

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

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1. SPECIFICATIONS

R410A Data G8

PEFY

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) static press. (230, 240V) *5	Pa	5	5	5		
		mmH ₂ O	0.5	0.5	0.5		
		Pa	5	5	5		
		mmH ₂ O	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 (Low-Mid-High)	m ³ / min	4.8 - 5.8 - 7.9	4.8 - 5.8 - 7.9	4.8 - 5.8 - 9.3		
		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) (measured in anechoic room) *4	dB <A>	20 - 25 - 30 * (220V)	20 - 25 - 30 * (220V)	20 - 25 - 33 * (220V)			
	dB <A>	21 - 26 - 32 * (230V)	21 - 26 - 32 * (230V)	21 - 26 - 35 * (230V)			
	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) Unit converter kcal/h = kW x 860 Btu/h = kW x 3,412 cfm = m³/min x 35.31 lb = kg / 0.4536 * 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. *Above specification data is subject to rounding variation.							

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

1. SPECIFICATIONS

R410A Data G8

PEFY

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 (220V) static press. (230, 240V) *5	Pa	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	
		mmH ₂ O	<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>	
		Pa	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	
		mmH ₂ O	<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 :						Unit converter	
*1 Nominal cooling conditions			*2 Nominal cooling conditions		*3 Nominal heating conditions		
Indoor : 27°CDB/19°CWB (81°FDB/66°FWB)			27°CDB/19.5°CWB (81°FDB/67°FWB)		20°CDB (68°FDB)		
Outdoor : 35°CDB (95°FDB)			35°CDB (95°FDB)		7°CDB/6°CWB (45°FDB/43°FWB)		
Pipe length : 7.5 m (24-9/16 ft)			5 m (16-3/8 ft)		7.5 m (24-9/16 ft)		
Level difference : 0 m (0 ft)			0 m (0 ft)		0 m (0 ft)		
* Nominal conditions *1, *3 are subject to JIS B8615-1.			* The external static pressure is set to 15 Pa at factory shipment.			kcal/h = kW x 860 Btu/h = kW x 3,412 cfm = m³/min x 35.31 lb = kg / 0.4536 *Above specification data is subject to rounding variation.	
* Due to continuing improvement, above specification may be subject to change without notice.			* < > 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.							

Ref.: Spec_PEFY-P-VMS-E_1

1. SPECIFICATIONS

R410A Data G8

PEFY

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 (220V) static press. (230, 240V)	Pa	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	
		mmH ₂ O	<0.5> - 1.5 - <3.6> - <5.1>	<0.5> - 1.5 - <3.6> - <5.1>	<0.5> - 1.5 - <3.6> - <5.1>	
		Pa	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	<5> - 15 - <35> - <50>	
	*5	mmH ₂ O	<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) Unit converter kcal/h = kW x 860 Btu/h = kW x 3,412 cfm = m³/min x 35.31 lb = kg / 0.4536 * 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. *Above specification data is subject to rounding variation. *4 The values are measured at the rated external static pressure. *5 The figure in < > indicates the value when external static pressure is changed.						

Ref.: Spec_PEFY-P-VMS-E_1

R410A Data G8

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 (220V) static press. (230, 240V) *5	Pa	<50> - 100 - <200>	<50> - 100 - <200>	<50> - 100 - <200>	<50> - 100 - <200>		
		mmH ₂ O	<5.1> - 10.2 - <20.4>	<5.1> - 10.2 - <20.4>	<5.1> - 10.2 - <20.4>	<5.1> - 10.2 - <20.4>		
		Pa	<100> - 150 - <200>	<100> - 150 - <200>	<100> - 150 - <200>	<100> - 150 - <200>		
		mmH ₂ O	<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) (measured in anechoic room) *4		dB <A>	27 - 34 (220V)	27 - 34 (220V)	32 - 38 (220V)	32 - 39 (220V)		
		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 IU-W65-3956 -					
	Wiring							
	Refrigerant cycle							
Standard attachment	Document		Installation Manual, Instruction Book Drain hose I.D. 32mm (1-1/4) (flexible joint)					
	Accessory							
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) Unit converter kcal/h = kW x 860 Btu/h = kW x 3,412 cfm = m³/min x 35.31 lb = kg / 0.4536 * 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. *Above specification data is subject to rounding variation.								

1. SPECIFICATIONS

R410A Data G8

PEFY

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
*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. (230, 240V) *5	Pa	<50> - 100 - <200>	<50> - 100 - <200>	<50> - 100 - <200>	<50> - 100 - <200>	
		mmH ₂ O	<5.1> - 10.2 - <20.4>	<5.1> - 10.2 - <20.4>	<5.1> - 10.2 - <20.4>	<5.1> - 10.2 - <20.4>	
		Pa	<100> - 150 - <200>	<100> - 150 - <200>	<100> - 150 - <200>	<100> - 150 - <200>	
		mmH ₂ O	<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) (measured in anechoic room) *4		dB <A>	35 - 41 (220V)	34 - 42 (220V)	34 - 42 (220V)	34 - 42 (220V)	
		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) Unit converter kcal/h = kW x 860 Btu/h = kW x 3,412 cfm = m³/min x 35.31 lb = kg / 0.4536 * 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. *Above specification data is subject to rounding variation.							

Ref.: Spec_PEFY-P-VMH-E_2

1. SPECIFICATIONS

R410A Data G8

PEFY

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. (400, 415V)	Pa	110- 220	110- 220			
		mmH ₂ O	11.2- 22.4	11.2- 22.4			
		Pa	130- 260	130- 260			
		*5 mmH ₂ O	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) (measured in anechoic room)		*4 dB <A>	42 / 45 (380V)	50 / 52 (220V)			
		*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) Unit converter kcal/h = kW x 860 Btu/h = kW x 3,412 cfm = m³/min x 35.31 lb = kg / 0.4536 * 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. *Above specification data is subject to rounding variation.							

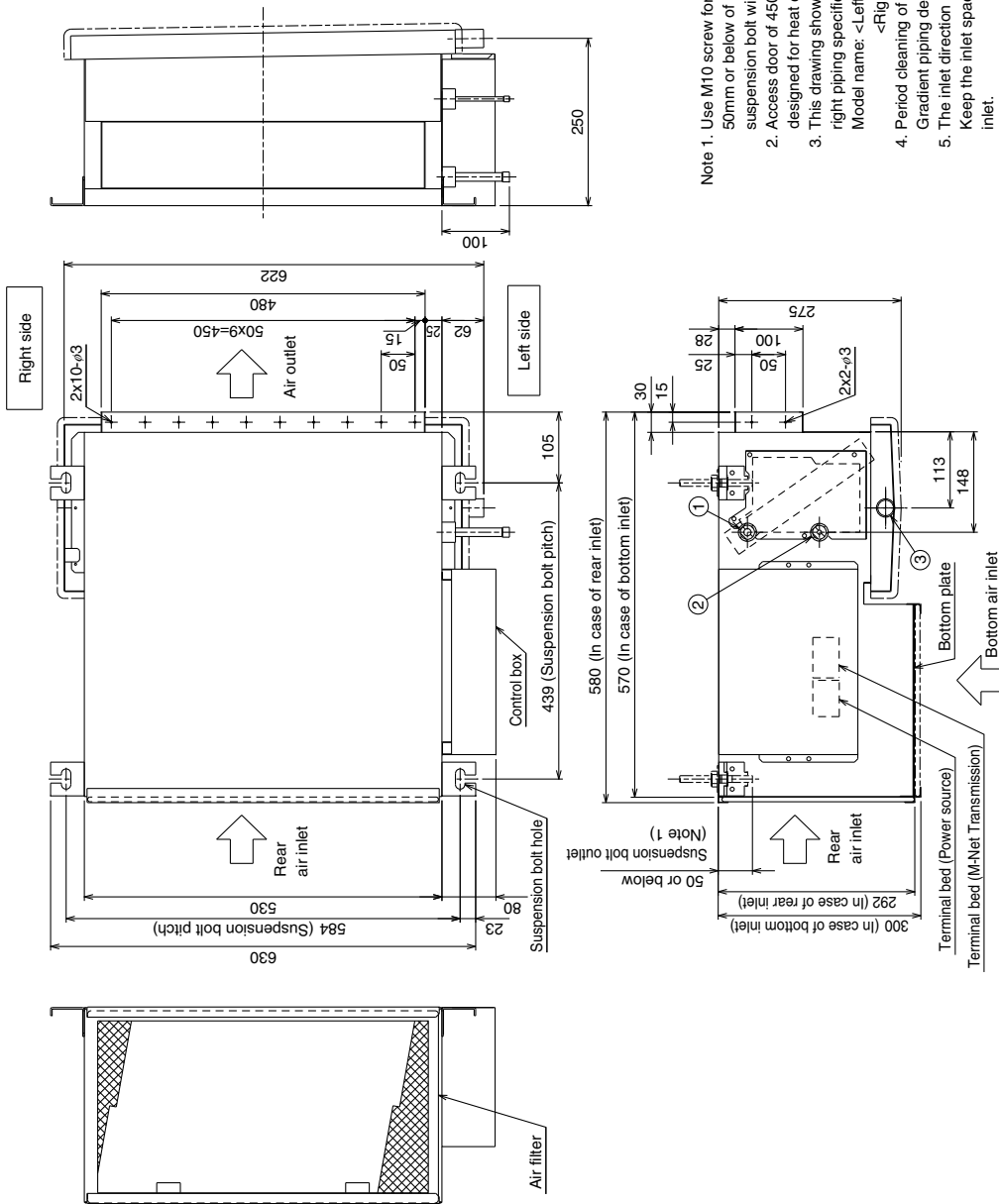
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PEFY

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

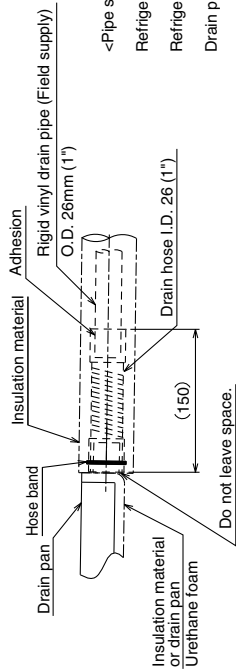
Drw. : IU-KB94-C854

Unit : mm



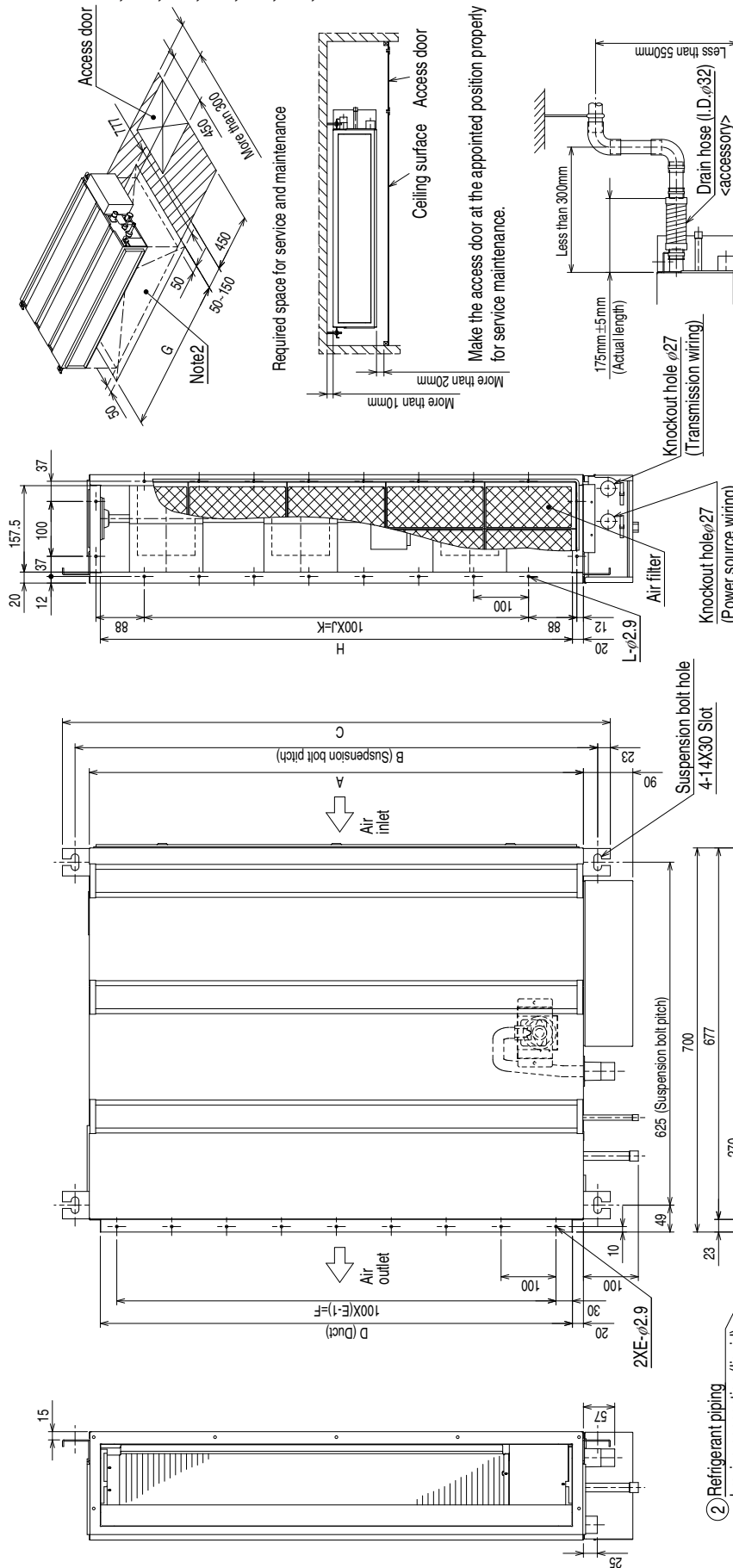
- Note 1. Use M10 screw for the suspension bolt (field supply).
50mm or below of clearance between the indoor unit top and the end of the suspension bolt will make maintenance of the indoor heat exchanger easier.
2. Access door of 450mmx450mm at the ceiling under the drain pan should be designed for heat exchanger cleaning and maintenance.
3. This drawing shows the left piping specification. The symmetry shows the right piping specification.
Model name: <Left piping> PEFY-P20 · 25 · 32VMR-E-L
<Right piping> PEFY-P20 · 25 · 32VMR-E-R
4. Period cleaning of drain pan will prevent water overflowing.
Gradient piping design is needed for water draining.
5. The inlet direction can be changed between rear inlet and bottom inlet.
Keep the inlet space between the ceiling and the unit in case of bottom inlet.

<Pipe size>
Refrigerant pipe (gas) brazed $\phi 12.7$ ①
Refrigerant pipe (liquid) brazed $\phi 6.35$ ②
Drain pipe O.D. 26 (1") ③



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

Drw. : IU-KB94-G728
Unit : mm



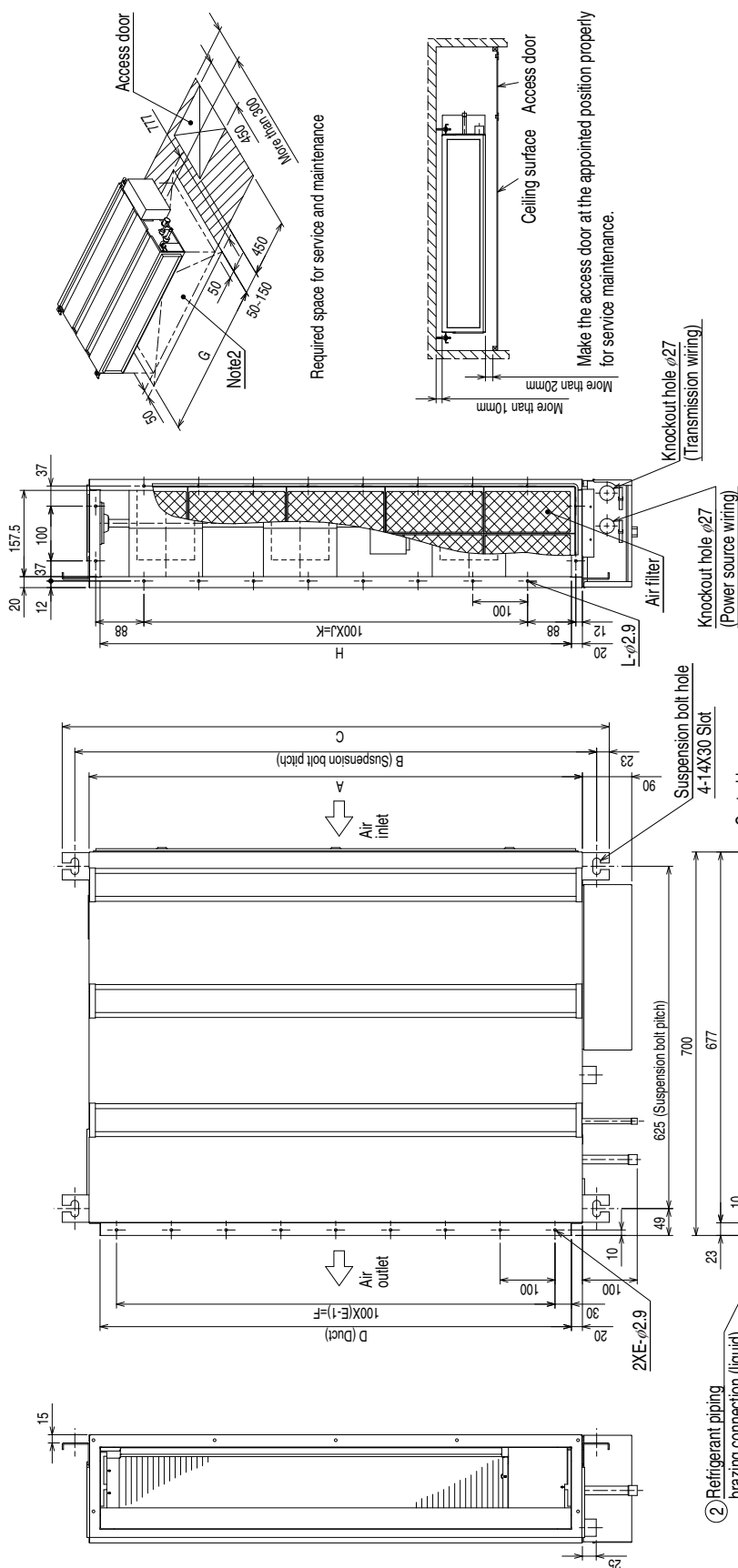
- Note1 Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEFY-P40-50VMS1-E models, which has 3 fans. PEFY-P15-32VMS1-E models have 2 fans. PEFY-P63VMS1-E model have 4 fans.
4. In case of the inlet duct is used, 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	① Gas pipe	② Liquid pipe
PEFY-P15,20,25,32VMS1-E	700	752	798	660	7	600	800	660	5	500	16	φ12.7	φ6.35
PEFY-P40VMS1-E	900	952	998	860	9	800	1000	860	7	700	20	φ12.7	φ6.35
PEFY-P50VMS1-E	1100	1152	1198	1060	11	1000	1200	1060	9	900	24	φ15.88	φ9.52

