MITSUBISHI ELECTRIC

Changes for the Better

AIR CONDITIONING SYSTEMS

HYBRID CITY MULTI

DATA BOOK

MODEL

PEFY-W-VMA(L)-A

CONTENTS

PEFY-W-VMA(L)-A

Model				PEFY-W20VMA-A	PEFY-W25VMA-A	PEFY-W32VMA-A	PEFY-W40VMA-A
Power source				1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz
Cooling capacity		*1	kW	2.2	2.8	3.6	4.5
(Nominal)		*1	BTU/h	7,500	9,600	12,300	15,400
	*2 Power input		kW	0.032	0.032	0.044	0.047
	*2 Current input		A	0.26-0.25-0.24	0.26-0.25-0.24	0.36-0.34-0.33	0.39-0.37-0.36
Heating capacity		*3	kW	2.5	3.2	4.0	5.0
(Nominal)		*3	BTU/h	8,500	10,900	13,600	17,100
	*2 Power input		kW	0.030	0.030	0.042	0.045
	*2 Current input		A	0.26-0.25-0.24	0.26-0.25-0.24	0.36-0.34-0.33	0.39-0.37-0.36
External finish				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
External dimension H × W × D			mm	250 x 700 x 732	250 x 700 x 732	250 x 700 x 732	250 x 900 x 732
			in.	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8
Net weight			kg (lbs)	22 (49)	22 (49)	22 (49)	26 (58)
Heat exchanger				Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)
	Water Volume		L	0.7	0.7	0.7	1.0
FAN	Type × Quantity			Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 2
*4	External static press.		Pa	35 - <50> - <70> - <100> - <150>	35 - <50> - <70> - <100> - <150>	35 - <50> - <70> - <100> - <150>	35 - <50> - <70> - <100> - <150>
			mmH_2O	3.6 - <5.1> - <7.1> - <10.2> - <15.3>	3.6 - <5.1> - <7.1> - <10.2> - <15.3>	3.6 - <5.1> - <7.1> - <10.2> - <15.3>	3.6 - <5.1> - <7.1> - <10.2> - <15.3>
	Motor Type			DC motor	DC motor	DC motor	DC motor
	Motor output		kW	0.085	0.085	0.085	0.121
	Driving mechanism			Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor
	Air flow rate			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
			m^3/min	6.0 - 7.5 - 8.5	6.0 - 7.5 - 8.5	7.5 - 9.0 - 10.5	10.0 - 12.0 - 14.0
			L/s	100 - 125 - 142	100 - 125 - 142	125 - 150 - 175	167 - 200 - 233
			cfm	212 - 265 - 300	212 - 265 - 300	265 - 318 - 371	353 - 424 - 494
Sound pressure level (measured in anechoic room)				(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
		*2	dB <A>	21.0-25.0-27.0	21.0-25.0-27.0	23.0-27.0-30.0	23.0-28.0-31.0
Insulation material				EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam
Air filter				PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.
Protection device				Fuse	Fuse	Fuse	Fuse
Refrigerant control device				Flow control valve	Flow control valve	Flow control valve	Flow control valve
Connectable HBC/Hydro unit				CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A
Water piping diameter		*5, 6					
Connection size	Inlet		mm O.D.	22	22	22	22
	Outlet		mm O.D.	22	22	22	22
Field pipe size	Inlet		mm I.D.	20	20	20	20
	Outlet		mm I.D.	20	20	20	20
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)
Drawing	External			KL94R777	KL94R777	KL94R777	KL94R777
	Wiring			KL94R847	KL94R847	KL94R847	KL94R847
	Refrigerant cycle			-	-	-	-
Standard attachment	Document			Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book
	Accessory			Washer, Drain hose, Tie band	Washer, Drain hose, Tie band	Washer, Drain hose, Tie band	Washer, Drain hose, Tie band
Optional parts	Filter box			PAC-KE91TB-E	PAC-KE91TB-E	PAC-KE91TB-E	PAC-KE92TB-E
	Plasma Quad Connect			MAC-100FT-E	MAC-100FT-E	MAC-100FT-E	MAC-100FT-E
	PQ attachment (Rear inlet)			PAC-HA31PAR	PAC-HA31PAR	PAC-HA31PAR	PAC-HA31PAR
	PQ attachment (Bottom inlet)			PAC-HA31PAU	PAC-HA31PAU	PAC-HA31PAU	PAC-HA31PAU
	PQ box			PAC-KE91PTB-E	PAC-KE91PTB-E	PAC-KE91PTB-E	PAC-KE92PTB-E
Remarks				* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:

1.Nominal cooling conditions
Indoor:27°CDB/19°CWB (81°FDB/66°FWB), Outdoor:35°CDB (95°FDB)
Pipe length:7.5m (24-9/16ft.), Level difference:0m (0ft.)
2.The values are measured at the factory setting of external static pressure.
3.Nominal heating conditions
Indoor:20°CDB (68°FDB), Outdoor:7°CDB/6°CWB (45°FDB/43°FWB)
Pipe length:7.5m (24-9/16ft.), Level difference:0m (0ft.)
4.The factory setting of airflow mode and external static pressure mode is shown without < >.
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.
5.Be sure to install a valve on the water inlet/outlet.
6.Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.
7.Please group units that operate on 1 branch.

Unit converter

BTU/h =kW x 3,412
cfm =m^3/min x 35.31
lbs =kg/0.4536

*Above specification data is subject to rounding variation.

Model				PEFY-W50VMA-A	PEFY-W63VMA-A	PEFY-W71VMA-A	PEFY-W80VMA-A
Power source				1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz
Cooling capacity		*1	kW	5.6	7.1	8.0	9.0
(Nominal)		*1	BTU/h	19,100	24,200	27,300	30,700
	*2 Power input		kW	0.093	0.093	0.093	0.093
	*2 Current input		A	0.68-0.65-0.62	0.68-0.65-0.62	0.68-0.65-0.62	0.68-0.65-0.62
Heating capacity		*3	kW	6.3	8.0	9.0	10.0
(Nominal)		*3	BTU/h	21,500	27,300	30,700	34,100
	*2 Power input		kW	0.091	0.091	0.091	0.091
	*2 Current input		A	0.68-0.65-0.62	0.68-0.65-0.62	0.68-0.65-0.62	0.68-0.65-0.62
External finish				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
External dimension H × W × D			mm	250 x 1,100 x 732	250 x 1,100 x 732	250 x 1,100 x 732	250 x 1,100 x 732
			in.	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8
Net weight			kg (lbs)	30 (67)	30 (67)	30 (67)	30 (67)
Heat exchanger				Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)
	Water Volume		L	2.0	2.0	2.0	2.0
FAN	Type × Quantity			Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2
*4	External static press.		Pa	40 - <50> - <70> - <100> - <150>	40 - <50> - <70> - <100> - <150>	40 - <50> - <70> - <100> - <150>	40 - <50> - <70> - <100> - <150>
			mmH_2O	4.1 - <5.1> - <7.1> - <10.2> - <15.3>	4.1 - <5.1> - <7.1> - <10.2> - <15.3>	4.1 - <5.1> - <7.1> - <10.2> - <15.3>	4.1 - <5.1> - <7.1> - <10.2> - <15.3>
	Motor Type			DC motor	DC motor	DC motor	DC motor
	Motor output		kW	0.121	0.121	0.121	0.121
	Driving mechanism			Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor
	Air flow rate			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
			m^3/min	14.5 - 18.0 - 21.0	14.5 - 18.0 - 21.0	14.5 - 18.0 - 21.0	14.5 - 18.0 - 21.0
			L/s	242 - 300 - 350	242 - 300 - 350	242 - 300 - 350	242 - 300 - 350
			cfm	512 - 636 - 742	512 - 636 - 742	512 - 636 - 742	512 - 636 - 742
Sound pressure level (measured in anechoic room)				(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
		*2	dB <A>	26.0-31.0-35.0	26.0-31.0-35.0	26.0-31.0-35.0	26.0-31.0-35.0
Insulation material				EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam
Air filter				PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.
Protection device				Fuse	Fuse	Fuse	Fuse
Refrigerant control device				Flow control valve	Flow control valve	Flow control valve	Flow control valve
Connectable HBC/Hydro unit				CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A
Water piping diameter		*5, 6					
Connection size	Inlet		mm O.D.	22	22	22	22
	Outlet		mm O.D.	22	22	22	22
Field pipe size	Inlet		mm I.D.	20	30	30	30
	Outlet		mm I.D.	20	30	30	30
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)
Drawing	External			KL94R777	KL94R777	KL94R777	KL94R777
	Wiring			KL94R847	KL94R847	KL94R847	KL94R847
	Refrigerant cycle			-	-	-	-
Standard attachment	Document			Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book
	Accessory			Washer, Drain hose, Tie band	Washer, Drain hose, Tie band	Washer, Drain hose, Tie band	Washer, Drain hose, Tie band
Optional parts	Filter box			PAC-KE93TB-E	PAC-KE93TB-E	PAC-KE93TB-E	PAC-KE93TB-E
	Plasma Quad Connect			MAC-100FT-E	MAC-100FT-E	MAC-100FT-E	MAC-100FT-E
	PQ attachment (Rear inlet)			PAC-HA31PAR	PAC-HA31PAR	PAC-HA31PAR	PAC-HA31PAR
	PQ attachment (Bottom inlet)			PAC-HA31PAU	PAC-HA31PAU	PAC-HA31PAU	PAC-HA31PAU
	PQ box			PAC-KE93PTB-E	PAC-KE93PTB-E	PAC-KE93PTB-E	PAC-KE93PTB-E
Remarks				* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:

1.Nominal cooling conditions
Indoor:27°CDB/19°CWB (81°FDB/66°FWB), Outdoor:35°CDB (95°FDB)
Pipe length:7.5m (24-9/16ft.), Level difference:0m (0ft.)
2.The values are measured at the factory setting of external static pressure.
3.Nominal heating conditions
Indoor:20°CDB (68°FDB), Outdoor:7°CDB/6°CWB (45°FDB/43°FWB)
Pipe length:7.5m (24-9/16ft.), Level difference:0m (0ft.)
4.The factory setting of airflow mode and external static pressure mode is shown without < >.
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.
5.Be sure to install a valve on the water inlet/outlet.
6.Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.
7.Please group units that operate on 1 branch.

Unit converter

BTU/h =kW x 3,412
cfm =m^3/min x 35.31
lbs =kg/0.4536

*Above specification data is subject to rounding variation.

Model				PEFY-W100VMA-A	PEFY-W125VMA-A		
Power source				1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz		
Cooling capacity		*1	kW	11.2	14.0		
(Nominal)		*1	BTU/h	38,200	47,800		
	*2 Power input		kW	0.142	0.199		
	*2 Current input		A	1.01-0.97-0.93	1.29-1.23-1.18		
Heating capacity		*3	kW	12.5	16.0		
(Nominal)		*3	BTU/h	42,700	54,600		
	*2 Power input		kW	0.140	0.197		
	*2 Current input		A	1.01-0.97-0.93	1.29-1.23-1.18		
External finish				Galvanized steel plate	Galvanized steel plate		
External dimension H × W × D			mm	250 x 1,400 x 732	250 x 1,400 x 732		
			in.	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 55-1/8 x 28-7/8		
Net weight			kg (lbs)	37 (82)	38 (84)		
Heat exchanger				Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)		
	Water Volume		L	2.6	3.2		
FAN	Type × Quantity			Sirocco fan x 3	Sirocco fan x 3		
*4	External static press.		Pa	40 - <50> - <70> - <100> - <150>	<40> - 50 - <70> - <100> - <150>		
			mmH_2O	4.1 - <5.1> - <7.1> - <10.2> - <15.3>	<4.1> - 5.1 - <7.1> - <10.2> - <15.3>		
	Motor Type			DC motor	DC motor		
	Motor output		kW	0.300	0.300		
	Driving mechanism			Direct-driven by motor	Direct-driven by motor		
	Air flow rate			(Low-Mid-High)	(Low-Mid-High)		
			m^3/min	23.0 - 28.0 - 32.0	28.0 - 34.0 - 37.0		
			L/s	383 - 467 - 533	467 - 567 - 617		
			cfm	812 - 989 - 1,130	989 - 1,201 - 1,306		
Sound pressure level (measured in anechoic room)				(Low-Mid-High)	(Low-Mid-High)		
		*2	dB <A>	30.0-35.0-38.0	34.0-38.0-40.0		
Insulation material				EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam		
Air filter				PP honeycomb fabric.	PP honeycomb fabric.		
Protection device				Fuse	Fuse		
Refrigerant control device				Flow control valve	Flow control valve		
Connectable HBC/Hydro unit				CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A		
Water piping diameter		*5, 6					
Connection size	Inlet		mm O.D.	22	22		
	Outlet		mm O.D.	22	22		
Field pipe size	Inlet		mm I.D.	30	30		
	Outlet		mm I.D.	30	30		
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)		
Drawing	External			KL94R777	KL94R777		
	Wiring			KL94R847	KL94R847		
	Refrigerant cycle			-	-		
Standard attachment	Document			Installation Manual, Instruction Book	Installation Manual, Instruction Book		
	Accessory			Washer, Drain hose, Tie band	Washer, Drain hose, Tie band		
Optional parts	Filter box			PAC-KE94TB-E	PAC-KE94TB-E		
	Plasma Quad Connect			MAC-100FT-E	MAC-100FT-E		
	PQ attachment (Rear inlet)			PAC-HA31PAR	PAC-HA31PAR		
	PQ attachment (Bottom inlet)			PAC-HA31PAU	PAC-HA31PAU		
	PQ box			PAC-KE94PTB-E	PAC-KE94PTB-E		
Remarks				* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:

1.Nominal cooling conditions
Indoor:27°CDB/19°CWB (81°FDB/66°FWB), Outdoor:35°CDB (95°FDB)
Pipe length:7.5m (24-9/16ft.), Level difference:0m (0ft.)
2.The values are measured at the factory setting of external static pressure.
3.Nominal heating conditions
Indoor:20°CDB (68°FDB), Outdoor:7°CDB/6°CWB (45°FDB/43°FWB)
Pipe length:7.5m (24-9/16ft.), Level difference:0m (0ft.)
4.The factory setting of airflow mode and external static pressure mode is shown without < >.
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.
5.Be sure to install a valve on the water inlet/outlet.
6.Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.
7.Please group units that operate on 1 branch.

Unit converter

BTU/h =kW x 3,412
cfm =m^3/min x 35.31
lbs =kg/0.4536

*Above specification data is subject to rounding variation.

Model				PEFY-W20VMAL-A	PEFY-W25VMAL-A	PEFY-W32VMAL-A	PEFY-W40VMAL-A
Power source				1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz
Cooling capacity		*1	kW	2.2	2.8	3.6	4.5
(Nominal)		*1	BTU/h	7,500	9,600	12,300	15,400
	*2	Power input	kW	0.030	0.030	0.042	0.045
	*2	Current input	A	0.26-0.25-0.24	0.26-0.25-0.24	0.36-0.34-0.33	0.39-0.37-0.36
Heating capacity		*3	kW	2.5	3.2	4.0	5.0
(Nominal)		*3	BTU/h	8,500	10,900	13,600	17,100
	*2	Power input	kW	0.030	0.030	0.042	0.045
	*2	Current input	A	0.26-0.25-0.24	0.26-0.25-0.24	0.36-0.34-0.33	0.39-0.37-0.36
External finish				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
External dimension H × W × D			mm	250 x 700 x 732	250 x 700 x 732	250 x 700 x 732	250 x 900 x 732
			in.	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 27-9/16 x 28-7/8	9-7/8 x 35-7/16 x 28-7/8
Net weight			kg (lbs)	21 (47)	21 (47)	21 (47)	25 (56)
Heat exchanger				Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)
	Water Volume		L	0.7	0.7	0.7	1.0
FAN	Type × Quantity			Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 2
*4	External static press.		Pa	35 - <50> - <70> - <100> - <150>	35 - <50> - <70> - <100> - <150>	35 - <50> - <70> - <100> - <150>	35 - <50> - <70> - <100> - <150>
			mmH_2O	3.6 - <5.1> - <7.1> - <10.2> - <15.3>	3.6 - <5.1> - <7.1> - <10.2> - <15.3>	3.6 - <5.1> - <7.1> - <10.2> - <15.3>	3.6 - <5.1> - <7.1> - <10.2> - <15.3>
	Motor Type			DC motor	DC motor	DC motor	DC motor
	Motor output		kW	0.085	0.085	0.085	0.121
	Driving mechanism			Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor
	Air flow rate			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
			m^3/min	6.0 - 7.5 - 8.5	6.0 - 7.5 - 8.5	7.5 - 9.0 - 10.5	10.0 - 12.0 - 14.0
			L/s	100 - 125 - 142	100 - 125 - 142	125 - 150 - 175	167 - 200 - 233
			cfm	212 - 265 - 300	212 - 265 - 300	265 - 318 - 371	353 - 424 - 494
Sound pressure level (measured in anechoic room)				(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
		*2	dB <A>	21.0-25.0-27.0	21.0-25.0-27.0	23.0-27.0-30.0	23.0-28.0-31.0
Insulation material				EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam
Air filter				PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.
Protection device				Fuse	Fuse	Fuse	Fuse
Refrigerant control device				Flow control valve	Flow control valve	Flow control valve	Flow control valve
Connectable HBC/Hydro unit				CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A
Water piping diameter		*5, 6					
	Connection size	Inlet	mm O.D.	22	22	22	22
		Outlet	mm O.D.	22	22	22	22
	Field pipe size	Inlet	mm I.D.	20	20	20	20
		Outlet	mm I.D.	20	20	20	20
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)
Drawing	External			KL94R778	KL94R778	KL94R778	KL94R778
	Wiring			KL94R847	KL94R847	KL94R847	KL94R847
	Refrigerant cycle			-	-	-	-
Standard attachment	Document			Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book
	Accessory			Washer, Drain hose, Tie band	Washer, Drain hose, Tie band	Washer, Drain hose, Tie band	Washer, Drain hose, Tie band
Optional parts	Filter box			PAC-KE91TB-E	PAC-KE91TB-E	PAC-KE91TB-E	PAC-KE92TB-E
	Plasma Quad Connect			MAC-100FT-E	MAC-100FT-E	MAC-100FT-E	MAC-100FT-E
	PQ attachment (Rear inlet)			PAC-HA31PAR	PAC-HA31PAR	PAC-HA31PAR	PAC-HA31PAR
	PQ attachment (Bottom inlet)			PAC-HA31PAU	PAC-HA31PAU	PAC-HA31PAU	PAC-HA31PAU
	PQ box			PAC-KE91PTB-E	PAC-KE91PTB-E	PAC-KE91PTB-E	PAC-KE92PTB-E
Remarks				* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:

1.Nominal cooling conditions
Indoor:27°CDB/19°CWB (81°FDB/66°FWB), Outdoor:35°CDB (95°FDB)
Pipe length:7.5m (24-9/16ft.), Level difference:0m (0ft.)
2.The values are measured at the rated external static pressure.
3.Nominal heating conditions
Indoor:20°CDB (68°FDB), Outdoor:7°CDB/6°CWB (45°FDB/43°FWB)
Pipe length:7.5m (24-9/16ft.), Level difference:0m (0ft.)
4.The factory setting of airflow mode and external static pressure mode is shown without < >.
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.
5.Be sure to install a valve on the water inlet/outlet.
6.Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.
7.Please group units that operate on 1 branch.

