

Ceiling concealed

PEFY-P-VML-A
PEFY-P-VMH-A

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1. Specifications

PEFY-P-
VML-A/VMH-A

			PEFY-P20VML-A	PEFY-P25VML-A	PEFY-P32VML-A
Power source			~220-240V 50Hz / 60Hz		
Cooling capacity	* 1	kW	2.2	2.8	3.6
	* 2	kcal/h	2,000	2,500	3,150
Heating capacity	* 1	kW	2.5	3.2	4.0
Power consumption (50/60Hz)	Cooling	kW	0.05/0.06		0.07/0.09
	Heating	kW	0.05/0.06		0.07/0.09
Current	Cooling	A	0.24/0.28		0.32/0.42
	Heating	A	0.24/0.28		0.32/0.42
External finish			Galvanized steel plate		
Dimension	Height	mm	225		
	Width	mm	720		
	Depth	mm	550		
Net weight		kg	18		
Heat exchanger			Cross fin (Aluminum plate fin and copper tube)		
Fan	Type		Sirocco fanX 1		
	Airflow rate (Lo-Mid-Hi)	m ³ /min	5.4-6.5-7.9		6.0-7.5-9.5
	External static pressure	Pa	5		
Motor	Type		Single phase induction motor		
	Output	kW	0.023		0.032
Air filter			PP Honeycomb fabric (washable)		
Refrigerant pipe dimension	Gas (Brazing)	mm	φ□12.7		
	Liquid (Brazing)	mm	φ□6.35		
Drain pipe dimension			R1 (External thread)		
Noise level (Lo-Mid-Hi)		dB(A)	29-33-36		30-35-40

			PEFY-P40VMH-A	PEFY-P50VMH-A	PEFY-P63VMH-A	PEFY-P71VMH-A	
Power source			~ 220-240V 50Hz /60Hz				
Cooling capacity	* 1	kW	4.5	5.6	7.1	8.0	
	* 2	kcal/h	4,000	5,000	6,300	7,100	
Heating capacity	* 1	kW	5.0	6.3	8.0	9.0	
Power consumption (50/60Hz)	Cooling	kW	0.19/0.23		0.24/0.30	0.26/0.33	
	Heating	kW	0.19/0.23		0.24/0.30	0.26/0.33	
Current	Cooling	A	0.88/1.06		1.12/1.38	1.20/1.51	
	Heating	A	0.88/1.06		1.12/1.38	1.20/1.51	
External finish			Galvanizing				
Dimension	Height	mm	380				
	Width	mm	750		1000		
	Depth	mm	900				
Net weight		kg	44	45	50		
Heat exchanger			Cross fin (Aluminum plate fin and copper tube)				
Fan	Type		Sirocco fanX 1				
	Airflow rate (Lo-Hi)	m ³ /min	10.0-14.0		13.5-19.0	15.5-22.0	
	External static pressure * 3	220V	Pa	50/100/200			
		230, 240V	Pa	100/150/200			
Motor	Type		Single phase induction motor				
	Output * 4	kW	0.08		0.12	0.14	
Air filter (option)			Synthetic fiber unwoven cloth filter(long life)				
Refrigerant pipe dimension	Gas (Flare)	mm	φ□12.7	φ□15.88			
	Liquid (Flare)	mm	φ□6.35	φ□9.52			
Drain pipe dimension			32 (1-1/4 inch)				
Noise level (Lo-Hi)	220V	dB(A)	27-34		32-38	32-39	
	230, 240V	dB(A)	31-37		36-41	35-41	

Note: * 1 Cooling/Heating capacity indicates the maximum value at operation under the following condition.
Cooling : Indoor 27°CDB/19°CWB, Outdoor 35°CDB
Heating : Indoor 20°CDB, Outdoor 7°CDB/6°CWB
* 2 Cooling capacity indicates the maximum value at operation under the following condition.
Cooling : Indoor 27°CDB/19.5°CWB, Outdoor 35°CDB (WR2: water 30°C)
* 3 The external static pressure is set to 100Pa (at 220V) /150Pa (at 230, 240V) at factory shipment.
* 4 The value are that at 240V.

			PEFY-P80VMH-A	PEFY-P100VMH-A	PEFY-P125VMH-A	PEFY-P140VMH-A
Power source			~ 220-240V 50Hz /60Hz			
Cooling capacity	* 1	kW	9.0	11.2	14.0	16.0
	* 2	kcal/h	8,000	10,000	12,500	14,000
Heating capacity	* 1	kW	10.0	12.5	16.0	18.0
Power consumption (50/60Hz)	Cooling	kW	0.32/0.40		0.48/0.58	
	Heating	kW	0.32/0.40		0.48/0.58	
Current	Cooling	A	1.47/1.83		2.34/2.66	
	Heating	A	1.47/1.83		2.34/2.66	
External finish			Galvanizing			
Dimension	Height	mm	380			
	Width	mm	1000	1200		
	Depth	mm	900			
Net weight		kg	50	70		
Heat exchanger			Cross fin (Aluminum plate fin and copper tube)			
Fan	Type		Sirocco fanX 1		Sirocco fanX 2	
	Airflow rate (Lo-Hi)	m ³ /min	18.0-25.0		26.5-38.0	
	External static pressure * 3	220V	Pa	50/100/200		
230, 240V		Pa	100/150/200			
Motor	Type		Single phase induction motor			
	Output * 4	kW	0.18		0.26	
Air filter (option)			Synthetic fiber unwoven cloth filter(long life)			
Refrigerant pipe dimension	Gas (Flare)	mm	ø□15.88		ø□19.05	
	Liquid (Flare)	mm	ø□19.52			
Drain pipe dimension			32 (1-1/4 inch)			
Noise level (Lo-Hi)	220V	dB(A)	35-41		34-42	
	230, 240V	dB(A)	38-43		38-44	

			PEFY-P200VMH-A	PEFY-P250VMH-A
Power source			3N ~ 380-415V 50Hz / 60Hz	
Cooling capacity	* 1	kW	22.4	
	* 2	kcal/h	20,000	
Heating capacity	* 1	kW	25.0	
Power consumption (50/60Hz)	Cooling	kW	0.99/1.14	
	Heating	kW	0.99/1.14	
Current	Cooling	A	1.62/1.86	
	Heating	A	1.62/1.86	
External finish			Galvanizing	
Dimension	Height	mm	470	
	Width	mm	1250	
	Depth	mm	1120	
Net weight		kg	100	
Heat exchanger			Cross fin (Aluminum plate fin and copper tube)	
Fan	Type		Sirocco fanX 2	
	Airflow rate	m ³ /min	58.0	
	External static pressure * 5	380V	Pa	110/220
400, 415V		Pa	130/260	
Motor	Type		3-phase induction motor	
	Output * 6	kW	0.76	
Air filter (option)			Synthetic fiber unwoven cloth filter(long life)	
Refrigerant pipe dimension	Gas (Brazing)	mm	ø□25.4	
	Liquid (Brazing)	mm	ø□2.7	
Drain pipe dimension			32 (1-1/4 inch)	
Noise level	380V	dB(A)	42(110Pa)/45(220Pa)	
	400, 415V	dB(A)	44(130Pa)/47(260Pa)	

Note: * 1 Cooling/Heating capacity indicates the maximum value at operation under the following condition.
 Cooling : Indoor 27°CDB/19°CWB, Outdoor 35°CDB
 Heating : Indoor 20°CDB, Outdoor 7°CDB/6°CWB
 * 2 Cooling capacity indicates the maximum value at operation under the following condition.
 Cooling : Indoor 27°CDB/19.5°CWB, Outdoor 35°CDB (WR2: water 30°C)
 * 3 The external static pressure is set to 100Pa (at 220V) /150Pa (at 230, 240V) at factory shipment.
 * 4 The value are that at 240V.
 * 5 The external static pressure is set to 110Pa (at 380V) /130Pa (at 400, 415V) at factory shipment.
 * 6 The value are that at 415V.

2. Capacity tables

2-1.Cooling Capacity (In combination with PUMY-125YM(A))

CA:Capacity(kW)

SHC:Sensible heat Capacity(kW)