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	① Gas pipe	② Liquid pipe
PEFY-P15,20,25,32VMS1L-E	700	752	798	660	7	600	800	660	5	500	16	$\phi 12.7$	$\phi 6.35$
PEFY-P40VMS1L-E	900	952	998	860	9	800	1000	860	7	700	20	$\phi 12.7$	$\phi 6.35$
PEFY-P50VMS1L-E	1100	1152	1198	1060	11	1000	1200	1060	9	900	24	$\phi 15.88$	$\phi 9.52$

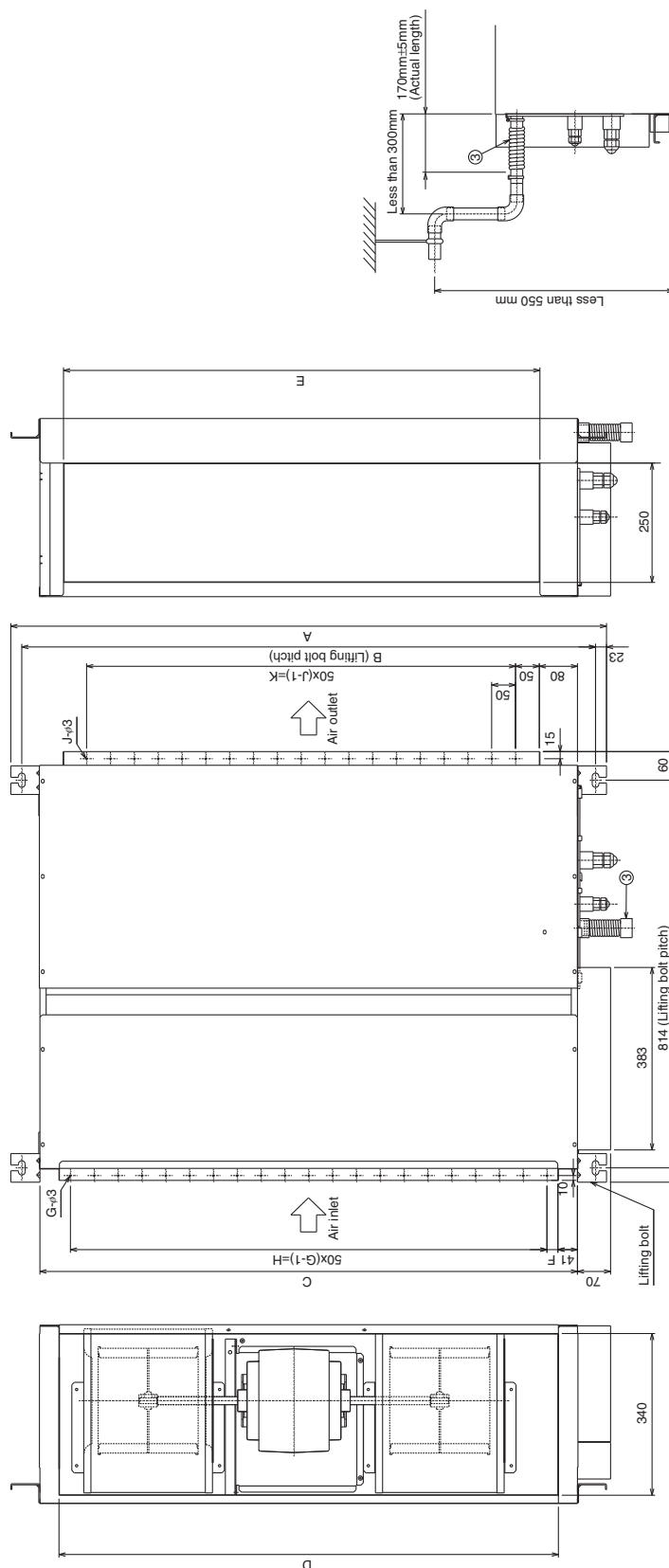
2. EXTERNAL DIMENSIONS

R410A Data G8

PEFY

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

Drw. : IU-W27-5924
Unit : mm



When installing the drain water lifting-up mech(option).

Model	A	B	C	D	E	F	G	H	J	K	L	M	N
P40V4MHE	800	754	680	600	550	50	11	500	10	450	780	$\pi 12.7$	$\pi 6.35$
P50V4MHE	800	754	680	600	550	50	11	500	10	450	780	$\pi 12.7$	$\pi 6.35$
P63V4MHE	800	754	680	600	550	50	11	500	10	450	780	$\pi 12.7$	$\pi 6.35$
P71-80VME	1050	1004	930	850	800	25	1	1000	15	700	1030	$\pi 15.88$	$\pi 9.52$
P100-125-140V4MHE	1050	1004	930	850	800	25	1	1000	15	700	1030	$\pi 15.88$	$\pi 9.52$

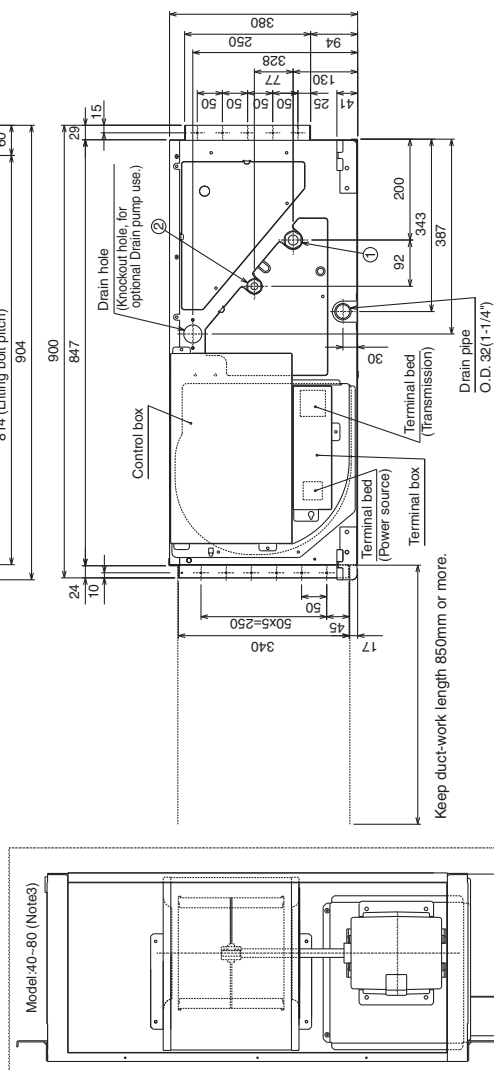
Note :

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 PEFP-P100-125/140WHE models, which have 2 fans.

PEFP-P450-637/1-80 models have 1 fan.

4. Make sure to install the air filter(field supply) on the air intake side.
In case of field supplied air filter is used, attach it where the filter service is easily done.

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

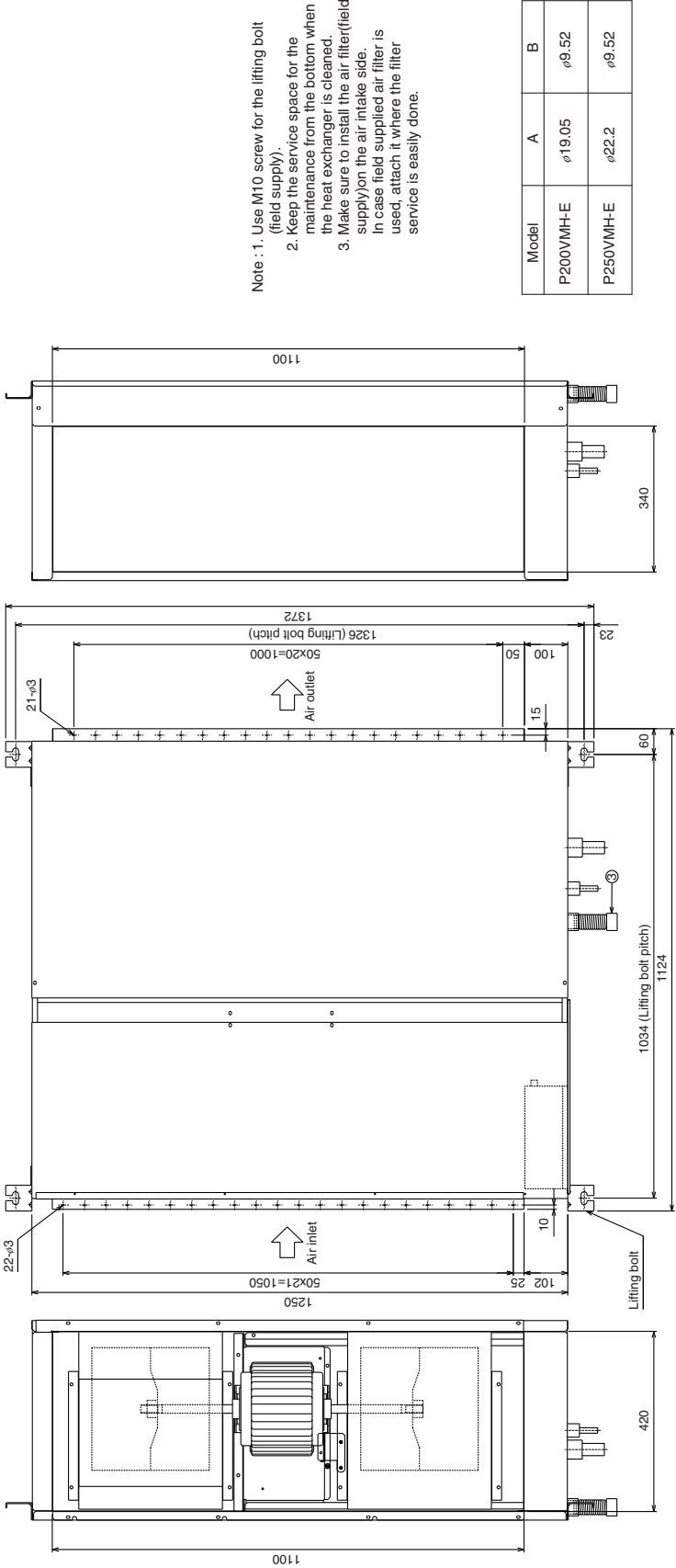


PEFY

PEFY-P200, 250VMH-E

Drw. : IU-W27-5925

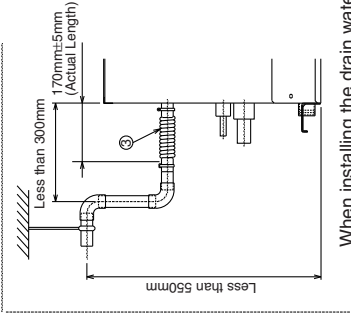
Unit : mm



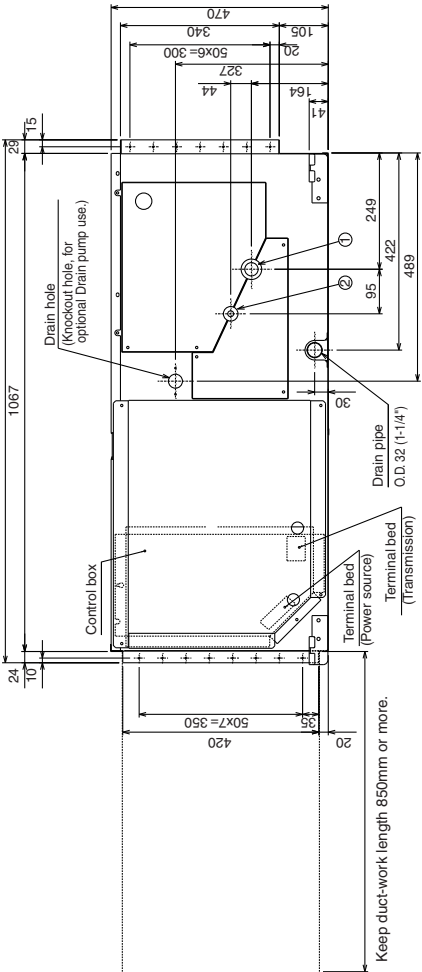
Note : 1. Use M10 screw for the lifting bolt (field supply).
2. Keep the service space for the maintenance from the bottom when the heat exchanger is cleaned.
3. Make sure to install the air filter(field supply) on the air intake side. In case field supplied air filter is used, attach it where the filter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

Model	A	B
P200VMH-E	φ19.05	φ9.52
P250VMH-E	φ22.2	φ9.52

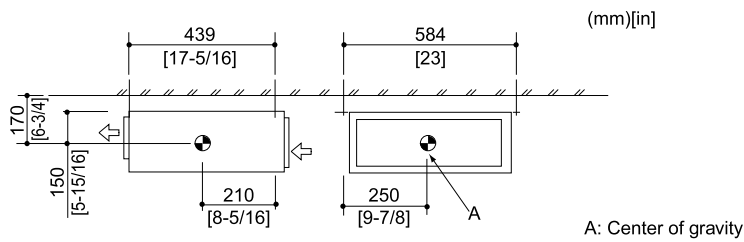
- ...① Refrigerant piping brazing connection (gas A copper tube)
- ...② Refrigerant piping brazing connection (liquid B copper tube)
- ...③ Drain hose I.D. 32 (1-1/4") <flexible joint 200mm>(accessory)



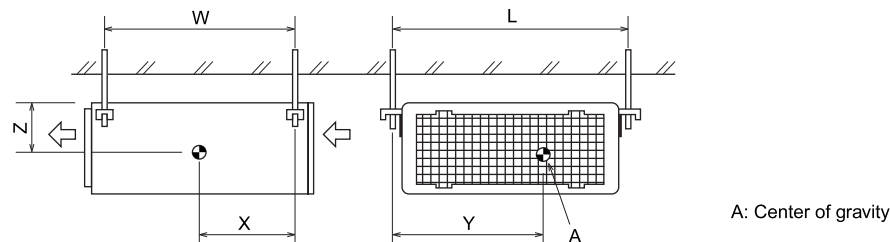
When installing the drain water lifting-up mech(option).



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

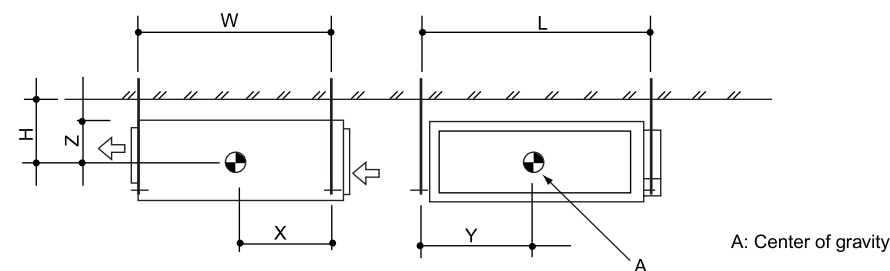


PEFY-P15,20,25,32,40,50,63VMS1(L)-E



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



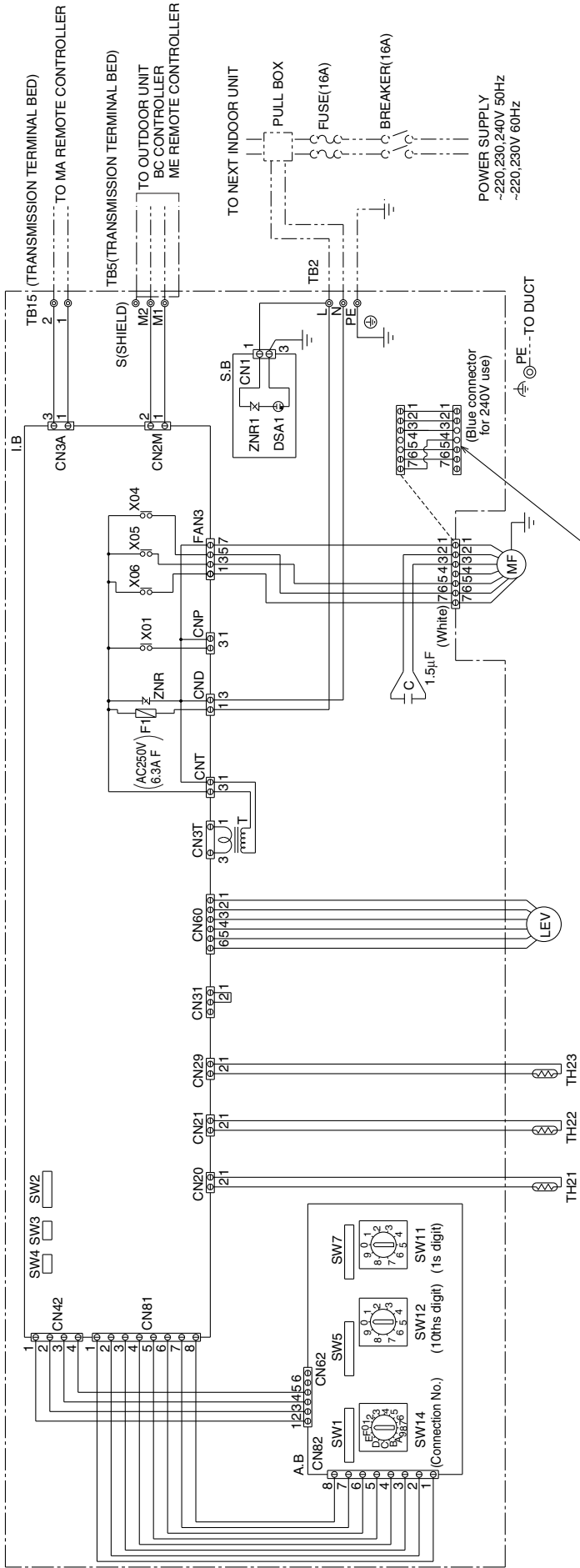
Model name	W	L	H	X	Y	Z
PEFY-P40VMH-E	814 [32-1/16]	754 [29-11/16]	210 [8-9/32]	374 [14-3/4]	440 [17-11/32]	190 [7-1/2]
PEFY-P50VMH-E	814 [32-1/16]	754 [29-11/16]	210 [8-9/32]	374 [14-3/4]	440 [17-11/32]	190 [7-1/2]
PEFY-P63VMH-E	814 [32-1/16]	754 [29-11/16]	210 [8-9/32]	374 [14-3/4]	440 [17-11/32]	190 [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

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

Drw. : IU-KB94-C858

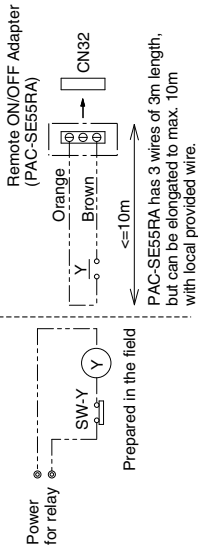
INSIDE SECTION OF CONTROL BOX



SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
MF	Fan motor	TH21	Thermistor (inlet temp. detection)
C	Capacitor (for MF)	TH22	Thermistor (piping temp. detection/liquid)
I.B	Indoor controller board	TH23	Thermistor (piping temp. detection/gas)
A.B	Address board	SW11(A.B)	Switch (1s digit address set)
TB2	Power source terminal bed	SW12(A.B)	Switch (10ths digit address set)
TB5	Transmission terminal bed	SW14(A.B)	Switch (connection No. set)
TB15	Transmission terminal bed	SW1(A.B)	Switch (for mode selection)
F1	Fuse AC250V 6.3A F	SW2(I.B)	Switch (for capacity code)
T	Transformer	SW3(I.B)	Switch (for model selection)
LEV	Electronic linear expans. valve	SW4(I.B)	Switch (for model selection)
S.B	Surge absorber board	SW5(A.B)	Switch (for voltage selection)
X04~X06	Aux. relay	SW7(A.B)	Switch (for mode selection)

At factory shipment, the motor connector is connected for 220-230V power.
If 240V power is used, insert the attached Blue connector between the Motor connector and White connector from Indoor board.
Connector color: for power source
White: 220V, 230V
Blue: 240V



NOTE: 1. The wirings to TB2, TB5 shown in dotted line are field work.
2. Mark ⊕ indicates terminal bed, ⊙ connector, ⊠ board insertion connector or fastening connector of control board.