Unit converter

BTU/h =kW x 3,412
cfm =m^3/min x 35.31
lbs =kg/0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Model				PEFY-W50VMAL-A	PEFY-W63VMAL-A	PEFY-W71VMAL-A	PEFY-W80VMAL-A
Power source				1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz
Cooling capacity		*1	kW	5.6	7.1	8.0	9.0
(Nominal)		*1	BTU/h	19,100	24,200	27,300	30,700
	*2	Power input	kW	0.091	0.091	0.091	0.091
	*2	Current input	A	0.68-0.65-0.62	0.68-0.65-0.62	0.68-0.65-0.62	0.68-0.65-0.62
Heating capacity		*3	kW	6.3	8.0	9.0	10.0
(Nominal)		*3	BTU/h	21,500	27,300	30,700	34,100
	*2	Power input	kW	0.091	0.091	0.091	0.091
	*2	Current input	A	0.68-0.65-0.62	0.68-0.65-0.62	0.68-0.65-0.62	0.68-0.65-0.62
External finish				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
External dimension H × W × D			mm	250 x 1,100 x 732	250 x 1,100 x 732	250 x 1,100 x 732	250 x 1,100 x 732
			in.	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8
Net weight			kg (lbs)	29 (64)	29 (64)	29 (64)	29 (64)
Heat exchanger				Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)
	Water Volume		L	2.0	2.0	2.0	2.0
FAN	Type × Quantity			Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2
*4	External static press.		Pa	40 - <50> - <70> - <100> - <150>	40 - <50> - <70> - <100> - <150>	40 - <50> - <70> - <100> - <150>	40 - <50> - <70> - <100> - <150>
			mmH_2O	4.1 - <5.1> - <7.1> - <10.2> - <15.3>	4.1 - <5.1> - <7.1> - <10.2> - <15.3>	4.1 - <5.1> - <7.1> - <10.2> - <15.3>	4.1 - <5.1> - <7.1> - <10.2> - <15.3>
	Motor Type			DC motor	DC motor	DC motor	DC motor
	Motor output		kW	0.121	0.121	0.121	0.121
	Driving mechanism			Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor
	Air flow rate			(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
			m^3/min	14.5 - 18.0 - 21.0	14.5 - 18.0 - 21.0	14.5 - 18.0 - 21.0	14.5 - 18.0 - 21.0
			L/s	242 - 300 - 350	242 - 300 - 350	242 - 300 - 350	242 - 300 - 350
			cfm	512 - 636 - 742	512 - 636 - 742	512 - 636 - 742	512 - 636 - 742
Sound pressure level (measured in anechoic room)				(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)	(Low-Mid-High)
		*2	dB <A>	26.0-31.0-35.0	26.0-31.0-35.0	26.0-31.0-35.0	26.0-31.0-35.0
Insulation material				EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam
Air filter				PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.	PP honeycomb fabric.
Protection device				Fuse	Fuse	Fuse	Fuse
Refrigerant control device				Flow control valve	Flow control valve	Flow control valve	Flow control valve
Connectable HBC/Hydro unit				CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A
Water piping diameter		*5, 6					
Connection size	Inlet		mm O.D.	22	22	22	22
	Outlet		mm O.D.	22	22	22	22
Field pipe size	Inlet		mm I.D.	20	30	30	30
	Outlet		mm I.D.	20	30	30	30
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)
Drawing	External			KL94R778	KL94R778	KL94R778	KL94R778
	Wiring			KL94R847	KL94R847	KL94R847	KL94R847
	Refrigerant cycle			-	-	-	-
Standard attachment	Document			Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book
	Accessory			Washer, Drain hose, Tie band	Washer, Drain hose, Tie band	Washer, Drain hose, Tie band	Washer, Drain hose, Tie band
Optional parts	Filter box			PAC-KE93TB-E	PAC-KE93TB-E	PAC-KE93TB-E	PAC-KE93TB-E
	Plasma Quad Connect			MAC-100FT-E	MAC-100FT-E	MAC-100FT-E	MAC-100FT-E
	PQ attachment (Rear inlet)			PAC-HA31PAR	PAC-HA31PAR	PAC-HA31PAR	PAC-HA31PAR
	PQ attachment (Bottom inlet)			PAC-HA31PAU	PAC-HA31PAU	PAC-HA31PAU	PAC-HA31PAU
	PQ box			PAC-KE93PTB-E	PAC-KE93PTB-E	PAC-KE93PTB-E	PAC-KE93PTB-E
Remarks				* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:

1.Nominal cooling conditions
Indoor:27°CDB/19°CWB (81°FDB/66°FWB), Outdoor:35°CDB (95°FDB)
Pipe length:7.5m (24-9/16ft.), Level difference:0m (0ft.)
2.The values are measured at the factory setting of external static pressure.
3.Nominal heating conditions
Indoor:20°CDB (68°FDB), Outdoor:7°CDB/6°CWB (45°FDB/43°FWB)
Pipe length:7.5m (24-9/16ft.), Level difference:0m (0ft.)
4.The factory setting of airflow mode and external static pressure mode is shown without < >.
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.
5.Be sure to install a valve on the water inlet/outlet.
6.Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.
7.Please group units that operate on 1 branch.

Unit converter

BTU/h =kW x 3,412
cfm =m^3/min x 35.31
lbs =kg/0.4536

*Above specification data is subject to rounding variation.

Model				PEFY-W100VMAL-A	PEFY-W125VMAL-A		
Power source				1-phase 220-230-240 V 50 Hz	1-phase 220-230-240 V 50 Hz		
Cooling capacity		*1	kW	11.2	14.0		
(Nominal)		*1	BTU/h	38,200	47,800		
	*2	Power input	kW	0.140	0.197		
	*2	Current input	A	1.01-0.97-0.93	1.29-1.23-1.18		
Heating capacity		*3	kW	12.5	16.0		
(Nominal)		*3	BTU/h	42,700	54,600		
	*2	Power input	kW	0.140	0.197		
	*2	Current input	A	1.01-0.97-0.93	1.29-1.23-1.18		
External finish				Galvanized steel plate	Galvanized steel plate		
External dimension H × W × D			mm	250 x 1,400 x 732	250 x 1,400 x 732		
			in.	9-7/8 x 55-1/8 x 28-7/8	9-7/8 x 55-1/8 x 28-7/8		
Net weight			kg (lbs)	36 (80)	37 (82)		
Heat exchanger				Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)		
	Water Volume		L	2.6	3.2		
FAN	Type × Quantity			Sirocco fan x 3	Sirocco fan x 3		
*4	External static press.		Pa	40 - <50> - <70> - <100> - <150>	<40> - 50 - <70> - <100> - <150>		
			mmH_2O	4.1 - <5.1> - <7.1> - <10.2> - <15.3>	<4.1> - 5.1 - <7.1> - <10.2> - <15.3>		
	Motor Type			DC motor	DC motor		
	Motor output		kW	0.300	0.300		
	Driving mechanism			Direct-driven by motor	Direct-driven by motor		
	Air flow rate			(Low-Mid-High)	(Low-Mid-High)		
			m^3/min	23.0 - 28.0 - 32.0	28.0 - 34.0 - 37.0		
			L/s	383 - 467 - 533	467 - 567 - 617		
			cfm	812 - 989 - 1,130	989 - 1,201 - 1,306		
Sound pressure level (measured in anechoic room)				(Low-Mid-High)	(Low-Mid-High)		
		*2	dB <A>	30.0-35.0-38.0	34.0-38.0-40.0		
Insulation material				EPS, Polystyrene foam, Urethane foam	EPS, Polystyrene foam, Urethane foam		
Air filter				PP honeycomb fabric.	PP honeycomb fabric.		
Protection device				Fuse	Fuse		
Refrigerant control device				Flow control valve	Flow control valve		
Connectable HBC/Hydro unit				CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A	CMB-WM-V-AA, CMB-WM-F-AA, CMB-WM-V-BB/CMH-WM-V-A		
Water piping diameter		*5, 6					
Connection size	Inlet		mm O.D.	22	22		
	Outlet		mm O.D.	22	22		
Field pipe size	Inlet		mm I.D.	30	30		
	Outlet		mm I.D.	30	30		
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)		
Drawing	External			KL94R778	KL94R778		
	Wiring			KL94R847	KL94R847		
	Refrigerant cycle			-	-		
Standard attachment	Document			Installation Manual, Instruction Book	Installation Manual, Instruction Book		
	Accessory			Washer, Drain hose, Tie band	Washer, Drain hose, Tie band		
Optional parts	Filter box			PAC-KE94TB-E	PAC-KE94TB-E		
	Plasma Quad Connect			MAC-100FT-E	MAC-100FT-E		
	PQ attachment (Rear inlet)			PAC-HA31PAR	PAC-HA31PAR		
	PQ attachment (Bottom inlet)			PAC-HA31PAU	PAC-HA31PAU		
	PQ box			PAC-KE94PTB-E	PAC-KE94PTB-E		
Remarks				* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:

1.Nominal cooling conditions
Indoor:27°CDB/19°CWB (81°FDB/66°FWB), Outdoor:35°CDB (95°FDB)
Pipe length:7.5m (24-9/16ft.), Level difference:0m (0ft.)
2.The values are measured at the factory setting of external static pressure.
3.Nominal heating conditions
Indoor:20°CDB (68°FDB), Outdoor:7°CDB/6°CWB (45°FDB/43°FWB)
Pipe length:7.5m (24-9/16ft.), Level difference:0m (0ft.)
4.The factory setting of airflow mode and external static pressure mode is shown without < >.
Refer to "Fan characteristics curves", according to the external static pressure, in DATA BOOK for the usable range of air flow rate.
5.Be sure to install a valve on the water inlet/outlet.
6.Install a strainer (40 mesh or more) on the pipe next to the valve to remove the foreign matters.
7.Please group units that operate on 1 branch.

Unit converter

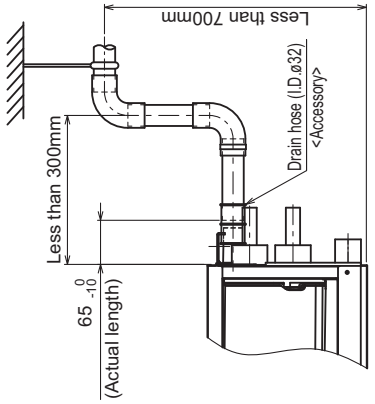
BTU/h	=kW x 3,412
cfm	=m^3/min x 35.31
lbs	=kg/0.4536

*Above specification data is subject to rounding variation.

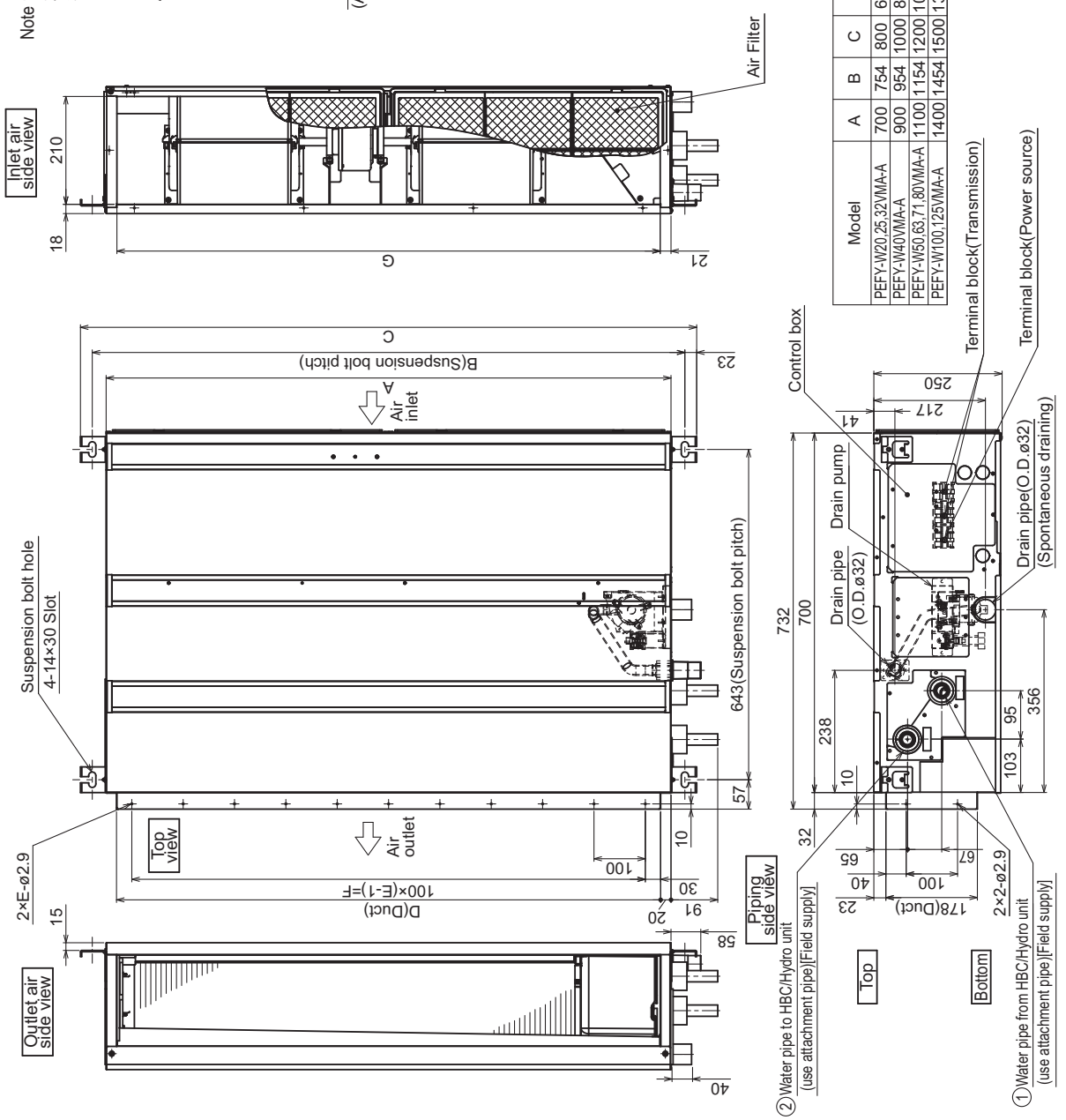
PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA-A

Unit: mm

Note 1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEFY-W50·63·71·80VMA-A models, which have 2 fans.PEFY-W20·25·32VMA-A models have 1 fan. PEFY-W40VMA-A model has 2 fans.
PEFY-W100·125VMA-A models have 3 fans.
4. In case of the inlet duct is used, remove the air filter (supply withthe unit), then install the filter (field supply) at suction side.



Model	A	B	C	D	E	F	G	① Water pipe from HBC/Hydro unit	② Water pipe to HBC/Hydro unit
PEFY-W20,25,32VMA-A	700	754	800	660	7	600	658	O.D. ø22	
PEFY-W40VMA-A	900	954	1000	860	9	800	858		
PEFY-W50,63,71,80VMA-A	1100	1154	1200	1060	11	1000	1058		
PEFY-W100,125VMA-A	1400	1454	1500	1360	14	1300	1358		

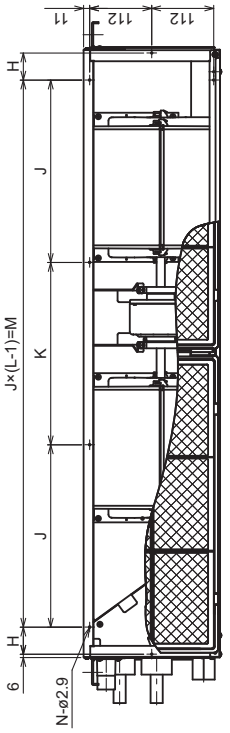


PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA-A

Unit: mm

[Maintenance access space]
Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and control box in one of the following ways.
Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.
(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
· Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
(Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
(At least 20mm of space should be left below the unit as shown in Fig.3.)
· Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
or
· Create access door 4 below the control box and the unit as shown in Fig.5.



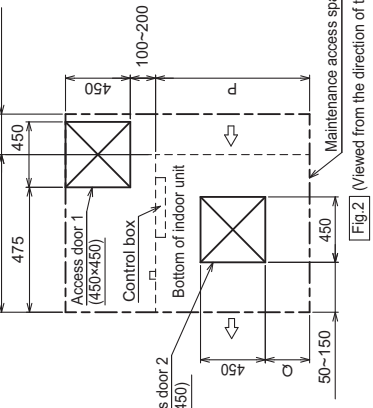


Fig.2 (Viewed from the direction of the arrow A)

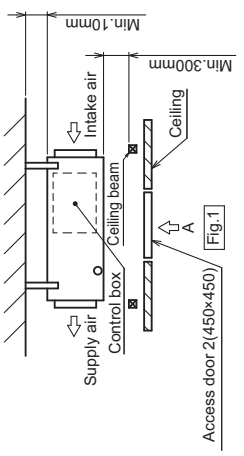


Fig.1

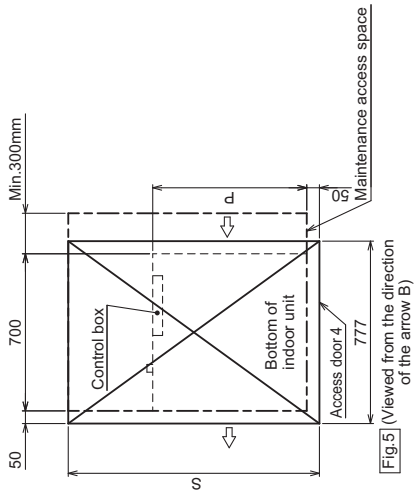


Fig.5 (Viewed from the direction of the arrow B)

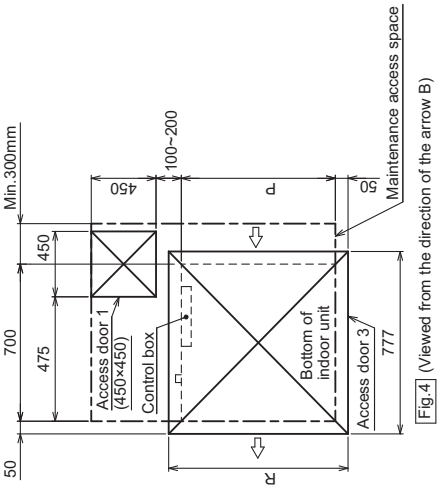


Fig.4 (Viewed from the direction of the arrow B)

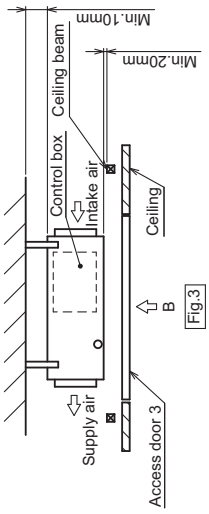
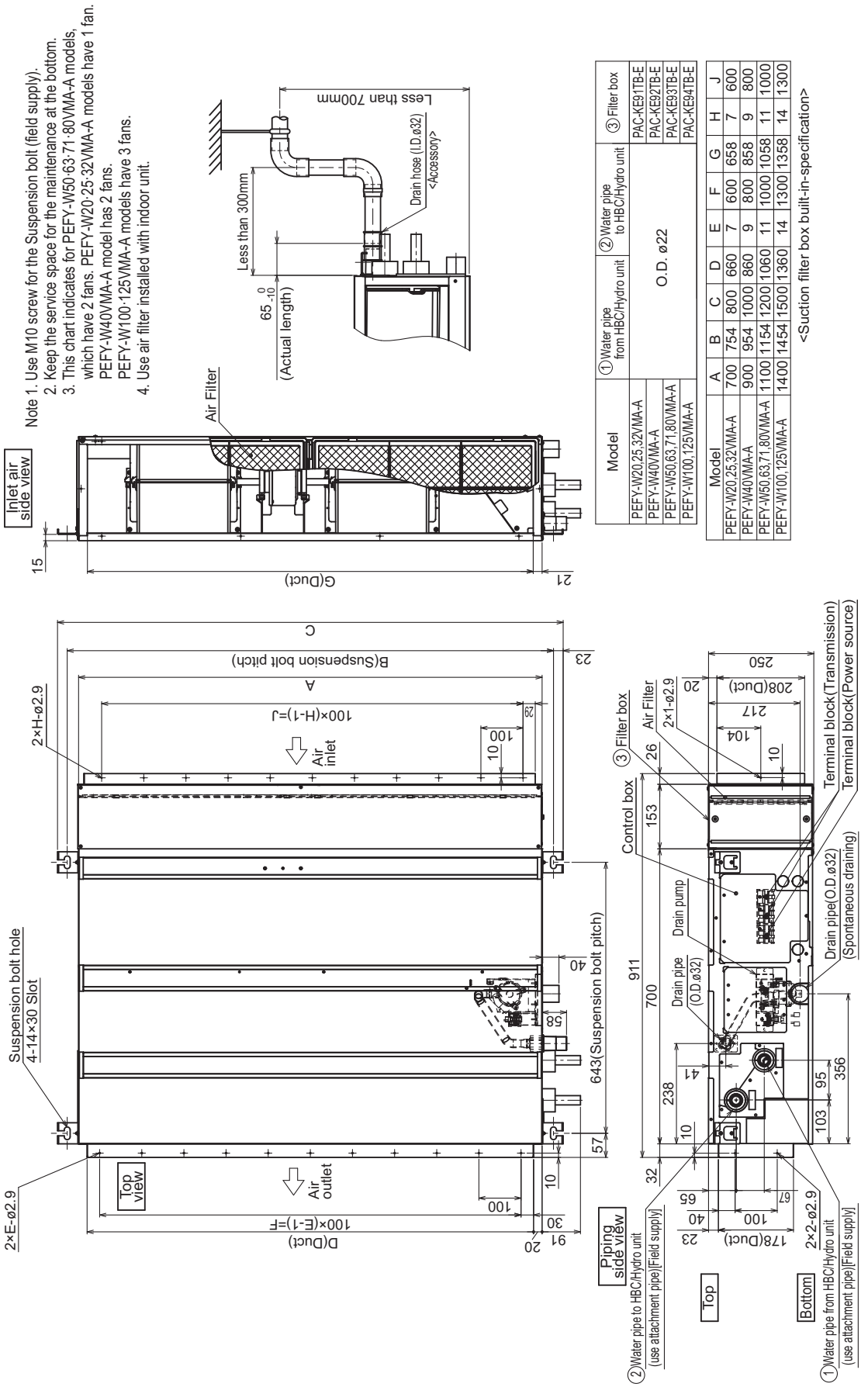