PEFY-P-VML-A,VMH-A

Unit size	Outdoor air temp.	Indoor air temp.							
		23°CDB 16°CWB		25°CDB 18°CWB		28°CDB 20°CWB		30°CDB 22°CWB	
		°CDB	CA	SHC	CA	SHC	CA	SHC	CA
20 (2.2)	20.0	2.2	1.8	2.3	1.9	2.4	1.9	2.6	2.0
	22.5	2.1	1.8	2.3	1.9	2.4	1.9	2.6	2.0
	25.0	2.1	1.8	2.3	1.9	2.4	1.9	2.5	2.0
	27.5	2.1	1.8	2.2	1.9	2.4	1.9	2.5	2.0
	30.0	2.1	1.8	2.2	1.9	2.3	1.9	2.5	1.9
	32.5	2.0	1.8	2.2	1.9	2.3	1.9	2.5	1.9
	35.0	2.0	1.8	2.1	1.9	2.3	1.8	2.4	1.9
	37.5	2.0	1.8	2.1	1.9	2.2	1.8	2.4	1.9
	40.0	2.0	1.7	2.1	1.8	2.2	1.8	2.4	1.9
	46.0	1.9	1.7	2.0	1.8	2.1	1.8	2.3	1.9
25 (2.8)	20.0	2.8	2.2	2.9	2.3	3.1	2.3	3.3	2.3
	22.5	2.7	2.2	2.9	2.3	3.1	2.2	3.2	2.3
	25.0	2.7	2.1	2.9	2.3	3.1	2.2	3.2	2.3
	27.5	2.7	2.1	2.8	2.2	3.0	2.2	3.2	2.3
	30.0	2.6	2.1	2.8	2.2	3.0	2.2	3.2	2.3
	32.5	2.6	2.1	2.8	2.2	2.9	2.2	3.1	2.3
	35.0	2.6	2.1	2.7	2.2	2.9	2.2	3.1	2.3
	37.5	2.5	2.1	2.7	2.2	2.9	2.2	3.0	2.2
	40.0	2.5	2.0	2.7	2.2	2.8	2.1	3.0	2.2
	46.0	2.4	2.0	2.6	2.1	2.7	2.1	2.9	2.2
32 (3.6)	20.0	3.6	2.7	3.7	2.8	4.0	2.8	4.2	2.9
	22.5	3.5	2.7	3.7	2.8	4.0	2.8	4.2	2.9
	25.0	3.5	2.7	3.7	2.8	3.9	2.8	4.1	2.9
	27.5	3.4	2.7	3.6	2.8	3.9	2.8	4.1	2.8
	30.0	3.4	2.6	3.6	2.8	3.8	2.7	4.1	2.8
	32.5	3.3	2.6	3.6	2.7	3.8	2.7	4.0	2.8
	35.0	3.3	2.6	3.5	2.7	3.7	2.7	4.0	2.8
	37.5	3.2	2.6	3.5	2.7	3.7	2.7	3.9	2.8
	40.0	3.2	2.5	3.4	2.7	3.6	2.7	3.9	2.7
	46.0	3.1	2.5	3.3	2.6	3.5	2.6	3.7	2.7
40 (4.5)	20.0	4.5	3.3	4.7	3.5	5.0	3.5	5.3	3.6
	22.5	4.4	3.3	4.6	3.5	5.0	3.4	5.2	3.5
	25.0	4.3	3.3	4.6	3.4	4.9	3.4	5.2	3.5
	27.5	4.3	3.3	4.6	3.4	4.9	3.4	5.1	3.5
	30.0	4.2	3.2	4.5	3.4	4.8	3.4	5.1	3.5
	32.5	4.2	3.2	4.4	3.4	4.7	3.3	5.0	3.5
	35.0	4.1	3.2	4.4	3.3	4.7	3.3	5.0	3.4
	37.5	4.1	3.1	4.3	3.3	4.6	3.3	4.9	3.4
	40.0	4.0	3.1	4.3	3.3	4.5	3.3	4.8	3.4
	46.0	3.8	3.0	4.1	3.2	4.3	3.2	4.6	3.3
50 (5.6)	20.0	5.5	3.9	5.8	4.1	6.2	4.1	6.6	4.2
	22.5	5.5	3.9	5.8	4.1	6.2	4.0	6.5	4.1
	25.0	5.4	3.9	5.7	4.0	6.1	4.0	6.4	4.1
	27.5	5.3	3.8	5.7	4.0	6.0	4.0	6.4	4.1
	30.0	5.3	3.8	5.6	4.0	5.9	3.9	6.3	4.1
	32.5	5.2	3.7	5.5	3.9	5.9	3.9	6.2	4.0
	35.0	5.1	3.7	5.5	3.9	5.8	3.9	6.2	4.0
	37.5	5.0	3.7	5.4	3.9	5.7	3.8	6.1	4.0
	40.0	5.0	3.6	5.3	3.8	5.6	3.8	6.0	3.9
	46.0	4.8	3.5	5.1	3.7	5.4	3.7	5.8	3.8
63 (7.1)	20.0	7.0	5.2	7.4	5.4	7.9	5.3	8.3	5.5
	22.5	6.9	5.1	7.3	5.3	7.8	5.3	8.2	5.4
	25.0	6.9	5.1	7.3	5.3	7.7	5.3	8.2	5.4
	27.5	6.8	5.0	7.2	5.3	7.7	5.2	8.1	5.4
	30.0	6.7	5.0	7.1	5.2	7.5	5.2	8.0	5.3
	32.5	6.6	4.9	7.0	5.2	7.5	5.1	7.9	5.3
	35.0	6.5	4.9	6.9	5.1	7.3	5.1	7.8	5.3
	37.5	6.4	4.8	6.8	5.1	7.2	5.0	7.7	5.2
	40.0	6.3	4.8	6.7	5.1	7.2	5.0	7.6	5.2
	46.0	6.1	4.7	6.5	4.9	6.9	4.9	7.3	5.1

PEFY-P-VML-A/VMH-A

Cooling Capacity (In combination with PUMY-125YM(A))

CA:Capacity(kW)

SHC:Sensible heat Capacity(kW)

PEFY-P-VML-A,VMH-A

Unit size	Outdoor air temp.	Indoor air temp.							
		23°CDB 16°CWB		25°CDB 18°CWB		28°CDB 20°CWB		30°CDB 22°CWB	
		°CDB	CA	SHC	CA	SHC	CA	SHC	CA
71 (8.0)	20.0	7.9	5.8	8.3	6.0	8.9	6.0	9.4	6.1
	22.5	7.8	5.7	8.2	6.0	8.8	5.9	9.3	6.1
	25.0	7.7	5.7	8.2	5.9	8.7	5.9	9.2	6.1
	27.5	7.6	5.6	8.1	5.9	8.6	5.8	9.1	6.0
	30.0	7.5	5.6	8.0	5.8	8.5	5.8	9.0	6.0
	32.5	7.4	5.5	7.9	5.8	8.4	5.7	8.9	5.9
	35.0	7.3	5.4	7.8	5.7	8.3	5.7	8.8	5.9
	37.5	7.2	5.4	7.7	5.7	8.2	5.6	8.7	5.8
	40.0	7.1	5.4	7.6	5.6	8.1	5.6	8.6	5.8
46.0	6.8	5.2	7.3	5.5	7.7	5.4	8.2	5.6	
80 (9.0)	20.0	8.9	6.5	9.4	6.8	10.0	6.8	10.6	6.9
	22.5	8.8	6.5	9.3	6.7	9.9	6.7	10.4	6.9
	25.0	8.7	6.4	9.2	6.7	9.8	6.7	10.4	6.8
	27.5	8.6	6.4	9.1	6.7	9.7	6.6	10.3	6.8
	30.0	8.5	6.3	9.0	6.6	9.5	6.5	10.2	6.8
	32.5	8.3	6.2	8.9	6.6	9.5	6.5	10.0	6.7
	35.0	8.2	6.2	8.8	6.5	9.3	6.4	9.9	6.6
	37.5	8.1	6.1	8.6	6.4	9.2	6.4	9.8	6.6
	40.0	8.0	6.1	8.6	6.4	9.1	6.3	9.6	6.5
46.0	7.7	5.9	8.2	6.2	8.7	6.1	9.3	6.4	
100 (11.2)	20.0	11.1	8.7	11.6	9.1	12.5	9.1	13.1	9.3
	22.5	10.9	8.7	11.5	9.1	12.3	9.0	13.0	9.3
	25.0	10.8	8.6	11.5	9.0	12.2	9.0	12.9	9.2
	27.5	10.7	8.5	11.3	9.0	12.1	8.9	12.8	9.2
	30.0	10.5	8.5	11.2	8.9	11.9	8.8	12.6	9.1
	32.5	10.4	8.4	11.1	8.8	11.8	8.8	12.5	9.1
	35.0	10.2	8.3	10.9	8.8	11.6	8.7	12.3	9.0
	37.5	10.1	8.3	10.8	8.7	11.4	8.6	12.2	9.0
	40.0	10.0	8.2	10.6	8.6	11.3	8.6	12.0	8.9
46.0	9.6	8.0	10.2	8.5	10.8	8.4	11.5	8.7	
125 (14.0)	20.0	13.9	10.1	14.6	10.5	15.6	10.5	16.4	10.8
	22.5	13.7	10.0	14.4	10.4	15.4	10.4	16.2	10.7
	25.0	13.5	9.9	14.3	10.4	15.3	10.3	16.1	10.6
	27.5	13.4	9.9	14.2	10.3	15.1	10.2	16.0	10.6
	30.0	13.2	9.8	14.0	10.2	14.9	10.1	15.8	10.5
	32.5	13.0	9.6	13.8	10.2	14.7	10.1	15.6	10.4
	35.0	12.8	9.6	13.7	10.1	14.5	10.0	15.4	10.3
	37.5	12.6	9.5	13.4	10.0	14.3	9.9	15.2	10.2
	40.0	12.5	9.4	13.3	9.9	14.1	9.8	15.0	10.1
46.0	12.0	9.2	12.8	9.7	13.5	9.5	14.4	9.9	
140 (16.0)	20.0	15.8	11.6	16.6	12.0	17.8	12.0	18.8	12.3
	22.5	15.6	11.4	16.5	11.9	17.6	11.9	18.6	12.2
	25.0	15.5	11.4	16.4	11.9	17.4	11.8	18.4	12.1
	27.5	15.3	11.3	16.2	11.8	17.2	11.7	18.2	12.1
	30.0	15.0	11.1	16.0	11.7	17.0	11.6	18.0	12.0
	32.5	14.8	11.0	15.8	11.6	16.8	11.5	17.9	11.9
	35.0	14.6	10.9	15.6	11.5	16.5	11.4	17.6	11.8
	37.5	14.4	10.8	15.4	11.4	16.3	11.3	17.4	11.7
	40.0	14.2	10.8	15.2	11.3	16.1	11.2	17.2	11.6
46.0	13.7	10.5	14.6	11.1	15.4	10.9	16.5	11.3	
200 (22.4)	20.0	22.2	16.5	23.3	17.2	24.9	17.1	26.3	17.6
	22.5	21.9	16.4	23.1	17.1	24.6	17.0	26.0	17.5
	25.0	21.6	16.3	22.9	17.0	24.4	16.9	25.8	17.4
	27.5	21.4	16.1	22.7	16.9	24.1	16.8	25.5	17.3
	30.0	21.1	16.0	22.4	16.8	23.8	16.6	25.3	17.2
	32.5	20.7	15.8	22.1	16.7	23.5	16.5	25.0	17.1
	35.0	20.4	15.7	21.8	16.5	23.2	16.3	24.6	16.9
	37.5	20.2	15.5	21.5	16.4	22.8	16.2	24.4	16.8
	40.0	19.9	15.4	21.3	16.3	22.6	16.1	24.0	16.7
46.0	19.2	15.1	20.5	15.9	21.6	15.7	23.1	16.3	
250 (28.0)	20.0	27.7	20.6	29.1	21.4	31.2	21.3	32.8	21.9
	22.5	27.4	20.4	28.8	21.3	30.8	21.2	32.5	21.8
	25.0	27.0	20.2	28.6	21.2	30.5	21.0	32.2	21.6
	27.5	26.7	20.1	28.3	21.0	30.2	20.9	31.9	21.5
	30.0	26.3	19.9	28.0	20.9	29.7	20.7	31.6	21.4
	32.5	25.9	19.7	27.7	20.7	29.4	20.5	31.2	21.2
	35.0	25.5	19.5	27.3	20.5	29.0	20.3	30.8	21.0
	37.5	25.2	19.3	26.9	20.3	28.6	20.1	30.5	20.9
	40.0	24.9	19.2	26.6	20.2	28.2	20.0	30.0	20.7
46.0	23.9	18.7	25.6	19.7	27.0	19.5	28.8	20.2	

