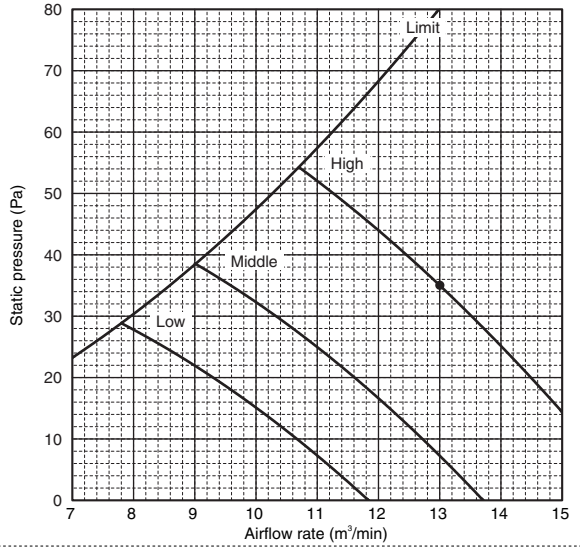
PEFY-P50VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



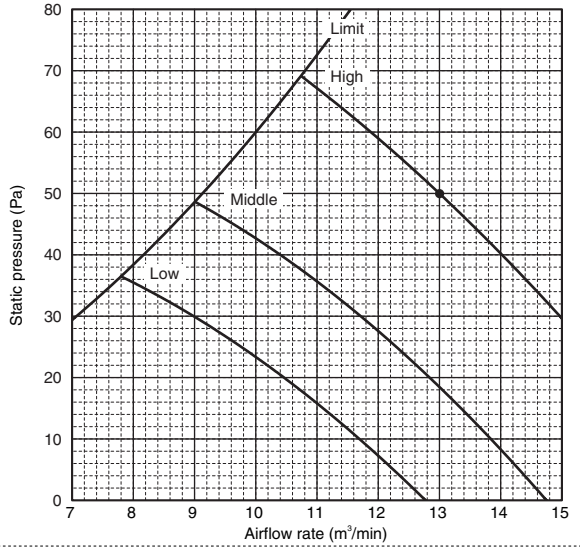
PEFY-P50VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



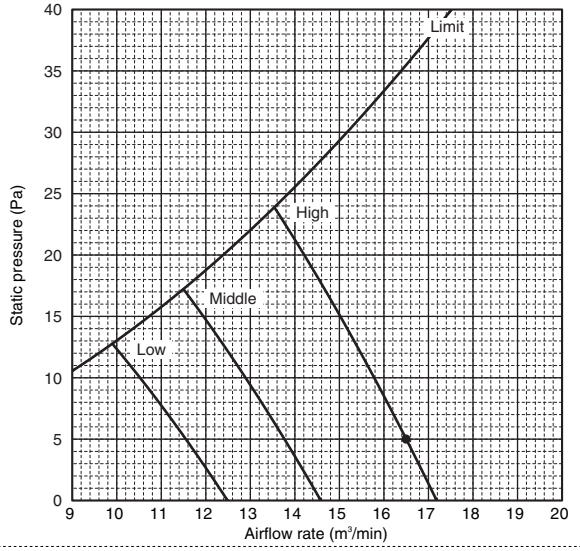
PEFY-P50VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



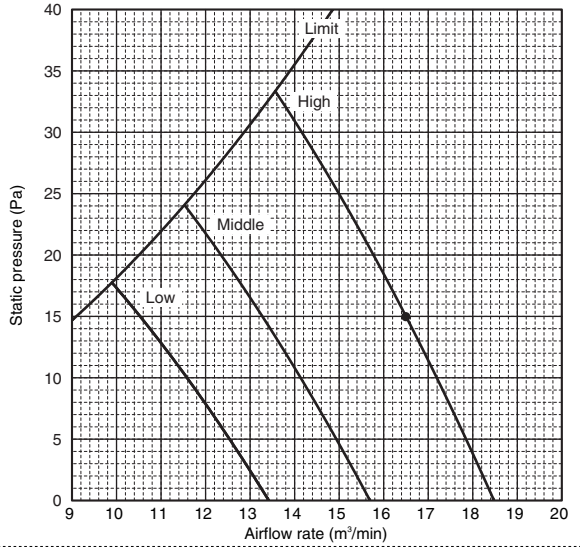
PEFY-P50VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