SW-Y	Status	Display and operation at Local Remote Controller
OFF	Obey to local remote controller (Allowed)	Operation permitted
ON	Remote - OFF	"Central control" displayed. Local Remote Controller operation prohibited (not functioning)

Y: Aux. relay (Load >= 12VDC 1mA)

PEFY

Drw. : IU-KB94-G668

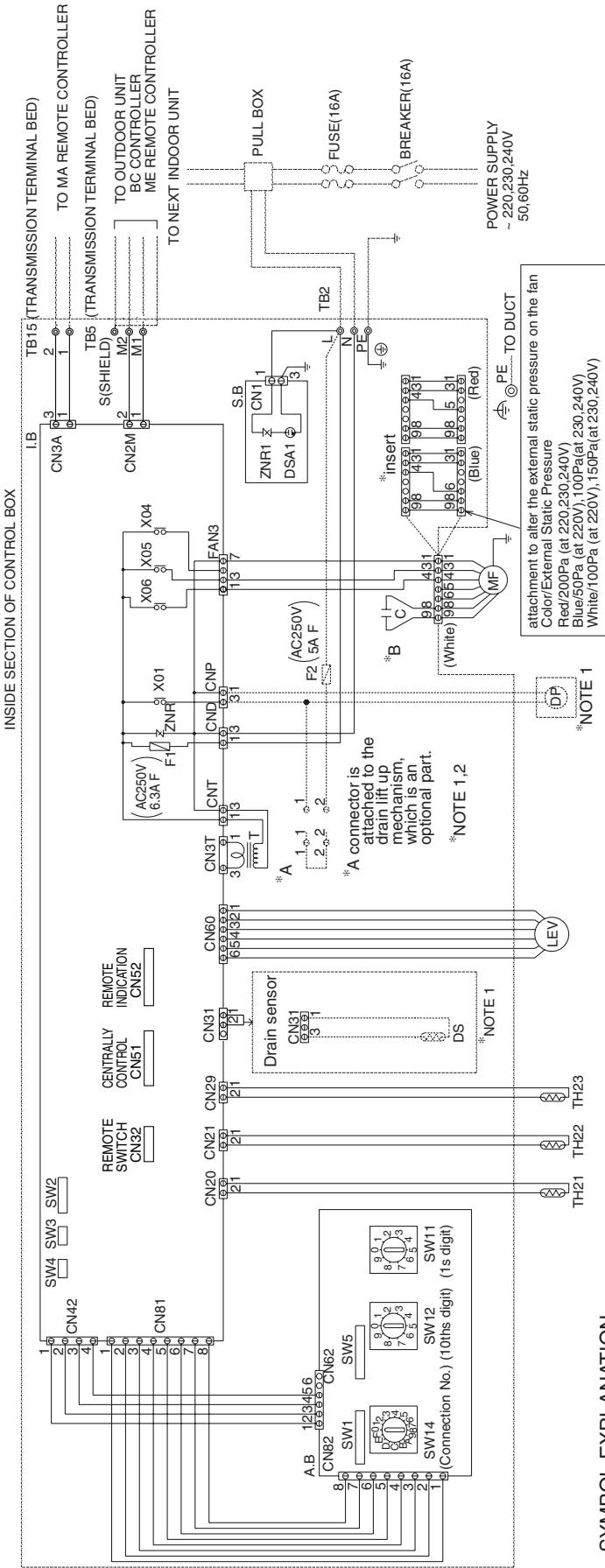


SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
IB.	Indoor controller board	CN32	Connector (Remote switch)	SW4(I.B.)	Switch (for model selection)
A.B.	Address board	CN41	Connector (HA terminal-A)	SWE(I.B.)	Connector (emergency operation)
TB2	Power source terminal bed	CN51	Connector (Centrally control)	SW1(A.B.)	Switch (for mode selection)
TB5	Transmission terminal bed	CN52	Connector (Remote indication)	SW11(A.B.)	Switch (1's digit address set)
TB15	Transmission terminal bed	CN90	Connector (Wireless)	SW12(A.B.)	Switch (10th's 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

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

Drw. : IU-W65-3956



SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
MF	Fan motor	S.B	Surge absorber board
C	*B Capacitor (for MF)	TH21	Thermistor (inlet temp.detection)
I.B	Indoor controller board	TH22	Thermistor (piping temp.detection/liquid)
A.B	Address board	TH23	Thermistor (piping temp.detection/gas)
TB2	Power source terminal bed	SW11(A.B)	Switch (1s digit address set)
TB5	Transmission terminal bed	SW12(A.B)	Switch (10ths digit address set)
TB15	Transmission terminal bed	SW14(A.B)	Switch (connection No.set)
F1	Fuse AC250V 6.3A F	SW11(A.B)	Switch(for mode selection)
<F2>	Fuse AC250V 5A F	SW21(L.B)	Switch(for capacity code)
T	Transformer	SW31(L.B)	Switch(for mode selection)
<DP>	Drain Pump	SW41(L.B)	Switch(for model selection)
LEV	Electronic linear expans. valve	SW51(A.B)	Switch(for voltage selection)
<DS>	Drain sensor	X04-X06	Aux relay

inside < > is the optional parts

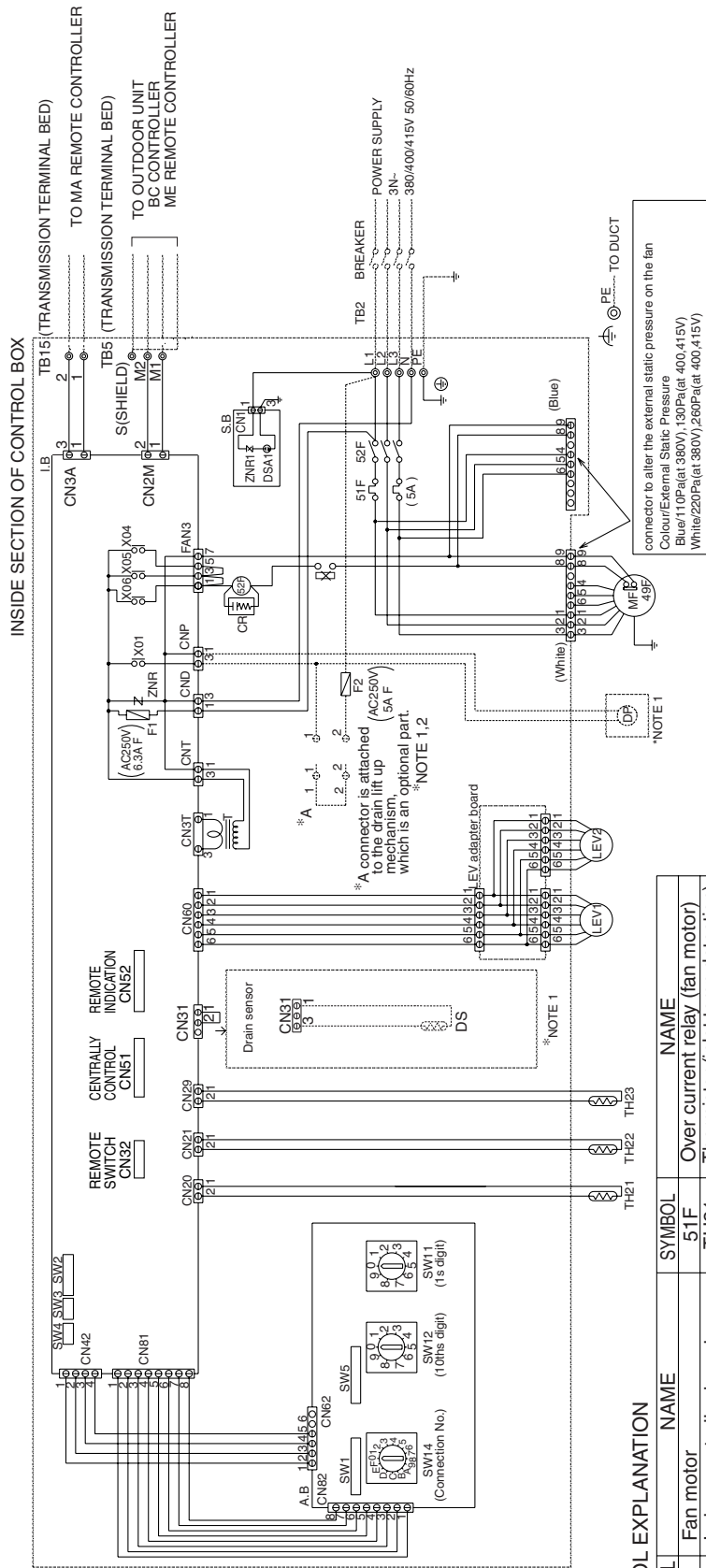
- NOTE : 1. The part of the broken line indicates the circuit for optional parts.
2. *A in the chart is the connector for a drain pump test run operation.
(The Drain Pump operates continuously if the connector is inserted and the power is supplied.)
After the test run, make sure to remove the *A connector.
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.

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

PEFY-P200,250VMH-E

Drw. : IU-W65-3957

PEFY



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

inside < > is the optional parts

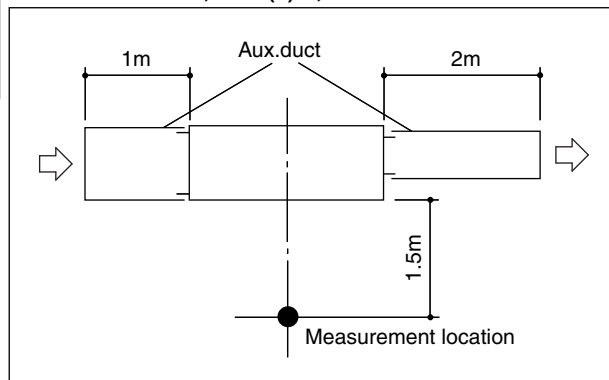
CAUTION : 1.To protect Fan motor from abnormal current, Over current relays-<51F> is installed. Therefore, do not change factory set value of Over current relays.
NOTE : 1.The part of the broken line indicates the circuit for optional parts.
2. 'A' in the chart is the connector for a drain pump test run operation. (The Drain Pump operates continuously if the connector is inserted and the power is supplied.)
3.After the test run, make sure to remove the 'A' connector.
4.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.

5. SOUND LEVELS

R410A Data G8

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-P140VMH-E	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

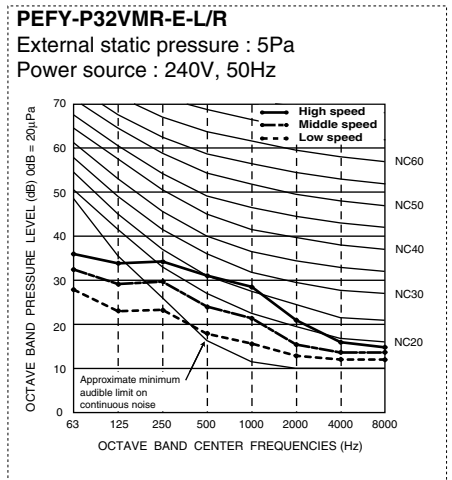
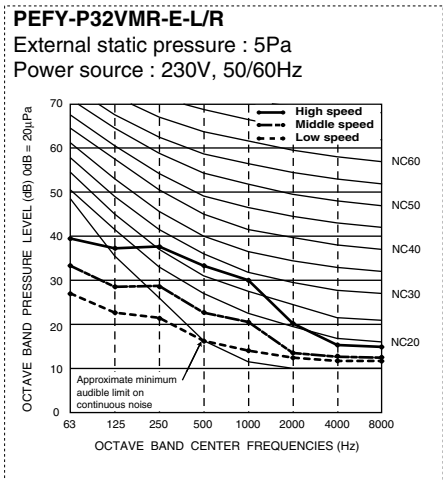
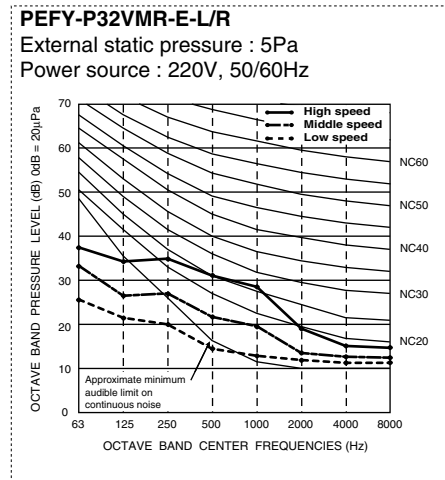
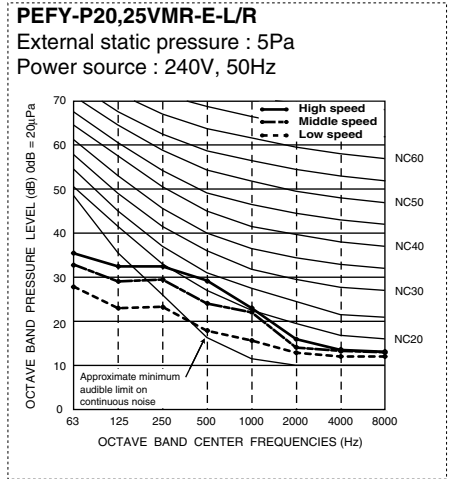
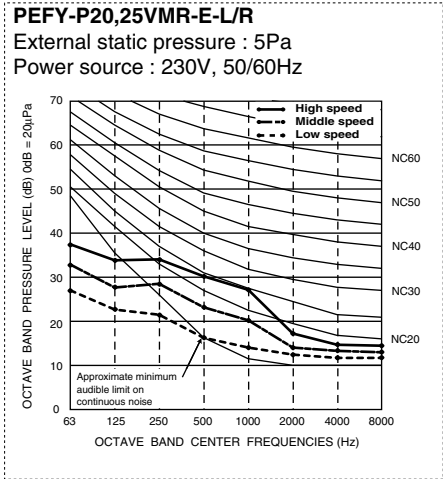
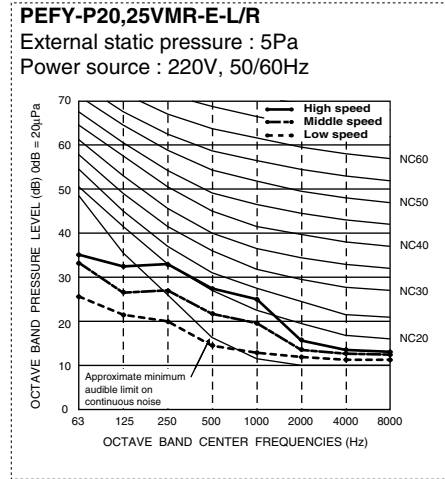
* External static pressure of PEFY-P40-140VMH-E