PEFY-P-VML-A/VMH-A

2-2.Heating Capacity (In combination with PUMY-125YM(A))

PEFY-P-VML-A,VMH-A

SHC:Sensible heat Capacity(kW)

Unit size	Outdoor air temp. °CWB	Indoor air temp.:°CDB		
		15.0	20.0	25.0
		SHC	SHC	SHC
20	-12.0	1.6	1.6	1.5
	-10.0	1.7	1.6	1.6
	-5.0	1.9	1.9	1.9
	0.0	2.2	2.1	2.1
	2.5	2.3	2.3	2.3
	6.0	2.5	2.5	2.5
	7.5	2.6	2.6	2.5
	10.0	2.8	2.7	2.5
	12.5	2.9	2.8	2.5
15.5	3.1	2.8	2.5	
25	-12.0	2.0	2.0	2.0
	-10.0	2.1	2.1	2.1
	-5.0	2.4	2.4	2.4
	0.0	2.8	2.8	2.7
	2.5	3.0	2.9	2.9
	6.0	3.2	3.2	3.2
	7.5	3.3	3.3	3.2
	10.0	3.5	3.5	3.2
	12.5	3.7	3.5	3.2
15.5	3.9	3.5	3.2	
32	-12.0	2.5	2.5	2.5
	-10.0	2.7	2.6	2.6
	-5.0	3.1	3.0	3.0
	0.0	3.5	3.4	3.4
	2.5	3.7	3.7	3.6
	6.0	4.0	4.0	3.9
	7.5	4.2	4.1	4.0
	10.0	4.4	4.4	4.0
	12.5	4.7	4.4	4.0
15.5	4.9	4.4	4.0	
40	-12.0	3.2	3.1	3.1
	-10.0	3.4	3.3	3.2
	-5.0	3.8	3.8	3.7
	0.0	4.3	4.3	4.2
	2.5	4.6	4.6	4.5
	6.0	5.0	5.0	4.9
	7.5	5.2	5.2	5.0
	10.0	5.5	5.5	5.0
	12.5	5.9	5.5	5.0
15.5	6.2	5.5	5.0	
50	-12.0	4.0	3.9	3.9
	-10.0	4.2	4.2	4.1
	-5.0	4.8	4.8	4.7
	0.0	5.5	5.4	5.3
	2.5	5.8	5.8	5.7
	6.0	6.3	6.3	6.2
	7.5	6.6	6.5	6.2
	10.0	7.0	6.9	6.2
	12.5	7.4	7.0	6.2
15.5	7.7	7.0	6.2	
63	-12.0	5.1	5.0	4.9
	-10.0	5.4	5.3	5.2
	-5.0	6.1	6.0	5.9
	0.0	6.9	6.9	6.8
	2.5	7.4	7.3	7.2
	6.0	8.0	8.0	7.9
	7.5	8.3	8.3	7.9
	10.0	8.8	8.8	7.9
	12.5	9.4	8.8	7.9
15.5	9.8	8.8	7.9	

Unit size	Outdoor air temp. °CWB	Indoor air temp.:°CDB		
		15.0	20.0	25.0
		SHC	SHC	SHC
71	-12.0	5.7	5.6	5.5
	-10.0	6.0	5.9	5.8
	-5.0	6.9	6.8	6.7
	0.0	7.8	7.7	7.6
	2.5	8.3	8.2	8.1
	6.0	9.1	9.0	8.9
	7.5	9.4	9.3	8.9
	10.0	9.9	9.9	8.9
	12.5	10.5	9.9	8.9
15.5	11.1	9.9	8.9	
80	-12.0	6.4	6.2	6.1
	-10.0	6.7	6.6	6.5
	-5.0	7.6	7.5	7.4
	0.0	8.7	8.6	8.5
	2.5	9.2	9.2	9.0
	6.0	10.1	10.0	9.9
	7.5	10.4	10.4	9.9
	10.0	11.1	11.0	9.9
	12.5	11.7	11.0	9.9
15.5	12.3	11.0	9.9	
100	-12.0	8.0	7.8	7.7
	-10.0	8.4	8.2	8.1
	-5.0	9.6	9.4	9.3
	0.0	10.9	10.7	10.6
	2.5	11.5	11.4	11.3
	6.0	12.6	12.5	12.3
	7.5	13.0	12.9	12.4
	10.0	13.8	13.7	12.4
	12.5	14.6	13.8	12.4
15.5	15.4	13.8	12.4	
125	-12.0	10.2	10.0	9.8
	-10.0	10.7	10.6	10.4
	-5.0	12.2	12.1	11.9
	0.0	13.9	13.8	13.6
	2.5	14.8	14.7	14.5
	6.0	16.1	16.0	15.8
	7.5	16.7	16.6	15.8
	10.0	17.7	17.6	15.8
	12.5	18.7	17.7	15.8
15.5	19.7	17.7	15.8	
140	-12.0	11.5	11.2	11.0
	-10.0	12.1	11.9	11.7
	-5.0	13.8	13.6	13.4
	0.0	15.6	15.5	15.3
	2.5	16.6	16.5	16.3
	6.0	18.1	18.0	17.8
	7.5	18.8	18.6	17.8
	10.0	19.9	19.8	17.8
	12.5	21.1	19.9	17.8
15.5	22.1	19.9	17.8	
200	-12.0	15.9	15.6	15.3
	-10.0	16.8	16.5	16.2
	-5.0	19.1	18.9	18.6
	0.0	21.7	21.5	21.2
	2.5	23.1	22.9	22.6
	6.0	25.1	25.0	24.7
	7.5	26.1	25.9	24.8
	10.0	27.6	27.5	24.8
	12.5	29.3	27.6	24.8
15.5	30.8	27.6	24.8	
250	-12.0	20.1	19.7	19.3
	-10.0	21.1	20.8	20.4
	-5.0	24.1	23.8	23.4
	0.0	27.3	27.1	26.7
	2.5	29.1	28.8	28.5
	6.0	31.7	31.5	31.1
	7.5	32.8	32.6	31.2
	10.0	34.8	34.6	31.2
	12.5	36.9	34.8	31.2
15.5	38.7	34.8	31.2	

2-3.Cooling Capacity (In combination with PU(H)Y,PURY-(P)200-250YMF-C)

PEFY-P-VML-A,VMH-A

CA:Capacity(kW)

SH:FSensible heat Capacity(kW)