PEFY-P63VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet

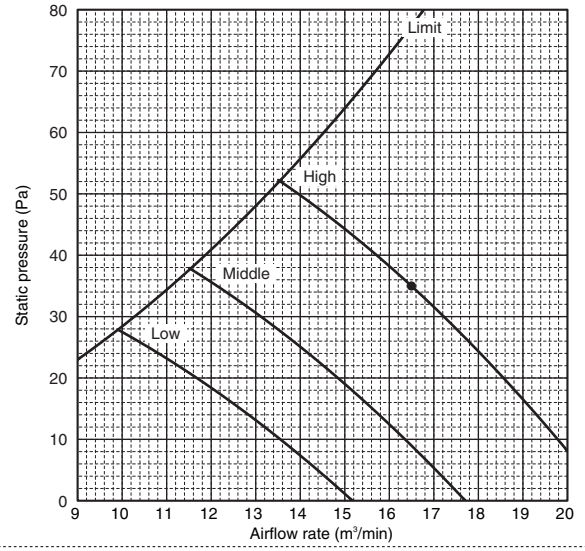


PEFY-P63VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet

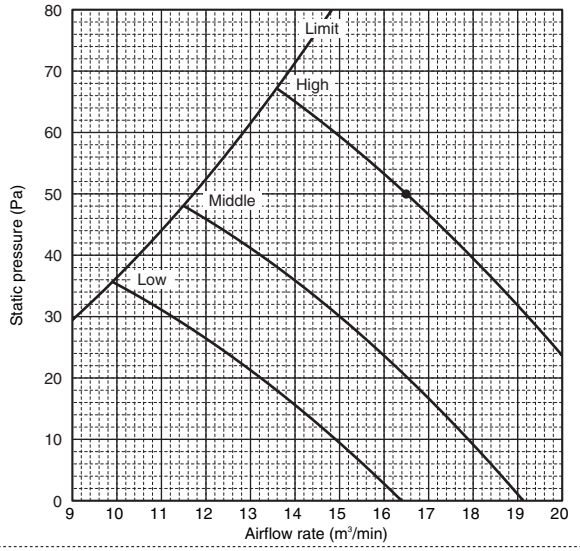


5-3. Fan characteristics curves

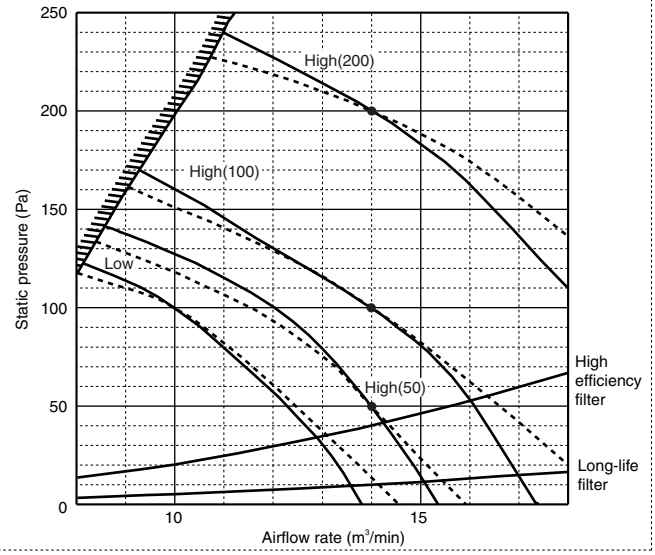
PEFY-P63VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



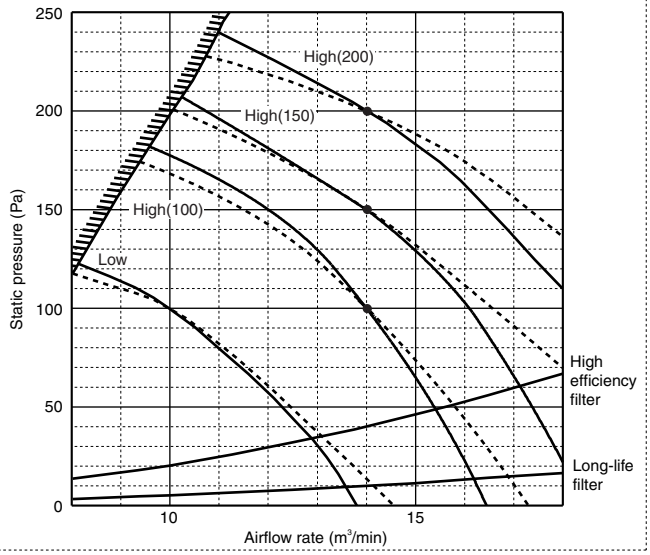
PEFY-P63VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz
Suction : Back inlet



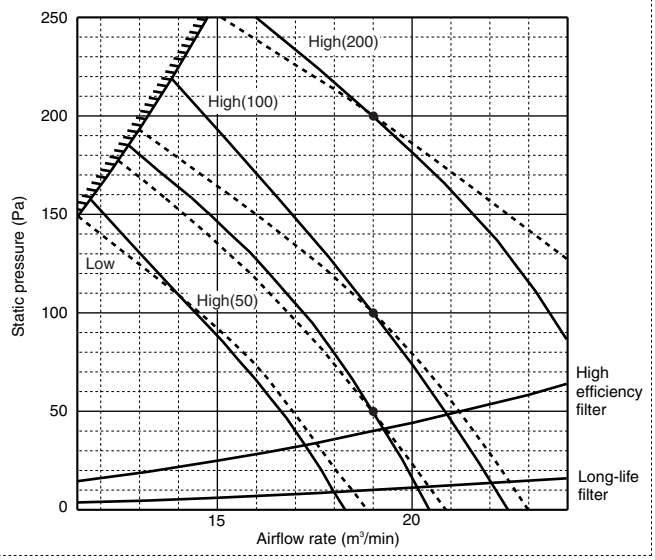
PEFY-P40,50VMH-E
External static pressure : 50,100,200Pa
Power source : 220V
Suction : Back inlet
50Hz
60Hz