Fig.3

Model	H	J	K	L	M	N	P	Q	R	S
PEFY-W20,25,32VMA-A	44	150	300			10	700	50~150	800	1300
PEFY-W40VMA-A	54	260		4	780	10	900	150~250	1000	1500
PEFY-W50,63,71,80VMA-A	49	330		4	990	10	1100	250~350	1200	1700
PEFY-W100,125VMA-A	54	320		5	1280	12	1400	400~500	1500	2000

PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA-A Suction filter box built-in-specification

Unit: mm



Model	①Water pipe from HBC/Hydro unit	②Water pipe to HBC/Hydro unit	③Filter box
PEFY-W20,25,32VMA-A	O.D. ø22		PAC-KE91TB-E
PEFY-W40VMA-A			PAC-KE92TB-E
PEFY-W50,63,71,80VMA-A			PAC-KE93TB-E
PEFY-W100,125VMA-A			PAC-KE94TB-E

<Suction filter box built-in-specification>

Model	A	B	C	D	E	F	G	H	J
PEFY-W20,25,32VMA-A	700	754	800	660	7	600	658	7	600
PEFY-W40VMA-A	900	954	1000	860	9	800	858	9	800
PEFY-W50,63,71,80VMA-A	1100	1154	1200	1060	11	1000	1058	11	1000
PEFY-W100,125VMA-A	1400	1454	1500	1360	14	1300	1358	14	1300

PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA-A Suction filter box built-in-specification

Unit: mm

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

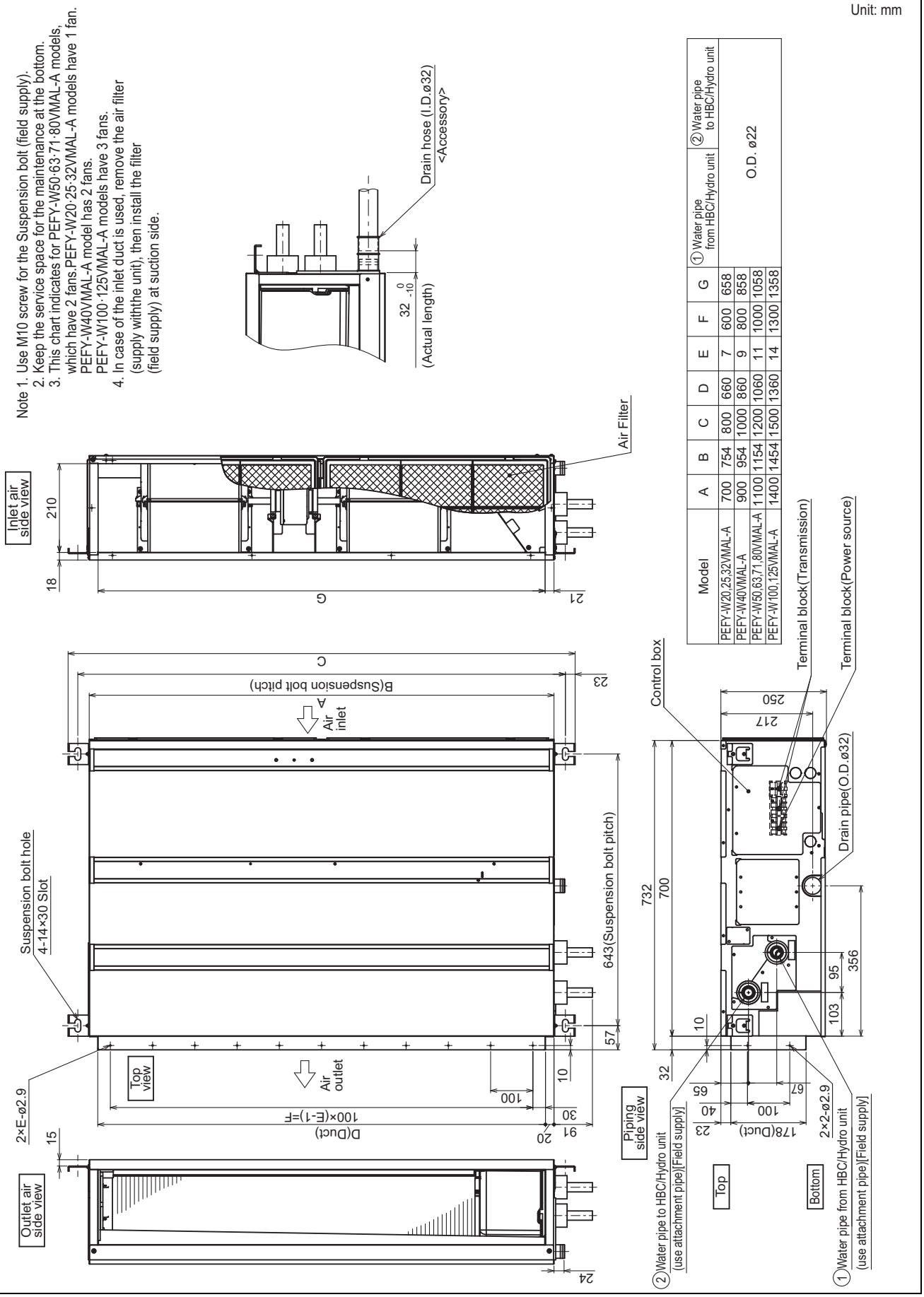
(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
· Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
(Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)
(2) When a space of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

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

Model	K	L	M	N	P*
PEFY-W20,25,32VMA-A	700	50~150	800	1300	1450
PEFY-W40VMA-A	900	150~250	1000	1500	1850
PEFY-W50,63,71,80VMA-A	1100	250~350	1200	1700	
PEFY-W100,125VMA-A	1400	400~500	1500	2000	2150

PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMAL-A

Unit: mm

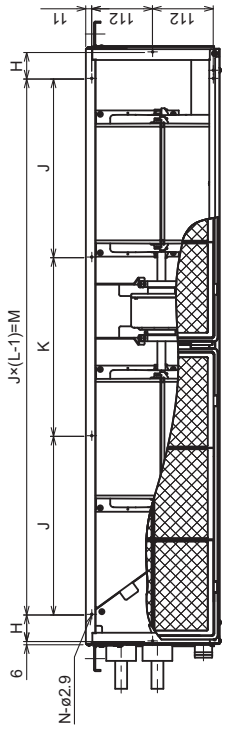


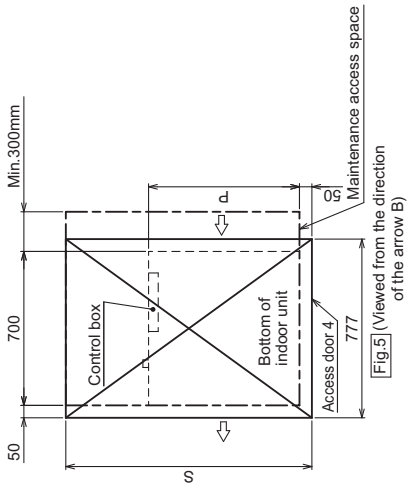
Model	A	B	C	D	E	F	G	① Water pipe from HBC/Hydro unit	② Water pipe to HBC/Hydro unit
PEFY-W20,25,32VMAL-A	700	754	800	660	7	600	658	O.D. ø22	
PEFY-W40VMAL-A	900	954	1000	860	9	800	858		
PEFY-W50,63,71,80VMAL-A	1100	1154	1200	1060	11	1000	1058		
PEFY-W100,125VMAL-A	1400	1454	1500	1360	14	1300	1358		

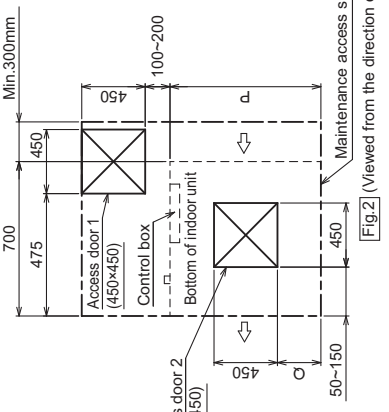
PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMAL-A

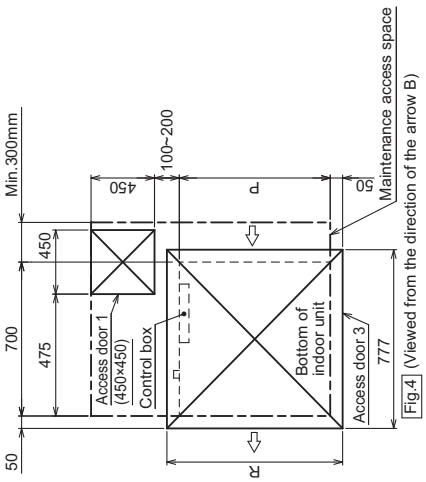
Unit: mm

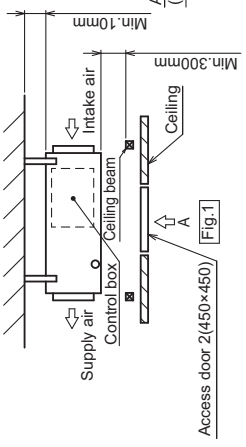
[Maintenance access space]
Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, heat exchanger, and control box in one of the following ways.
Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.
(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
· Create access door 1 and 2 (450×450mm each) as shown in Fig.2.
(Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)
(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
(At least 20mm of space should be left below the unit as shown in Fig.3.)
· Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
or
· Create access door 4 below the control box and the unit as shown in Fig.5.

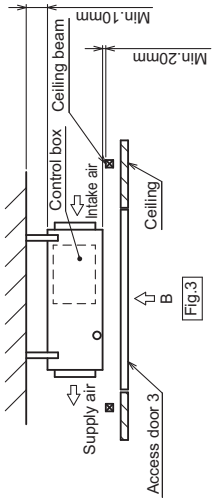








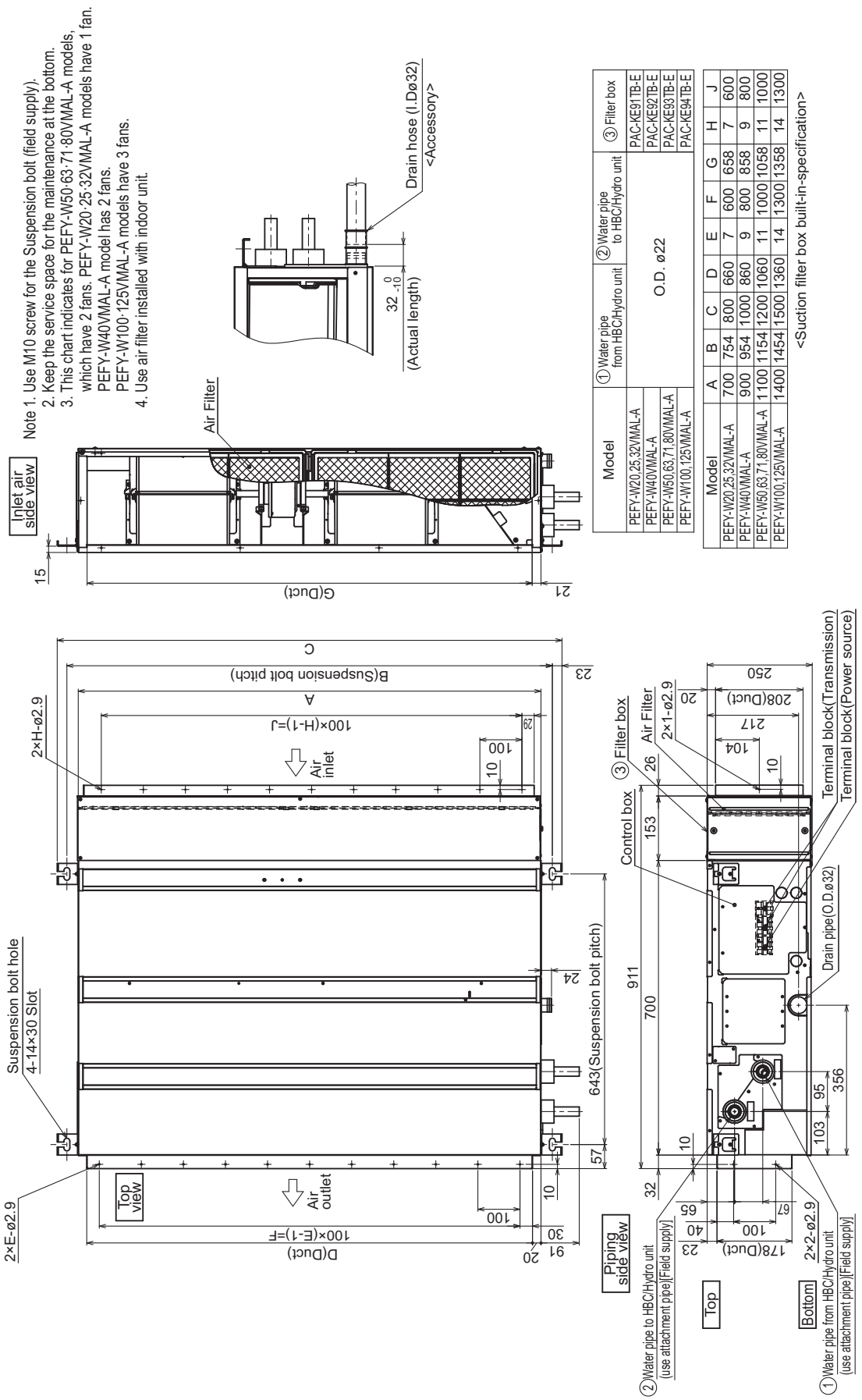




Model	H	J	K	L	M	N	P	Q	R	S
PEFY-W20,25,32VMAL-A	44	150	300			10	700	50~150	800	1300
PEFY-W40VMAL-A	54	260		4	780	10	900	150~250	1000	1500
PEFY-W50,63,71,80VMAL-A	49	330		4	990	10	1100	250~350	1200	1700
PEFY-W100,125VMAL-A	54	320		5	1280	12	1400	400~500	1500	2000

PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMAL-A Suction filter box built-in-specification

Unit: mm



Model	A	B	C	D	E	F	G	H	J
PEFY-W20,25,32VMAL-A	700	754	800	660	7	600	658	7	600
PEFY-W40VMAL-A	900	954	1000	860	9	800	858	9	800
PEFY-W50,63,71,80VMAL-A	1100	1154	1200	1060	11	1000	1058	11	1000
PEFY-W100,125VMAL-A	1400	1454	1500	1360	14	1300	1358	14	1300

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

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

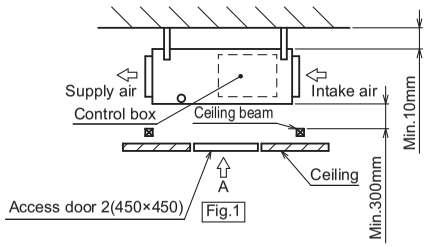


Fig.1

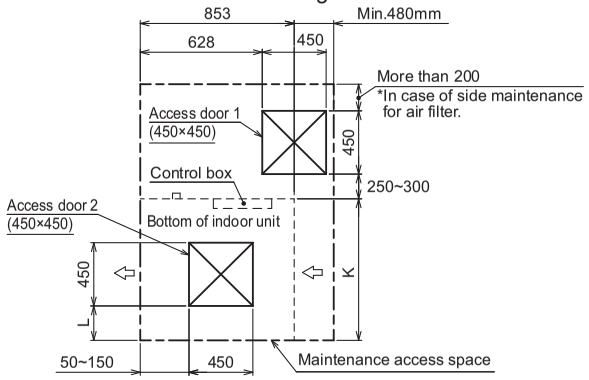


Fig.2 (Viewed from the direction of the arrow A)

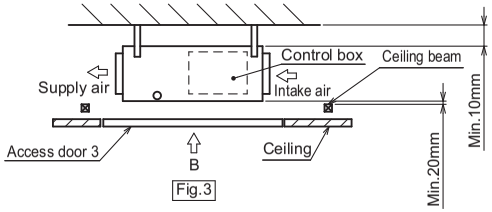


Fig.3

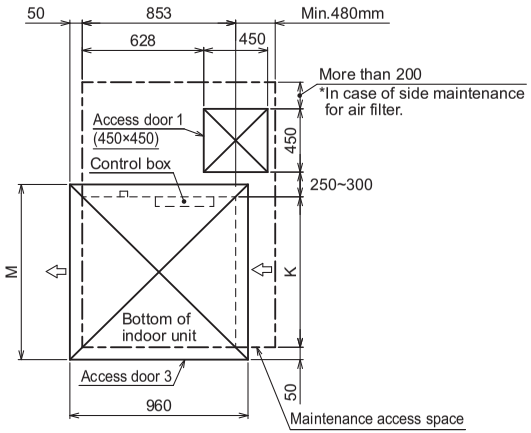


Fig.4 (Viewed from the direction of the arrow B)

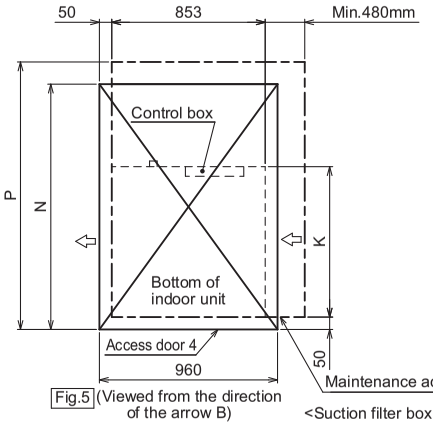


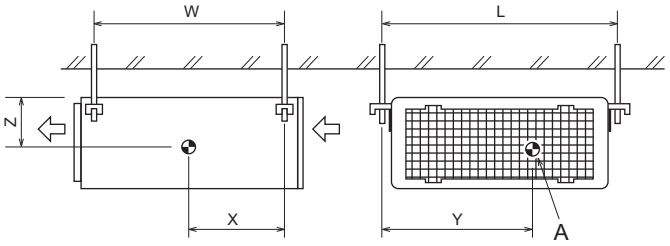
Fig.5 (Viewed from the direction of the arrow B)
<Suction filter box built-in-specification>

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

Model	K	L	M	N	P*
PEFY-W20,25,32VMAL-A	700	50~150	800	1300	1450
PEFY-W40VMAL-A	900	150~250	1000	1500	1850
PEFY-W50,63,71,80VMAL-A	1100	250~350	1200	1700	
PEFY-W100,125VMAL-A	1400	400~500	1500	2000	2150