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

5-2. NC curves



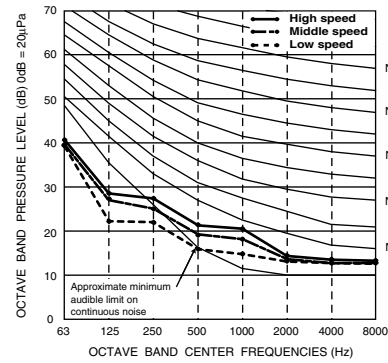
5-2. NC curves

PEFY

PEFY-P15VMS1(L)-E

External static pressure : 5Pa

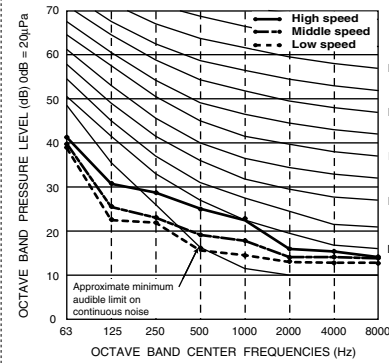
Power source : 220,230,240V, 50/60Hz



PEFY-P15VMS1(L)-E

External static pressure : 15Pa

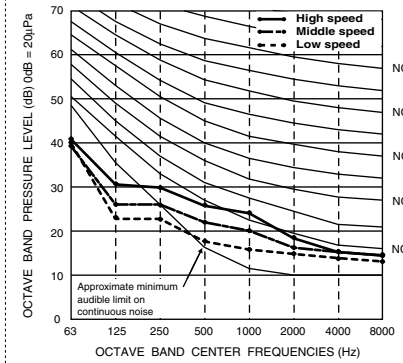
Power source : 220,230,240V, 50/60Hz



PEFY-P15VMS1(L)-E

External static pressure : 35Pa

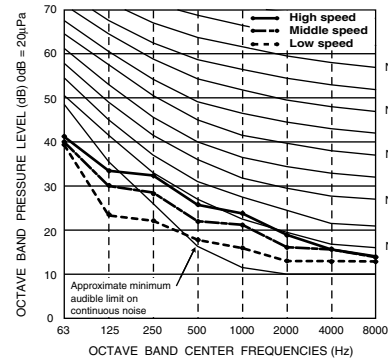
Power source : 220,230,240V, 50/60Hz



PEFY-P15VMS1(L)-E

External static pressure : 50Pa

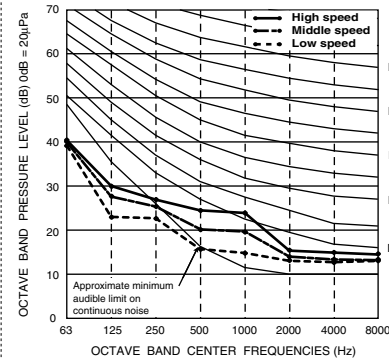
Power source : 220,230,240V, 50/60Hz



PEFY-P20VMS1(L)-E

External static pressure : 5Pa

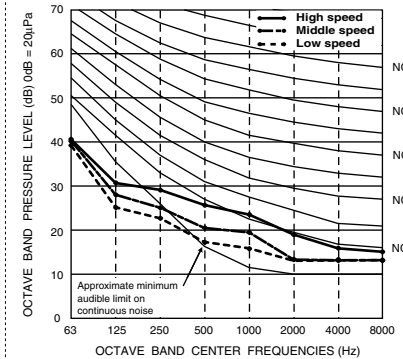
Power source : 220,230,240V, 50/60Hz



PEFY-P20VMS1(L)-E

External static pressure : 15Pa

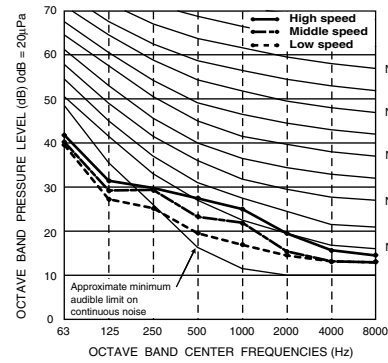
Power source : 220,230,240V, 50/60Hz



PEFY-P20VMS1(L)-E

External static pressure : 35Pa

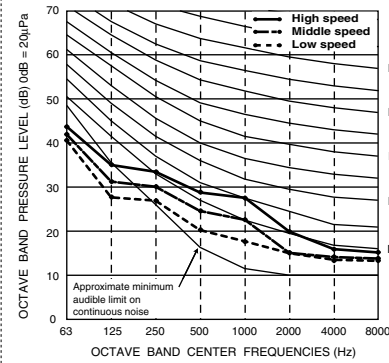
Power source : 220,230,240V, 50/60Hz



PEFY-P20VMS1(L)-E

External static pressure : 50Pa

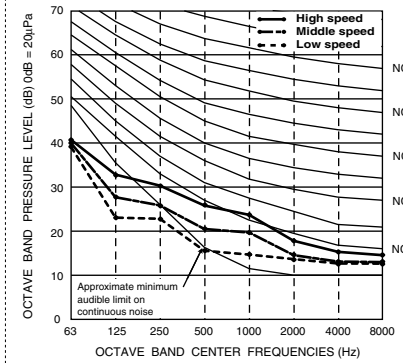
Power source : 220,230,240V, 50/60Hz



PEFY-P25VMS1(L)-E

External static pressure : 5Pa

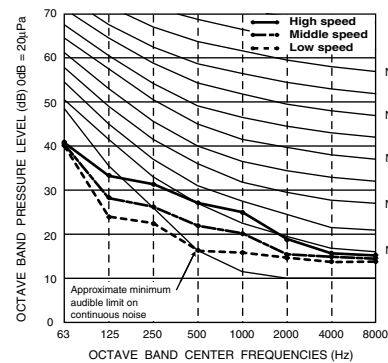
Power source : 220,230,240V, 50/60Hz



PEFY-P25VMS1(L)-E

External static pressure : 15Pa

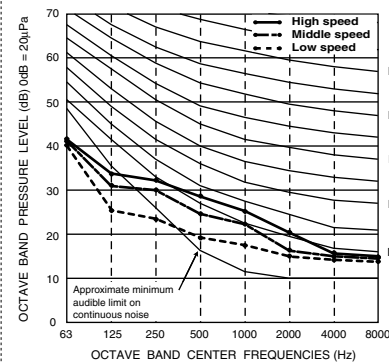
Power source : 220,230,240V, 50/60Hz



PEFY-P25VMS1(L)-E

External static pressure : 35Pa

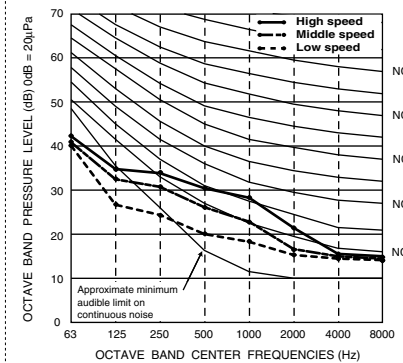
Power source : 220,230,240V, 50/60Hz



PEFY-P25VMS1(L)-E

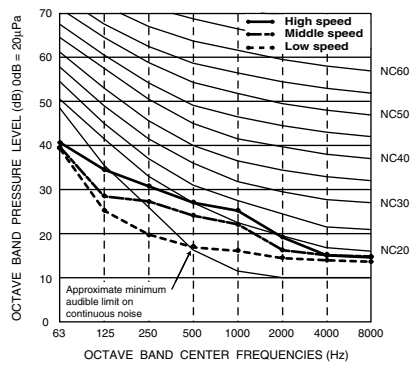
External static pressure : 50Pa

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

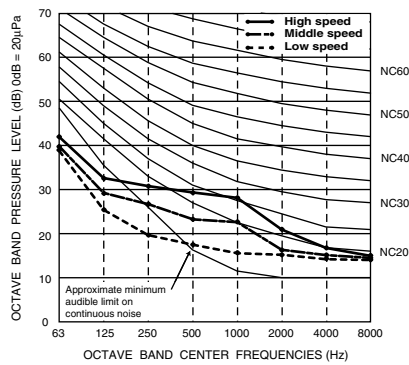


5-2. NC curves

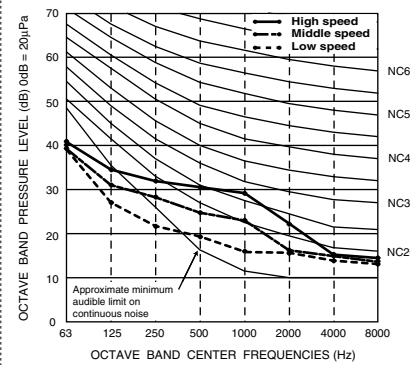
PEFY-P32VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz



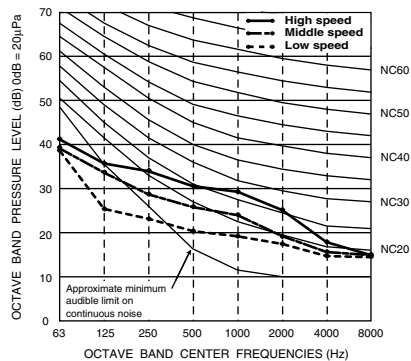
PEFY-P32VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz



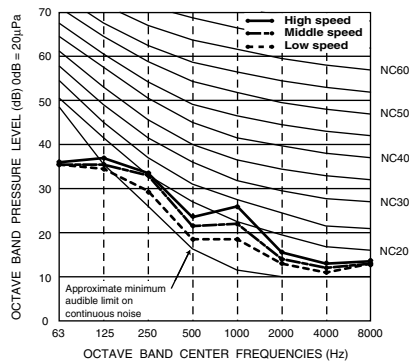
PEFY-P32VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60Hz



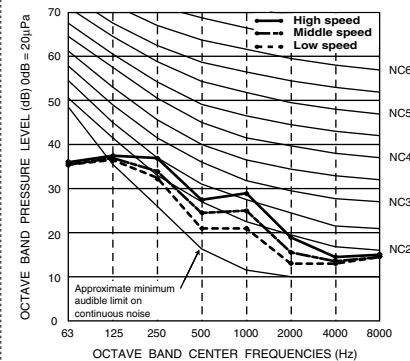
PEFY-P32VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz



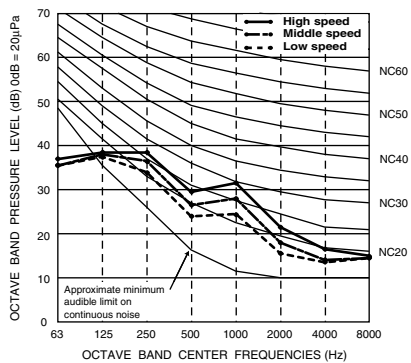
PEFY-P40VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz



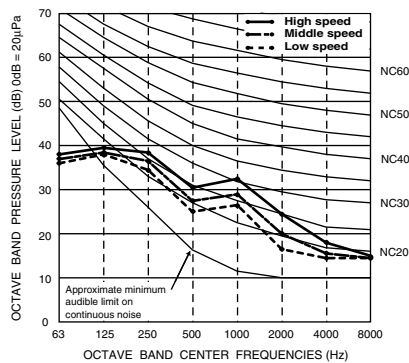
PEFY-P40VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz



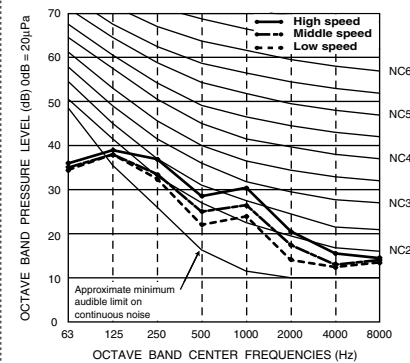
PEFY-P40VMS1(L)-E
External static pressure : 35Pa
Power source : 220,230,240V, 50/60Hz



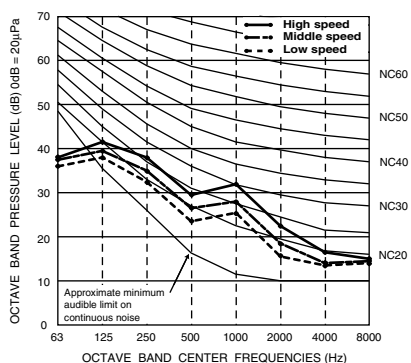
PEFY-P40VMS1(L)-E
External static pressure : 50Pa
Power source : 220,230,240V, 50/60Hz



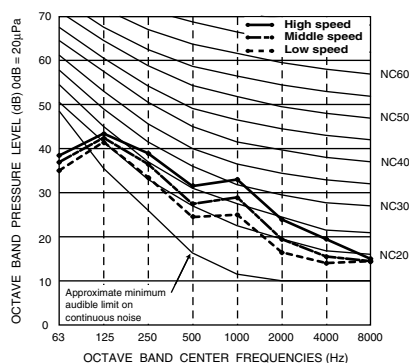
PEFY-P50VMS1(L)-E
External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz



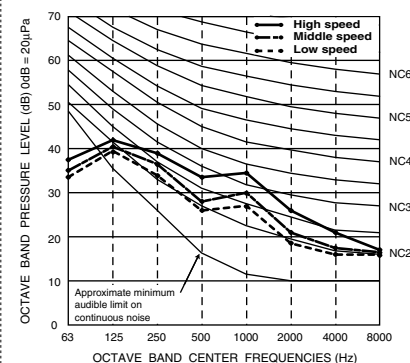
PEFY-P50VMS1(L)-E
External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz



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



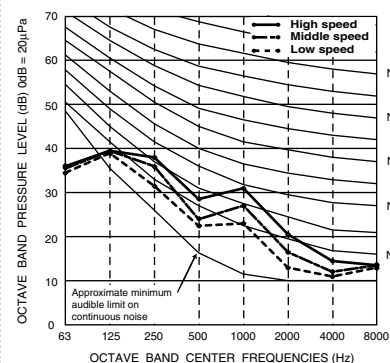
5-2. NC curves

PEFY

PEFY-P63VMS1(L)-E

External static pressure : 5Pa

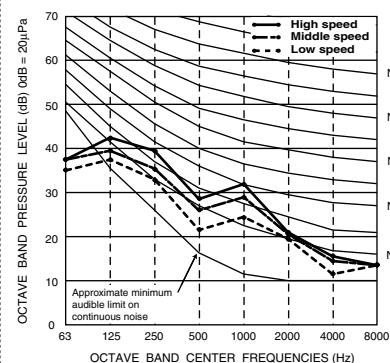
Power source : 220,230,240V, 50/60Hz



PEFY-P63VMS1(L)-E

External static pressure : 15Pa

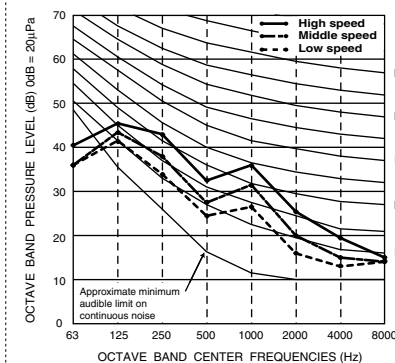
Power source : 220,230,240V, 50/60Hz



PEFY-P63VMS1(L)-E

External static pressure : 35Pa

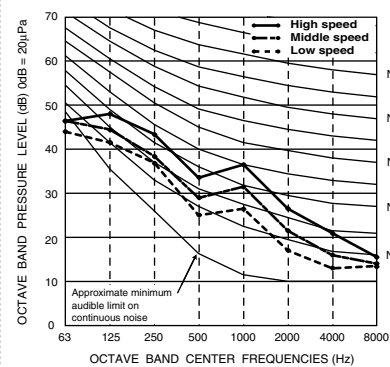
Power source : 220,230,240V, 50/60Hz



PEFY-P63VMS1(L)-E

External static pressure : 50Pa

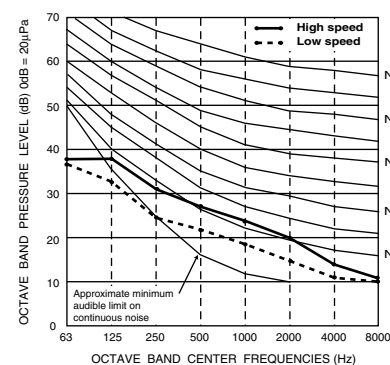
Power source : 220,230,240V, 50/60Hz



PEFY-P40,50VMH-E

External static pressure : 50Pa

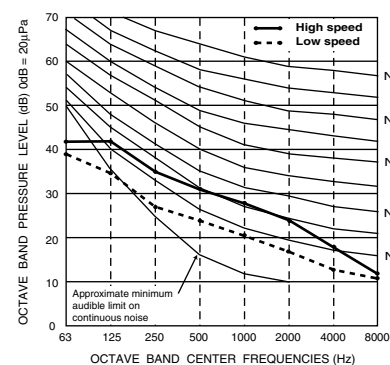
Power source : 220V, 50/60Hz



PEFY-P40,50VMH-E

External static pressure : 100Pa

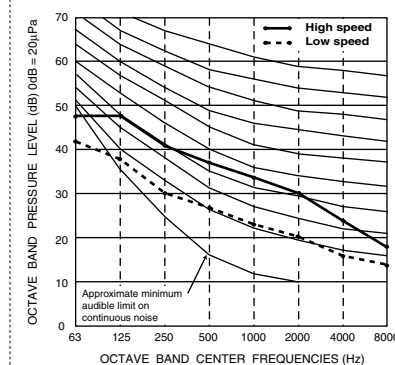
Power source : 220V, 50/60Hz



PEFY-P40,50VMH-E

External static pressure : 200Pa

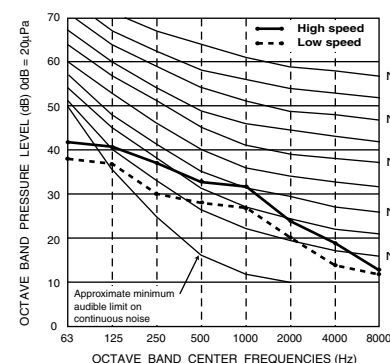
Power source : 220V, 50/60Hz



PEFY-P63VMH-E

External static pressure : 50Pa

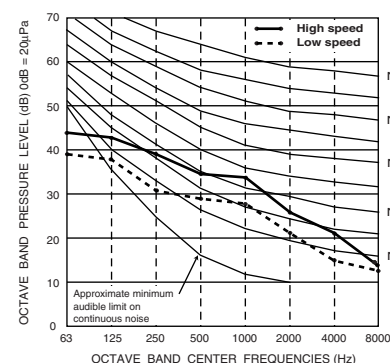
Power source : 220V, 50/60Hz



PEFY-P63VMH-E

External static pressure : 100Pa

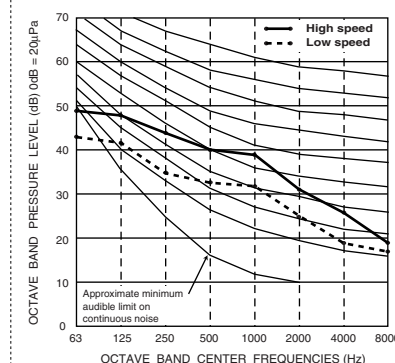
Power source : 220V, 50/60Hz



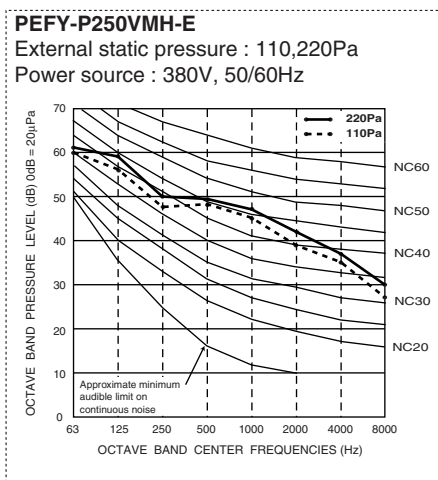
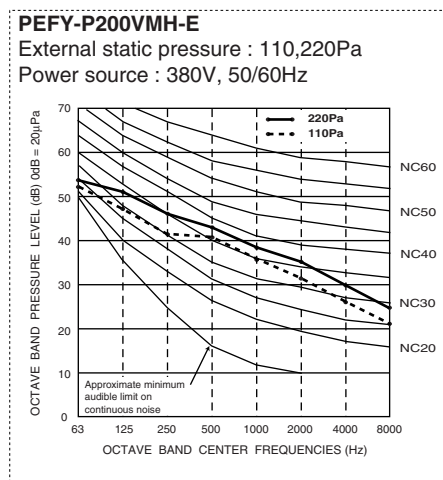
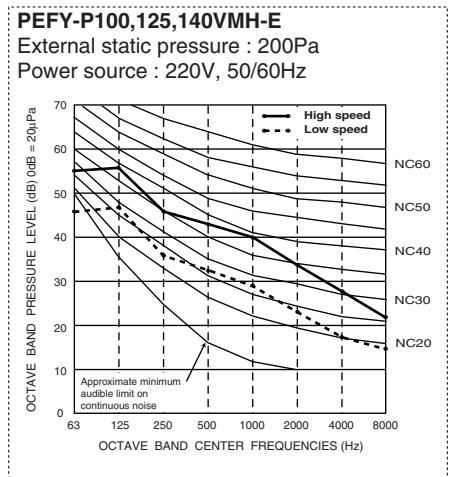
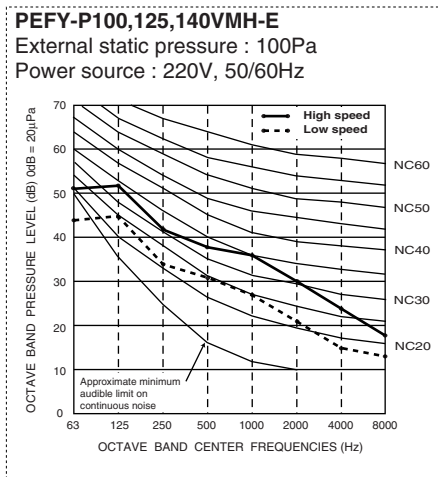
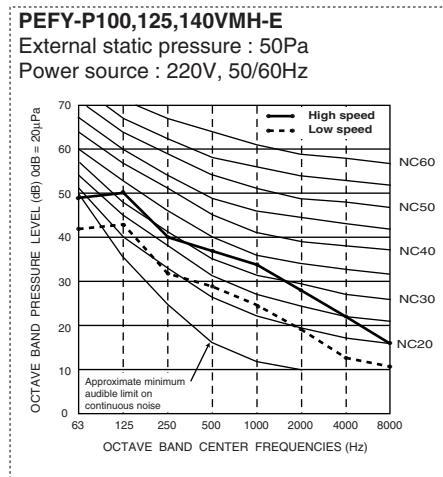
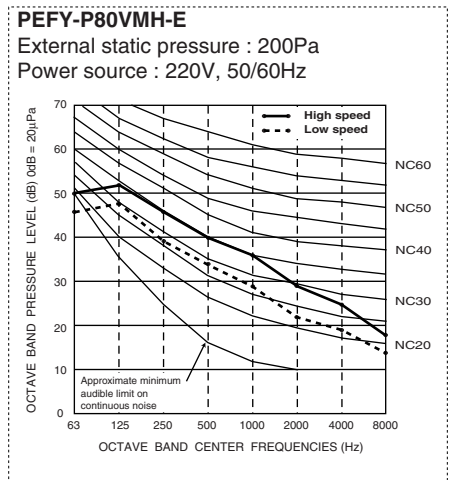
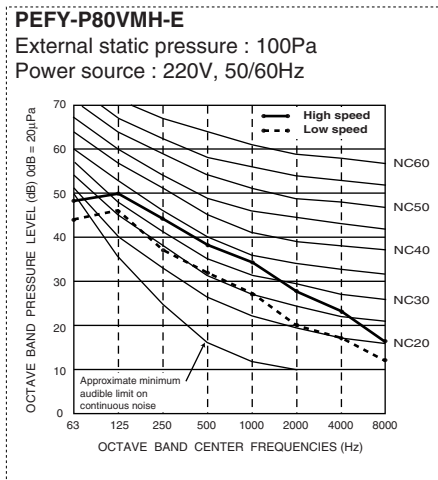
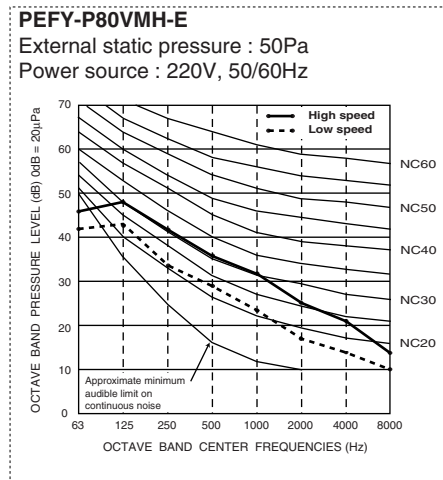
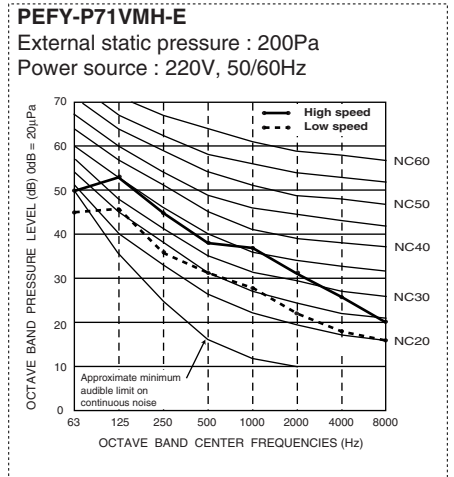
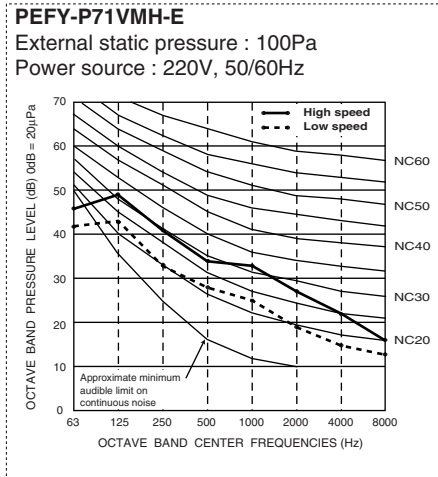
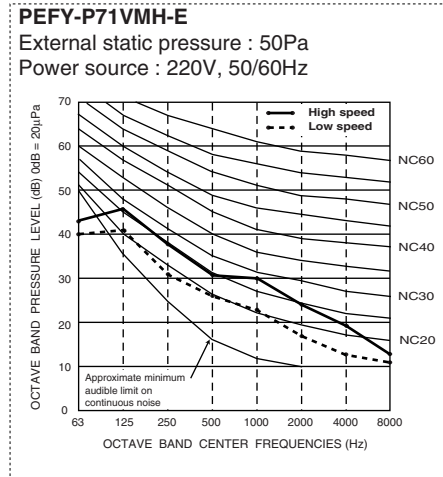
PEFY-P63VMH-E