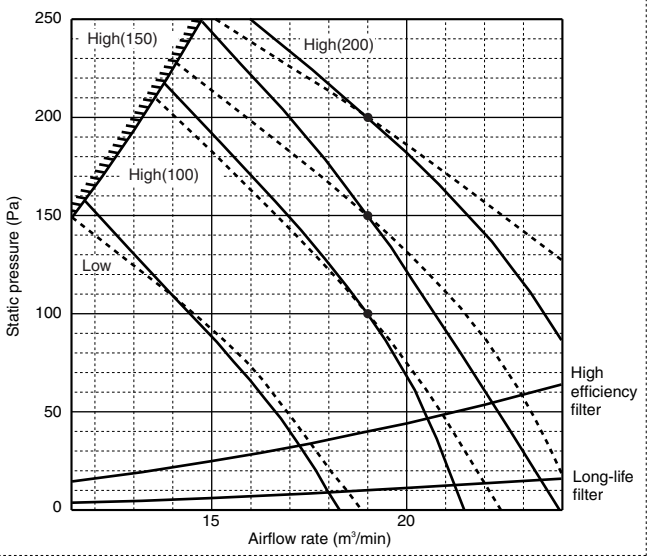
PEFY-P40,50VMH-E
External static pressure : 100,150,200Pa
Power source : 230,240V
Suction : Back inlet
50Hz
60Hz



PEFY-P63VMH-E
External static pressure : 50,100,200Pa
Power source : 220V
Suction : Back inlet
50Hz
60Hz



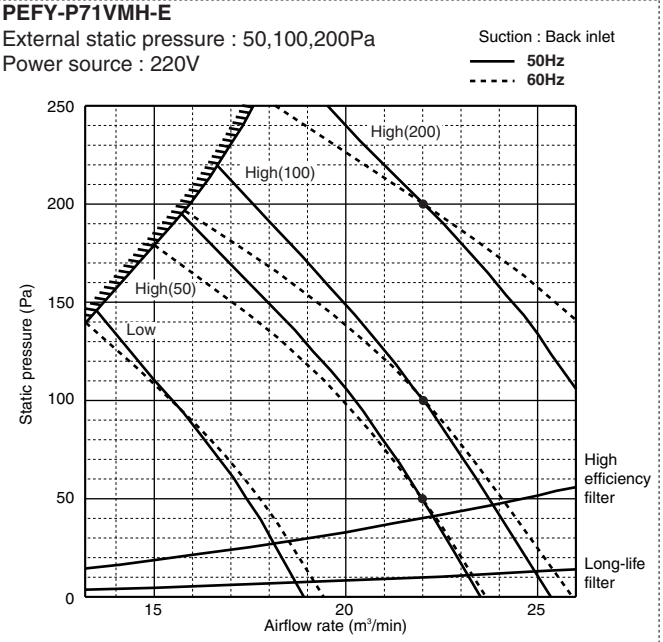
PEFY-P63VMH-E
External static pressure : 100,150,200Pa
Power source : 230,240V
Suction : Back inlet
50Hz
60Hz