Unit: mm

PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA(L)-A

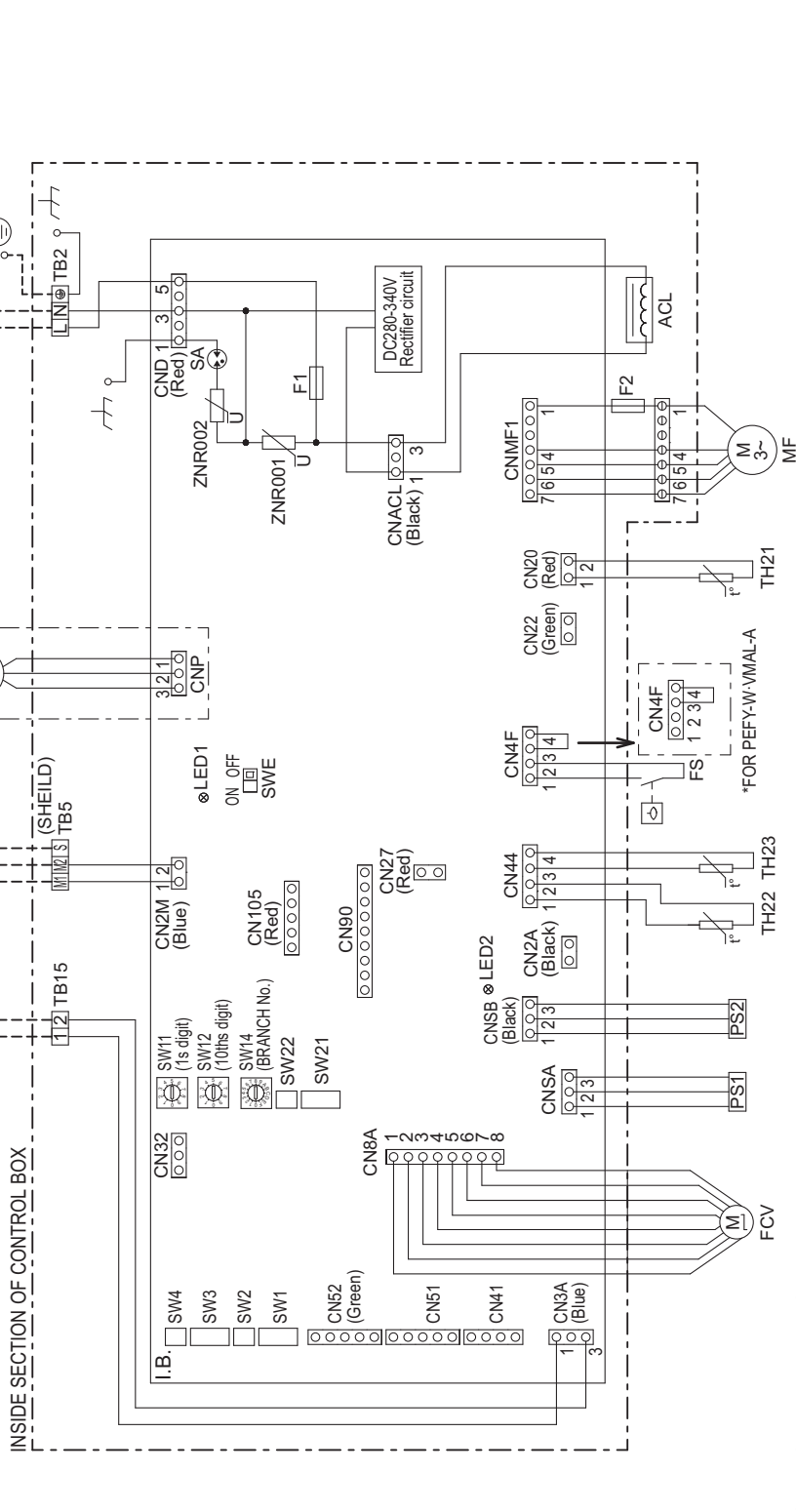


A: Center of gravity

(mm)[in]

Model name	W	L	X	Y	Z
PEFY-W20VMA(L)-A	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 -13/16]	130 [5 -2/16]
PEFY-W25VMA(L)-A	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 -13/16]	130 [5 -2/16]
PEFY-W32VMA(L)-A	643 [25 - 6/16]	754 [29 - 11/16]	330 [13]	300 [11 -13/16]	130 [5 -2/16]
PEFY-W40VMA(L)-A	643 [25 - 6/16]	954 [37 - 9/16]	340 [13 - 7/16]	375 [14 -13/16]	130 [5 -2/16]
PEFY-W50VMA(L)-A	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 -11/16]	130 [5 -2/16]
PEFY-W63VMA(L)-A	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 -11/16]	130 [5 -2/16]
PEFY-W71VMA(L)-A	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 -11/16]	130 [5 -2/16]
PEFY-W80VMA(L)-A	643 [25 - 6/16]	1154 [45 - 7/16]	325 [12 - 13/16]	525 [20 -11/16]	130 [5 -2/16]
PEFY-W100VMA(L)-A	643 [25 - 6/16]	1454 [57 - 4/16]	330 [13]	675 [26 -10/16]	130 [5 -2/16]
PEFY-W125VMA(L)-A	643 [25 - 6/16]	1454 [57 - 4/16]	330 [13]	675 [26 -10/16]	130 [5 -2/16]

PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA(L)-A



NOTE)1.Symbols used in wiring diagram are
○ ○ ○ : Connector, □ : Terminal,
- - - - - - - (Heavy dotted line): Field wiring,
2.Have all electric work done by a licensed electrician according to the local regulations.
3.Earth leakage circuit breaker should be set up on the wiring of the power supply.
4.To perform a drainage test for the drain pump turn on the SWE on the control board while the indoor unit is being powered.
*Be sure to turn off the SWE after completing a drainage test or test run.

SYMBOL EXPLANATION

SYMBOL	NAME
ACL	AC reactor(Power factor improvement)
DP	Drain Pump
F2	Fuse DC400V 3A
FS	Float switch
MF	Fan Motor
FCV	Flow control valve
PS1	Pressure sensor (valve inlet)
PS2	Pressure sensor (valve outlet)
TB2	Power source terminal block
TB5	Transmission terminal block
TB15	Transmission terminal block
TH21	Thermistor (inlet air temp. detection)
TH22	Thermistor (piping temp.detection/inlet water)
TH23	Thermistor (piping temp.detection/outlet water)

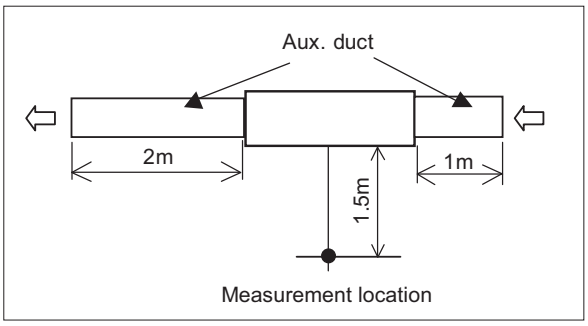
SYMBOL	NAME
I.B.	Indoor controller board
SA	Arrester
F1	Fuse AC250V 6.3A
ZNR001,002	Varistor
CN2A	Connector (0-10V Analog input)
CN22	Connector (Optional Thermistor)
CN27	Connector (Damper)
CN32	Connector (Remote switch)
CN41	Connector (HA terminal-A)
CN51	Connector (Centrally control)
CN52	Connector (Remote indication)
CN90	Connector (Wireless)
CN105	Connector (IT terminal)

SYMBOL	NAME
I.B.	Indoor controller board
SW1	Switch (for mode selection)
SW2	Switch (for capacity code)
SW3	Switch (for mode selection)
SW4	Switch (for model selection)
SW11	Switch (1s digit address set)
SW12	Switch (10ths digit address set)
SW14	Switch (BRANCH No.)
SW21	Switch (for static pressure selection)
SW22	Switch (Wireless pair No.)
SWE	Connector (emergency operation)
LED1	LED(Power supply)
LED2	LED(Remote controller supply)

5-1. Sound levels

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

PEFY-W-VMA(L)-A



* Measured in anechoic room.

Sound level at anechoic room: Low-Mid-High

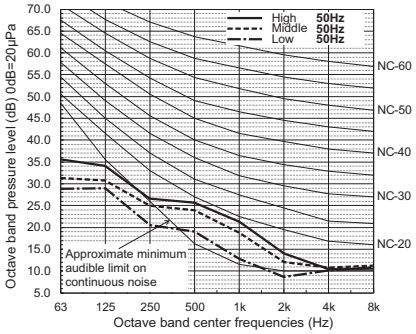
Model	Sound level dB(A)					
	35Pa	40Pa	50Pa	70Pa	100Pa	150Pa
PEFY-W20, 25VMA(L)-A	21-25-27	-	23-26-29	22-27-30	24-30-33	28-34-38
PEFY-W32VMA(L)-A	23-27-30	-	24-28-33	25-30-34	27-32-35	31-35-39
PEFY-W40VMA(L)-A	23-28-31	-	24-31-33	27-31-35	29-33-37	32-37-41
PEFY-W50, 63, 71, 80VMA(L)-A	-	26-31-35	29-32-36	29-34-38	30-36-40	33-39-43
PEFY-W100VMA(L)-A	-	30-35-38	31-36-39	33-38-41	35-40-43	37-43-46
PEFY-W125VMA(L)-A	-	33-37-39	34-38-40	34-39-41	35-40-42	38-43-45