Unit size	Outdoor air temp.	Indoor air temp.													
		21.5°CDB 15°CWB		23°CDB 16°CWB		25°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		30°CDB 22°CWB		32°CDB 24°CWB	
		°CDB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA
20 (2.2)	20.0	2.2	1.8	2.2	1.9	2.3	1.9	2.3	1.9	2.4	2.0	2.5	1.9	2.6	1.9
	22.5	2.1	1.8	2.2	1.9	2.3	1.8	2.3	1.9	2.4	1.9	2.4	1.9	2.5	1.9
	25.0	2.1	1.8	2.2	1.9	2.2	1.8	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.9
	27.5	2.1	1.8	2.1	1.9	2.2	1.8	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	30.0	2.1	1.8	2.1	1.9	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	32.5	2.0	1.8	2.1	1.8	2.2	1.8	2.2	1.8	2.3	1.9	2.4	1.9	2.4	1.8
	35.0	2.0	1.8	2.1	1.8	2.2	1.8	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.8
	37.5	2.0	1.8	2.0	1.8	2.1	1.8	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.8
	40.0	2.0	1.8	2.0	1.8	2.1	1.8	2.2	1.8	2.2	1.9	2.3	1.8	2.4	1.8
	43.0	2.0	1.7	2.0	1.8	2.1	1.8	2.1	1.8	2.2	1.9	2.3	1.8	2.3	1.8
25 (2.8)	20.0	2.7	2.2	2.8	2.2	2.9	2.2	3.0	2.2	3.0	2.3	3.1	2.2	3.2	2.2
	22.5	2.7	2.2	2.8	2.2	2.9	2.2	2.9	2.2	3.0	2.3	3.1	2.2	3.2	2.2
	25.0	2.7	2.1	2.7	2.2	2.9	2.2	2.9	2.2	3.0	2.3	3.1	2.2	3.2	2.1
	27.5	2.7	2.1	2.7	2.2	2.8	2.1	2.9	2.2	2.9	2.2	3.1	2.2	3.2	2.1
	30.0	2.6	2.1	2.7	2.2	2.8	2.1	2.9	2.2	2.9	2.2	3.0	2.2	3.1	2.1
	32.5	2.6	2.1	2.7	2.2	2.8	2.1	2.8	2.1	2.9	2.2	3.0	2.2	3.1	2.1
	35.0	2.6	2.1	2.6	2.1	2.7	2.1	2.8	2.1	2.9	2.2	3.0	2.2	3.1	2.1
	37.5	2.5	2.1	2.6	2.1	2.7	2.1	2.8	2.1	2.8	2.2	2.9	2.2	3.1	2.1
	40.0	2.5	2.1	2.6	2.1	2.7	2.1	2.7	2.1	2.8	2.2	2.9	2.1	3.0	2.1
	43.0	2.5	2.0	2.5	2.1	2.7	2.1	2.7	2.1	2.8	2.2	2.9	2.1	3.0	2.1
32 (3.6)	20.0	3.5	2.7	3.6	2.8	3.7	2.7	3.8	2.7	3.9	2.8	4.0	2.7	4.2	2.7
	22.5	3.5	2.7	3.6	2.7	3.7	2.7	3.8	2.7	3.9	2.8	4.0	2.7	4.1	2.7
	25.0	3.5	2.7	3.5	2.7	3.7	2.7	3.7	2.7	3.8	2.8	4.0	2.7	4.1	2.6
	27.5	3.4	2.6	3.5	2.7	3.6	2.7	3.7	2.7	3.8	2.8	3.9	2.7	4.1	2.6
	30.0	3.4	2.6	3.5	2.7	3.6	2.6	3.7	2.7	3.7	2.8	3.9	2.7	4.0	2.6
	32.5	3.3	2.6	3.4	2.7	3.6	2.6	3.6	2.7	3.7	2.7	3.9	2.7	4.0	2.6
	35.0	3.3	2.6	3.4	2.7	3.5	2.6	3.6	2.6	3.7	2.7	3.8	2.7	4.0	2.6
	37.5	3.3	2.6	3.3	2.6	3.5	2.6	3.6	2.6	3.6	2.7	3.8	2.7	3.9	2.6
	40.0	3.2	2.6	3.3	2.6	3.5	2.6	3.5	2.6	3.6	2.7	3.7	2.6	3.9	2.6
	43.0	3.2	2.5	3.3	2.6	3.4	2.6	3.5	2.6	3.6	2.7	3.7	2.6	3.8	2.6
40 (4.5)	20.0	4.4	3.3	4.5	3.4	4.7	3.3	4.8	3.4	4.9	3.5	5.0	3.4	5.2	3.3
	22.5	4.4	3.3	4.5	3.4	4.6	3.3	4.7	3.3	4.8	3.4	5.0	3.4	5.2	3.3
	25.0	4.3	3.3	4.4	3.4	4.6	3.3	4.7	3.3	4.8	3.4	5.0	3.3	5.1	3.2
	27.5	4.3	3.3	4.4	3.3	4.5	3.3	4.6	3.3	4.7	3.4	4.9	3.3	5.1	3.2
	30.0	4.2	3.2	4.3	3.3	4.5	3.2	4.6	3.3	4.7	3.4	4.9	3.3	5.0	3.2
	32.5	4.2	3.2	4.3	3.3	4.5	3.2	4.5	3.3	4.6	3.4	4.8	3.3	5.0	3.2
	35.0	4.1	3.2	4.2	3.3	4.4	3.2	4.5	3.2	4.6	3.3	4.8	3.3	5.0	3.2
	37.5	4.1	3.2	4.2	3.2	4.4	3.2	4.5	3.2	4.5	3.3	4.7	3.3	4.9	3.2
	40.0	4.1	3.1	4.1	3.2	4.3	3.2	4.4	3.2	4.5	3.3	4.7	3.2	4.9	3.2
	43.0	4.0	3.1	4.1	3.2	4.3	3.1	4.4	3.2	4.4	3.3	4.6	3.2	4.8	3.1
50 (5.6)	20.0	5.5	3.9	5.6	4.0	5.8	3.9	5.9	3.9	6.0	4.0	6.3	3.9	6.5	3.8
	22.5	5.4	3.9	5.5	3.9	5.8	3.9	5.9	3.9	6.0	4.0	6.2	3.9	6.4	3.8
	25.0	5.4	3.8	5.5	3.9	5.7	3.8	5.8	3.8	5.9	4.0	6.2	3.8	6.4	3.7
	27.5	5.3	3.8	5.4	3.9	5.7	3.8	5.8	3.8	5.9	3.9	6.1	3.8	6.3	3.7
	30.0	5.3	3.8	5.4	3.9	5.6	3.8	5.7	3.8	5.8	3.9	6.0	3.8	6.3	3.7
	32.5	5.2	3.8	5.3	3.8	5.5	3.7	5.7	3.8	5.8	3.9	6.0	3.8	6.2	3.7
	35.0	5.2	3.7	5.3	3.8	5.5	3.7	5.6	3.7	5.7	3.9	5.9	3.8	6.2	3.7
	37.5	5.1	3.7	5.2	3.8	5.4	3.7	5.5	3.7	5.7	3.8	5.9	3.7	6.1	3.6
	40.0	5.0	3.7	5.2	3.8	5.4	3.7	5.5	3.7	5.6	3.8	5.8	3.7	6.0	3.6
	43.0	5.0	3.6	5.1	3.7	5.3	3.6	5.4	3.7	5.5	3.8	5.8	3.7	6.0	3.6
63 (7.1)	20.0	7.0	5.1	7.1	5.2	7.4	5.1	7.5	5.1	7.7	5.3	8.0	5.2	8.2	5.0
	22.5	6.9	5.1	7.0	5.2	7.3	5.1	7.5	5.1	7.6	5.3	7.9	5.1	8.2	5.0
	25.0	6.8	5.0	7.0	5.2	7.2	5.0	7.4	5.1	7.5	5.2	7.8	5.1	8.1	5.0
	27.5	6.7	5.0	6.9	5.1	7.2	5.0	7.3	5.1	7.5	5.2	7.7	5.1	8.0	4.9
	30.0	6.7	5.0	6.8	5.1	7.1	5.0	7.2	5.0	7.4	5.2	7.7	5.0	8.0	4.9
	32.5	6.6	4.9	6.7	5.1	7.0	4.9	7.2	5.0	7.3	5.2	7.6	5.0	7.9	4.9
	35.0	6.5	4.9	6.7	5.0	7.0	4.9	7.1	5.0	7.2	5.1	7.5	5.0	7.8	4.9
	37.5	6.5	4.9	6.6	5.0	6.9	4.9	7.0	4.9	7.2	5.1	7.5	5.0	7.7	4.8
	40.0	6.4	4.8	6.5	5.0	6.8	4.9	7.0	4.9	7.1	5.1	7.4	4.9	7.7	4.8
	43.0	6.3	4.8	6.4	4.9	6.7	4.8	6.9	4.9	7.0	5.0	7.3	4.9	7.6	4.8

PEFY-P-VML-A/VMH-A

Cooling Capacity (In combination with PU(H)Y,PURY-(P)200-250YMF-C)

CA:Capacity(kW)
SHC:Sensible heat Capacity(kW)