5-3. Fan characteristics curves

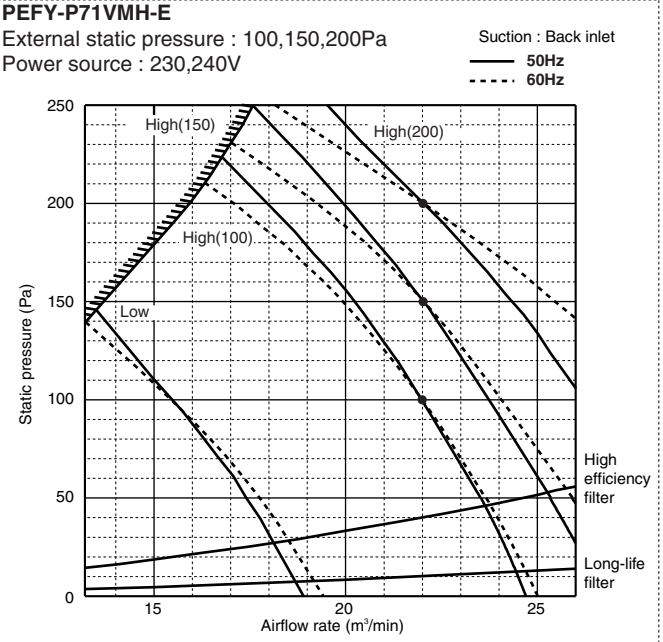
PEFY-P71VMH-E

External static pressure : 50,100,200Pa
Power source : 220V



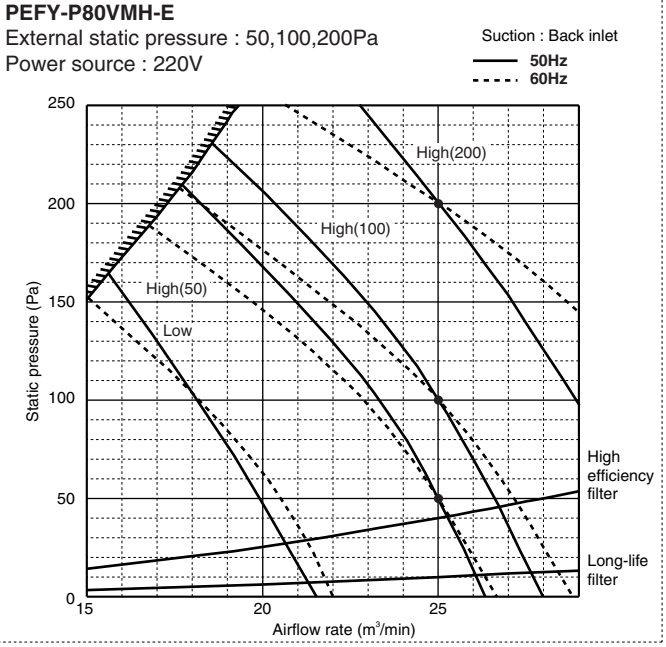
PEFY-P71VMH-E

External static pressure : 100,150,200Pa
Power source : 230,240V



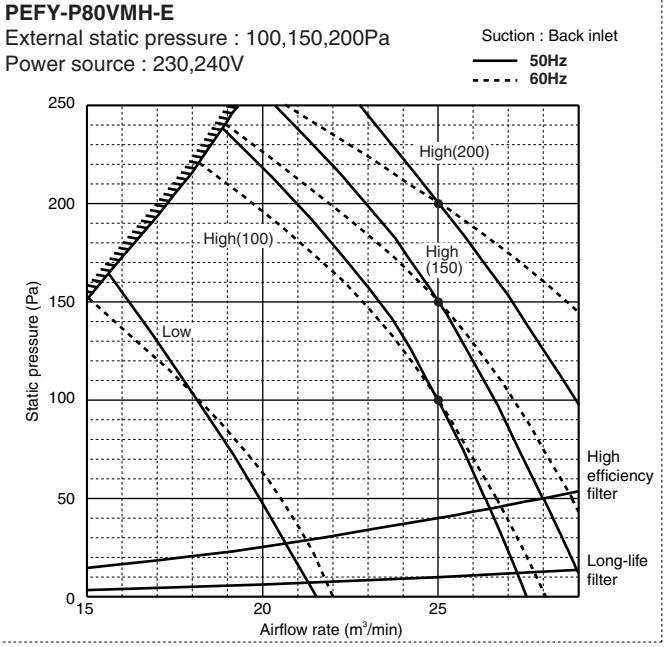
PEFY-P80VMH-E

External static pressure : 50,100,200Pa
Power source : 220V



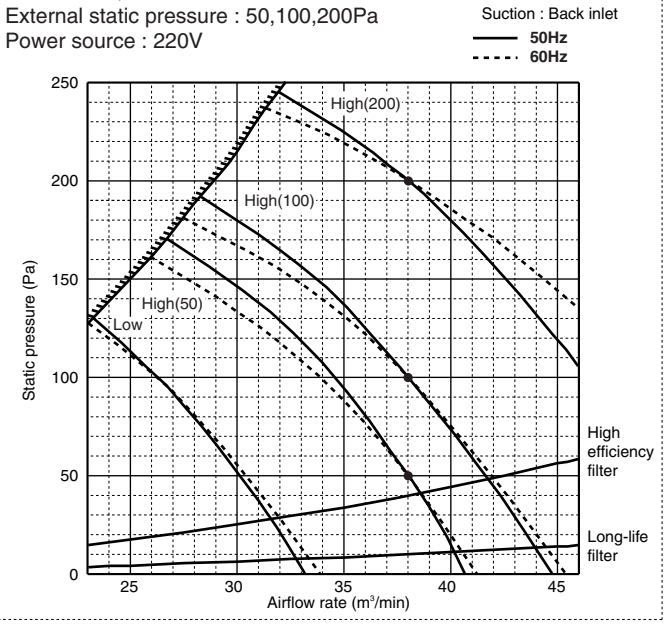
PEFY-P80VMH-E

External static pressure : 100,150,200Pa
Power source : 230,240V



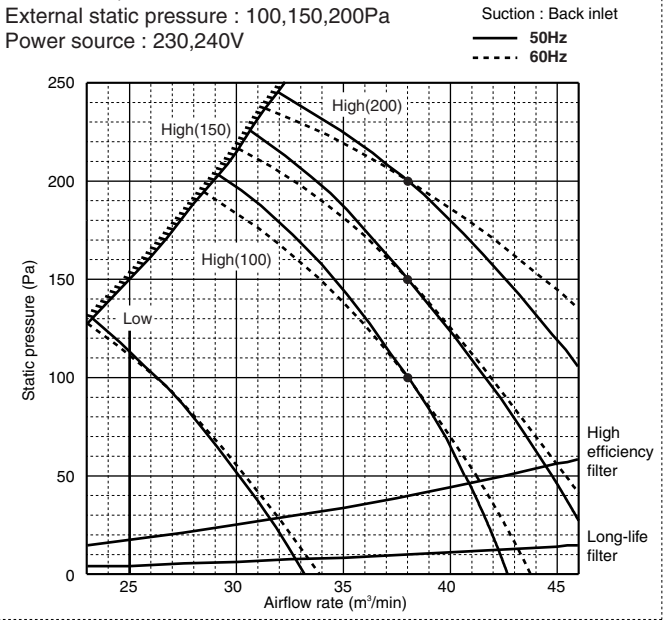
PEFY-P100,125VMH-E

External static pressure : 50,100,200Pa
Power source : 220V



PEFY-P100,125VMH-E

External static pressure : 100,150,200Pa
Power source : 230,240V

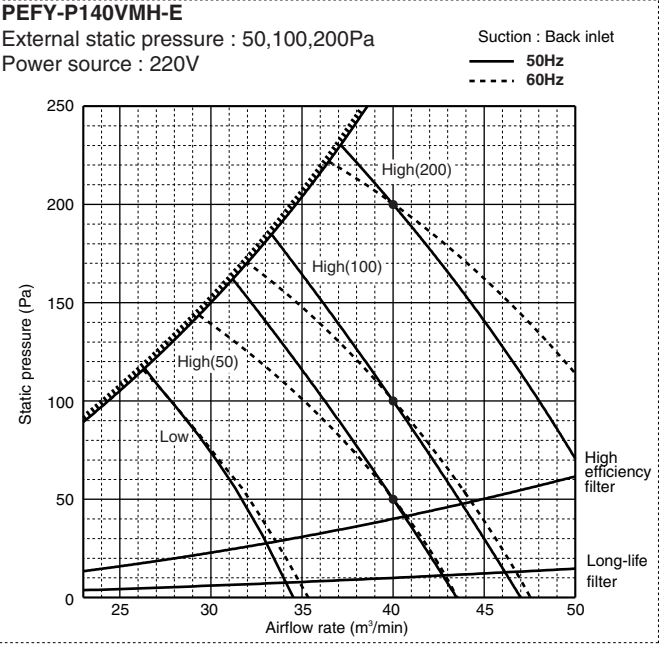


5. SOUND LEVELS

5-3. Fan characteristics curves

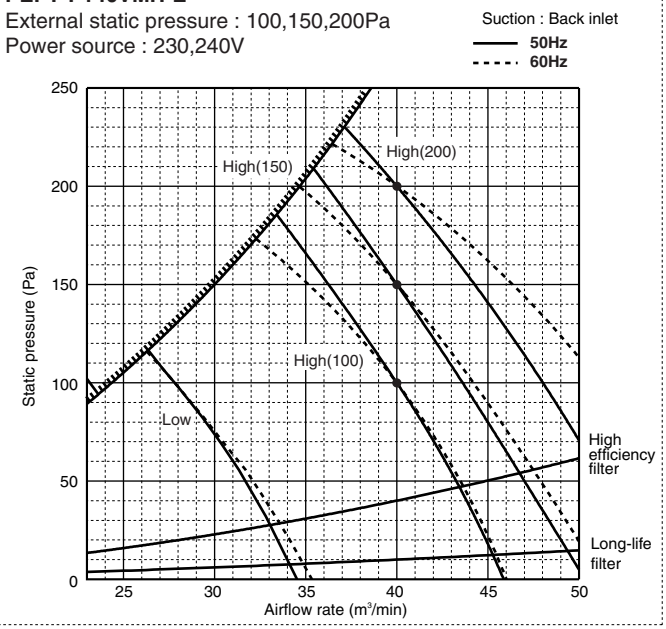
PEFY-P140VMH-E