5-2. NC curves

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

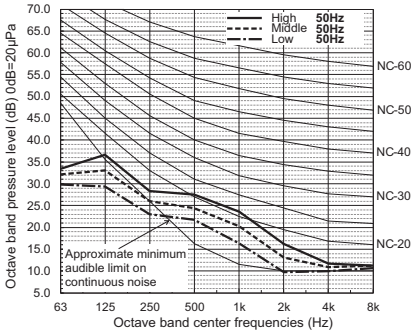
PEFY-W20,25VMA(L)-A

External Static Pressure: 35Pa [0.14in.WG]
Power Source: 220-240V



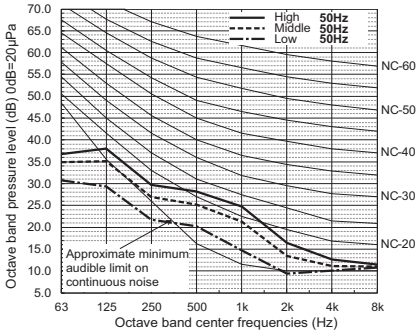
PEFY-W20,25VMA(L)-A

External Static Pressure: 50Pa [0.20in.WG]
Power Source: 220-240V



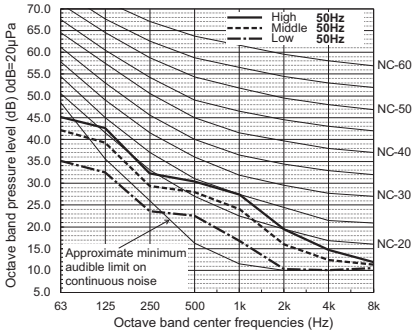
PEFY-W20,25VMA(L)-A

External Static Pressure: 70Pa [0.28in.WG]
Power Source: 220-240V



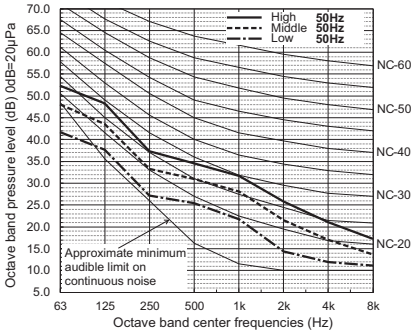
PEFY-W20,25VMA(L)-A

External Static Pressure: 100Pa [0.40in.WG]
Power Source: 220-240V



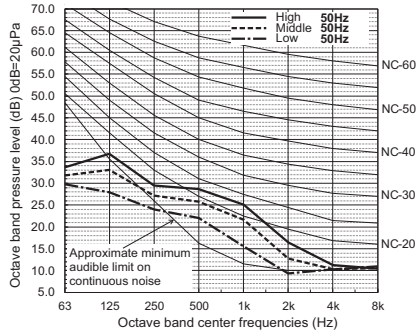
PEFY-W20,25VMA(L)-A

External Static Pressure: 150Pa [0.60in.WG]
Power Source: 220-240V



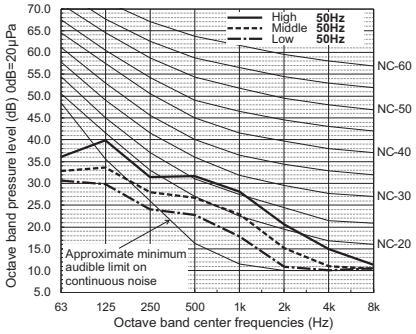
PEFY-W32VMA(L)-A

External Static Pressure: 35Pa [0.14in.WG]
Power Source: 220-240V



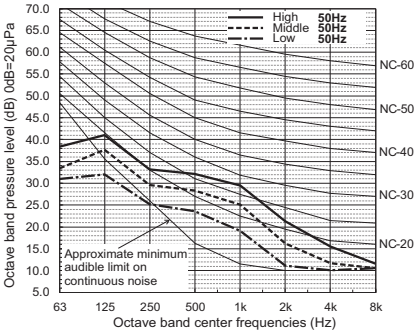
PEFY-W32VMA(L)-A

External Static Pressure: 50Pa [0.20in.WG]
Power Source: 220-240V



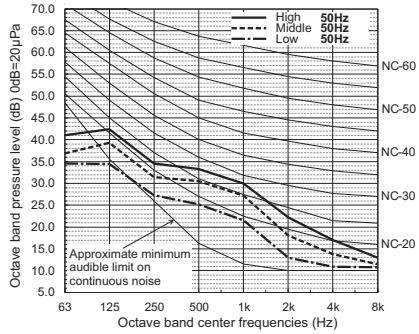
PEFY-W32VMA(L)-A

External Static Pressure: 70Pa [0.28in.WG]
Power Source: 220-240V



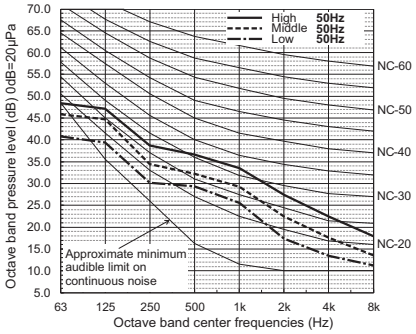
PEFY-W32VMA(L)-A

External Static Pressure: 100Pa [0.40in.WG]
Power Source: 220-240V



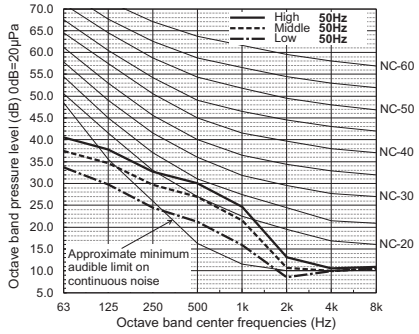
PEFY-W32VMA(L)-A

External Static Pressure: 150Pa [0.60in.WG]
Power Source: 220-240V



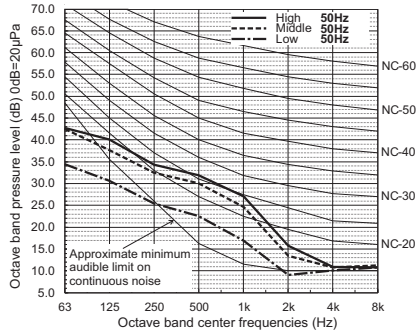
PEFY-W40VMA(L)-A

External Static Pressure: 35Pa [0.14in.WG]
Power Source: 220-240V



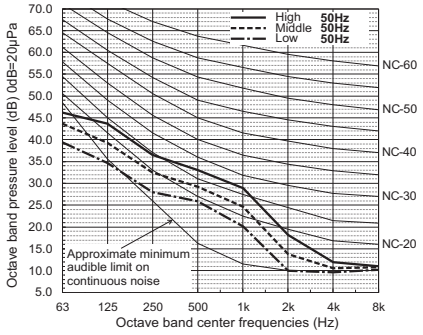
PEFY-W40VMA(L)-A

External Static Pressure: 50Pa [0.20in.WG]
Power Source: 220-240V



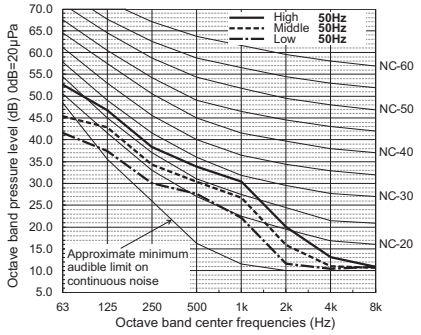
PEFY-W40VMA(L)-A

External Static Pressure: 70Pa [0.28in.WG]
Power Source: 220-240V



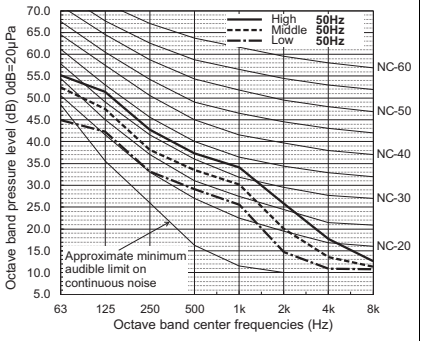
PEFY-W40VMA(L)-A

External Static Pressure: 100Pa [0.40in.WG]
Power Source: 220-240V



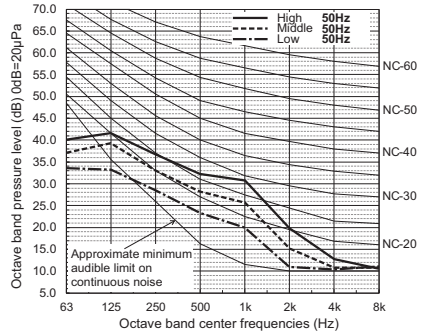
PEFY-W40VMA(L)-A

External Static Pressure: 150Pa [0.60in.WG]
Power Source: 220-240V



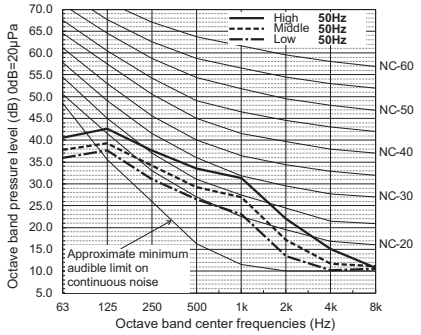
PEFY-W50,63,71,80VMA(L)-A

External Static Pressure: 40Pa [0.16in.WG]
Power Source: 220-240V



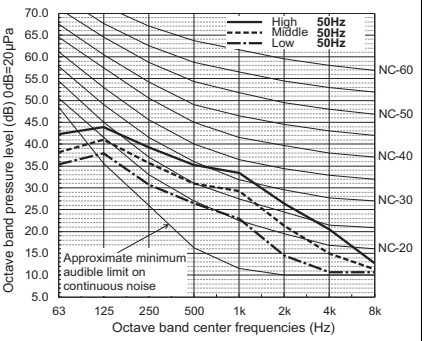
PEFY-W50,63,71,80VMA(L)-A

External Static Pressure: 50Pa [0.20in.WG]
Power Source: 220-240V



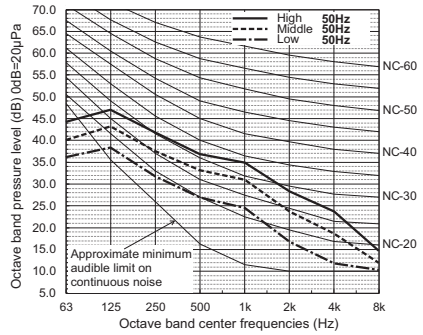
PEFY-W50,63,71,80VMA(L)-A

External Static Pressure: 70Pa [0.28in.WG]
Power Source: 220-240V



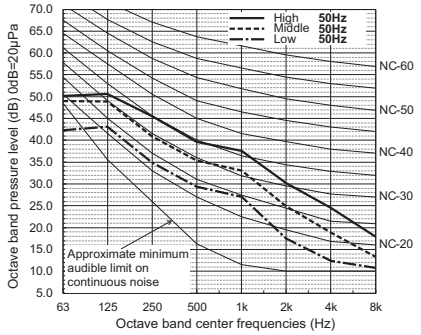
PEFY-W50,63,71,80VMA(L)-A

External Static Pressure: 100Pa [0.40in.WG]
Power Source: 220-240V



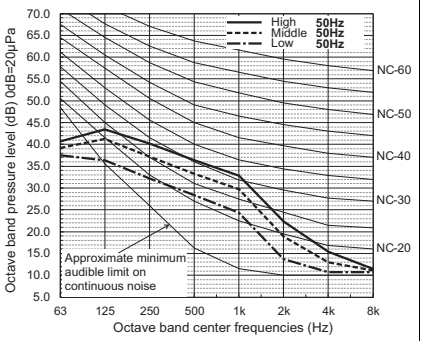
PEFY-W50,63,71,80VMA(L)-A

External Static Pressure: 150Pa [0.60in.WG]
Power Source: 220-240V



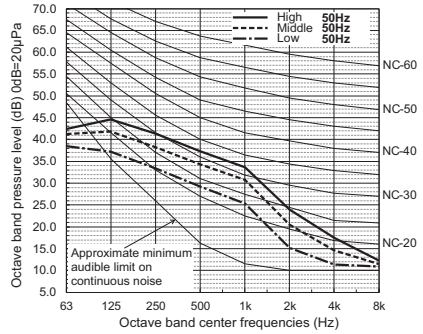
PEFY-W100VMA(L)-A

External Static Pressure: 40Pa [0.16in.WG]
Power Source: 220-240V



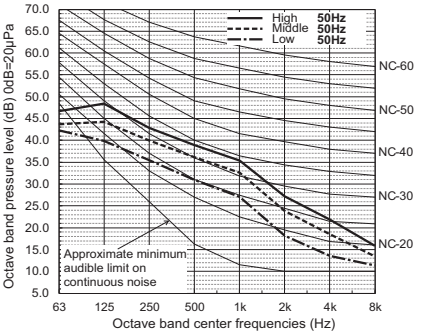
PEFY-W100VMA(L)-A

External Static Pressure: 50Pa [0.20in.WG]
Power Source: 220-240V



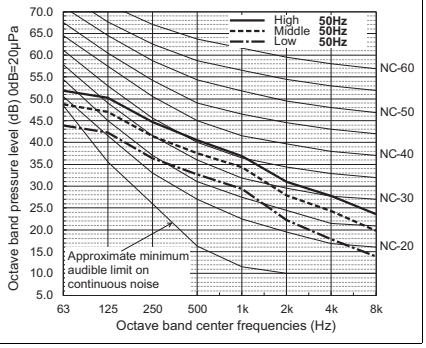
PEFY-W100VMA(L)-A

External Static Pressure: 70Pa [0.28in.WG]
Power Source: 220-240V



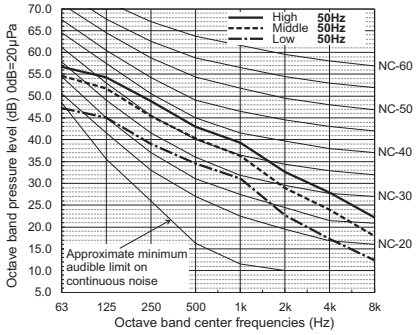
PEFY-W100VMA(L)-A

External Static Pressure: 100Pa [0.40in.WG]
Power Source: 220-240V



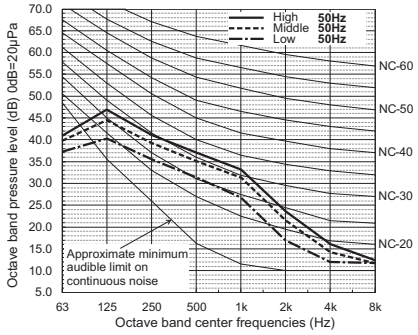
PEFY-W100VMA(L)-A

External Static Pressure: 150Pa [0.60in.WG]
Power Source: 220-240V



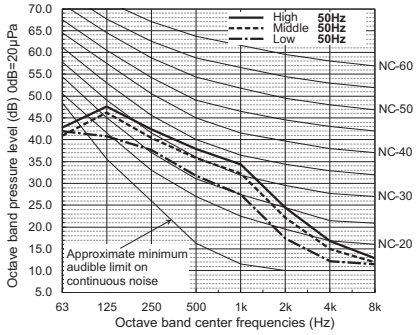
PEFY-W125VMA(L)-A

External Static Pressure: 40Pa [0.16in.WG]
Power Source: 220-240V



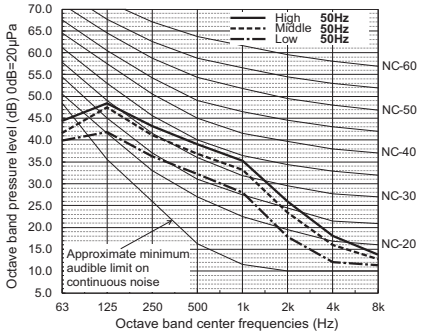
PEFY-W125VMA(L)-A

External Static Pressure: 50Pa [0.20in.WG]
Power Source: 220-240V



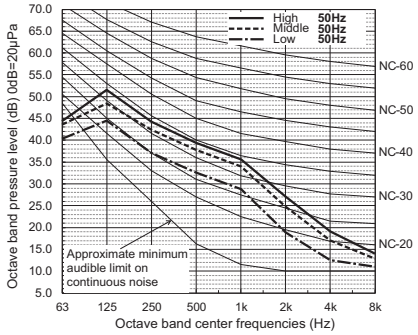
PEFY-W125VMA(L)-A

External Static Pressure: 70Pa [0.28in.WG]
Power Source: 220-240V



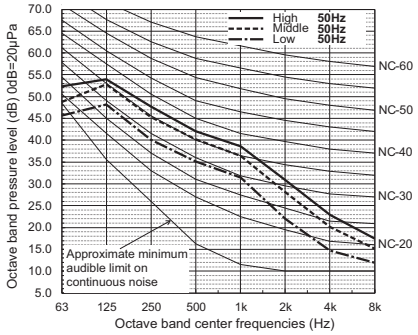
PEFY-W125VMA(L)-A

External Static Pressure: 100Pa [0.40in.WG]
Power Source: 220-240V

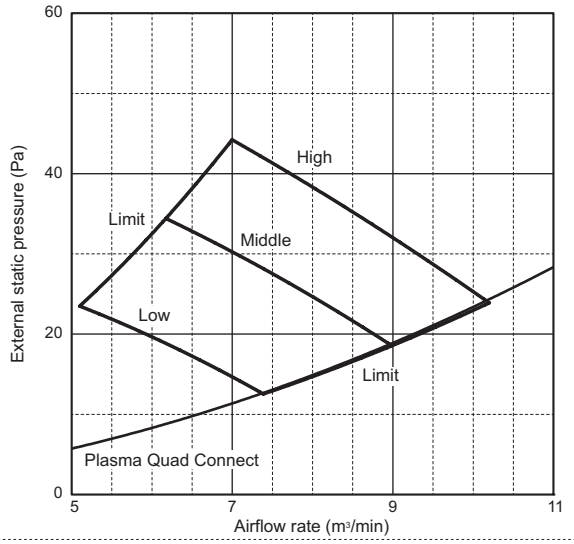


PEFY-W125VMA(L)-A

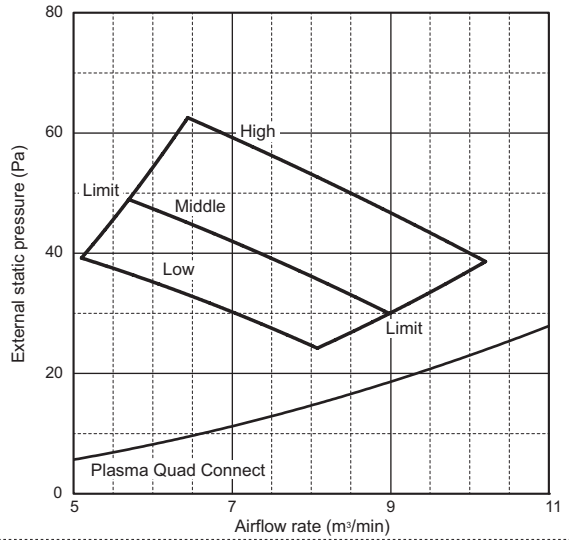
External Static Pressure: 150Pa [0.60in.WG]
Power Source: 220-240V



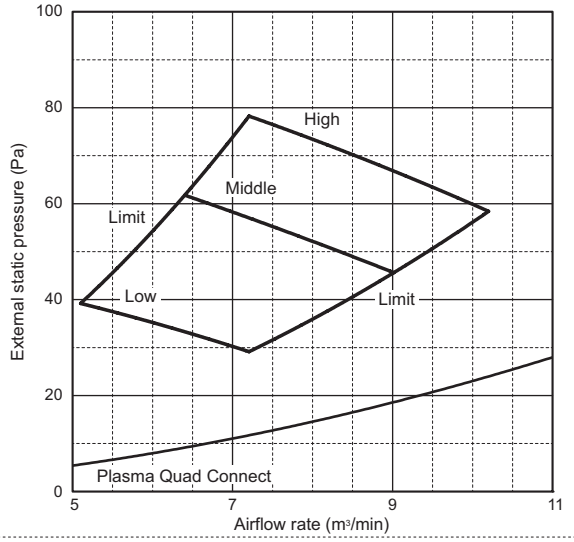
PEFY-W20, 25VMA(L)-A
External static pressure : 35Pa
Power source : 220-240V



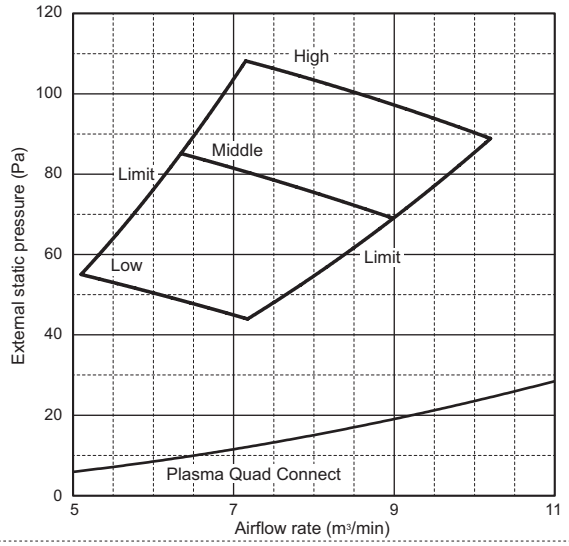
PEFY-W20, 25VMA(L)-A
External static pressure : 50Pa
Power source : 220-240V



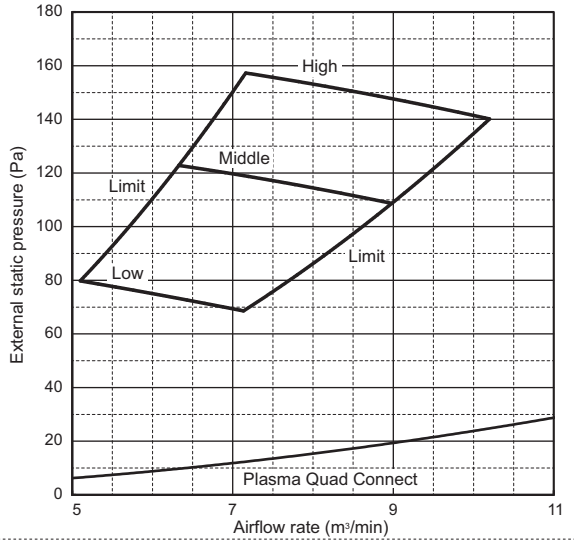
PEFY-W20, 25VMA(L)-A
External static pressure : 70Pa
Power source : 220-240V



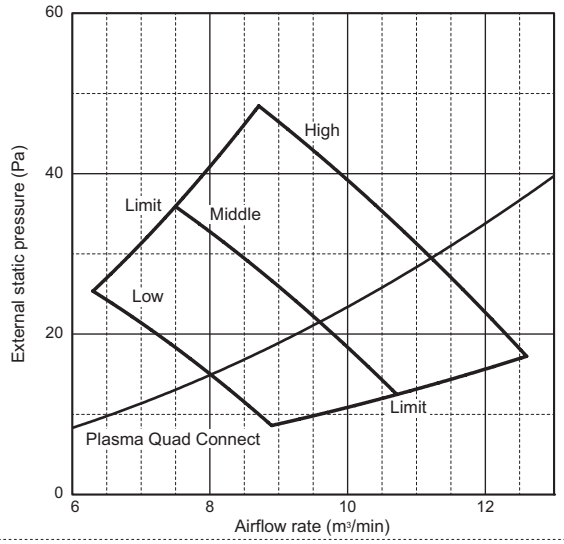
PEFY-W20, 25VMA(L)-A
External static pressure : 100Pa
Power source : 220-240V



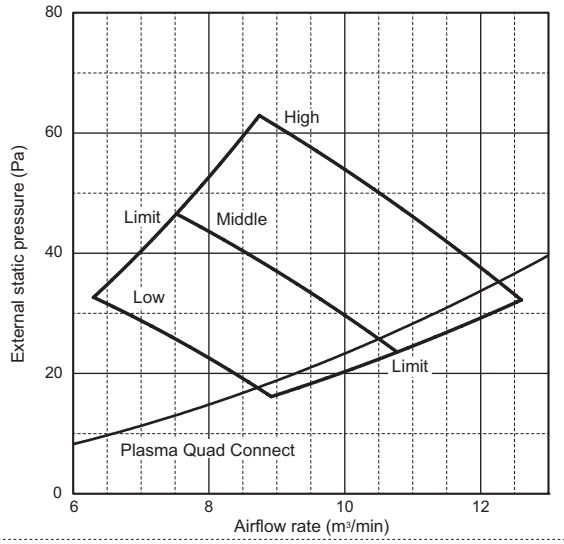
PEFY-W20, 25VMA(L)-A
External static pressure : 150Pa
Power source : 220-240V



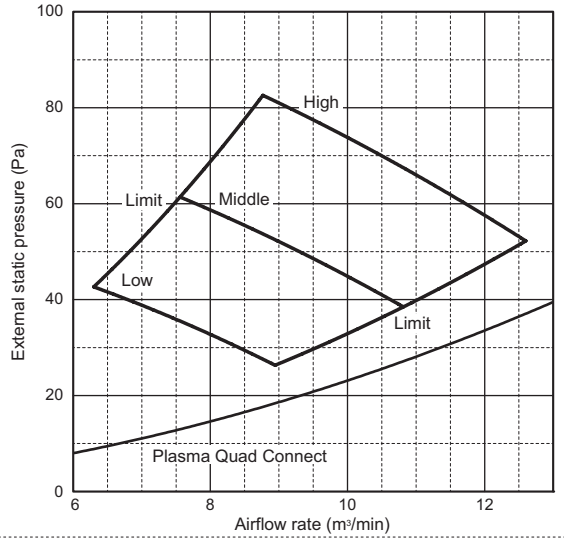
PEFY-W32VMA(L)-A
External static pressure : 35Pa
Power source : 220-240V



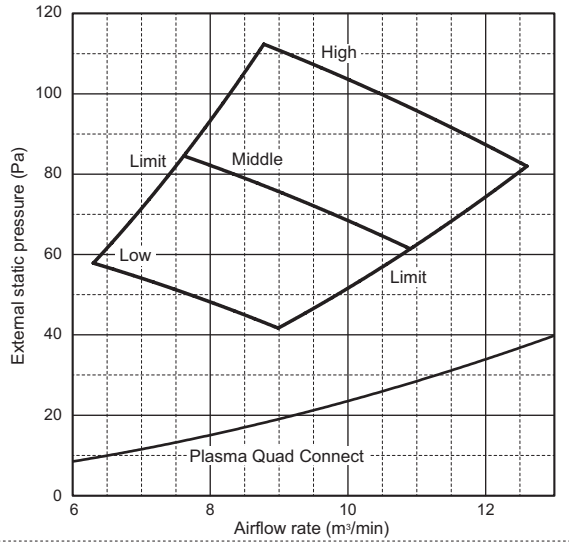
PEFY-W32VMA(L)-A
External static pressure : 50Pa
Power source : 220-240V



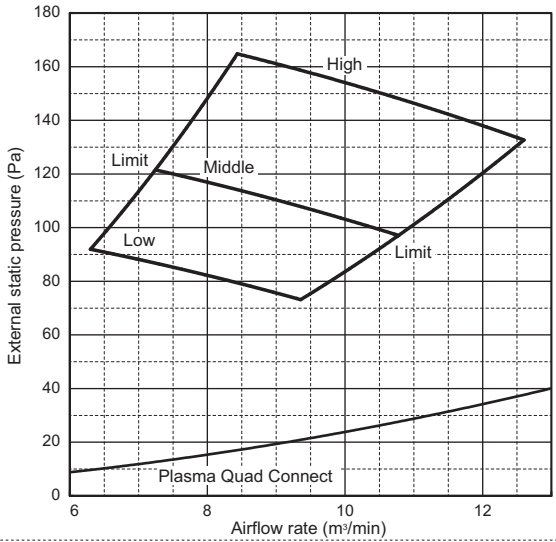
PEFY-W32VMA(L)-A
External static pressure : 70Pa
Power source : 220-240V



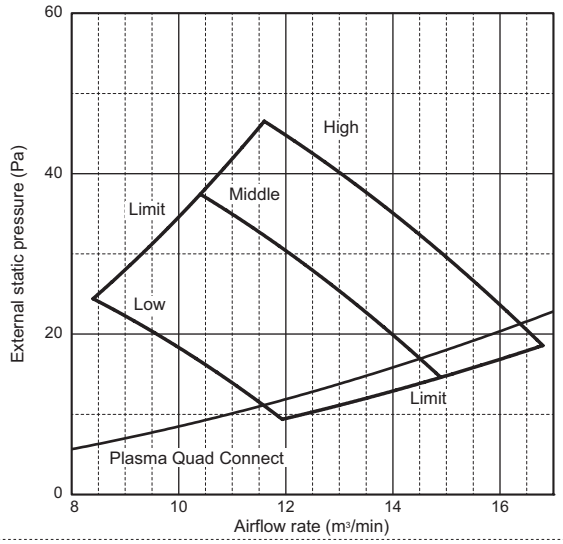
PEFY-W32VMA(L)-A
External static pressure : 100Pa
Power source : 220-240V



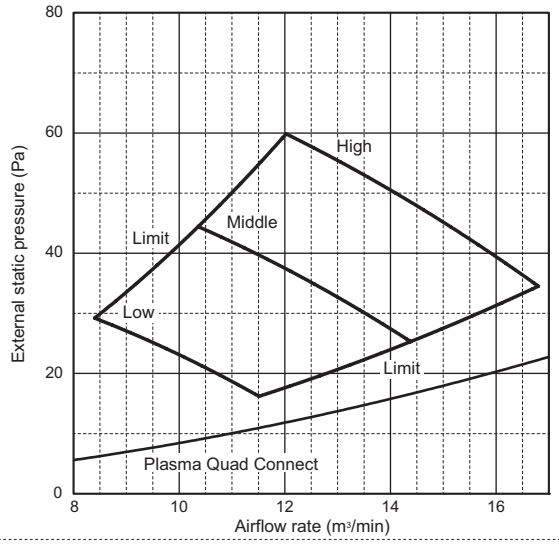
PEFY-W32VMA(L)-A
External static pressure : 150Pa
Power source : 220-240V



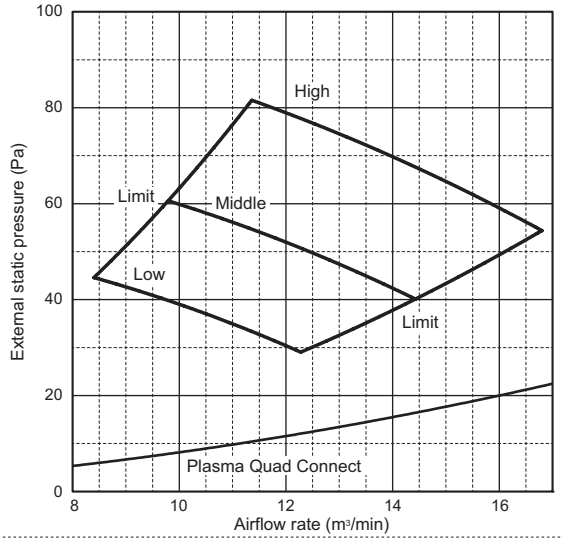
PEFY-W40VMA(L)-A
External static pressure : 35Pa
Power source : 220-240V