External static pressure : 200Pa

Power source : 220V, 50/60Hz



5-2. NC curves

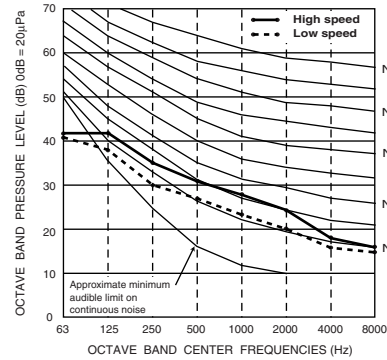


5-2. NC curves

PEFY

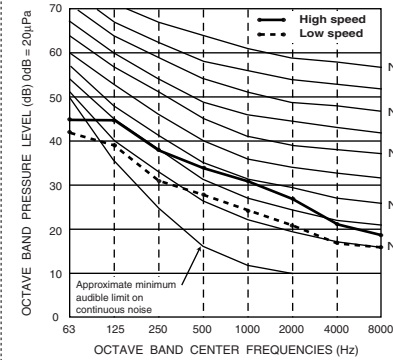
PEFY-P40,50VMH-E

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



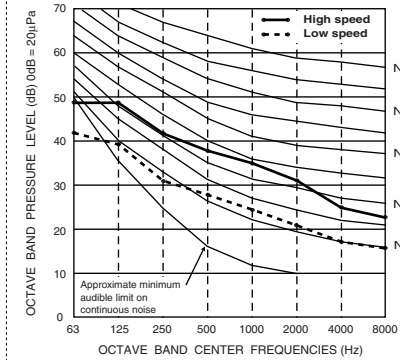
PEFY-P40,50VMH-E

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



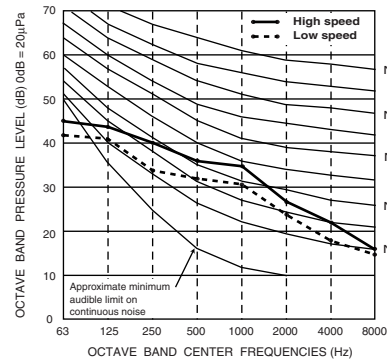
PEFY-P40,50VMH-E

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



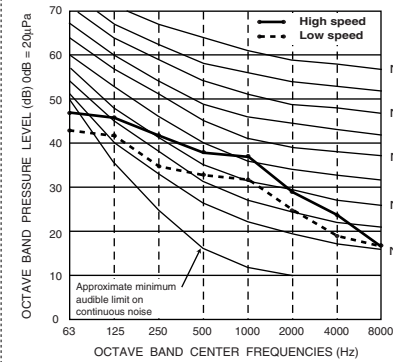
PEFY-P63VMH-E

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



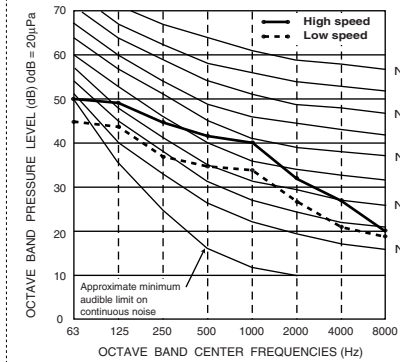
PEFY-P63VMH-E

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



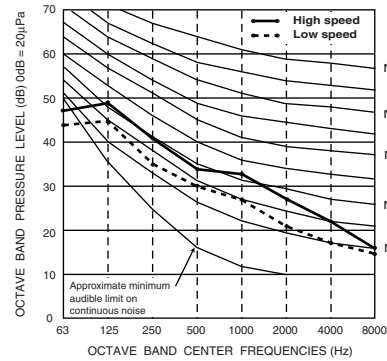
PEFY-P63VMH-E

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



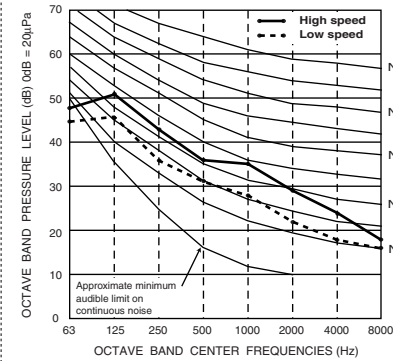
PEFY-P71VMH-E

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



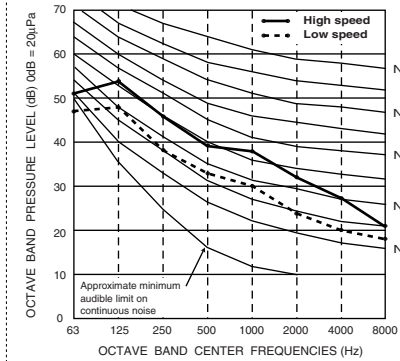
PEFY-P71VMH-E

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



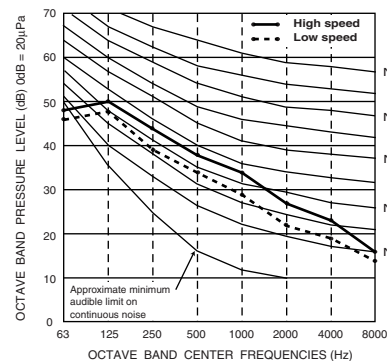
PEFY-P71VMH-E

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



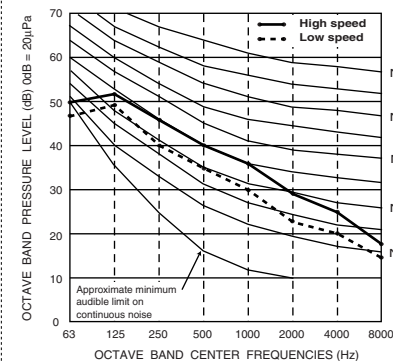
PEFY-P80VMH-E

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



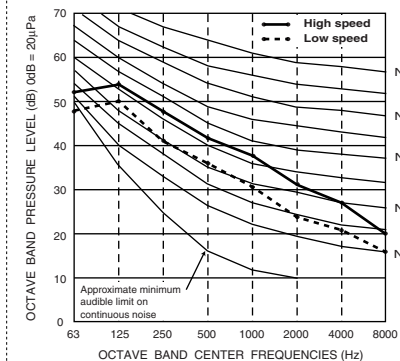
PEFY-P80VMH-E

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



PEFY-P80VMH-E

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

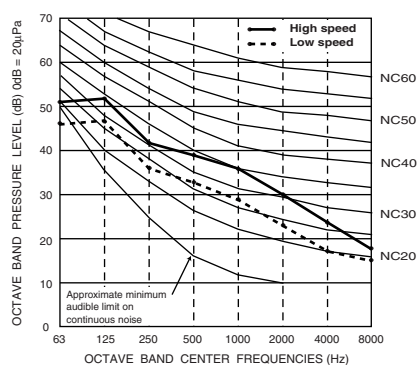


5-2. NC curves

PEFY-P100,125,140VMH-E

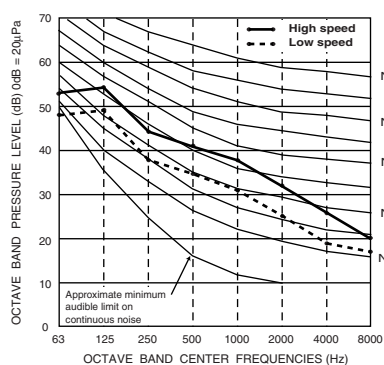
External static pressure : 100Pa

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

**PEFY-P100,125,140VMH-E**

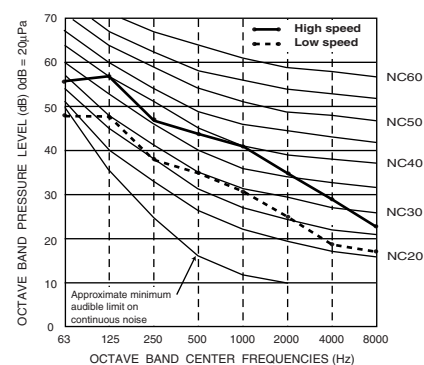
External static pressure : 150Pa

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

**PEFY-P100,125,140VMH-E**

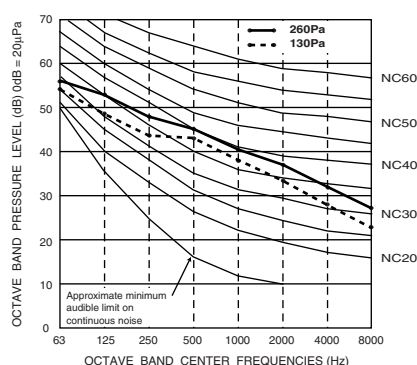
External static pressure : 200Pa

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

**PEFY-P200VMH-E**

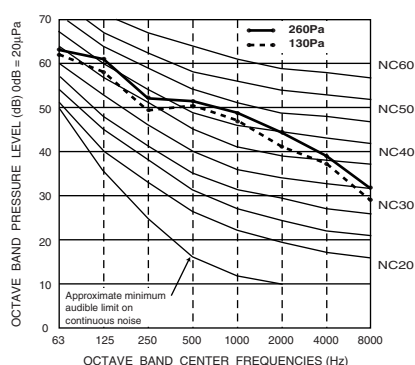
External static pressure : 130,260Pa

Power source : 400,415V, 50/60Hz

**PEFY-P250VMH-E**

External static pressure : 130,260Pa

Power source : 400,415V, 50/60Hz



5. SOUND LEVELS

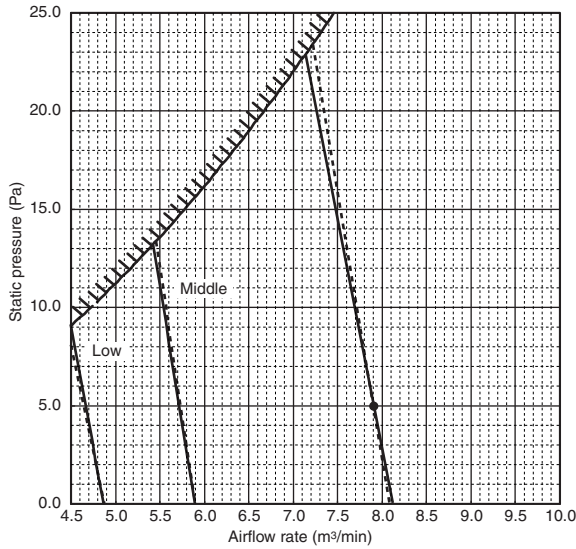
PEFY

5-3. Fan characteristics curves

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

External static pressure : 5Pa
Power source : 220,230,240V

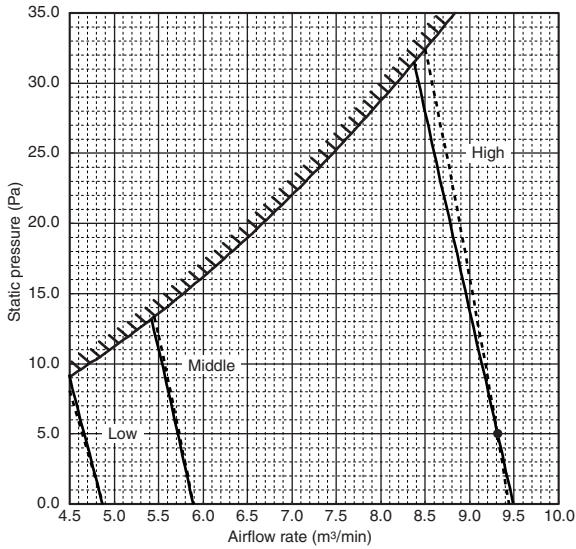
Suction : Back inlet
— 50Hz
- - - 60Hz



PEFY-P32VMR-E-L/R

External static pressure : 5Pa
Power source : 220,230,240V

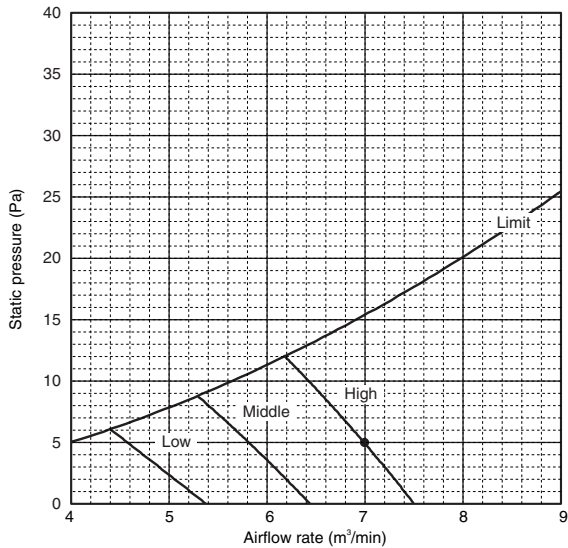
Suction : Back inlet
— 50Hz
- - - 60Hz



PEFY-P15VMS1(L)-E

External static pressure : 5Pa
Power source : 220,230,240V, 50/60Hz

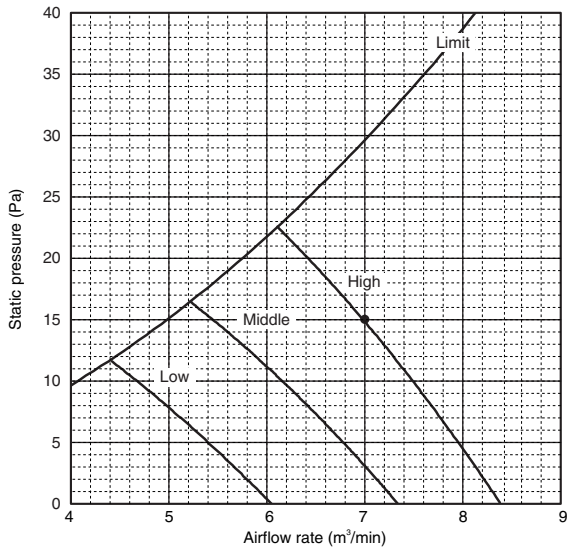
Suction : Back inlet



PEFY-P15VMS1(L)-E

External static pressure : 15Pa
Power source : 220,230,240V, 50/60Hz