External static pressure : 50,100,200Pa
Power source : 220V



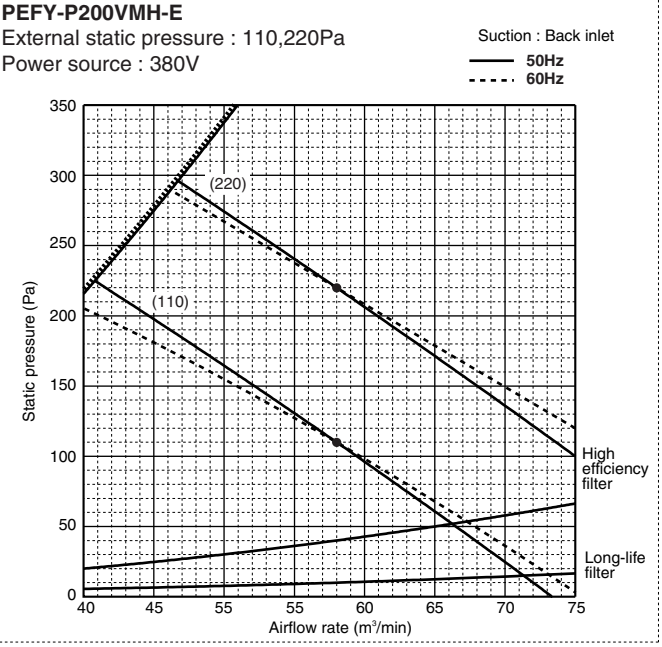
PEFY-P140VMH-E

External static pressure : 100,150,200Pa
Power source : 230,240V



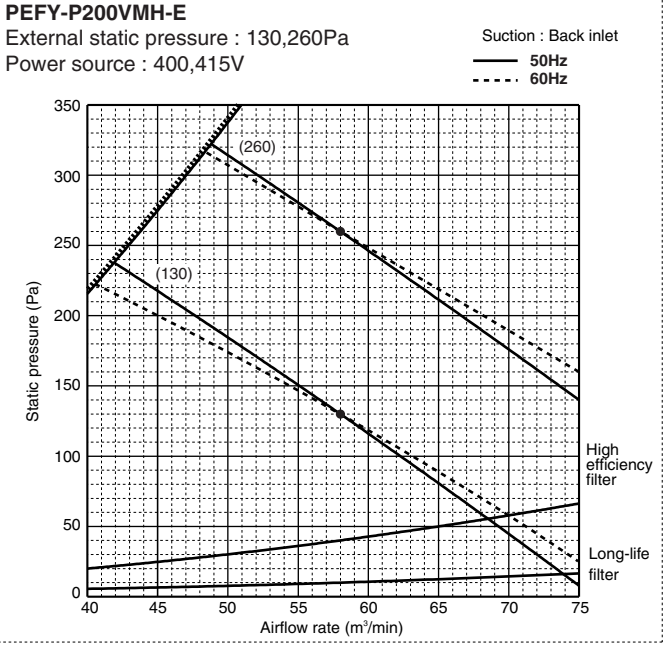
PEFY-P200VMH-E

External static pressure : 110,220Pa
Power source : 380V



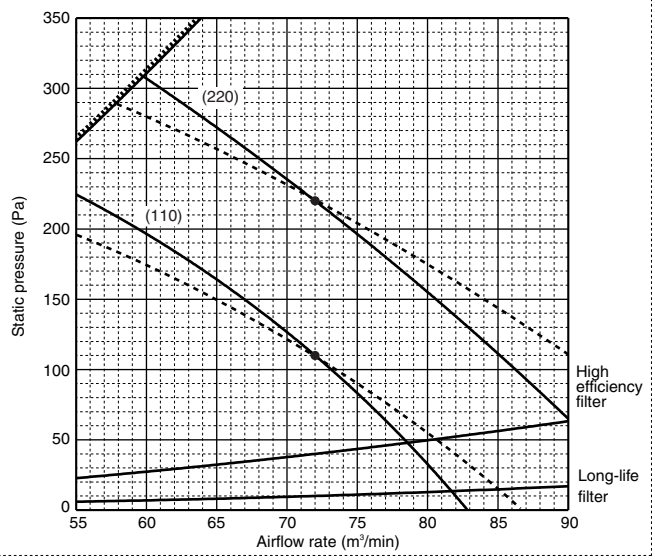
PEFY-P200VMH-E

External static pressure : 130,260Pa
Power source : 400,415V



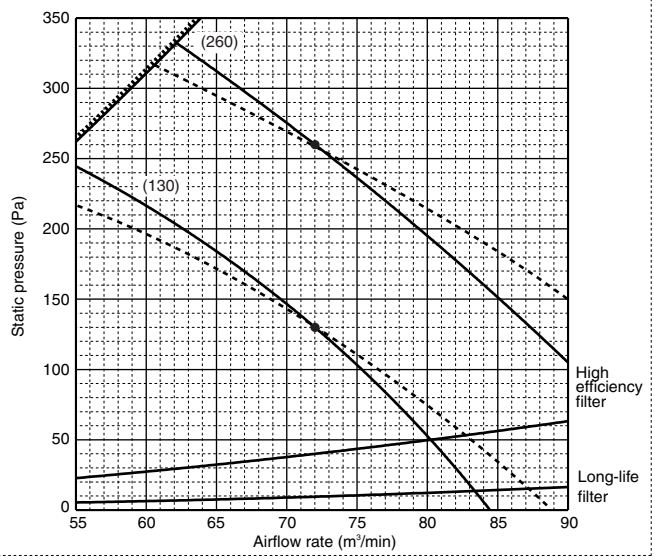
PEFY-P250VMH-E

External static pressure : 110,220Pa
Power source : 380V



PEFY-P250VMH-E

External static pressure : 130,260Pa
Power source : 400,415V

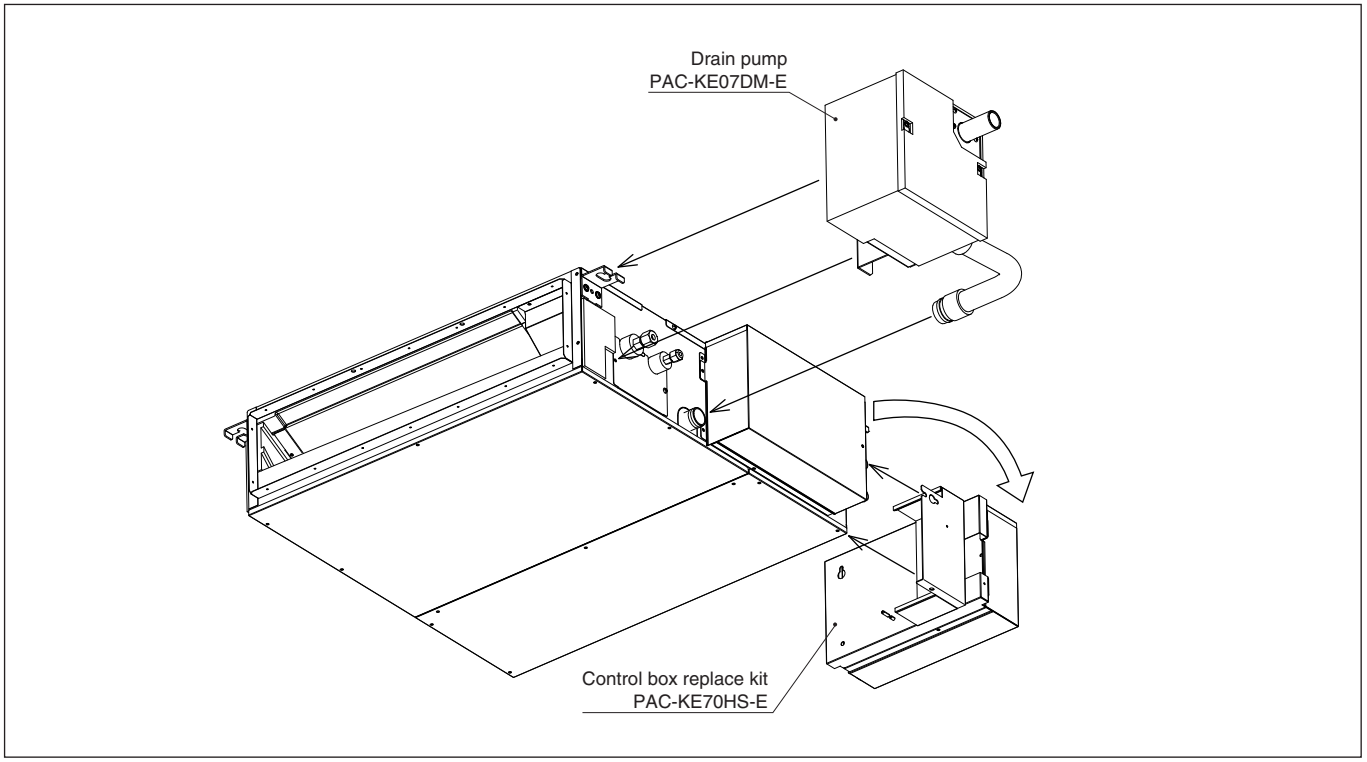


6. Optional parts for PEFY-P-VMS1L-E,VMH-E

■ Optional parts line up for the Indoor unit

	Drain pump	Control box replace kit
PEFY-P15,20,25,32,40,50,63VMS1-E	-	PAC-KE70HS-E