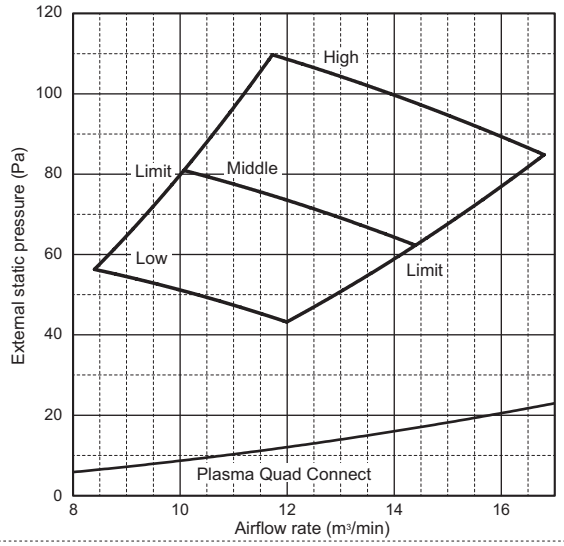
PEFY-W40VMA(L)-A
External static pressure : 50Pa
Power source : 220-240V



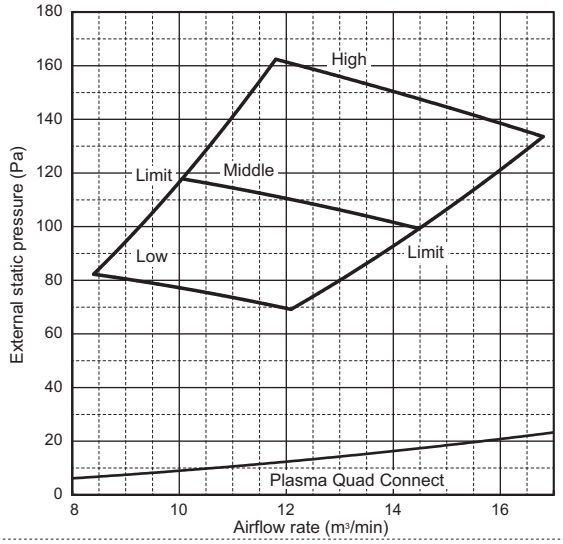
PEFY-W40VMA(L)-A
External static pressure : 70Pa
Power source : 220-240V



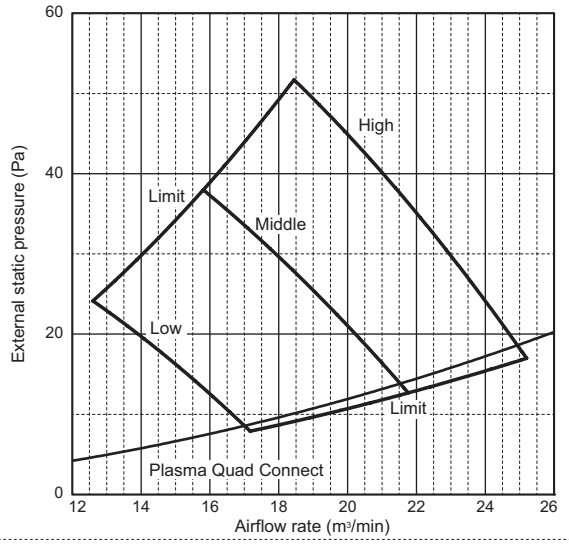
PEFY-W40VMA(L)-A
External static pressure : 100Pa
Power source : 220-240V



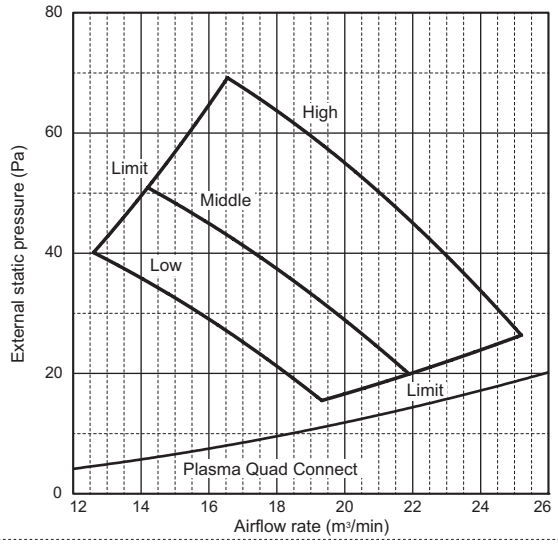
PEFY-W40VMA(L)-A
External static pressure : 150Pa
Power source : 220-240V



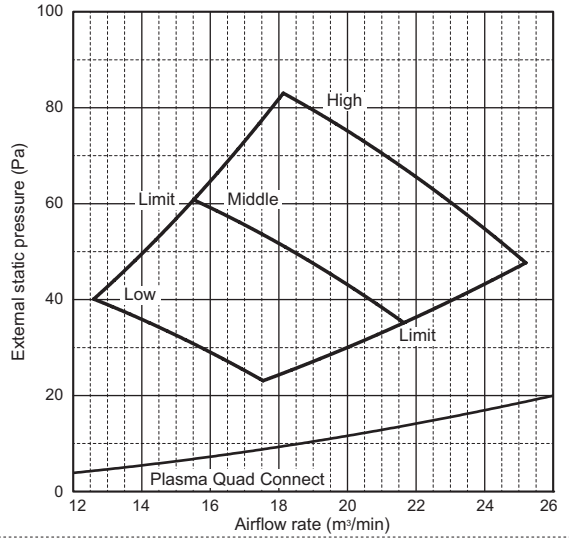
PEFY-W50, 63, 71 ,80VMA(L)-A
External static pressure : 40Pa
Power source : 220-240V



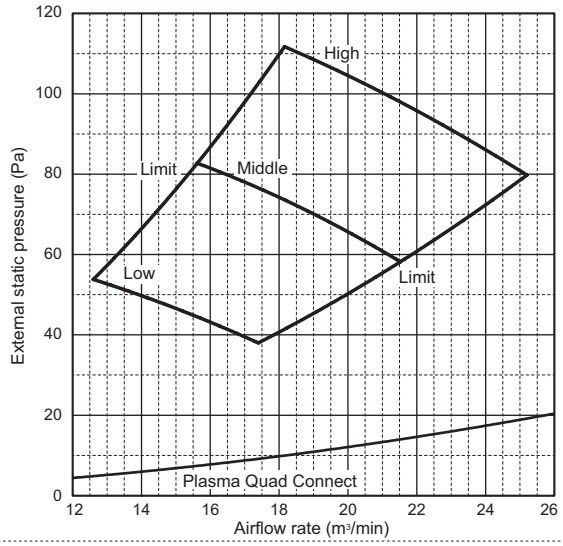
PEFY-W50, 63, 71 ,80VMA(L)-A
External static pressure : 50Pa
Power source : 220-240V



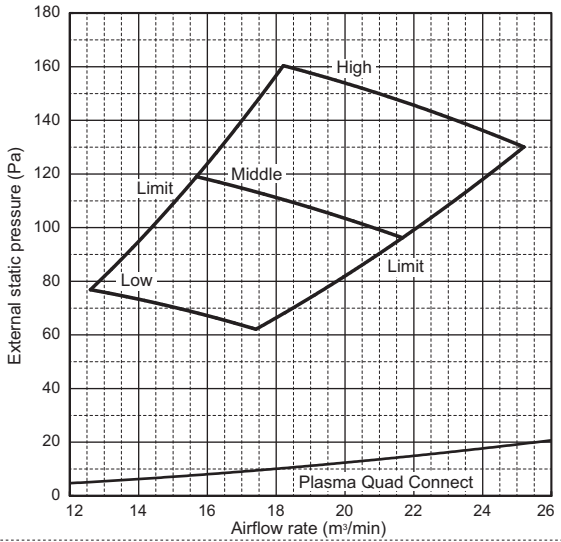
PEFY-W50, 63, 71 ,80VMA(L)-A
External static pressure : 70Pa
Power source : 220-240V



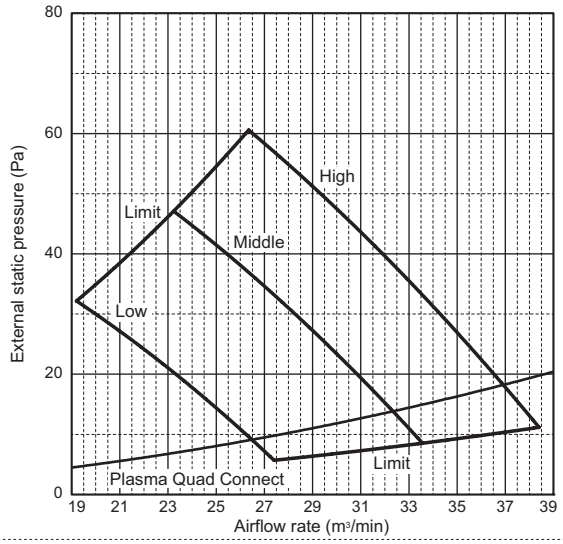
PEFY-W50, 63, 71 ,80VMA(L)-A
External static pressure : 100Pa
Power source : 220-240V



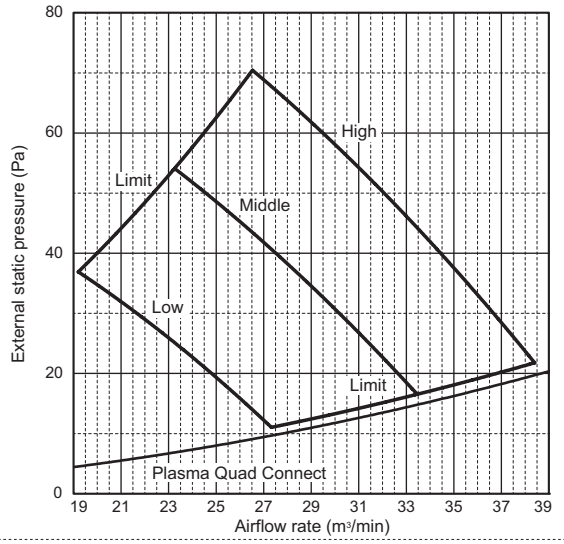
PEFY-W50, 63, 71 ,80VMA(L)-A
External static pressure : 150Pa
Power source : 220-240V



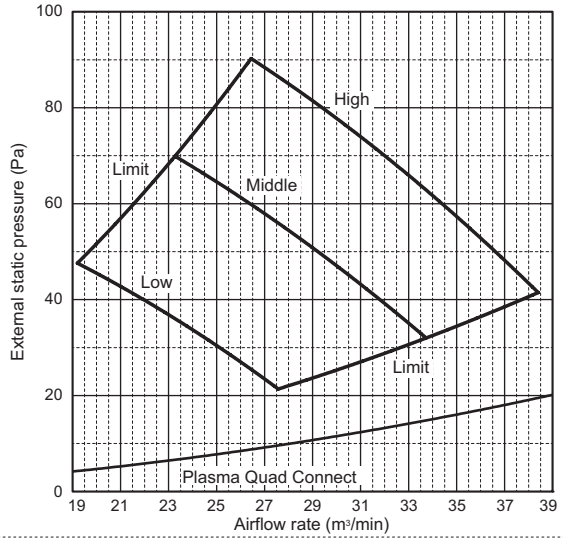
PEFY-W100VMA(L)-A
External static pressure : 40Pa
Power source : 220-240V



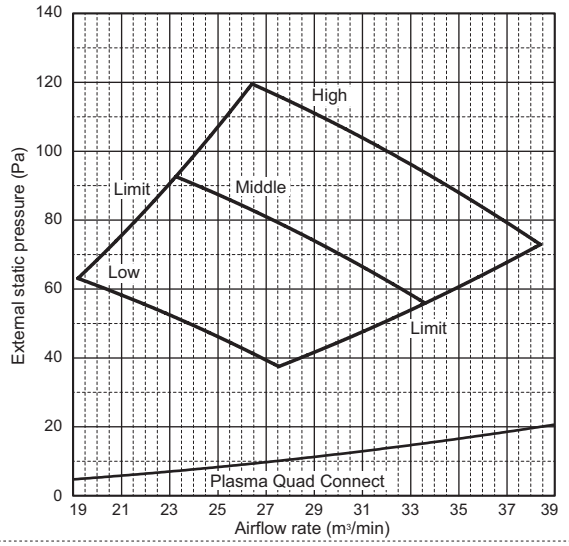
PEFY-W100VMA(L)-A
External static pressure : 50Pa
Power source : 220-240V



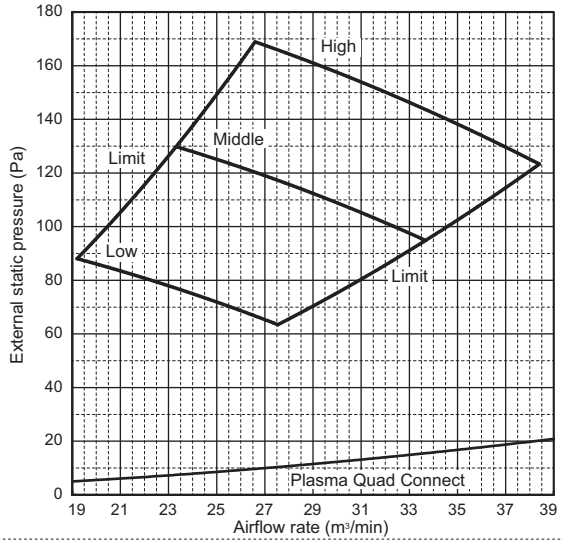
PEFY-W100VMA(L)-A
External static pressure : 70Pa
Power source : 220-240V



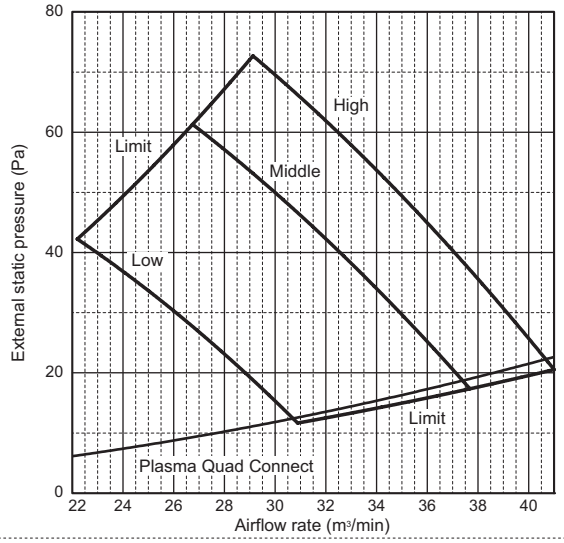
PEFY-W100VMA(L)-A
External static pressure : 100Pa
Power source : 220-240V



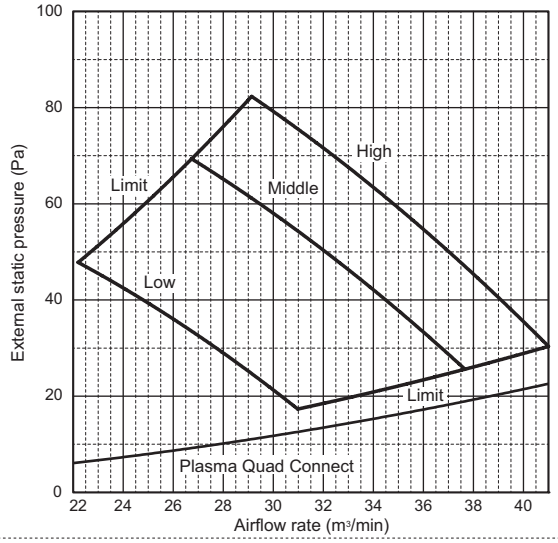
PEFY-W100VMA(L)-A
External static pressure : 150Pa
Power source : 220-240V



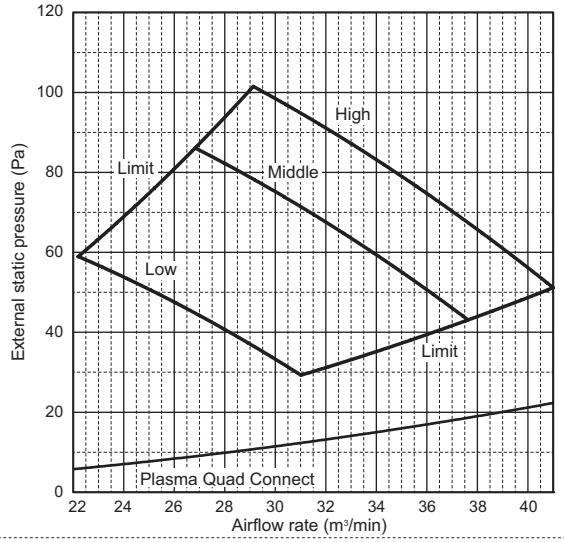
PEFY-W125VMA(L)-A
External static pressure : 40Pa
Power source : 220-240V



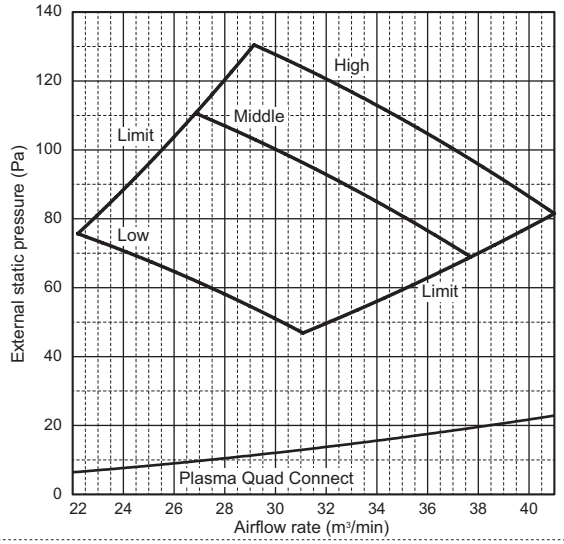
PEFY-W125VMA(L)-A
External static pressure : 50Pa
Power source : 220-240V



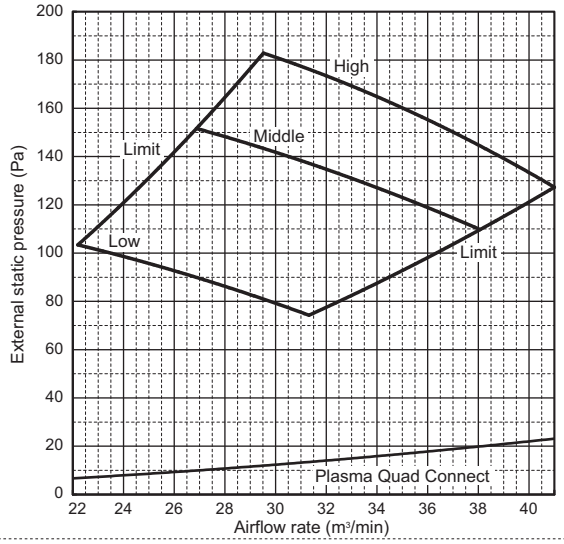
PEFY-W125VMA(L)-A
External static pressure : 70Pa
Power source : 220-240V