PEFY-P-VML-A,VMH-A

Unit size	Outdoor air temp.	Indoor air temp.													
		21.5°CDB 15°CWB		23°CDB 16°CWB		25°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		30°CDB 22°CWB		32°CDB 24°CWB	
		°CDB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA
71 (8.0)	20.0	7.8	5.7	8.0	5.8	8.3	5.7	8.5	5.7	8.6	5.9	9.0	5.8	9.3	5.6
	22.5	7.8	5.7	7.9	5.8	8.2	5.7	8.4	5.7	8.6	5.9	8.9	5.7	9.2	5.6
	25.0	7.7	5.6	7.8	5.8	8.2	5.6	8.3	5.7	8.5	5.8	8.8	5.7	9.1	5.5
	27.5	7.6	5.6	7.8	5.7	8.1	5.6	8.2	5.6	8.4	5.8	8.7	5.7	9.0	5.5
	30.0	7.5	5.6	7.7	5.7	8.0	5.6	8.2	5.6	8.3	5.8	8.6	5.6	9.0	5.5
	32.5	7.4	5.5	7.6	5.6	7.9	5.5	8.1	5.6	8.2	5.7	8.6	5.6	8.9	5.4
	35.0	7.4	5.5	7.5	5.6	7.8	5.5	8.0	5.5	8.2	5.7	8.5	5.6	8.8	5.4
	37.5	7.3	5.4	7.4	5.6	7.8	5.5	7.9	5.5	8.1	5.7	8.4	5.5	8.7	5.4
	40.0	7.2	5.4	7.4	5.5	7.7	5.4	7.8	5.5	8.0	5.6	8.3	5.5	8.6	5.4
43.0	7.1	5.4	7.3	5.5	7.6	5.4	7.7	5.4	7.9	5.6	8.2	5.5	8.5	5.3	
80 (9.0)	20.0	8.8	6.5	9.0	6.6	9.4	6.5	9.5	6.5	9.7	6.7	10.1	6.5	10.4	6.3
	22.5	8.7	6.4	8.9	6.6	9.3	6.4	9.5	6.5	9.6	6.7	10.0	6.5	10.4	6.3
	25.0	8.6	6.4	8.8	6.5	9.2	6.4	9.4	6.4	9.5	6.6	9.9	6.4	10.3	6.3
	27.5	8.6	6.3	8.7	6.5	9.1	6.3	9.3	6.4	9.5	6.6	9.8	6.4	10.2	6.2
	30.0	8.5	6.3	8.6	6.4	9.0	6.3	9.2	6.3	9.4	6.5	9.7	6.4	10.1	6.2
	32.5	8.4	6.2	8.6	6.4	8.9	6.2	9.1	6.3	9.3	6.5	9.6	6.3	10.0	6.2
	35.0	8.3	6.2	8.5	6.3	8.8	6.2	9.0	6.3	9.2	6.5	9.5	6.3	9.9	6.1
	37.5	8.2	6.2	8.4	6.3	8.7	6.2	8.9	6.2	9.1	6.4	9.5	6.3	9.8	6.1
	40.0	8.1	6.1	8.3	6.3	8.6	6.1	8.8	6.2	9.0	6.4	9.4	6.2	9.7	6.1
43.0	8.0	6.1	8.2	6.2	8.5	6.1	8.7	6.1	8.9	6.3	9.3	6.2	9.6	6.0	
100 (11.2)	20.0	11.0	8.7	11.2	8.9	11.6	8.7	11.9	8.8	12.1	9.1	12.5	8.9	13.0	8.7
	22.5	10.9	8.6	11.1	8.9	11.5	8.7	11.8	8.8	12.0	9.1	12.4	8.9	12.9	8.6
	25.0	10.8	8.6	11.0	8.8	11.4	8.6	11.6	8.7	11.9	9.0	12.3	8.8	12.8	8.6
	27.5	10.6	8.5	10.9	8.8	11.3	8.6	11.5	8.7	11.8	9.0	12.2	8.8	12.7	8.6
	30.0	10.5	8.5	10.8	8.7	11.2	8.5	11.4	8.6	11.6	9.0	12.1	8.7	12.5	8.5
	32.5	10.4	8.4	10.6	8.6	11.1	8.5	11.3	8.6	11.5	8.9	12.0	8.7	12.4	8.5
	35.0	10.3	8.4	10.5	8.6	11.0	8.4	11.2	8.6	11.4	8.9	11.9	8.7	12.3	8.5
	37.5	10.2	8.3	10.4	8.5	10.9	8.4	11.1	8.5	11.3	8.8	11.8	8.6	12.2	8.4
	40.0	10.1	8.3	10.3	8.5	10.8	8.3	11.0	8.5	11.2	8.8	11.6	8.6	12.1	8.4
43.0	9.9	8.2	10.2	8.4	10.6	8.3	10.8	8.4	11.1	8.7	11.5	8.5	12.0	8.3	
125 (14.0)	20.0	13.7	10.0	14.0	10.2	14.6	10.0	14.8	10.1	15.1	10.4	15.7	10.1	16.2	9.8
	22.5	13.6	10.0	13.9	10.2	14.4	9.9	14.7	10.0	15.0	10.3	15.5	10.0	16.1	9.8
	25.0	13.4	9.9	13.7	10.1	14.3	9.9	14.6	10.0	14.8	10.3	15.4	10.0	16.0	9.7
	27.5	13.3	9.8	13.6	10.0	14.1	9.8	14.4	9.9	14.7	10.2	15.3	9.9	15.8	9.7
	30.0	13.2	9.8	13.4	10.0	14.0	9.8	14.3	9.8	14.6	10.1	15.1	9.9	15.7	9.6
	32.5	13.0	9.7	13.3	9.9	13.9	9.7	14.1	9.8	14.4	10.1	15.0	9.8	15.5	9.6
	35.0	12.9	9.6	13.2	9.8	13.7	9.6	14.0	9.7	14.3	10.0	14.8	9.8	15.4	9.5
	37.5	12.7	9.5	13.0	9.8	13.6	9.6	13.9	9.7	14.1	10.0	14.7	9.7	15.3	9.5
	40.0	12.6	9.5	12.9	9.7	13.4	9.5	13.7	9.6	14.0	9.9	14.6	9.7	15.1	9.4
43.0	12.4	9.4	12.7	9.6	13.3	9.4	13.6	9.5	13.8	9.8	14.4	9.6	15.0	9.4	
140 (16.0)	20.0	15.7	11.5	16.0	11.7	16.6	11.4	17.0	11.5	17.3	11.9	17.9	11.5	18.6	11.2
	22.5	15.5	11.4	15.8	11.6	16.5	11.4	16.8	11.4	17.1	11.8	17.8	11.5	18.4	11.2
	25.0	15.4	11.3	15.7	11.6	16.3	11.3	16.6	11.4	17.0	11.7	17.6	11.4	18.2	11.1
	27.5	15.2	11.2	15.5	11.5	16.2	11.2	16.5	11.3	16.8	11.7	17.4	11.4	18.1	11.0
	30.0	15.0	11.1	15.4	11.4	16.0	11.2	16.3	11.2	16.6	11.6	17.3	11.3	17.9	11.0
	32.5	14.9	11.1	15.2	11.3	15.8	11.1	16.2	11.2	16.5	11.5	17.1	11.2	17.8	10.9
	35.0	14.7	11.0	15.0	11.2	15.7	11.0	16.0	11.1	16.3	11.5	17.0	11.2	17.6	10.9
	37.5	14.6	10.9	14.9	11.2	15.5	10.9	15.8	11.0	16.2	11.4	16.8	11.1	17.4	10.8
	40.0	14.4	10.8	14.7	11.1	15.4	10.9	15.7	11.0	16.0	11.3	16.6	11.1	17.3	10.8
43.0	14.2	10.7	14.5	11.0	15.2	10.8	15.5	10.9	15.8	11.3	16.4	11.0	17.1	10.7	
200 (22.4)	20.0	22.0	16.4	22.4	16.8	23.3	16.4	23.7	16.5	24.2	17.1	25.1	16.6	26.0	16.2
	22.5	21.7	16.3	22.2	16.7	23.1	16.3	23.5	16.5	24.0	17.0	24.9	16.5	25.8	16.1
	25.0	21.5	16.2	22.0	16.6	22.8	16.2	23.3	16.4	23.7	16.9	24.6	16.5	25.5	16.0
	27.5	21.3	16.1	21.7	16.5	22.6	16.1	23.1	16.3	23.5	16.8	24.4	16.4	25.3	15.9
	30.0	21.1	16.0	21.5	16.4	22.4	16.0	22.8	16.2	23.3	16.7	24.2	16.3	25.1	15.9
	32.5	20.8	15.9	21.3	16.3	22.2	15.9	22.6	16.1	23.1	16.6	24.0	16.2	24.9	15.8
	35.0	20.6	15.8	21.1	16.1	22.0	15.8	22.4	16.0	22.8	16.5	23.7	16.1	24.6	15.7
	37.5	20.4	15.6	20.8	16.0	21.7	15.7	22.2	15.9	22.6	16.4	23.5	16.0	24.4	15.6
	40.0	20.2	15.5	20.6	15.9	21.5	15.6	22.0	15.8	22.4	16.3	23.3	16.0	24.2	15.5
43.0	19.9	15.4	20.3	15.8	21.2	15.5	21.7	15.7	22.1	16.2	23.0	15.9	23.9	15.5	
250 (28.0)	20.0	27.4	20.4	28.0	20.9	29.1	20.4	29.7	20.6	30.2	21.2	31.4	20.7	32.5	20.1
	22.5	27.2	20.3	27.7	20.7	28.8	20.3	29.4	20.4	30.0	21.1	31.1	20.5	32.2	20.0
	25.0	26.9	20.1	27.4	20.6	28.6	20.1	29.1	20.3	29.7	21.0	30.8	20.4	31.9	19.9
	27.5	26.6	20.0	27.2	20.5	28.3	20.0	28.8	20.2	29.4	20.9	30.5	20.3	31.6	19.8
	30.0	26.3	19.9	26.9	20.3	28.0	19.9	28.6	20.1	29.1	20.7	30.2	20.2	31.4	19.7
	32.5	26.0	19.7	26.6	20.2	27.7	19.8	28.3	20.0	28.8	20.6	30.0	20.1	31.1	19.6
	35.0	25.8	19.6	26.3	20.1	27.4	19.6	28.0	19.9	28.6	20.5	29.7	20.0	30.8	19.5
	37.5	25.5	19.4	26.0	19.9	27.2	19.5	27.7	19.7	28.3	20.4	29.4	19.9	30.5	19.4
	40.0	25.2	19.3	25.8	19.8	26.9	19.4	27.4	19.6	28.0	20.3	29.1	19.8	30.2	19.3
43.0	24.9	19.2	25.4	19.6	26.5	19.3	27.1	19.5	27.7	20.1	28.8	19.7	29.9	19.2	

PEFY-P-VML-A/VMH-A

2-4.Heating Capacity (In combination with PU(H)Y,PURY-(P)200-250YMF-C)

PEFY-P-VML-A,VMH-A

SHC:Sensible heat Capacity(kW)

Unit size	Outdoor air temp.	Indoor air temp.:°CDB			
		15.0	20.0	25.0	27.0
	°CWB	SHC	SHC	SHC	SHC
20	-15.0	1.7	1.6	1.6	1.6
	-10.0	1.9	1.9	1.9	1.7
	-5.0	2.1	2.1	2.0	1.7
	0.0	2.4	2.4	2.0	1.7
	2.5	2.5	2.5	2.0	1.7
	6.0	2.5	2.5	2.0	1.7
	7.5	2.6	2.5	2.0	1.7
	10.0	2.8	2.5	2.0	1.7
	12.5	3.0	2.5	2.0	1.7
15.5	3.0	2.5	2.0	1.7	
25	-15.0	2.1	2.1	2.1	2.1
	-10.0	2.4	2.4	2.4	2.2
	-5.0	2.7	2.7	2.5	2.2
	0.0	3.1	3.0	2.5	2.2
	2.5	3.2	3.2	2.5	2.2
	6.0	3.2	3.2	2.5	2.2
	7.5	3.4	3.2	2.5	2.2
	10.0	3.6	3.2	2.5	2.2
	12.5	3.8	3.2	2.5	2.2
15.5	3.9	3.2	2.5	2.2	
32	-15.0	2.7	2.6	2.6	2.6
	-10.0	3.1	3.0	3.0	2.8
	-5.0	3.4	3.4	3.1	2.8
	0.0	3.8	3.8	3.1	2.8
	2.5	4.0	4.0	3.1	2.8
	6.0	4.0	4.0	3.1	2.8
	7.5	4.2	4.0	3.1	2.8
	10.0	4.5	4.0	3.1	2.8
	12.5	4.8	4.0	3.1	2.8
15.5	4.8	4.0	3.1	2.8	
40	-15.0	3.3	3.3	3.3	3.3
	-10.0	3.8	3.8	3.7	3.5
	-5.0	4.3	4.2	3.9	3.5
	0.0	4.8	4.7	3.9	3.5
	2.5	5.0	5.0	3.9	3.5
	6.0	5.1	5.0	3.9	3.5
	7.5	5.3	5.0	3.9	3.5
	10.0	5.6	5.0	3.9	3.5
	12.5	6.0	5.0	3.9	3.5
15.5	6.1	5.0	3.9	3.5	
50	-15.0	4.2	4.2	4.1	4.1
	-10.0	4.8	4.8	4.7	4.3
	-5.0	5.4	5.3	4.9	4.3
	0.0	6.0	5.9	4.9	4.3
	2.5	6.3	6.2	4.9	4.3
	6.0	6.4	6.3	4.9	4.3
	7.5	6.6	6.3	4.9	4.3
	10.0	7.1	6.3	4.9	4.3
	12.5	7.5	6.3	4.9	4.3
15.5	7.6	6.3	4.9	4.3	
63	-15.0	5.4	5.3	5.2	5.2
	-10.0	6.1	6.0	6.0	5.5
	-5.0	6.9	6.8	6.2	5.5
	0.0	7.6	7.5	6.2	5.5
	2.5	8.0	7.9	6.2	5.5
	6.0	8.1	8.0	6.2	5.5
	7.5	8.4	8.0	6.2	5.5
	10.0	9.0	8.0	6.2	5.5
	12.5	9.6	8.0	6.2	5.5
15.5	9.7	8.0	6.2	5.5	