PEFY-P15,20,25,32,40,50,63VMS1L-E	PAC-KE07DM-E	PAC-KE70HS-E

■ PEFY-P-VMS1 (L) -E



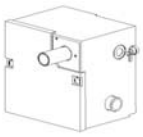
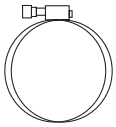
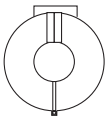
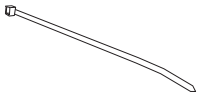
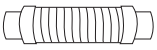
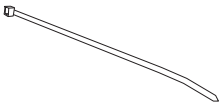
6. Optional parts for PEFY-P-VMS1L-E,VMH-E

■ Optional parts line up for the Indoor unit

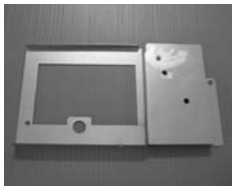
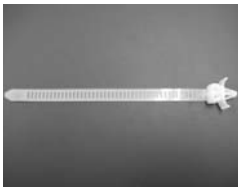
	Drain pump	Control box replace kit
PEFY-P15,20,25,32,40,50,63VMS1-E	-	PAC-KE70HS-E
PEFY-P15,20,25,32,40,50,63VMS1L-E	PAC-KE07DM-E	PAC-KE70HS-E

■ Drain pump PAC-KE07DM-E

Drain pump is an optional part for VMS1L, and a standard for VMS1. When using drain pump, PAC-KE07DM-E (mounting type) is required.

Item	① Drain pump	② Attachment	③ Drain hose 1	④ Pipe cover 1	⑤ Pipe cover 2
Quantity	1	1	1	1	1