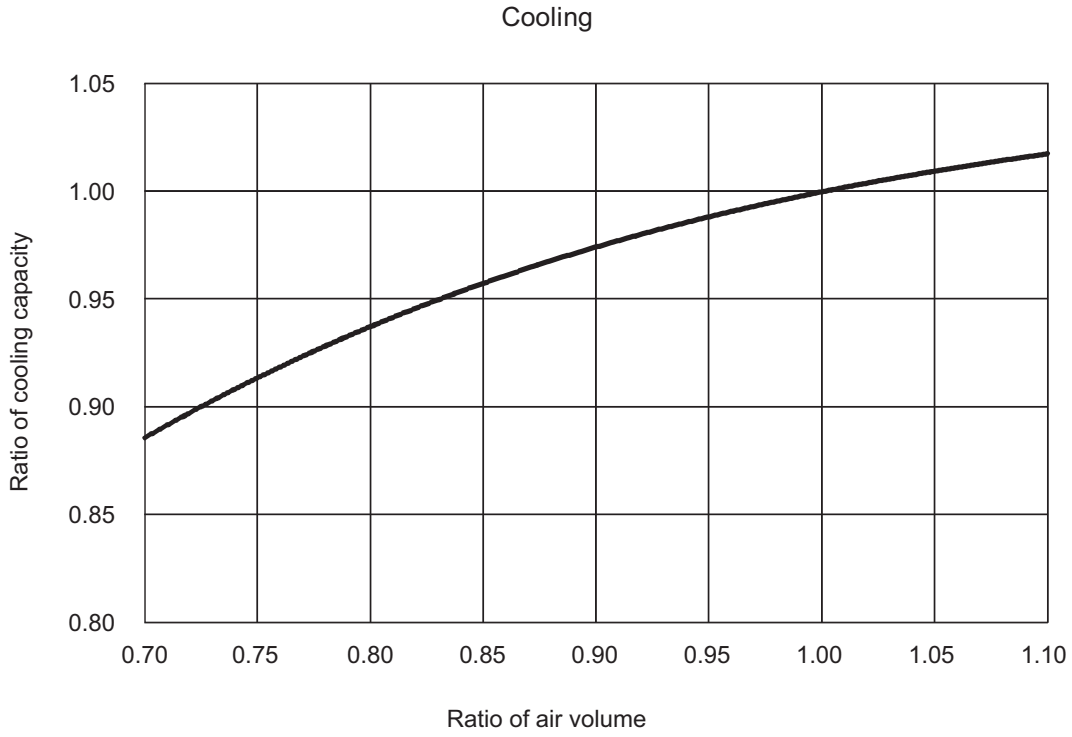
PEFY-W125VMA(L)-A
External static pressure : 100Pa
Power source : 220-240V

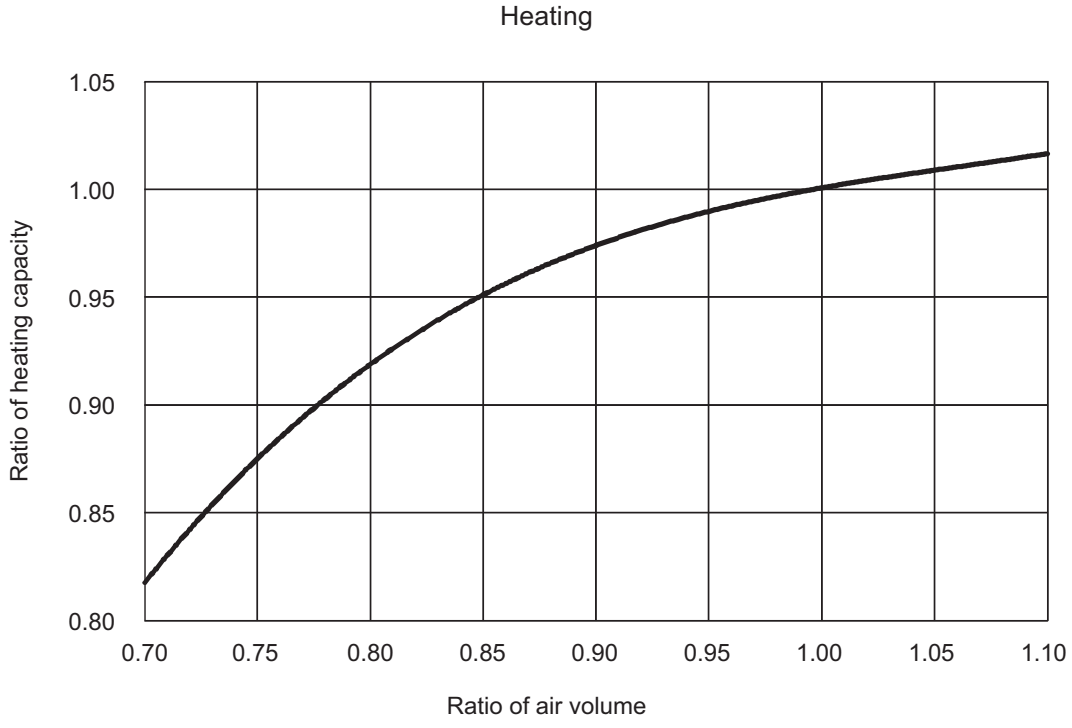


PEFY-W125VMA(L)-A
External static pressure : 150Pa
Power source : 220-240V



7-1. Correction by fan speed





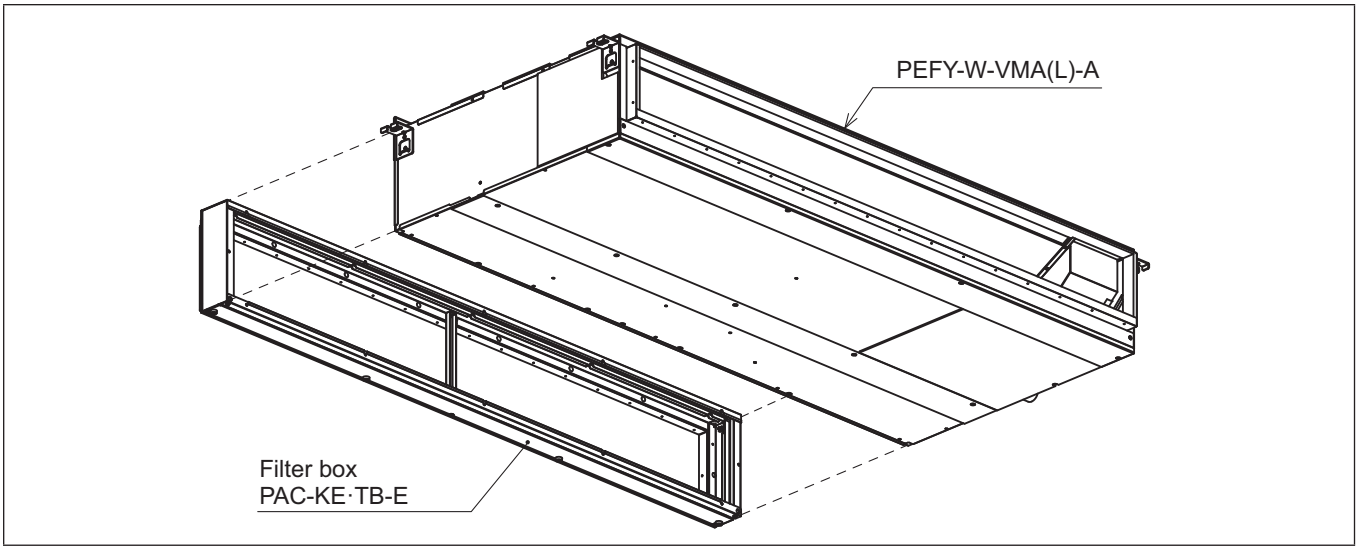
Symbols: MCA: Max.Circuit Amps (=1.25xFLA) FLA: Full Load Amps
IFM: Indoor Fan Motor Output: Fan motor rated output

PEFY-W-VMA(L)-A	Power supply			IFM	
	Volts/Hz	Range +-10%	MCA (A)	Output (kW)	FLA (A)
PEFY-W20VMA(L)-A	220-240V/50Hz 220-240V/60Hz	Max.: 264V Min.: 198V	0.93	0.085	0.74
PEFY-W25VMA(L)-A			0.93	0.085	0.74
PEFY-W32VMA(L)-A			1.19	0.085	0.95
PEFY-W40VMA(L)-A			1.45	0.121	1.16
PEFY-W50VMA(L)-A			2.35	0.121	1.88
PEFY-W63VMA(L)-A			2.35	0.121	1.88
PEFY-W71VMA(L)-A			2.35	0.121	1.88
PEFY-W80VMA(L)-A			2.35	0.121	1.88
PEFY-W100VMA(L)-A			2.81	0.300	2.25
PEFY-W125VMA(L)-A			2.93	0.300	2.34

9-1. Optional parts line up for the Indoor unit

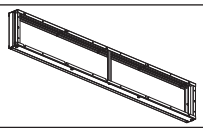
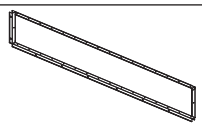
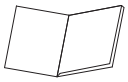
	Filter box	Plasma Quad Connect	PQ attachment (Rear inlet)	PQ attachment (Bottom inlet)	PQ box
PEFY-W20, 25, 32VMA(L)-A	PAC-KE91TB-E	MAC-100FT-E	PAC-HA31PAR	PAC-HA31PAU	PAC-KE91PTB-E
PEFY-W40VMA(L)-A	PAC-KE92TB-E	MAC-100FT-E	PAC-HA31PAR	PAC-HA31PAU	PAC-KE92PTB-E
PEFY-W50, 63, 71, 80VMA(L)-A	PAC-KE93TB-E	MAC-100FT-E	PAC-HA31PAR	PAC-HA31PAU	PAC-KE93PTB-E
PEFY-W100, 125VMA(L)-E	PAC-KE94TB-E	MAC-100FT-E	PAC-HA31PAR	PAC-HA31PAU	PAC-KE94PTB-E

● PEFY-W-VMA(L)-A



9-2. Filter box

PAC-KE-TB-E

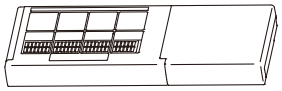
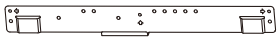
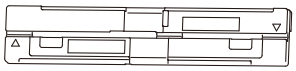
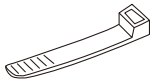
Item	1 Screw	2 Filter box	3 FLANGE	4 Installation manual	
Quantity	30	1	1	1	
Shape					

Detailed installation information should be referred to its Installation Manual.

9-3. Plasma Quad Connect

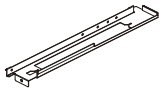
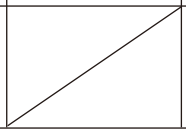
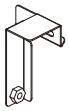
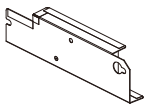
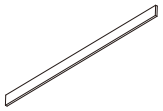
Static pressure loss is referred to 6 “FAN CHARACTERISTICS CURVES”.
Plasma Quad Connect (MAC-100FT-E) should be used together with PQ box or PQ attachment (PAC-HA31PAR or PAC-HA31PAU).
*Attaching the Plasma Quad Connect increases the pressure loss. Adjust the external static pressure setting as necessary. For the adjustment procedure, see the Installation Manual for the indoor unit.

Plasma Quad Connect (MAC-100FT-E)

Item	Plasma Quad Connect (with connecting cable)	Installation plate	Fixing screw for Plasma Quad Connect and Installation plate 4 × 25 mm
Quantity	1	1	5
Shape			
Item	Spacer Note: The spacer is used as packaging material.	Mounting cord clamp	Cable tie
Quantity	1	1	1
Shape			
Item	Screw for Mounting cord clamp 4 × 16 (Use when joining room air conditioner parts)		
Quantity	1		
Shape			

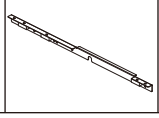
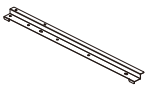
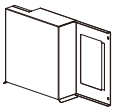
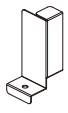
Detailed installation information should be referred to its Installation Manual.

PQ attachment (Rear inlet) (PAC-HA31PAR)

Item	PLATE 1	PLATE 2	PLATE 3	PLATE 4	Screw (4 × 10)	Screw (5 × 10)	RUBBER PLATE
Quantity	1	–	1	1	3	2	2
Shape							

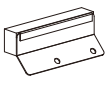
Detailed installation information should be referred to its Installation Manual.

PQ attachment (Bottom inlet) (PAC-HA31PAU)

Item	PLATE 1	PLATE 2	PLATE 3	PLATE 4	Screw (4 × 10)	CABLE STRAP	WIRE SADDLE	RUBBER PLATE
Quantity	1	1	1	1	9	1	1	2
Shape								

Detailed installation information should be referred to its Installation Manual.

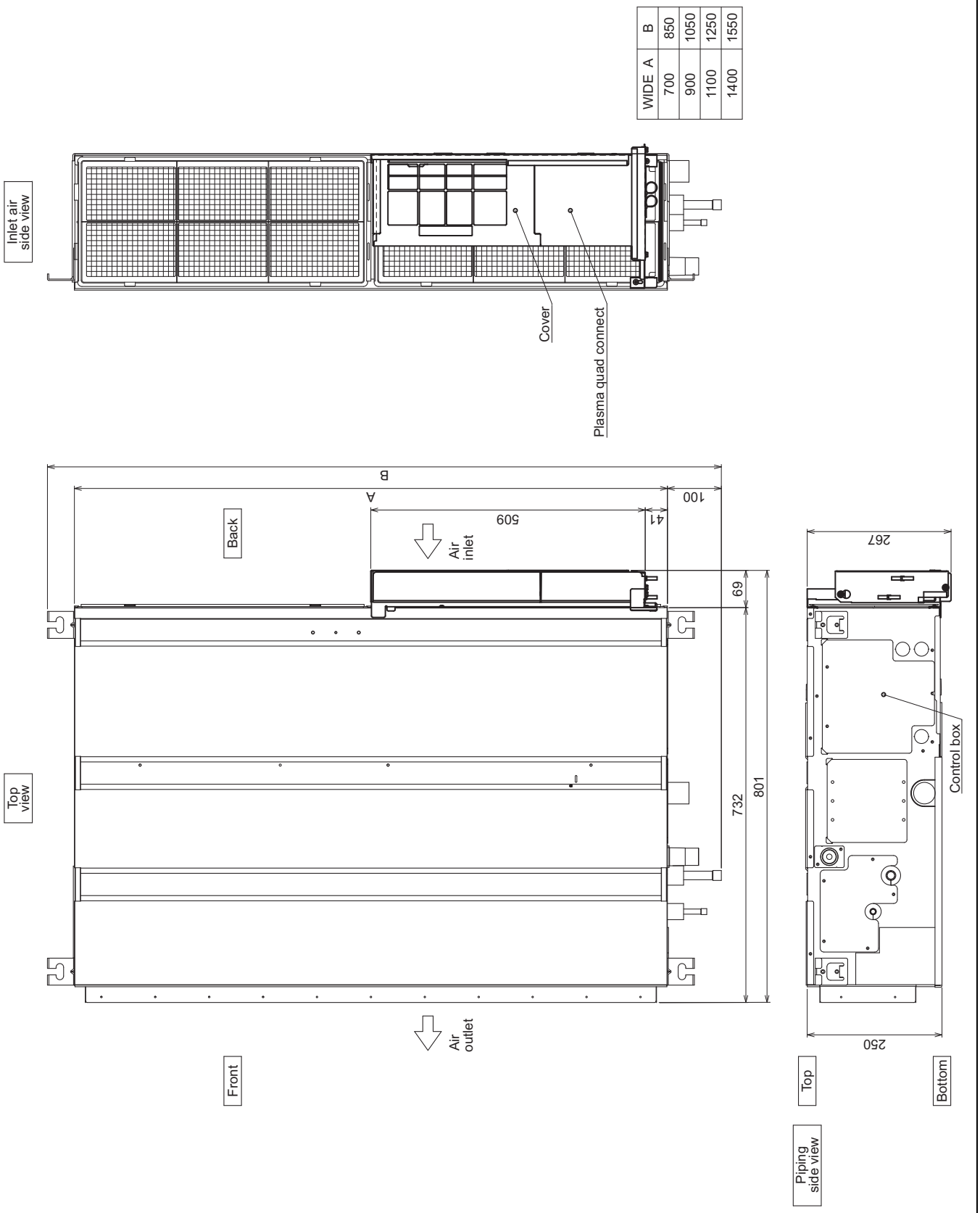
PQ box (PAC-KE91, 92, 93, 94PTB-E)

Item	Screw (4 × 10)	CABLE STRAP	SUCTION FLANGE	WIRING COVER	RUBBER PLATE
Quantity	22 (PAC-KE91PTB-E) 26 (PAC-KE92, 93PTB-E) 32 (PAC-KE94PTB-E)	2	1	1	2
Shape					

Detailed installation information should be referred to its Installation Manual.

PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA(L)-A
with PQ attachment (Rear inlet) and Plasma Quad Connect

Unit: mm



Model	WIDE A	B
PEFY-W20,25,32VMA(L)-A	700	850
PEFY-W40VMA(L)-A	900	1050
PEFY-W50,63,71,80VMA(L)-A	1100	1250

Model	WIDE A	B
PEFY-W100,125VMA(L)-A	1400	1550

The drawing above is a sample image of the optional parts being installed on a unit.

PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA(L)-A with PQ attachment (Rear inlet) and Plasma Quad Connect

Unit: mm

[Maintenance access space]
Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and control box in one of the following ways.
Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.
(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
- Create access door 1 and 2 (450x450mm each) as shown in Fig.2.
  (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
(At least 20mm of space should be left below the unit as shown in Fig.3.)
- Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
  or
- Create access door 4 below the control box and the unit as shown in Fig.5.

(3) For maintenance if there is more than 170mm from the top surface, the cover can be pulled out without removing the PQ attachment. (Fig.1, Fig.3)

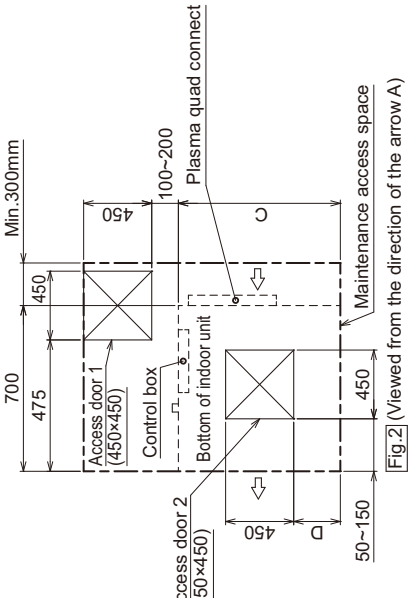


Fig.2 (Viewed from the direction of the arrow A)

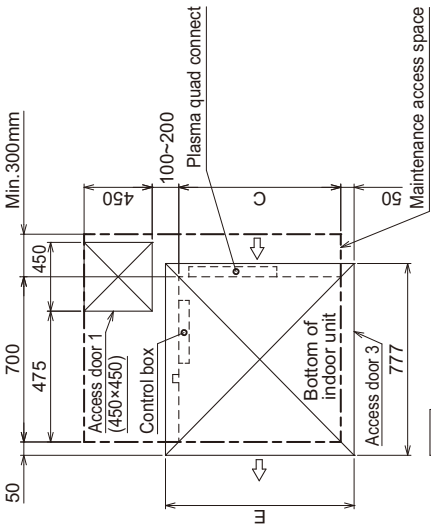


Fig.4 (Viewed from the direction of the arrow B)

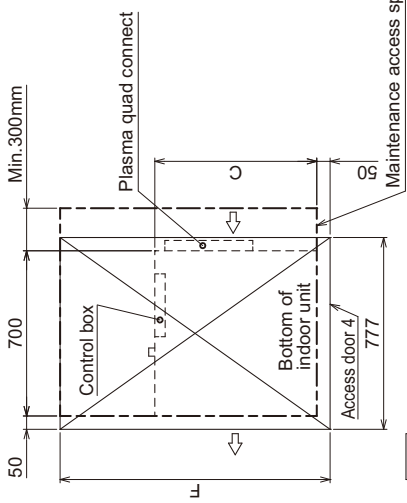


Fig.5 (Viewed from the direction of the arrow B)