Suction : Back inlet



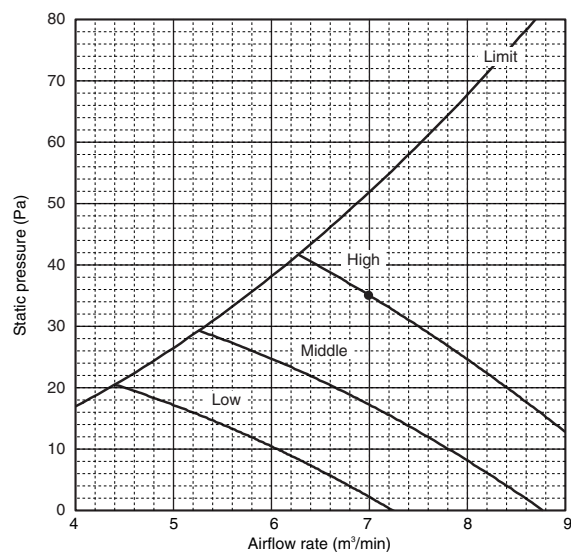
5-3. Fan characteristics curves

PEFY-P15VMS1(L)-E

External static pressure : 35Pa

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

Suction : Back inlet

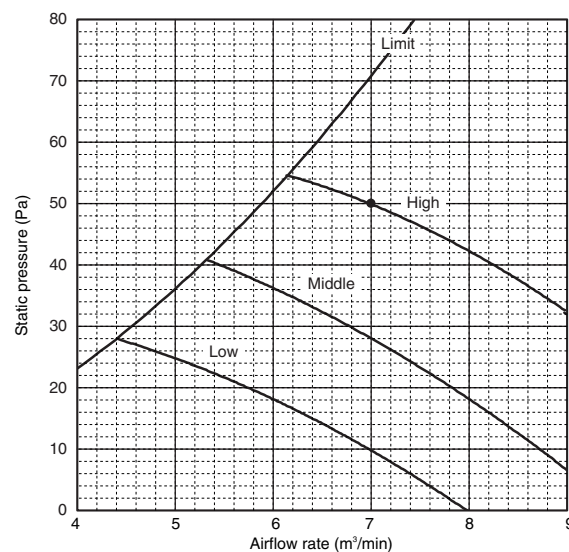


PEFY-P15VMS1(L)-E

External static pressure : 50Pa

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

Suction : Back inlet

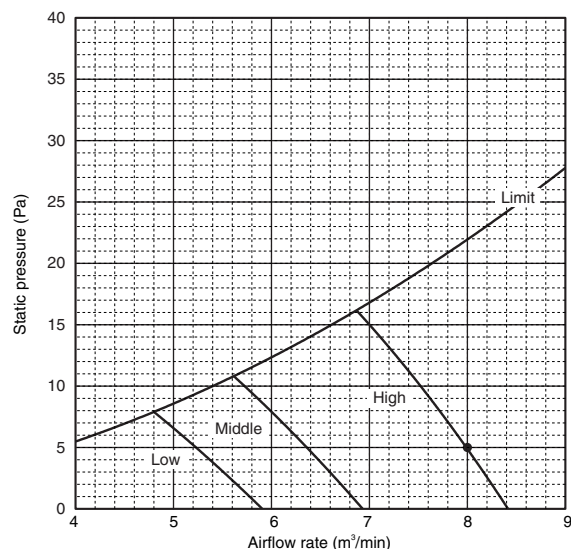


PEFY-P20VMS1(L)-E

External static pressure : 5Pa

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

Suction : Back inlet

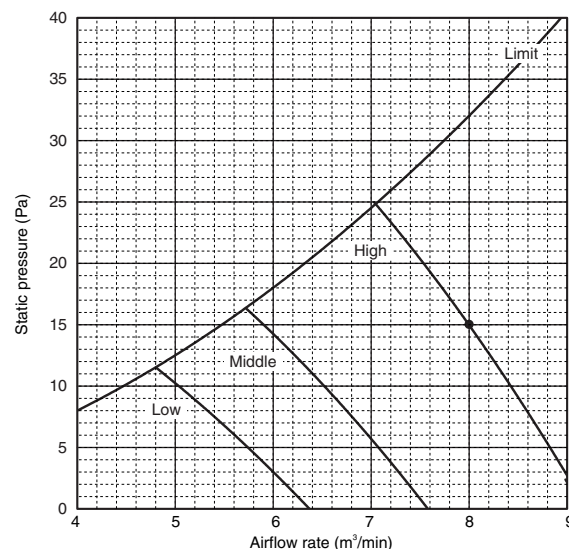


PEFY-P20VMS1(L)-E

External static pressure : 15Pa

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

Suction : Back inlet

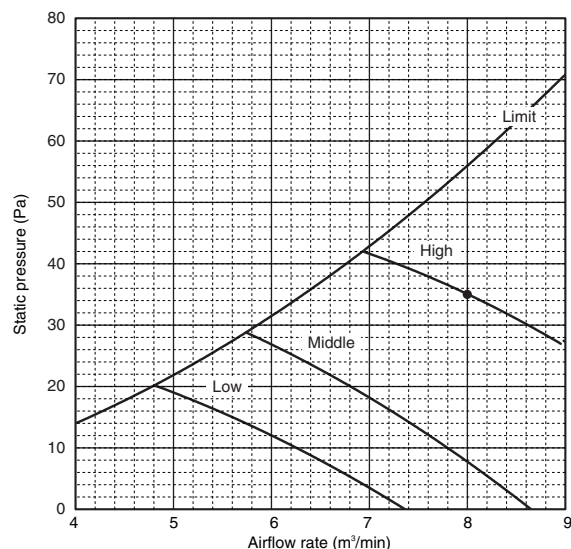


PEFY-P20VMS1(L)-E

External static pressure : 35Pa

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

Suction : Back inlet

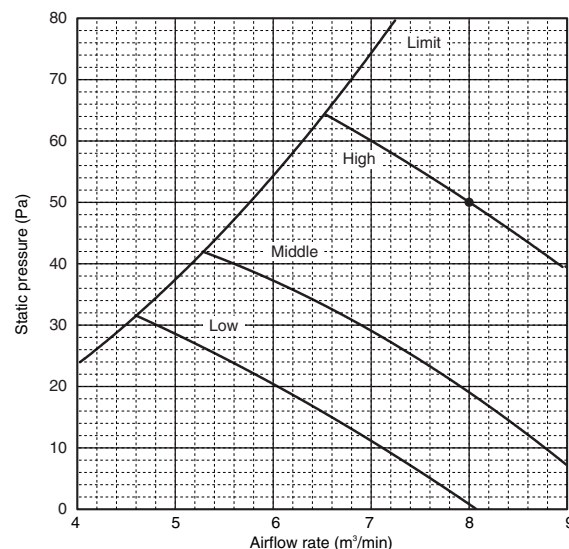


PEFY-P20VMS1(L)-E

External static pressure : 50Pa

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

Suction : Back inlet



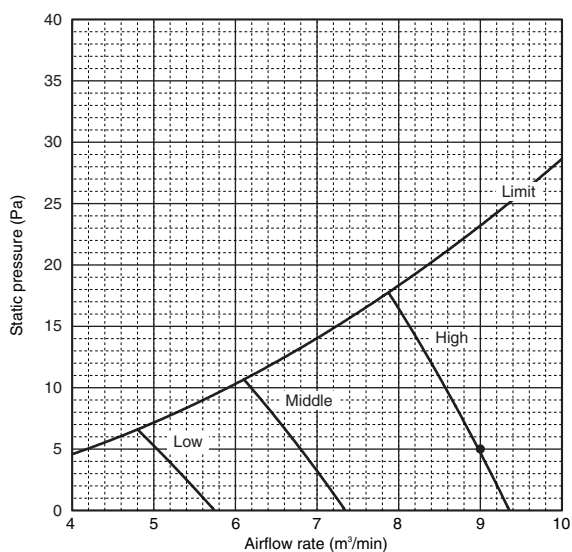
5-3. Fan characteristics curves

PEFY-P25VMS1(L)-E

External static pressure : 5Pa

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

Suction : Back inlet

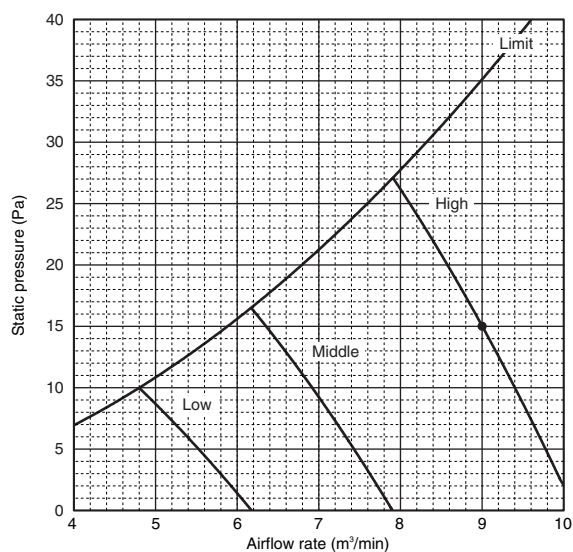


PEFY-P25VMS1(L)-E

External static pressure : 15Pa

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

Suction : Back inlet

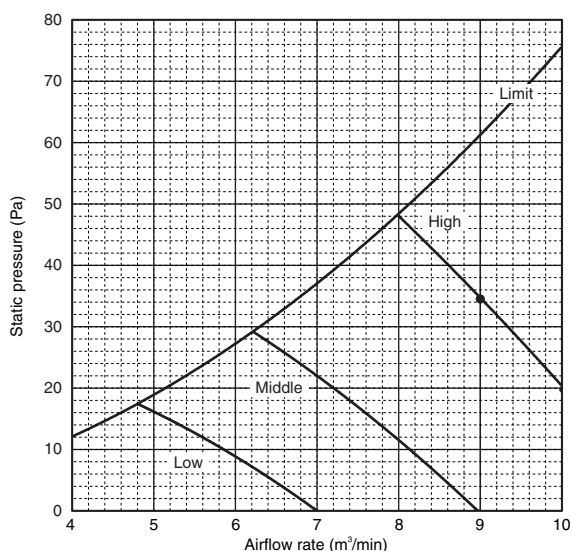


PEFY-P25VMS1(L)-E

External static pressure : 35Pa

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

Suction : Back inlet

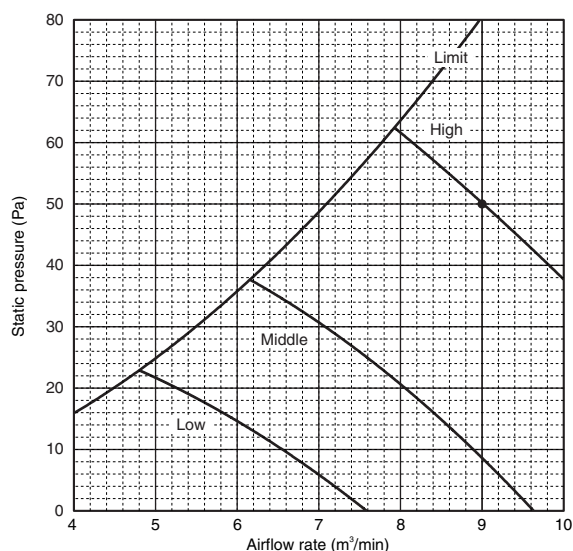


PEFY-P25VMS1(L)-E

External static pressure : 50Pa

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

Suction : Back inlet

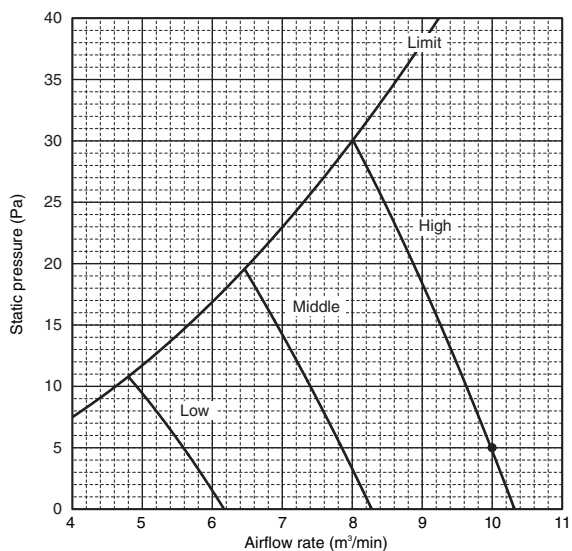


PEFY-P32VMS1(L)-E

External static pressure : 5Pa

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

Suction : Back inlet

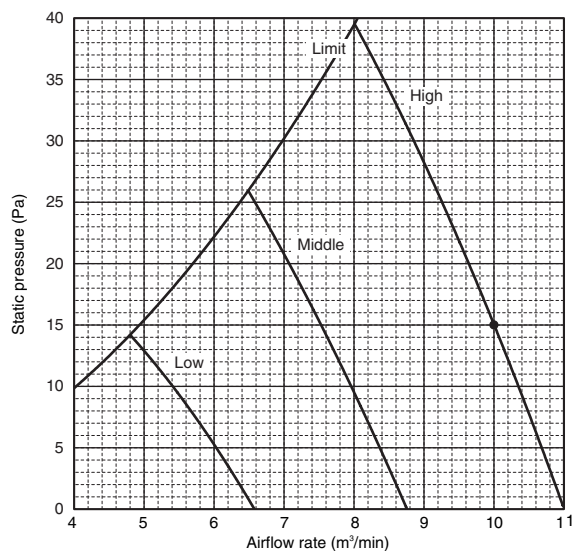


PEFY-P32VMS1(L)-E

External static pressure : 15Pa

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

Suction : Back inlet



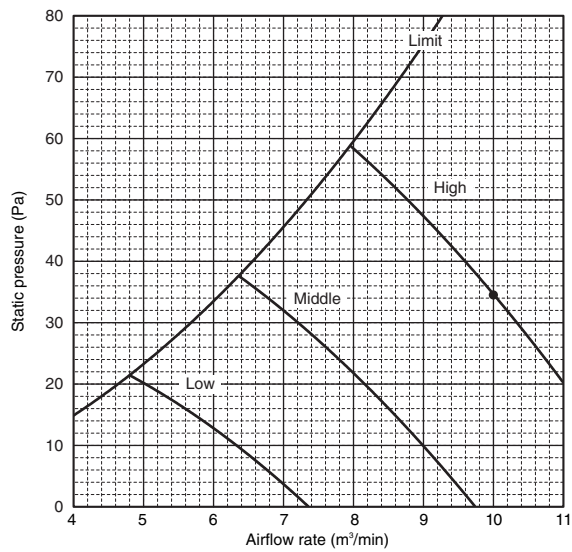
5-3. Fan characteristics curves

PEFY-P32VMS1(L)-E

External static pressure : 35Pa

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

Suction : Back inlet

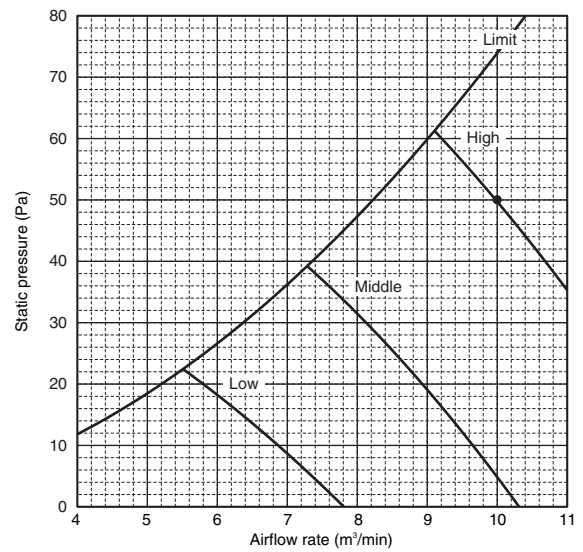


PEFY-P32VMS(L)-E

External static pressure : 50Pa

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

Suction : Back inlet

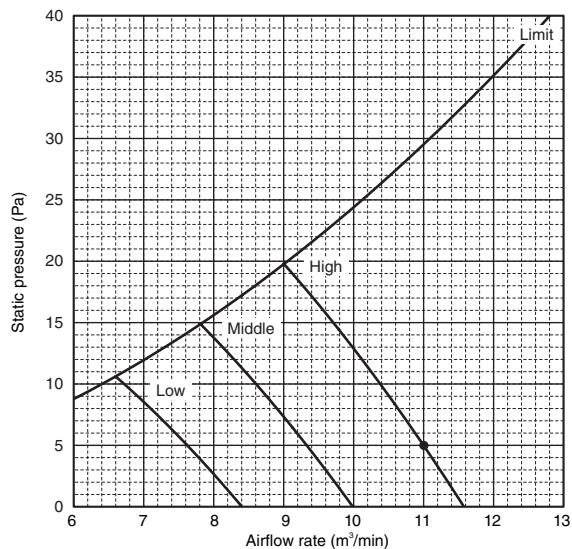


PEFY-P40VMS1(L)-E

External static pressure : 5Pa

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

Suction : Back inlet

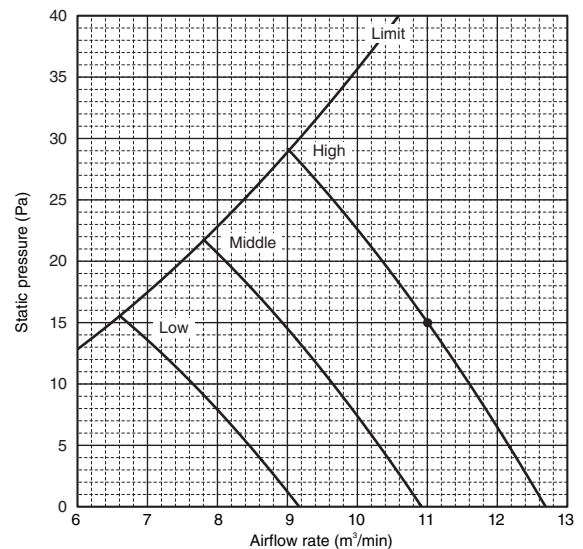


PEFY-P40VMS1(L)-E

External static pressure : 15Pa

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

Suction : Back inlet

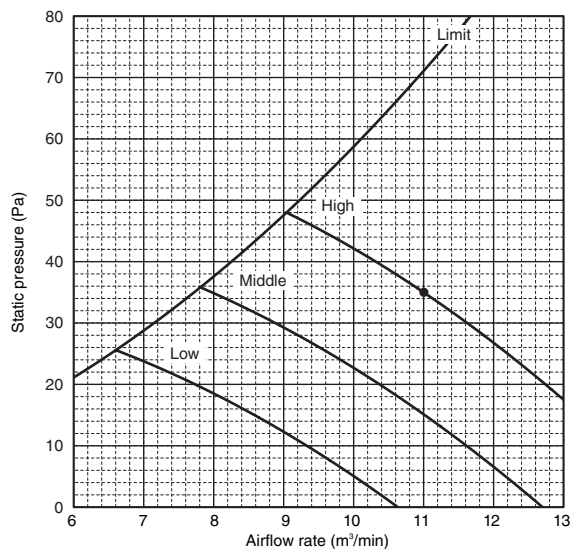