Shape			(385mm) 	(255mm) 	(200mm) 
Item	⑥ Hose band	⑦ Screw	⑧ Clamp	⑨ Ferrite clamp	⑩ Band 1
Quantity	1	3	3	1	2
Shape					(100mm) 
Item	⑪ Drain hose 2	⑫ Pipe cover 3	⑬ Band 2		
Quantity	1	1	6		
Shape	(175mm) 		(380mm) 		

■ Control box replace kit PAC-KE70HS-E

Parts	① PLATE A	② PLATE B	③ PLATE C	④ COVER A
Q'ty	1	1	1	1
Shape				
Parts	⑤ COVER B	⑥ LEAD WIRE MOTOR	⑦ LEAD WIRE LEV	⑧ LEAD WIRE THM A
Q'ty	1	1	1	1
Shape		 White 7-pin connector	 White 6-pin connector	 White 4-pin connector
Parts	⑨ LEAD WIRE THM B	⑩ LEAD WIRE EARTH	⑪ LEAD WIRE PUMP	⑫ LEAD WIRE FS
Q'ty	1	1	1	1
Shape	 Red 2-pin connector	 Ring terminal on both ends	 Blue 3-pin connector	 White 4-pin connector
Parts	⑬ INSULATOR	⑭ Connecting terminals	⑮ BAND	⑯ CLAMP
Q'ty	3	4	6	4
Shape				
Parts	⑰ SCREW 1	⑱ SCREW 2	⑲ SCREW 3	⑳ FERRITE CORE
Q'ty	2	4	5	1
Shape	 4X10	 4X10 with a washer	 5X10 with a washer	