Unit size	Outdoor air temp.	Indoor air temp.:°CDB			
		15.0	20.0	25.0	27.0
	°CWB	SHC	SHC	SHC	SHC
71	-15.0	6.0	5.9	5.9	5.9
	-10.0	6.9	6.8	6.7	6.2
	-5.0	7.7	7.6	7.0	6.2
	0.0	8.6	8.5	7.0	6.2
	2.5	9.0	8.9	7.0	6.2
	6.0	9.1	9.0	7.0	6.2
	7.5	9.5	9.0	7.0	6.2
	10.0	10.1	9.0	7.0	6.2
	12.5	10.8	9.0	7.0	6.2
15.5	10.9	9.0	7.0	6.2	
80	-15.0	6.7	6.6	6.5	6.5
	-10.0	7.6	7.5	7.4	6.9
	-5.0	8.6	8.5	7.8	6.9
	0.0	9.5	9.4	7.8	6.9
	2.5	10.0	9.9	7.8	6.9
	6.0	10.1	10.0	7.8	6.9
	7.5	10.5	10.0	7.8	6.9
	10.0	11.2	10.0	7.8	6.9
	12.5	12.0	10.0	7.8	6.9
15.5	12.1	10.0	7.8	6.9	
100	-15.0	8.4	8.2	8.2	8.1
	-10.0	9.6	9.4	9.3	8.6
	-5.0	10.7	10.6	9.8	8.6
	0.0	11.9	11.8	9.8	8.6
	2.5	12.5	12.4	9.8	8.6
	6.0	12.6	12.5	9.8	8.6
	7.5	13.2	12.5	9.8	8.6
	10.0	14.1	12.5	9.8	8.6
	12.5	15.0	12.5	9.8	8.6
15.5	15.1	12.5	9.8	8.6	
125	-15.0	10.7	10.6	10.5	10.4
	-10.0	12.2	12.1	11.9	11.0
	-5.0	13.7	13.6	12.5	11.0
	0.0	15.3	15.1	12.5	11.0
	2.5	16.0	15.8	12.5	11.0
	6.0	16.2	16.0	12.5	11.0
	7.5	16.8	16.0	12.5	11.0
	10.0	18.0	16.0	12.5	11.0
	12.5	19.1	16.0	12.5	11.0
15.5	19.4	16.0	12.5	11.0	
140	-15.0	12.1	11.9	11.8	11.7
	-10.0	13.8	13.6	13.4	12.4
	-5.0	15.5	15.3	14.0	12.4
	0.0	17.2	17.0	14.0	12.4
	2.5	18.0	17.8	14.0	12.4
	6.0	18.2	18.0	14.0	12.4
	7.5	19.0	18.0	14.0	12.4
	10.0	20.2	18.0	14.0	12.4
	12.5	21.5	18.0	14.0	12.4
15.5	21.8	18.0	14.0	12.4	
200	-15.0	16.7	16.5	16.4	16.3
	-10.0	19.1	18.9	18.6	17.3
	-5.0	21.5	21.2	19.5	17.3
	0.0	23.8	23.6	19.5	17.3
	2.5	25.0	24.8	19.5	17.3
	6.0	25.3	25.0	19.5	17.3
	7.5	26.3	25.0	19.5	17.3
	10.0	28.1	25.0	19.5	17.3
	12.5	29.9	25.0	19.5	17.3
15.5	30.3	25.0	19.5	17.3	
250	-15.0	21.1	20.8	20.6	20.5
	-10.0	24.1	23.8	23.4	21.7
	-5.0	27.1	26.7	24.6	21.7
	0.0	30.0	29.7	24.6	21.7
	2.5	31.5	31.2	24.6	21.7
	6.0	31.8	31.5	24.6	21.7
	7.5	33.2	31.5	24.6	21.7
	10.0	35.4	31.5	24.6	21.7
	12.5	37.7	31.5	24.6	21.7
15.5	38.1	31.5	24.6	21.7	

PEFY-P-VML-A/VMH-A

2-5.Cooling capacity (In combination with PUHY-(P)315-400-500-600-650-700-750Y(S)MF-B,Y(S)MC)

CA:Capacity(kcal/h)

SHC:Sensible heat Capacity(kcal/h)

PEFY-P-VML-A,VMH-A

PEFY-P-VML-A/VMH-A

Unit size	Outdoor air temp.	Indoor air temp.													
		21.5°CDB 15°CWB		23°CDB 16°CWB		25°CDB 18°CWB		27°CDB 19.5°CWB		28°CDB 20°CWB		30°CDB 22°CWB		32°CDB 24°CWB	
		°CDB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA
20	20.0	1813	1558	1901	1629	2049	1626	2157	1680	2192	1738	2320	1715	2459	1690
	22.5	1813	1558	1894	1625	2031	1618	2131	1670	2164	1727	2290	1704	2424	1679
	25.0	1799	1551	1876	1617	2008	1609	2105	1659	2137	1717	2259	1693	2389	1667
	27.5	1784	1545	1857	1609	1985	1599	2079	1649	2110	1706	2229	1682	2354	1656
	30.0	1770	1538	1839	1601	1962	1590	2052	1639	2083	1696	2198	1671	2319	1644
	32.5	1755	1532	1821	1593	1939	1580	2026	1629	2055	1686	2167	1660	2285	1633
	35.0	1741	1525	1802	1585	1916	1571	2000	1619	2028	1675	2137	1650	2250	1622
	37.5	1726	1519	1784	1577	1893	1562	1974	1609	2001	1665	2106	1639	2215	1611
	40.0	1712	1512	1766	1569	1870	1552	1948	1598	1974	1655	2076	1628	2180	1600
	43.0	1695	1504	1744	1559	1843	1541	1916	1586	1941	1642	2039	1616	2139	1586
25	20.0	2266	1820	2377	1899	2561	1897	2697	1955	2740	2017	2900	1989	3073	1959
	22.5	2266	1820	2367	1895	2539	1887	2664	1942	2705	2004	2862	1975	3030	1944
	25.0	2248	1812	2345	1884	2510	1875	2631	1928	2671	1990	2824	1961	2986	1929
	27.5	2230	1803	2322	1874	2482	1863	2598	1915	2637	1976	2786	1947	2943	1915
	30.0	2212	1795	2299	1863	2453	1850	2566	1902	2603	1963	2748	1933	2899	1900
	32.5	2194	1786	2276	1853	2424	1838	2533	1889	2569	1949	2709	1919	2856	1885
	35.0	2176	1778	2253	1842	2395	1826	2500	1876	2535	1936	2671	1905	2812	1871
	37.5	2158	1769	2230	1832	2367	1814	2467	1862	2501	1923	2633	1891	2769	1856
	40.0	2140	1761	2207	1822	2338	1802	2434	1849	2467	1909	2595	1877	2725	1842
	43.0	2118	1751	2180	1809	2304	1787	2395	1834	2426	1893	2549	1861	2673	1824
32	20.0	2855	2233	2995	2328	3227	2326	3398	2395	3452	2468	3654	2433	3872	2396
	22.5	2855	2233	2983	2322	3199	2314	3357	2378	3409	2450	3606	2415	3817	2377
	25.0	2833	2222	2954	2309	3163	2298	3315	2361	3366	2433	3558	2397	3763	2358
	27.5	2810	2211	2925	2295	3127	2282	3274	2344	3323	2416	3510	2379	3708	2339
	30.0	2787	2201	2896	2282	3091	2267	3233	2327	3280	2398	3462	2361	3653	2320
	32.5	2765	2190	2868	2269	3055	2251	3191	2310	3237	2381	3414	2343	3598	2301
	35.0	2742	2179	2839	2255	3018	2235	3150	2293	3194	2364	3366	2325	3544	2282
	37.5	2719	2168	2810	2242	2982	2220	3109	2276	3151	2347	3318	2307	3489	2264
	40.0	2696	2157	2781	2229	2946	2204	3067	2260	3109	2330	3270	2290	3434	2245
	43.0	2669	2145	2746	2213	2902	2186	3018	2239	3057	2309	3212	2268	3368	2223
40	20.0	3625	2773	3803	2889	4098	2888	4315	2971	4383	3057	4640	3014	4917	2968
	22.5	3625	2773	3788	2882	4063	2872	4262	2948	4329	3035	4579	2991	4848	2943
	25.0	3597	2760	3751	2864	4017	2852	4210	2926	4274	3012	4518	2967	4778	2919
	27.5	3568	2746	3715	2847	3971	2832	4157	2904	4220	2990	4457	2944	4708	2894
	30.0	3539	2732	3678	2830	3925	2811	4105	2883	4165	2967	4396	2921	4639	2870
	32.5	3511	2718	3641	2813	3879	2791	4052	2861	4111	2945	4335	2898	4569	2846
	35.0	3482	2704	3605	2796	3833	2771	4000	2839	4056	2923	4274	2875	4500	2821
	37.5	3453	2690	3568	2779	3787	2751	3948	2817	4002	2901	4213	2852	4430	2797
	40.0	3424	2676	3531	2761	3741	2731	3895	2796	3947	2879	4152	2829	4361	2774
	43.0	3389	2660	3487	2741	3686	2707	3832	2770	3882	2853	4078	2802	4277	2745
50	20.0	4532	3258	4753	3386	5123	3391	5393	3477	5479	3566	5800	3514	6146	3459
	22.5	4532	3258	4735	3377	5078	3370	5328	3447	5411	3536	5724	3483	6059	3425
	25.0	4496	3240	4689	3354	5021	3343	5262	3418	5343	3506	5648	3452	5972	3393
	27.5	4460	3222	4643	3331	4963	3316	5197	3389	5275	3476	5571	3421	5886	3360
	30.0	4424	3203	4597	3308	4906	3289	5131	3360	5207	3446	5495	3390	5799	3327
	32.5	4388	3185	4552	3286	4848	3262	5066	3331	5139	3417	5419	3359	5712	3295
	35.0	4352	3166	4506	3263	4791	3235	5000	3302	5070	3387	5342	3328	5625	3263
	37.5	4316	3148	4460	3240	4734	3209	4934	3273	5002	3358	5266	3298	5538	3231
	40.0	4280	3130	4414	3218	4676	3183	4869	3244	4934	3329	5190	3268	5451	3199
	43.0	4237	3108	4359	3191	4607	3151	4790	3210	4852	3294	5098	3232	5347	3161
63	20.0	5710	4263	5989	4437	6455	4438	6796	4559	6904	4687	7309	4620	7744	4548
	22.5	5710	4263	5966	4425	6399	4412	6713	4524	6818	4651	7212	4582	7635	4508
	25.0	5665	4241	5908	4398	6326	4380	6630	4488	6732	4614	7116	4544	7525	4468
	27.5	5620	4219	5851	4370	6254	4347	6548	4453	6646	4578	7020	4507	7416	4429
	30.0	5574	4196	5793	4342	6181	4315	6465	4418	6560	4542	6924	4469	7306	4390
	32.5	5529	4174	5735	4315	6109	4282	6383	4383	6475	4506	6828	4432	7197	4350
	35.0	5484	4151	5677	4287	6037	4250	6300	4348	6389	4471	6731	4395	7087	4312
	37.5	5438	4129	5620	4260	5964	4218	6217	4313	6303	4435	6635	4358	6978	4273
	40.0	5393	4107	5562	4232	5892	4186	6135	4278	6217	4400	6539	4322	6868	4234
	43.0	5338	4080	5493	4200	5805	4147	6036	4237	6114	4358	6424	4278	6737	4189