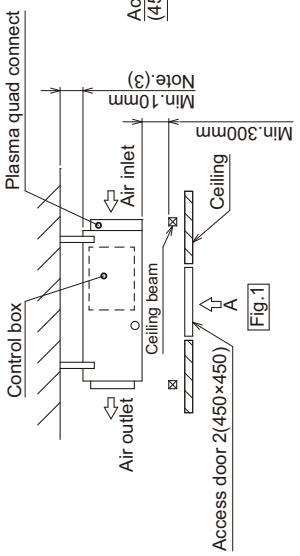


Fig.1

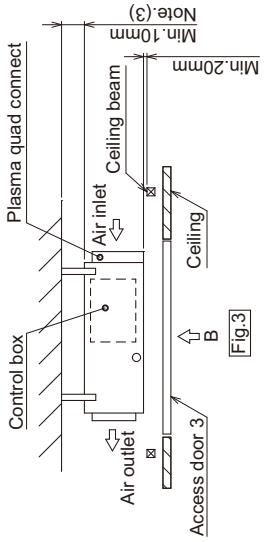


Fig.3

WIDE C	D	E	F
700	50~150	800	1300
900	150~250	1000	1500
1100	250~350	1200	1700
1400	400~500	1500	2000

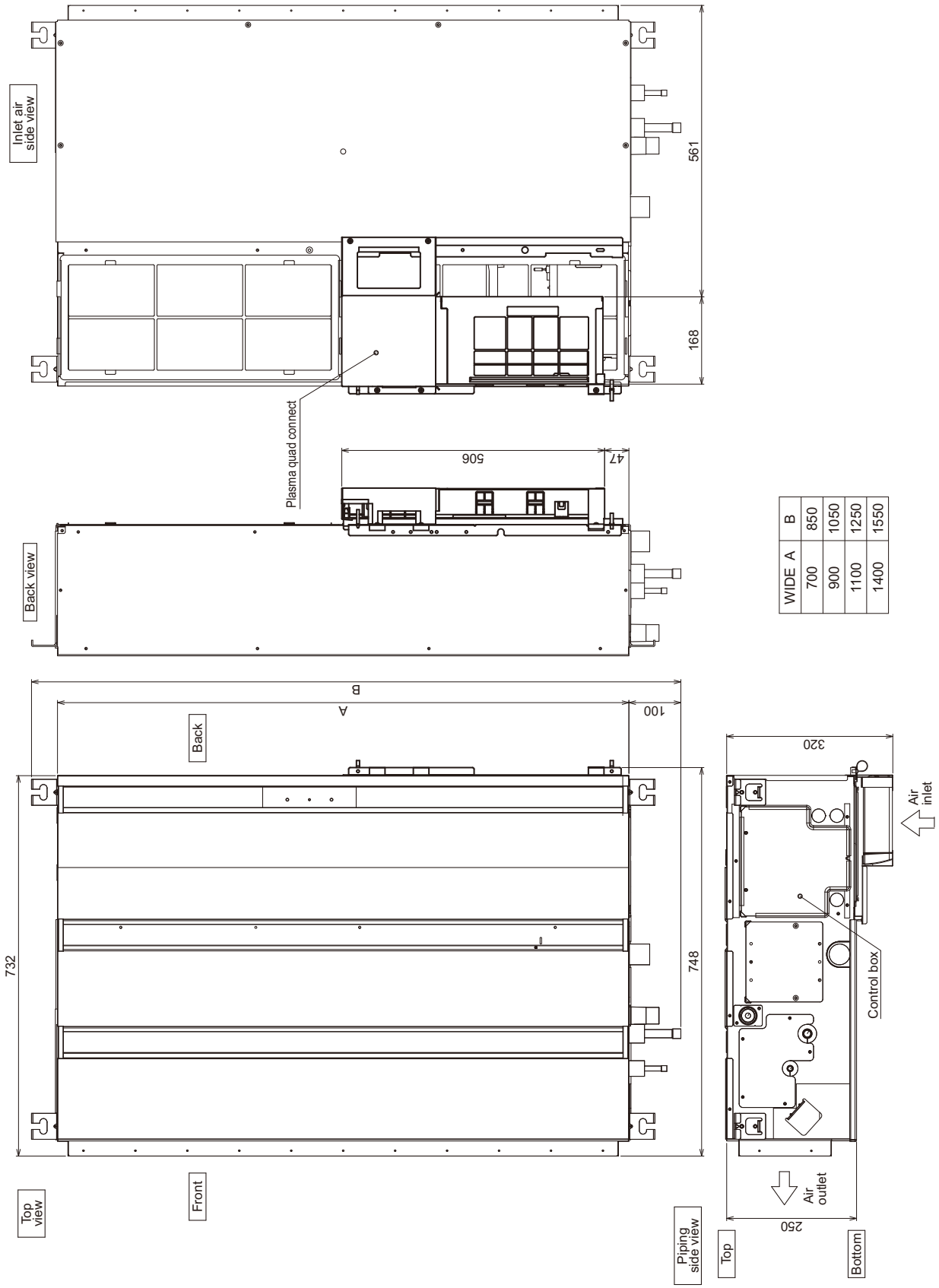
Model	WIDE C	D	E	F
PEFY-W20,25,32VMA(L)-A	700	50~150	800	1300
PEFY-W40VMA(L)-A	900	150~250	1000	1500
PEFY-W50,63,71,80VMA(L)-A	1100	250~350	1200	1700

Model	WIDE C	D	E	F
PEFY-W100,125VMA(L)-A	1400	400~500	1500	2000

The drawing above is a sample image of the optional parts being installed on a unit.

PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA(L)-A
with PQ attachment (Bottom inlet) and Plasma Quad Connect

Unit: mm



WIDE A	B
700	850
900	1050
1100	1250
1400	1550

Model	WIDE A	B
PEFY-W20,25,32VMA(L)-A	700	850
PEFY-W40VMA(L)-A	900	1050
PEFY-W50,63,71,80VMA(L)-A	1100	1250

Model	WIDE A	B
PEFY-W100,125VMA(L)-A	1400	1550

The drawing above is a sample image of the optional parts being installed on a unit.

PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA(L)-A with PQ attachment (Bottom inlet) and Plasma Quad Connect

Unit: mm

[Maintenance access space]
Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and control box in one of the following ways.
Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.
(1) When a space of 300mm or more is available below the unit between the unit and the ceiling. (Fig.1)
- Create access door 1 and 2 (450x450mm each) as shown in Fig.2.
  (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300mm is available below the unit between the unit and the ceiling.
(At least 20mm of space should be left below the unit as shown in Fig.3.)
- Create access door 1 diagonally below the control box and access door 3 below the unit as shown in Fig.4.
  or
- Create access door 4 below the control box and the unit as shown in Fig.5.

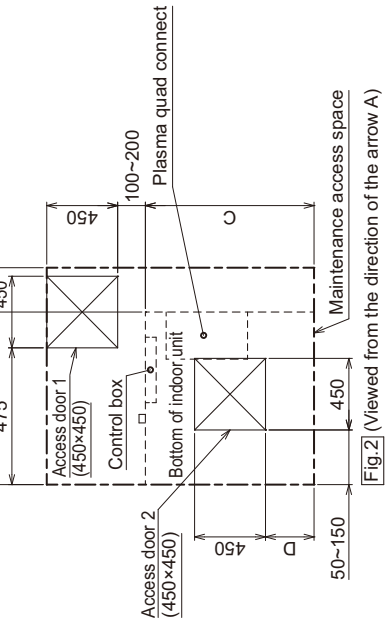


Fig.2 (Viewed from the direction of the arrow A)

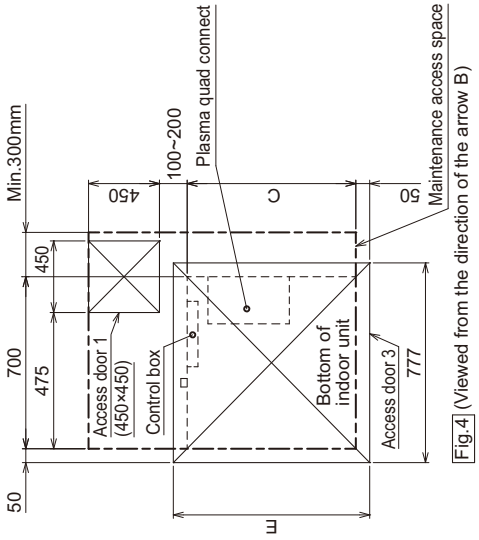


Fig.4 (Viewed from the direction of the arrow B)

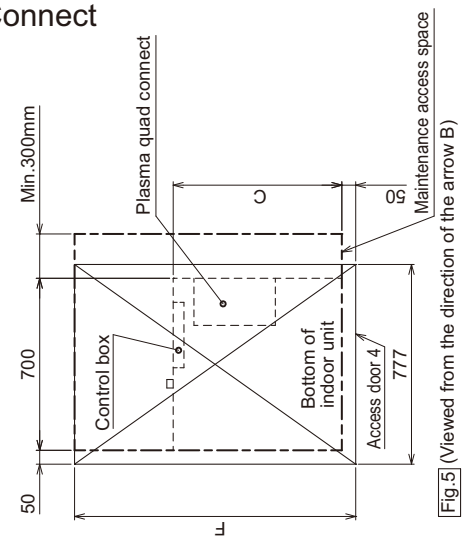


Fig.5 (Viewed from the direction of the arrow B)

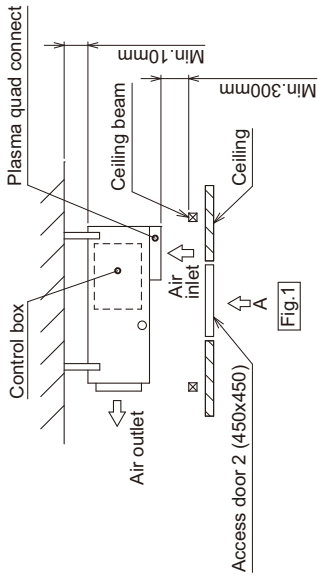


Fig.1

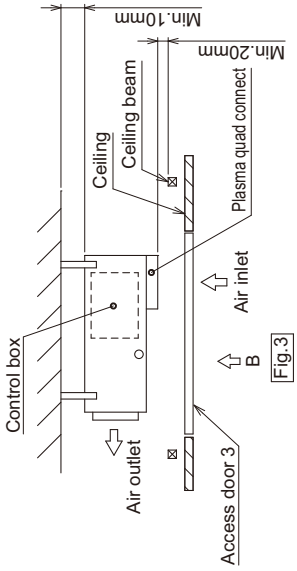


Fig.3

WIDE C	D	E	F
700	50~150	800	1300
900	150~250	1000	1500
1100	250~350	1200	1700
1400	400~500	1500	2000

Model	WIDE C	D	E	F
PEFY-W20,25,32VMA(L)-A	700	50~150	800	1300
PEFY-W40VMA(L)-A	900	150~250	1000	1500
PEFY-W50,63,71,80VMA(L)-A	1100	250~350	1200	1700

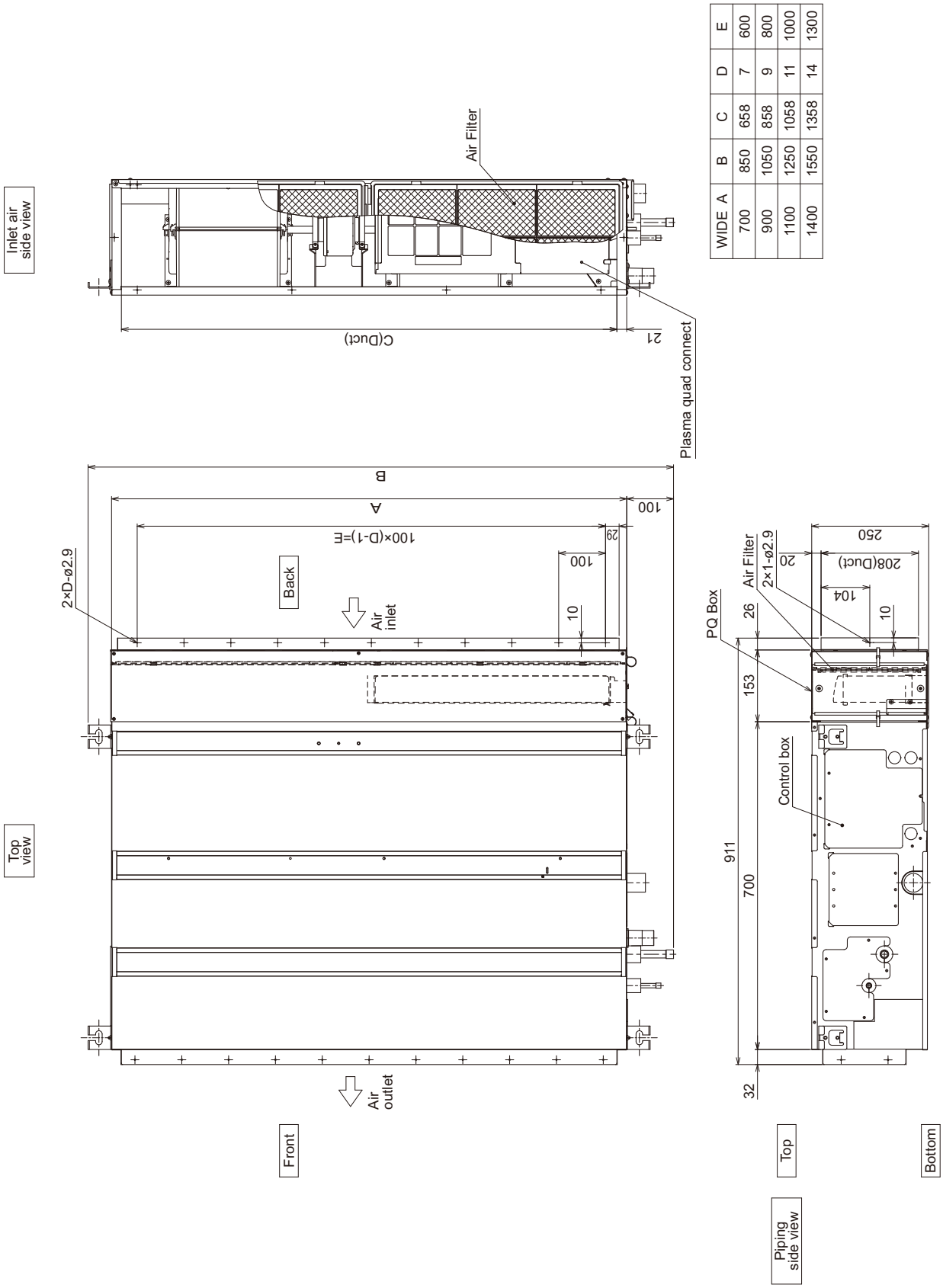
Model	WIDE C	D	E	F
PEFY-W100,125VMA(L)-A	1400	400~500	1500	2000

The drawing above is a sample image of the optional parts being installed on a unit.

PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA(L)-A
with PQ box and Plasma Quad Connect

Unit: mm

WIDE A	B	C	D	E
700	850	658	7	600
900	1050	858	9	800
1100	1250	1058	11	1000
1400	1550	1358	14	1300



Model	WIDE A	B	C	D	E
PEFY-W20,25,32VMA(L)-A	700	850	658	7	600
PEFY-W40VMA(L)-A	900	1050	858	9	800
PEFY-W50,63,71,80VMA(L)-A	1100	1250	1058	11	1000

Model	WIDE A	B	C	D	E
PEFY-W100,125VMA(L)-A	1400	1550	1358	14	1300

The drawing above is a sample image of the optional parts being installed on a unit.

PEFY-W20, 25, 32, 40, 50, 63, 71, 80, 100, 125VMA(L)-A with PQ box and Plasma Quad Connect

Unit: mm

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  or
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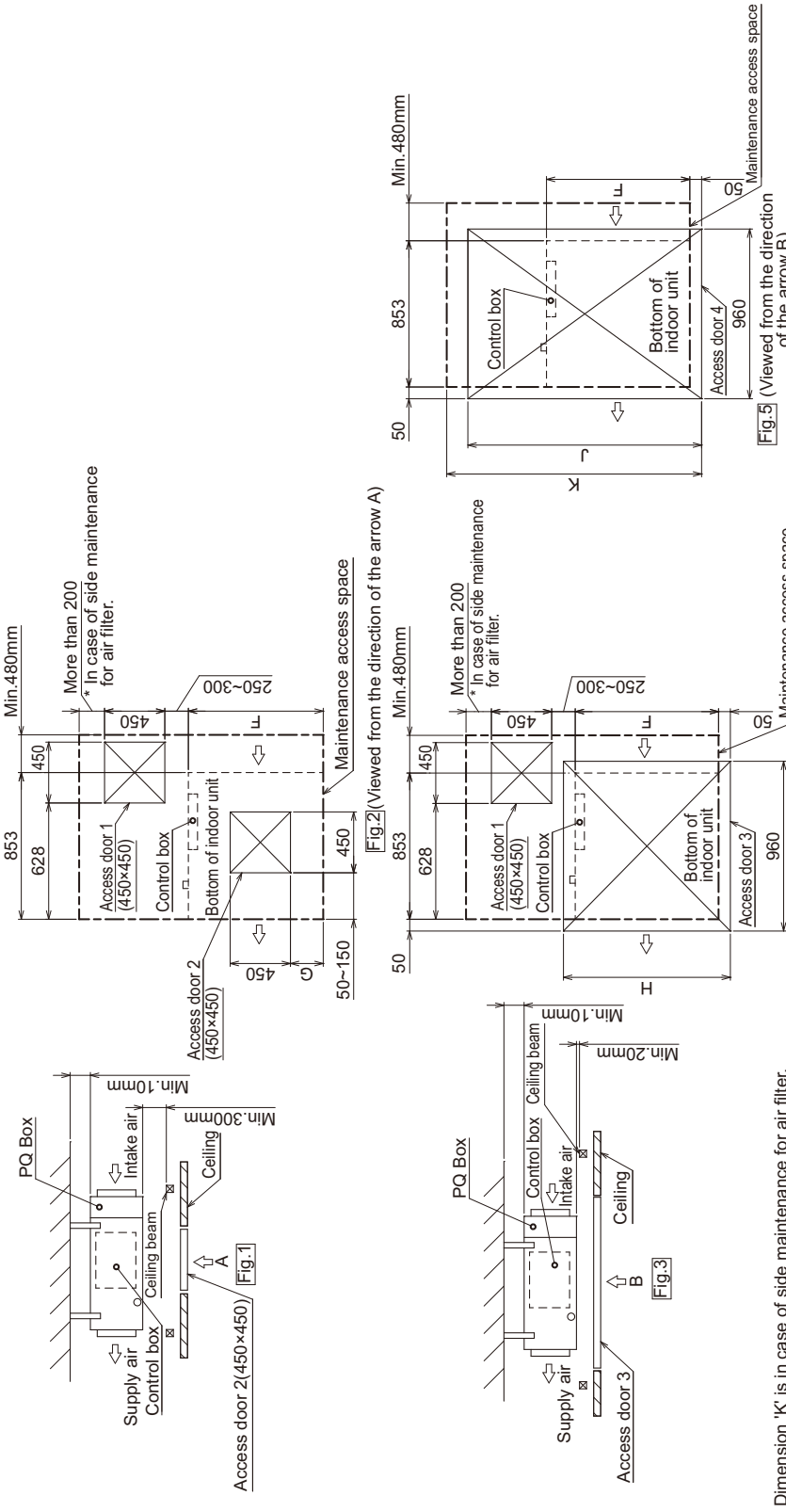

* Dimension 'K' is in case of side maintenance for air filter.

WIDE F	G	H	J	K
700	50~150	800	1300	1450
900	150~250	1000	1500	1850
1100	250~350	1200	1700	
1400	400~500	1500	2000	2150

Model	WIDE F	G	H	J	K
PEFY-W20,25,32VMA(L)-A	700	50~150	800	1300	1450
PEFY-W40VMA(L)-A	900	150~250	1000	1500	1850
PEFY-W50,63,71,80VMA(L)-A	1100	250~350	1200	1700	-

Model	WIDE F	G	H	J	K
PEFY-W100,125VMA(L)-A	1400	400~500	1500	2000	2150

The drawing above is a sample image of the optional parts being installed on a unit.

⚠Warning

■ Do not use refrigerant other than the type indicated in the manuals provided with the unit and on the nameplate.
- Doing so may cause the unit or pipes to burst, or result in explosion or fire during use, repair, or at the time of disposal of the unit.
- It may also be in violation of applicable laws.
- MITSUBISHI ELECTRIC CORPORATION cannot be held responsible for malfunctions or accidents resulting from the use of the wrong type of refrigerant.

■ Our air conditioning equipment and heat pumps contain a fluorinated greenhouse gas, R410A/R32.

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