PEFY-P40VMS1(L)-E

External static pressure : 35Pa

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

Suction : Back inlet

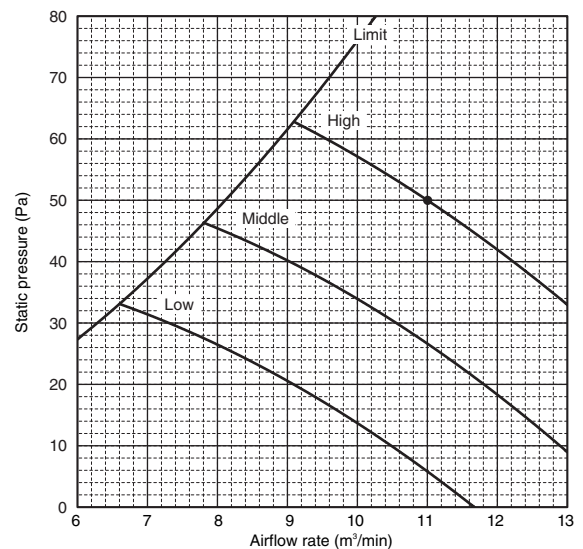


PEFY-P40VMS1(L)-E

External static pressure : 50Pa

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

Suction : Back inlet



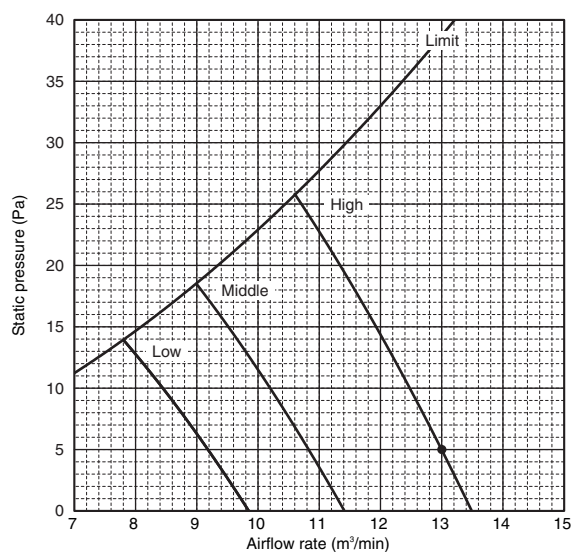
5-3. Fan characteristics curves

PEFY-P50VMS1(L)-E

External static pressure : 5Pa

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

Suction : Back inlet

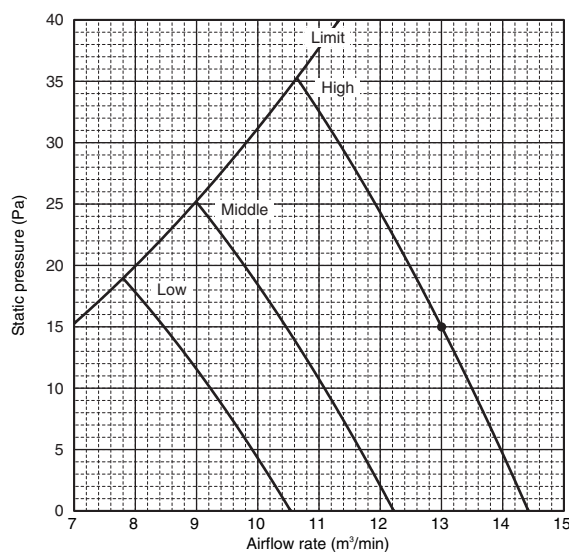


PEFY-P50VMS1(L)-E

External static pressure : 15Pa

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

Suction : Back inlet

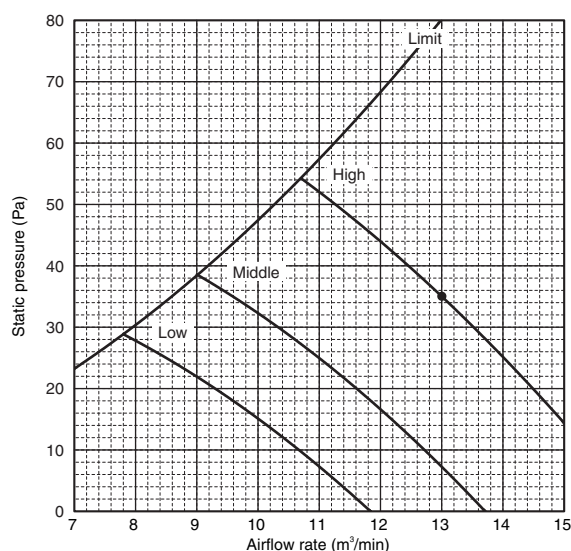


PEFY-P50VMS1(L)-E

External static pressure : 35Pa

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

Suction : Back inlet

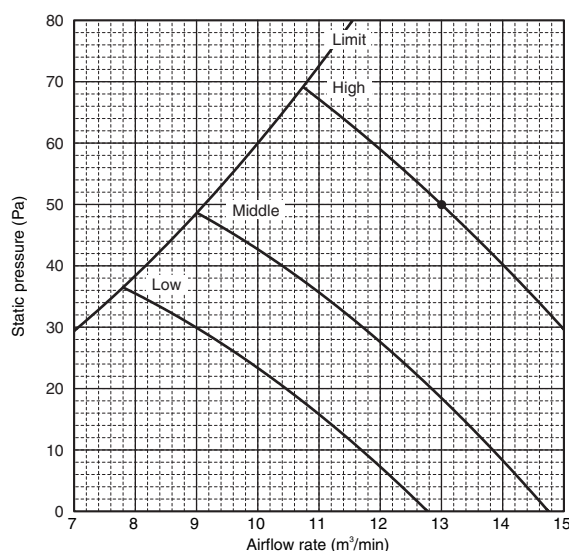


PEFY-P50VMS1(L)-E

External static pressure : 50Pa

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

Suction : Back inlet

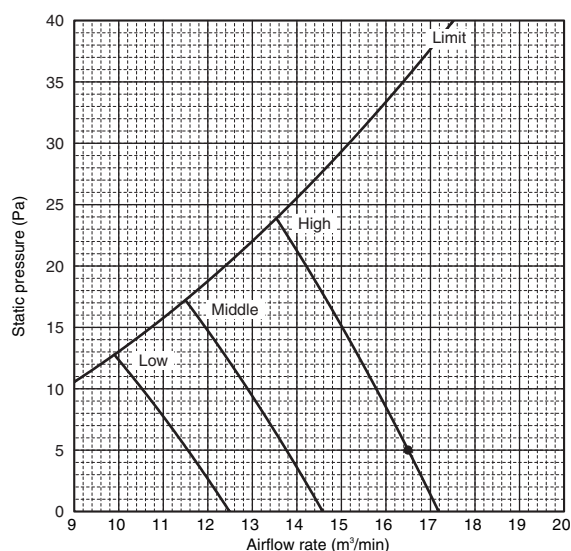


PEFY-P63VMS1(L)-E

External static pressure : 5Pa

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

Suction : Back inlet

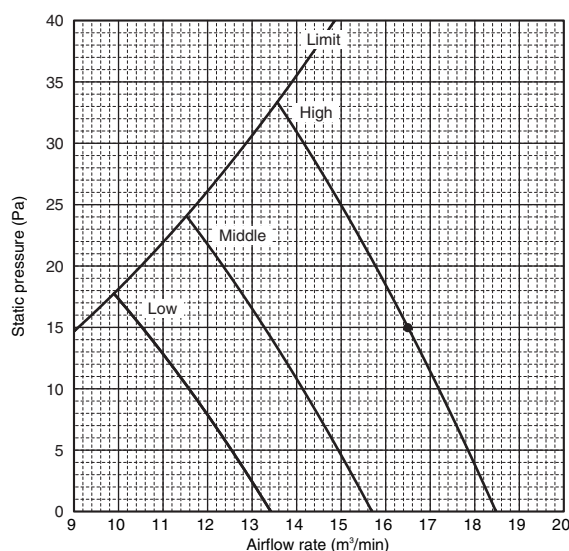


PEFY-P63VMS1(L)-E

External static pressure : 15Pa

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

Suction : Back inlet



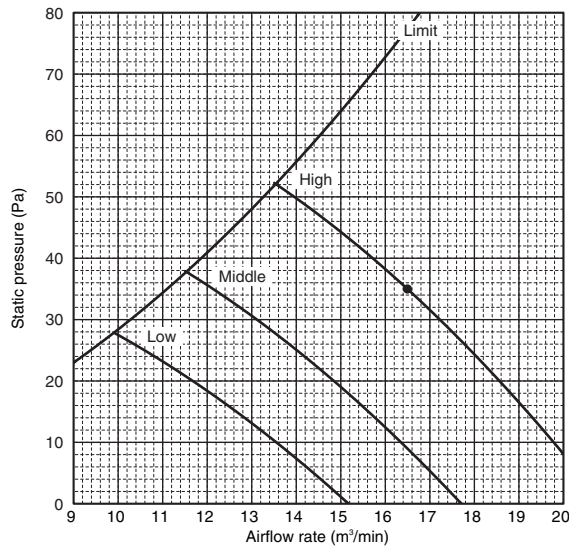
5-3. Fan characteristics curves

PEFY-P63VMS1(L)-E

External static pressure : 35Pa

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

Suction : Back inlet

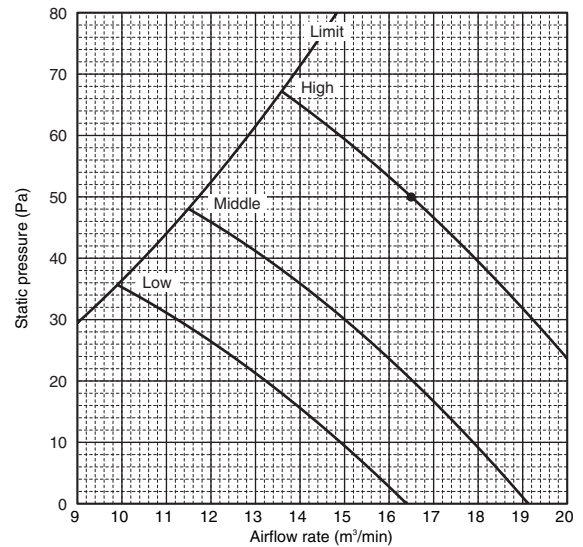


PEFY-P63VMS1(L)-E

External static pressure : 50Pa

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

Suction : Back inlet

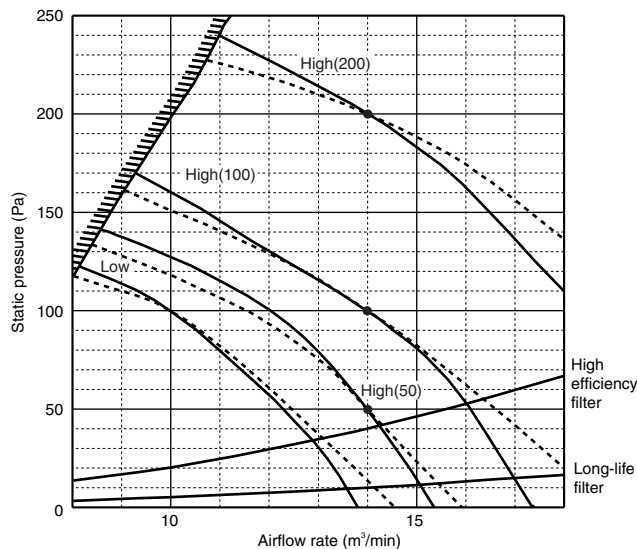


PEFY-P40,50VMH-E

External static pressure : 50,100,200Pa

Power source : 220V

Suction : Back inlet

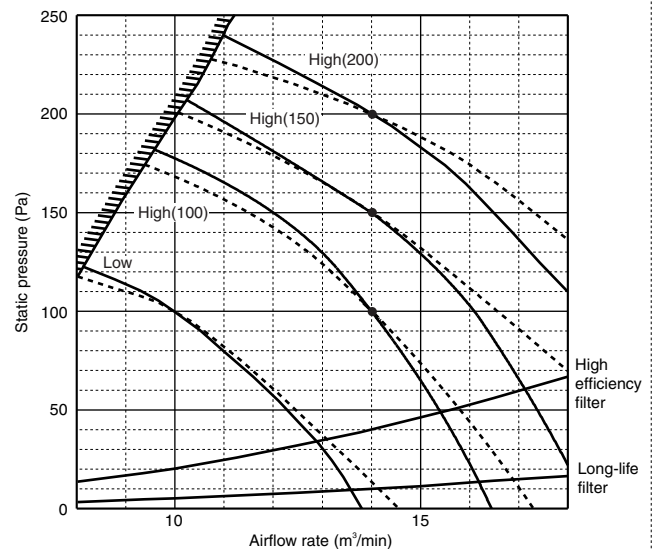
— 50Hz
- - - 60Hz


PEFY-P40,50VMH-E

External static pressure : 100,150,200Pa

Power source : 230,240V

Suction : Back inlet

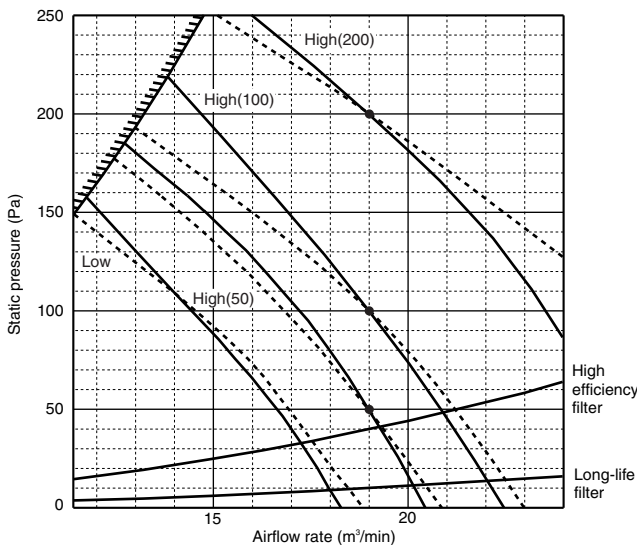
— 50Hz
- - - 60Hz


PEFY-P63VMH-E

External static pressure : 50,100,200Pa

Power source : 220V

Suction : Back inlet

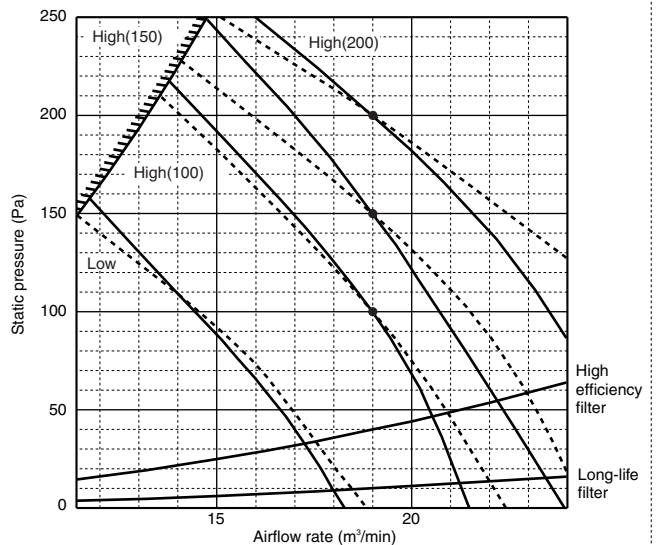
— 50Hz
- - - 60Hz


PEFY-P63VMH-E

External static pressure : 100,150,200Pa

Power source : 230,240V

Suction : Back inlet

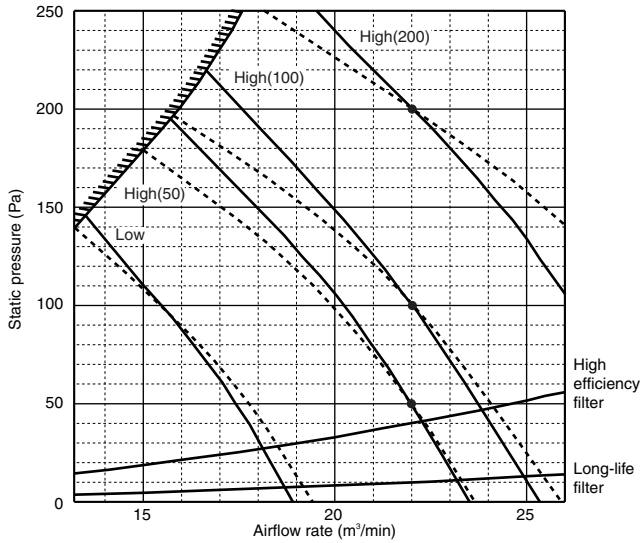
— 50Hz
- - - 60Hz


5-3. Fan characteristics curves

PEFY-P71VMH-E

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

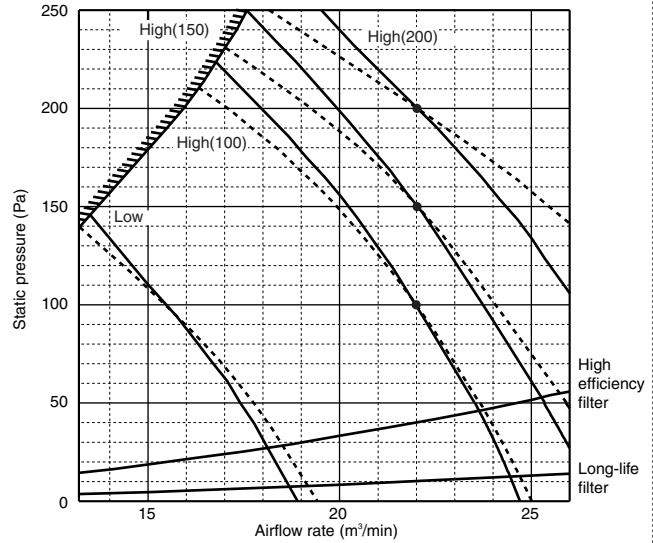
Suction : Back inlet
— 50Hz
- - - 60Hz



PEFY-P71VMH-E

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

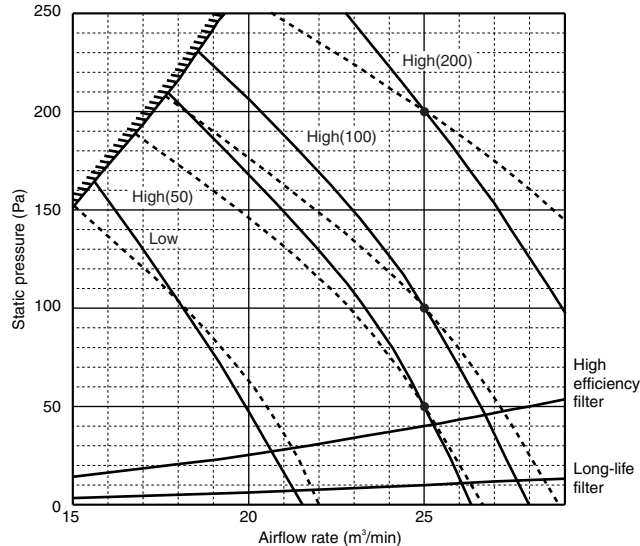
Suction : Back inlet
— 50Hz
- - - 60Hz



PEFY-P80VMH-E

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

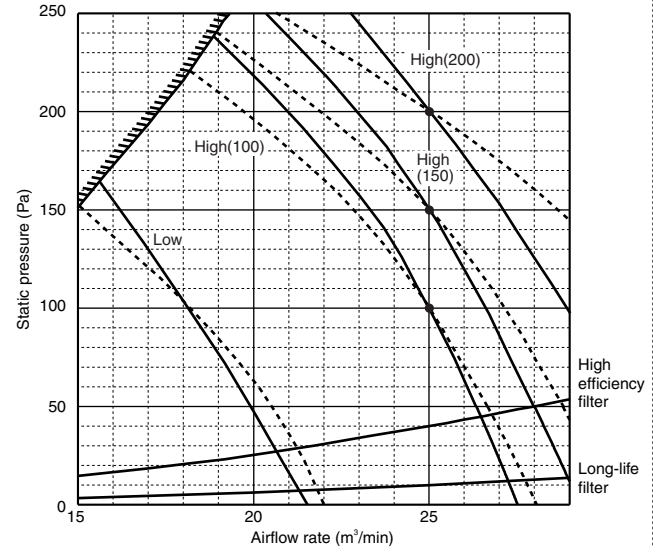
Suction : Back inlet
— 50Hz