Cooling capacity (In combination with PUHY-(P)315-400-500-600-650-700-750Y(S)MF-B,Y(S)MC)

CA:Capacity(kcal/h)

PEFY-P-VML-A,VMH-A

SHC:Sensible heat Capacity(kcal/h)

Unit size	Outdoor air temp.	Indoor air temp.													
		21.5°CDB 15°CWB		23°CDB 16°CWB		25°CDB 18°CWB		27°CDB 19.5°CWB		28°CDB 20°CWB		30°CDB 22°CWB		32°CDB 24°CWB	
		°CDB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA
71	20.0	6435	4764	6750	4956	7274	4959	7659	5093	7780	5233	8237	5157	8728	5077
	22.5	6435	4764	6724	4944	7211	4930	7566	5052	7684	5191	8128	5114	8604	5031
	25.0	6385	4739	6659	4912	7130	4893	7472	5012	7587	5150	8020	5071	8481	4986
	27.5	6334	4714	6593	4880	7048	4856	7379	4972	7490	5109	7911	5029	8358	4942
	30.0	6282	4688	6528	4849	6966	4819	7286	4932	7393	5068	7803	4986	8234	4897
	32.5	6231	4663	6463	4818	6885	4782	7193	4892	7297	5027	7695	4944	8111	4853
	35.0	6180	4637	6398	4786	6803	4745	7100	4852	7200	4987	7586	4902	7987	4808
	37.5	6129	4612	6333	4755	6722	4709	7007	4813	7103	4946	7478	4860	7864	4764
	40.0	6078	4587	6268	4724	6640	4672	6914	4773	7006	4906	7369	4818	7740	4721
43.0	6016	4557	6190	4687	6542	4629	6802	4726	6890	4858	7239	4769	7592	4669	
80	20.0	7251	5395	7605	5613	8196	5615	8629	5768	8767	5928	9281	5843	9834	5752
	22.5	7251	5395	7576	5599	8125	5583	8525	5723	8658	5882	9159	5795	9695	5701
	25.0	7194	5366	7503	5564	8033	5541	8420	5678	8549	5836	9036	5747	9556	5651
	27.5	7136	5338	7429	5528	7941	5500	8315	5633	8440	5790	8914	5699	9417	5601
	30.0	7079	5309	7356	5493	7849	5458	8210	5588	8331	5744	8792	5652	9278	5551
	32.5	7021	5281	7283	5458	7758	5417	8105	5543	8222	5698	8670	5604	9139	5501
	35.0	6963	5252	7209	5423	7666	5376	8000	5498	8113	5653	8548	5557	9000	5451
	37.5	6906	5224	7136	5388	7574	5335	7895	5454	8004	5608	8426	5510	8861	5402
	40.0	6848	5196	7063	5353	7482	5294	7790	5410	7895	5563	8304	5463	8722	5353
43.0	6779	5162	6975	5311	7371	5245	7664	5357	7764	5509	8157	5408	8555	5295	
100	20.0	9063	7285	9507	7601	10245	7593	10787	7826	10958	8074	11601	7962	12293	7844
	22.5	9063	7285	9470	7584	10157	7555	10656	7773	10822	8019	11448	7905	12119	7784
	25.0	8993	7252	9378	7542	10042	7505	10525	7720	10686	7965	11296	7849	11945	7725
	27.5	8920	7218	9287	7500	9927	7456	10393	7667	10550	7911	11143	7793	11771	7666
	30.0	8848	7184	9195	7458	9812	7408	10262	7614	10413	7857	10990	7737	11597	7607
	32.5	8776	7151	9103	7417	9697	7359	10131	7561	10277	7803	10837	7681	11423	7549
	35.0	8704	7117	9012	7375	9582	7310	10000	7509	10141	7749	10685	7626	11250	7490
	37.5	8632	7083	8920	7334	9467	7262	9869	7456	10005	7696	10532	7570	11076	7432
	40.0	8560	7050	8828	7293	9352	7214	9738	7404	9868	7643	10379	7515	10902	7374
43.0	8474	7010	8718	7243	9214	7156	9580	7342	9705	7579	10196	7449	10693	7305	
125	20.0	11329	8392	11883	8731	12807	8735	13484	8971	13698	9218	14501	9086	15366	8943
	22.5	11329	8392	11837	8709	12696	8684	13320	8900	13527	9145	14310	9010	15149	8864
	25.0	11241	8348	11723	8653	12552	8619	13156	8829	13357	9073	14119	8934	14931	8784
	27.5	11151	8303	11608	8598	12408	8554	12992	8758	13187	9001	13929	8859	14714	8706
	30.0	11060	8258	11494	8542	12265	8489	12828	8688	13017	8929	13738	8785	14497	8627
	32.5	10970	8214	11379	8487	12121	8424	12664	8618	12846	8857	13547	8710	14279	8549
	35.0	10880	8169	11265	8432	11977	8360	12500	8548	12676	8786	13356	8636	14062	8471
	37.5	10790	8125	11150	8378	11834	8296	12336	8478	12506	8715	13165	8563	13845	8394
	40.0	10700	8080	11035	8323	11690	8232	12172	8409	12335	8644	12974	8489	13627	8317
43.0	10592	8027	10898	8258	11518	8155	11975	8326	12131	8560	12745	8402	13367	8225	
140	20.0	12689	9465	13309	9850	14344	9852	15102	10122	15342	10406	16241	10256	17210	10095
	22.5	12689	9465	13258	9825	14219	9796	14918	10043	15151	10325	16028	10171	16966	10006
	25.0	12590	9416	13130	9763	14058	9723	14734	9964	14960	10244	15814	10088	16723	9918
	27.5	12489	9366	13001	9702	13897	9651	14551	9886	14769	10164	15600	10004	16480	9831
	30.0	12388	9316	12873	9640	13737	9579	14367	9807	14579	10084	15386	9921	16236	9743
	32.5	12287	9266	12745	9579	13576	9507	14184	9729	14388	10004	15172	9838	15993	9657
	35.0	12186	9217	12616	9518	13415	9435	14000	9652	14197	9925	14959	9756	15749	9570
	37.5	12085	9167	12488	9457	13254	9363	13816	9574	14006	9846	14745	9674	15506	9484
	40.0	11984	9118	12360	9396	13093	9292	13633	9497	13816	9767	14531	9593	15263	9399
43.0	11863	9059	12206	9323	12900	9207	13412	9405	13587	9673	14275	9495	14971	9296	
200	20.0	18126	13746	19013	14314	20491	14312	21574	14715	21916	15141	23202	14924	24585	14692
	22.5	18126	13746	18940	14279	20313	14232	21311	14604	21644	15027	22896	14805	24238	14567
	25.0	17985	13677	18756	14192	20083	14130	21049	14493	21372	14913	22591	14687	23890	14443
	27.5	17841	13606	18573	14105	19854	14028	20787	14382	21099	14800	22286	14570	23542	14320
	30.0	17697	13536	18390	14018	19624	13926	20525	14272	20827	14688	21980	14453	23195	14197
	32.5	17553	13466	18207	13931	19394	13825	20262	14162	20554	14575	21675	14337	22847	14075
	35.0	17408	13396	18023	13845	19164	13723	20000	14053	20282	14464	21370	14221	22499	13954
	37.5	17264	13326	17840	13759	18934	13623	19738	13944	20009	14352	21064	14105	22151	13832
	40.0	17120	13256	17657	13673	18704	13522	19475	13835	19737	14241	20759	13990	21804	13712
43.0	16947	13173	17437	13570	18428	13402	19161	13705	19410	14109	20392	13853	21387	13568	
250	20.0	22658	17092	23766	17795	25613	17794	26967	18291	27396	18815	29002	18544	30732	18256
	22.5	22658	17092	23675	17751	25392	17694	26639	18151	27055	18672	28621	18396	30297	18099
	25.0	22481	17005	23446	17641	25104	17566	26311	18012	26714	18529	28239	18248	29862	17944
	27.5	22301	16916	23216	17532	24817	17437	25984	17873	26374	18387	27857	18100	29428	17789
	30.0	22121	16828	22987	17423	24530	17310	25656	17734	26033	18246	27475	17954	28993	17635
	32.5	21941	16740	22758	17314	24242	17182	25328	17597	25693	18105	27094	17807	28559	17481
	35.0	21761	16652	22529	17206	23955	17055	25000	17459	25352	17965	26712	17662	28124	17328
	37.5	21580	16565	22300	17098	23668	16929	24672	17322	25011	17825	26330	17517	27689	17176
	40.0	21400	16477	22071	16990	23380	16803	24344	17186	24671	17686	25948	17373	27255	17025
43.0	21184	16373	21796	16862	23035	16652	23951	17023	24262	17519	25490	17200	26733	16844	

PEFY-P-VML-A/VMH-A

2-6.Heating capacity (In combination with PUHY-(P)315-400-500-600-650-700-750Y(S)MF-B,Y(S)MC)

PEFY-P-VML-A,VMH-A

SHC:Sensible heat Capacity(kcal/h)