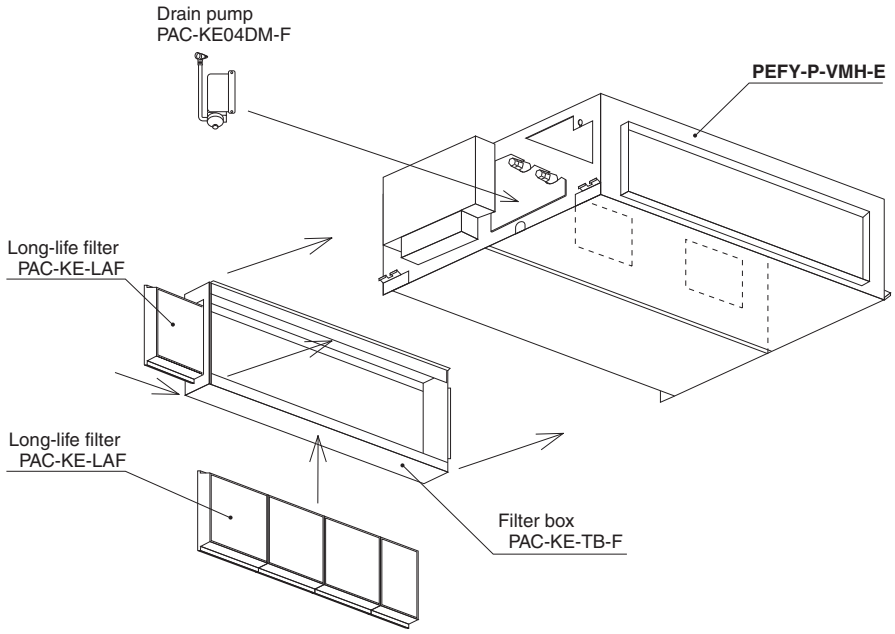
When installing the control box replace kit on the air inlet on the unit, ⑫LEAD WIRE FS is not used.

6. Optional parts for PEFY-P-VMS1L-E,VMH-E

■ Optional parts line up for the Indoor unit

	Long-life filter	Filter box	Drain pump
PEFY-P40,50,63VMH-E	PAC-KE86LAF	PAC-KE63TB-F	PAC-KE04DM-F
PEFY-P71,80VMH-E	PAC-KE88LAF	PAC-KE80TB-F	PAC-KE04DM-F
PEFY-P100,125,140VMH-E	PAC-KE89LAF	PAC-KE140TB-F	PAC-KE04DM-F
PEFY-P200,250VMH-E	PAC-KE85LAF	PAC-KE250TB-F	PAC-KE04DM-F

● PEFY-P-VMH-E



6. Optional parts for PEFY-P-VMS1L-E,VMH-E

■ Optional parts line up for the Indoor unit

	Long-life filter	Filter box	Drain pump
PEFY-P40,50,63VMH-E	PAC-KE86LAF	PAC-KE63TB-F	PAC-KE04DM-F
PEFY-P71,80VMH-E	PAC-KE88LAF	PAC-KE80TB-F	PAC-KE04DM-F
PEFY-P100,125,140VMH-E	PAC-KE89LAF	PAC-KE140TB-F	PAC-KE04DM-F
PEFY-P200,250VMH-E	PAC-KE85LAF	PAC-KE250TB-F	PAC-KE04DM-F

■ Long-life filter PAC-KE-LAF and filter box PAC-KE-TB-F for PEFY-P-VMH-E

Life span: 2,500 hr (Dust concentration 0.15mg/m^3)

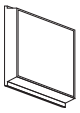
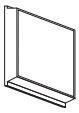
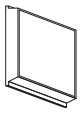
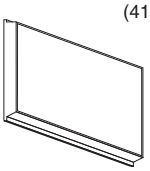
*. The actual dust situation affects the filter life span, which should be considered at the applying site.

Material: Synthetic fiber unwoven cloth filter

Static pressure loss is referred to 5-3 “Fan characteristics curves”.

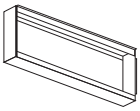
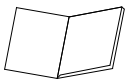
Long-life filter should be used together with filter box PAC-KE-TB-F.

PAC-KE-LAF

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

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

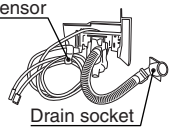
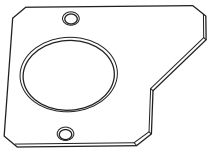
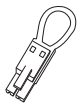
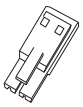
PAC-KE-TB-F

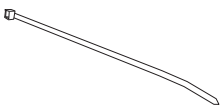
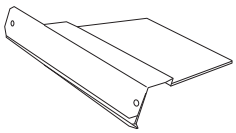
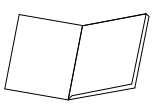
Item	① Screw	② Filter box	③ Installation manual	
Quantity	10/12*	1	1	
Shape				*PAC-KE250TB has 12 pieces of screw.

Detailed installation information should be referred to its Installation Manual (WT03018X03, WT03019X03)

■ Drain pump PAC-KE04DM-F

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

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

Item	⑥ Rubber bushing	⑦ Band	⑧ PTT screw 4X10	⑨ Fixing plate	⑩ Installation manual
Quantity	1	2	6+1 (spare)	1	1
Shape					

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