- - - 60Hz



PEFY-P80VMH-E

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

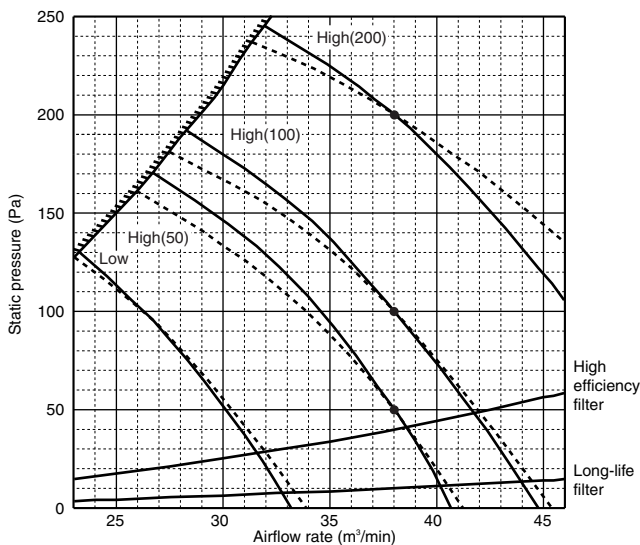
Suction : Back inlet
— 50Hz
- - - 60Hz



PEFY-P100,125VMH-E

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

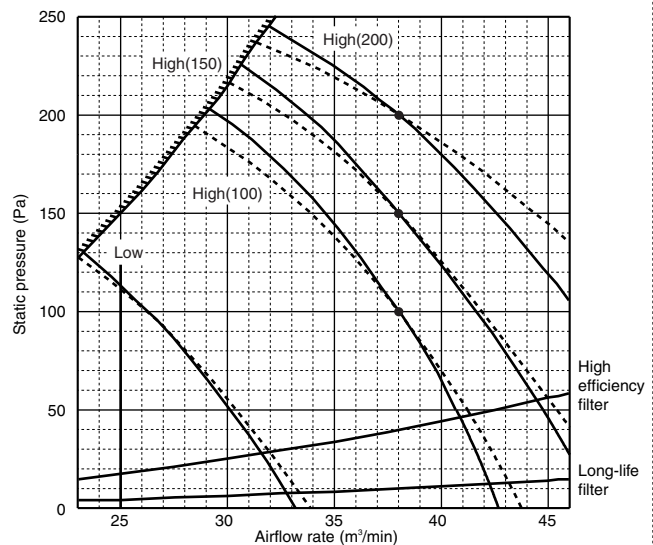
Suction : Back inlet
— 50Hz
- - - 60Hz



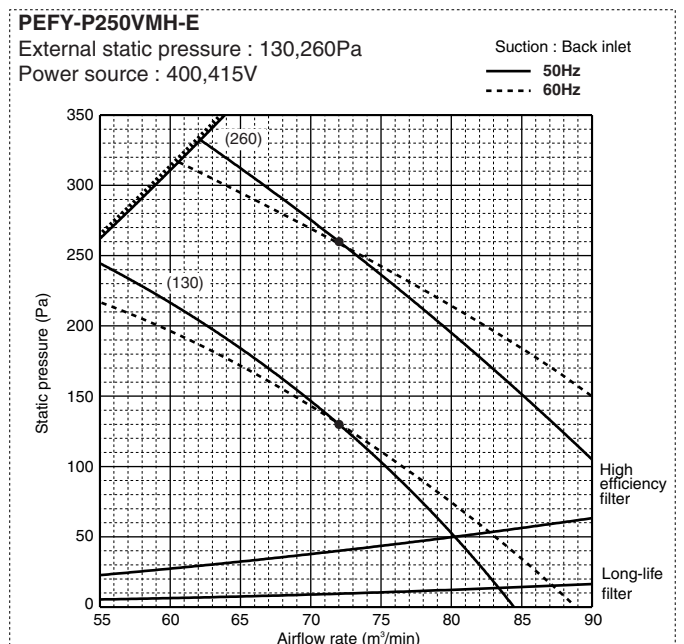
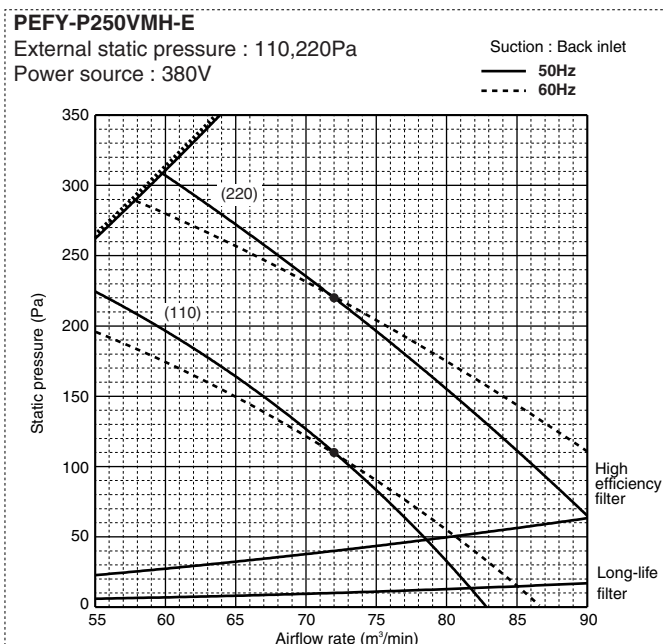
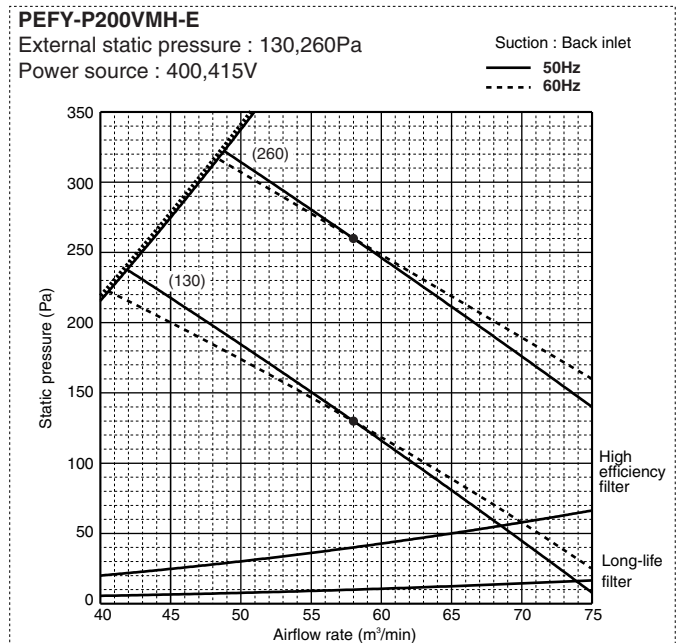
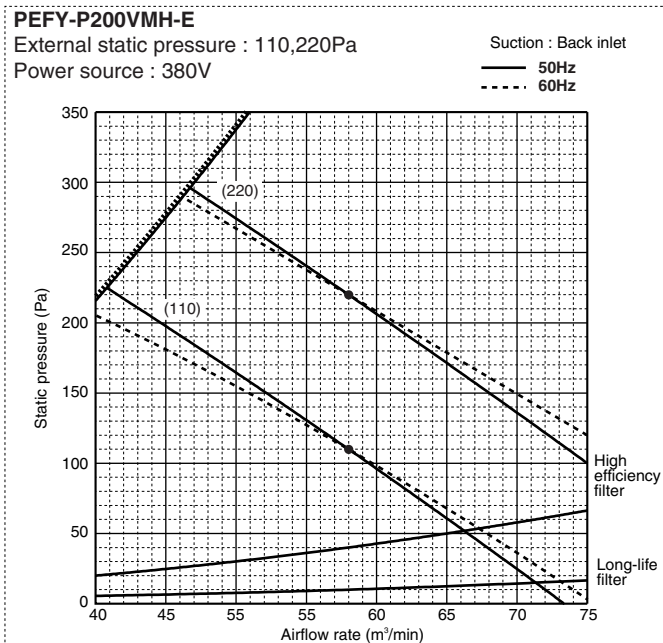
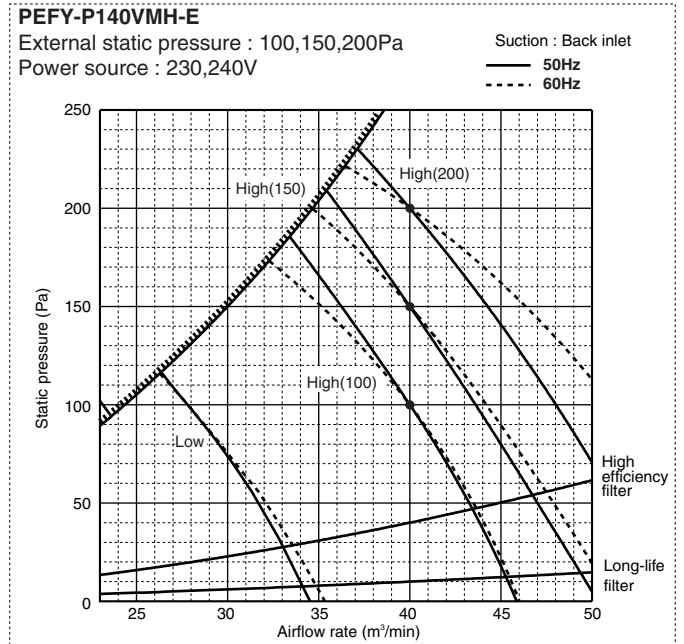
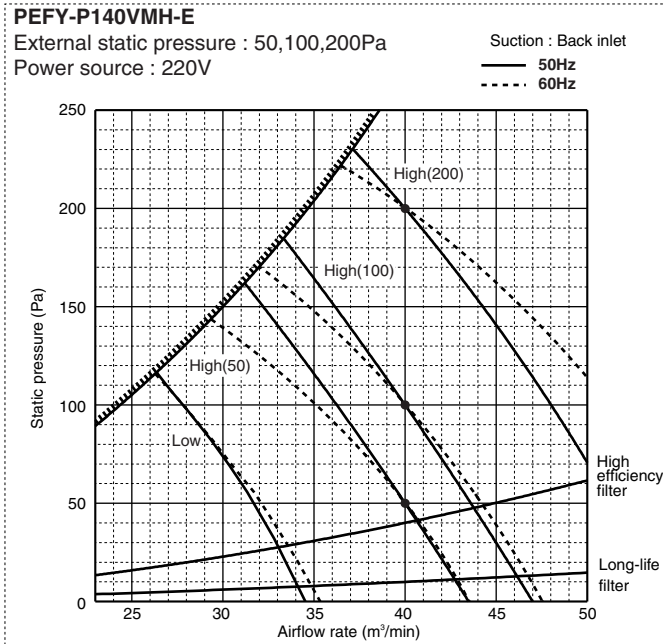
PEFY-P100,125VMH-E

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

Suction : Back inlet
— 50Hz
- - - 60Hz



5-3. Fan characteristics curves

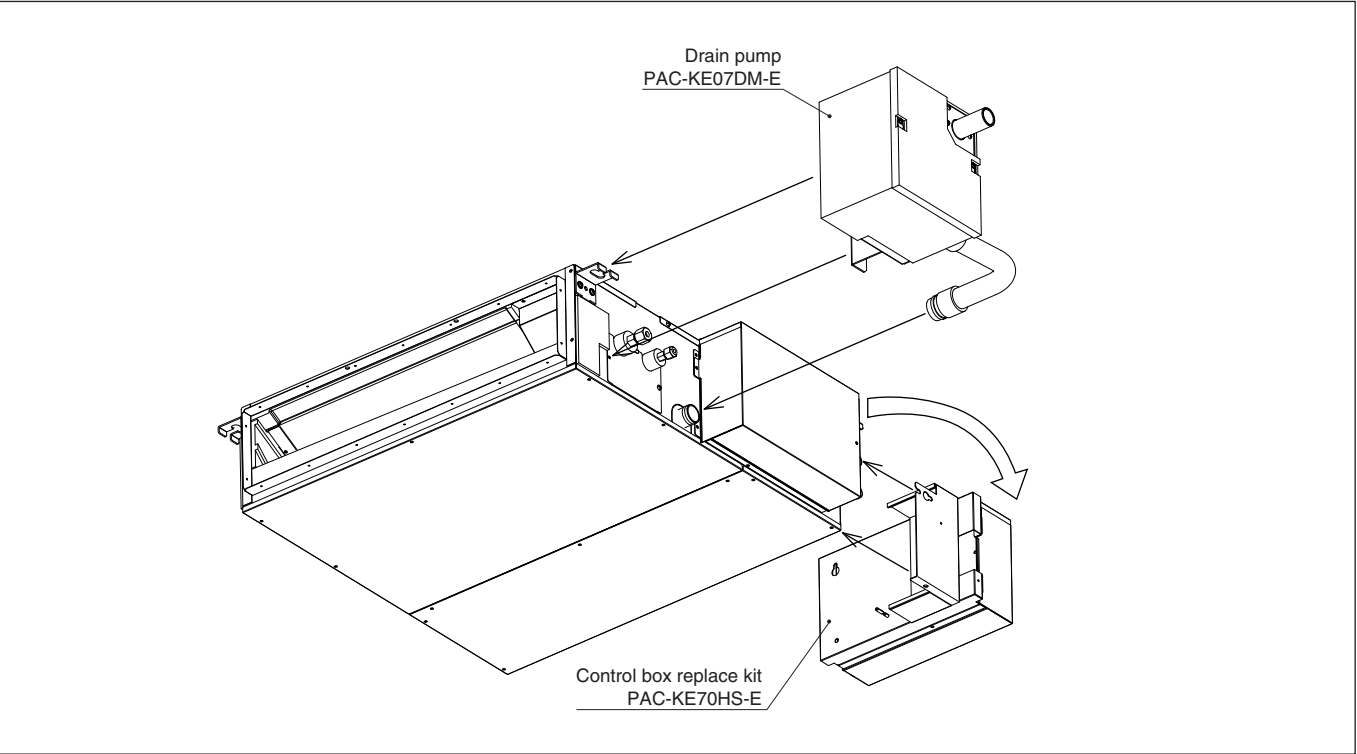


PEFY

■ 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

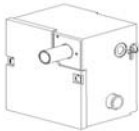
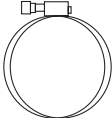
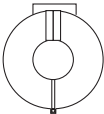
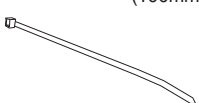
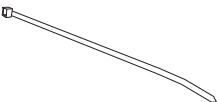


■ Optional parts line up for the Indoor unit

	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) 		

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

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PEFY

■ Control box replace kit PAC-KE70HS-E

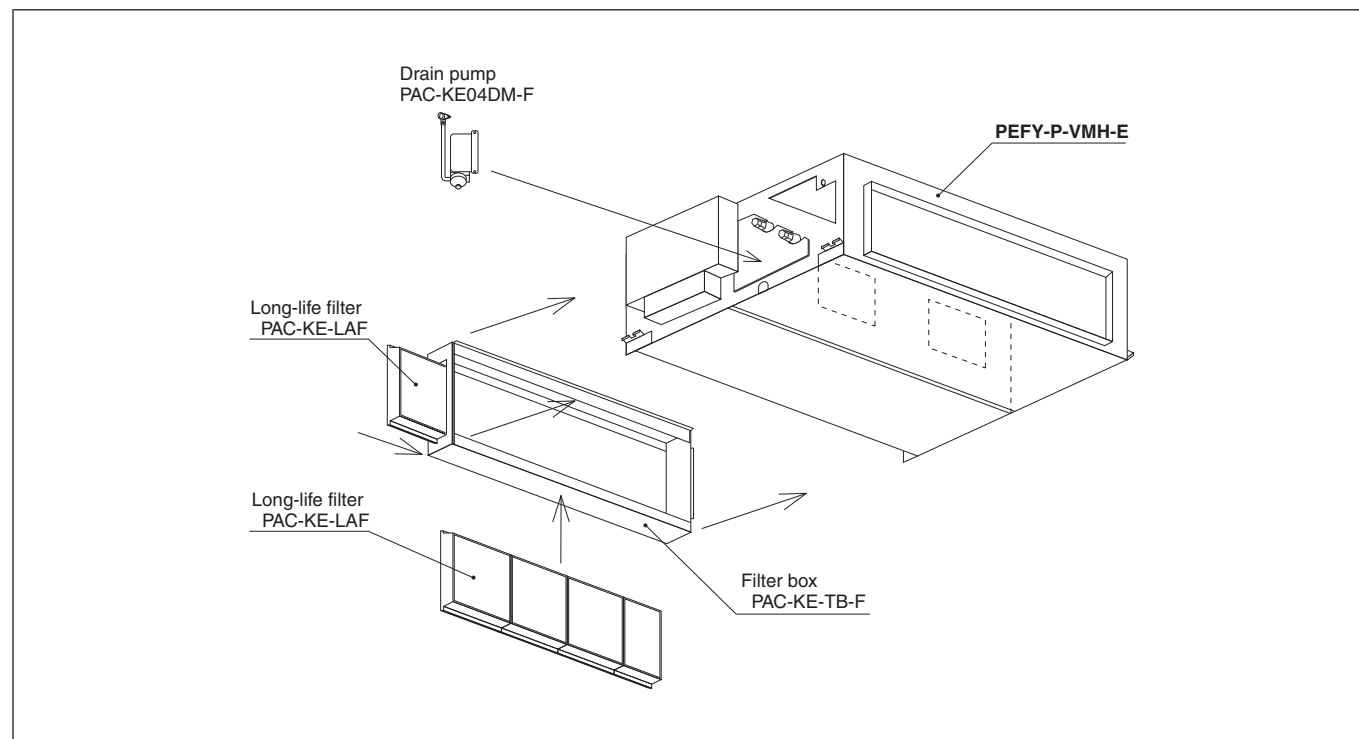
Parts	① PLATE A	② PLATE B	③ PLATE C	④ COVER A
Q'ty	1	1	1	1
Shape				
Parts	⑤ COVER B	⑥ LEAD WIRE MOTOR	⑦ LEAD WIRE LEV	⑧ LEAD WIRE THM A
Q'ty	1	1	1	1
Shape		 White 7-pin connector	 White 6-pin connector	 White 4-pin connector
Parts	⑨ LEAD WIRE THM B	⑩ LEAD WIRE EARTH	⑪ LEAD WIRE PUMP	⑫ LEAD WIRE FS
Q'ty	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, ⑫ LEAD WIRE FS is not used.

■ 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

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PEFY

■ 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/m³)

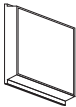
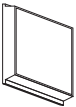
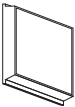
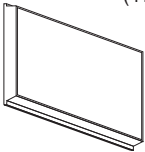
*. The actual dust situation affects the filter life span, which should be considered at the applying site.

Material: Synthetic fiber unwoven cloth filter

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

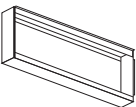
Long-life filter should be used together with filter box PAC-KE-TB-F.

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

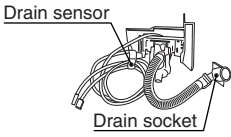
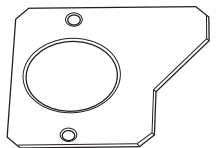
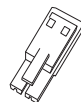
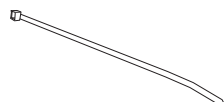
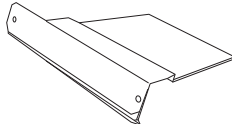
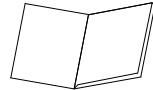
Item	① Screw	② Filter box	③ Installation manual	
Quantity	10/12*	1	1	
Shape				*PAC-KE250TB has 12 pieces of screw.

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					
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)