Unit size	Outdoor air temp.	Indoor air temp.:°CDB			
		15	21	25	27
	°CWB	SHC	SHC	SHC	SHC
20	-15.0	1555	1532	1509	1500
	-10.0	1774	1751	1728	1601
	-5.0	1994	1970	1809	1601
	0.0	2213	2190	1809	1601
	2.5	2322	2250	1809	1601
	6.0	2343	2250	1809	1601
	7.5	2441	2250	1809	1601
	10.0	2605	2250	1809	1601
	12.5	2769	2250	1809	1601
	15.5	2807	2250	1809	1601
25	-15.0	1935	1907	1878	1866
	-10.0	2208	2179	2151	1992
	-5.0	2481	2452	2252	1992
	0.0	2754	2725	2252	1992
	2.5	2890	2800	2252	1992
	6.0	2915	2800	2252	1992
	7.5	3038	2800	2252	1992
	10.0	3242	2800	2252	1992
	12.5	3446	2800	2252	1992
	15.5	3493	2800	2252	1992
32	-15.0	2454	2417	2381	2366
	-10.0	2800	2763	2727	2525
	-5.0	3146	3109	2855	2525
	0.0	3491	3455	2855	2525
	2.5	3664	3550	2855	2525
	6.0	3696	3550	2855	2525
	7.5	3852	3550	2855	2525
	10.0	4111	3550	2855	2525
	12.5	4370	3550	2855	2525
	15.5	4428	3550	2855	2525
40	-15.0	3111	3064	3018	2999
	-10.0	3549	3503	3456	3201
	-5.0	3987	3941	3619	3201
	0.0	4426	4379	3619	3201
	2.5	4645	4500	3619	3201
	6.0	4686	4500	3619	3201
	7.5	4883	4500	3619	3201
	10.0	5211	4500	3619	3201
	12.5	5539	4500	3619	3201
	15.5	5613	4500	3619	3201
50	-15.0	3871	3813	3755	3732
	-10.0	4416	4359	4301	3984
	-5.0	4962	4904	4503	3984
	0.0	5508	5450	4503	3984
	2.5	5780	5600	4503	3984
	6.0	5831	5600	4503	3984
	7.5	6076	5600	4503	3984
	10.0	6484	5600	4503	3984
	12.5	6893	5600	4503	3984
	15.5	6986	5600	4503	3984
63	-15.0	4908	4835	4761	4732
	-10.0	5599	5526	5453	5051
	-5.0	6291	6218	5709	5051
	0.0	6983	6910	5709	5051
	2.5	7329	7100	5709	5051
	6.0	7393	7100	5709	5051
	7.5	7704	7100	5709	5051
	10.0	8221	7100	5709	5051
	12.5	8739	7100	5709	5051
	15.5	8857	7100	5709	5051

Unit size	Outdoor air temp.	Indoor air temp.:°CDB			
		15	21	25	27
	°CWB	SHC	SHC	SHC	SHC
71	-15.0	5530	5447	5365	5332
	-10.0	6309	6227	6144	5691
	-5.0	7089	7006	6433	5691
	0.0	7868	7786	6433	5691
	2.5	8258	8000	6433	5691
	6.0	8330	8000	6433	5691
	7.5	8680	8000	6433	5691
	10.0	9264	8000	6433	5691
	12.5	9847	8000	6433	5691
	15.5	9979	8000	6433	5691
80	-15.0	6221	6128	6036	5998
	-10.0	7098	7005	6912	6402
	-5.0	7975	7882	7237	6402
	0.0	8852	8759	7237	6402
	2.5	9290	9000	7237	6402
	6.0	9371	9000	7237	6402
	7.5	9765	9000	7237	6402
	10.0	10421	9000	7237	6402
	12.5	11078	9000	7237	6402
	15.5	11227	9000	7237	6402
100	-15.0	7742	7626	7511	7465
	-10.0	8833	8718	8602	7967
	-5.0	9924	9809	9006	7967
	0.0	11015	10900	9006	7967
	2.5	11561	11200	9006	7967
	6.0	11662	11200	9006	7967
	7.5	12152	11200	9006	7967
	10.0	12969	11200	9006	7967
	12.5	13786	11200	9006	7967
	15.5	13971	11200	9006	7967
125	-15.0	9677	9533	9389	9331
	-10.0	11041	10897	10753	9959
	-5.0	12405	12261	11258	9959
	0.0	13769	13625	11258	9959
	2.5	14451	14000	11258	9959
	6.0	14577	14000	11258	9959
	7.5	15190	14000	11258	9959
	10.0	16211	14000	11258	9959
	12.5	17232	14000	11258	9959
	15.5	17464	14000	11258	9959
140	-15.0	11060	10895	10730	10664
	-10.0	12619	12454	12289	11381
	-5.0	14177	14012	12866	11381
	0.0	15736	15571	12866	11381
	2.5	16515	16000	12866	11381
	6.0	16660	16000	12866	11381
	7.5	17360	16000	12866	11381
	10.0	18527	16000	12866	11381
	12.5	19694	16000	12866	11381
	15.5	19959	16000	12866	11381
200	-15.0	15484	15253	15022	14929
	-10.0	17666	17435	17204	15934
	-5.0	19848	19617	18012	15934
	0.0	22031	21800	18012	15934
	2.5	23122	22400	18012	15934
	6.0	23324	22400	18012	15934
	7.5	24304	22400	18012	15934
	10.0	25938	22400	18012	15934
	12.5	27572	22400	18012	15934
	15.5	27942	22400	18012	15934
250	-15.0	19355	19066	18777	18662
	-10.0	22082	21794	21505	19918
	-5.0	24810	24522	22515	19918
	0.0	27538	27249	22515	19918
	2.5	28902	28000	22515	19918
	6.0	29155	28000	22515	19918
	7.5	30380	28000	22515	19918
	10.0	32422	28000	22515	19918
	12.5	34465	28000	22515	19918
	15.5	34928	28000	22515	19918

PEFY-P-VML-A/VMH-A

2-7.Cooling Capacity (In combination with PQRV-P200-250YMF-B)

PEFY-P-VML-A,VMH-A

CA:Capacity(kcal/h)

SHC:Sensible heat Capacity(kcal/h)

Unit size	Water temp. °C	Indoor air temp.													
		21.5°CDB 15°CWB		23°CDB 16°CWB		25°CDB 18°CWB		27°CDB 19.5°CWB		28°CDB 20°CWB		30°CDB 22°CWB		32°CDB 24°CWB	
		CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
20	10	1914	1604	1980	1664	2105	1649	2200	1697	2229	1752	2354	1727	2486	1699
	20	1844	1572	1908	1632	2029	1617	2120	1665	2148	1721	2268	1696	2396	1669
	30	1740	1525	1800	1584	1914	1570	2000	1619	2026	1674	2140	1651	2260	1625
	40	1514	1424	1566	1483	1665	1470	1740	1519	1763	1576	1862	1554	1966	1531
	45	1427	1386	1476	1445	1569	1432	1640	1482	1661	1538	1755	1518	1853	1496
25	10	2393	1880	2475	1944	2632	1927	2750	1977	2786	2036	2943	2005	3108	1971
	20	2306	1839	2385	1903	2536	1886	2650	1936	2684	1995	2836	1965	2995	1932
	30	2175	1777	2250	1841	2393	1825	2500	1876	2533	1935	2675	1906	2825	1875
	40	1892	1647	1958	1711	2081	1695	2175	1747	2203	1807	2327	1782	2458	1754
	45	1784	1598	1845	1661	1962	1647	2050	1699	2077	1759	2194	1735	2317	1708
32	10	3015	2310	3119	2386	3316	2365	3465	2423	3510	2492	3708	2453	3915	2411
	20	2905	2257	3005	2333	3195	2312	3339	2371	3382	2440	3573	2402	3773	2361
	30	2741	2178	2835	2254	3015	2234	3150	2293	3191	2362	3371	2327	3560	2288
	40	2384	2012	2466	2087	2623	2068	2741	2129	2776	2199	2932	2167	3097	2133
	45	2247	1949	2325	2024	2472	2006	2583	2067	2617	2138	2764	2107	2919	2074
40	10	3828	2873	3960	2964	4211	2938	4400	3007	4457	3088	4708	3040	4972	2988
	20	3689	2804	3816	2895	4058	2870	4240	2939	4295	3021	4537	2974	4791	2923
	30	3480	2703	3600	2793	3828	2769	4000	2839	4052	2921	4280	2877	4520	2828
	40	3028	2489	3132	2579	3330	2556	3480	2628	3525	2711	3724	2672	3932	2628
	45	2854	2409	2952	2498	3139	2476	3280	2549	3323	2632	3510	2595	3706	2554
50	10	4785	3390	4950	3486	5264	3458	5500	3525	5572	3607	5885	3549	6215	3485
	20	4611	3300	4770	3395	5072	3367	5300	3435	5369	3518	5671	3461	5989	3399
	30	4350	3165	4500	3260	4785	3233	5000	3302	5065	3385	5350	3331	5650	3272
	40	3785	2884	3915	2977	4163	2951	4350	3023	4407	3107	4655	3060	4916	3007
	45	3567	2778	3690	2872	3924	2847	4100	2919	4153	3004	4387	2958	4633	2908
63	10	6029	4423	6237	4557	6632	4519	6930	4618	7020	4737	7415	4662	7831	4579
	20	5810	4313	6010	4447	6391	4409	6678	4509	6765	4628	7145	4556	7546	4476
	30	5481	4150	5670	4284	6029	4247	6300	4348	6382	4468	6741	4399	7119	4323
	40	4768	3807	4933	3939	5245	3905	5481	4009	5552	4131	5865	4069	6194	4002
	45	4494	3678	4649	3810	4944	3777	5166	3882	5233	4004	5528	3945	5838	3881
71	10	6795	4946	7029	5093	7474	5051	7810	5159	7912	5289	8357	5205	8825	5113
	20	6548	4821	6773	4968	7202	4926	7526	5035	7624	5166	8053	5084	8504	4995
	30	6177	4636	6390	4783	6795	4742	7100	4852	7192	4984	7597	4906	8023	4821
	40	5374	4247	5559	4392	5911	4354	6177	4467	6257	4601	6609	4532	6980	4456
	45	5065	4101	5240	4246	5572	4208	5822	4324	5898	4458	6230	4392	6579	4320
80	10	7656	5598	7920	5767	8422	5718	8800	5842	8914	5992	9416	5897	9944	5792
	20	7378	5458	7632	5626	8115	5578	8480	5704	8590	5853	9074	5762	9582	5660
	30	6960	5251	7200	5418	7656	5372	8000	5499	8104	5649	8560	5562	9040	5466
	40	6055	4814	6264	4980	6661	4936	6960	5067	7050	5220	7447	5142	7865	5056
	45	5707	4650	5904	4816	6278	4774	6560	4905	6645	5059	7019	4985	7413	4903
100	10	9570	7526	9900	7782	10527	7714	11000	7913	11143	8148	11770	8025	12430	7891
	20	9222	7360	9540	7616	10144	7549	10600	7750	10738	7986	11342	7866	11978	7736
	30	8700	7115	9000	7370	9570	7305	10000	7509	10130	7745	10700	7631	11300	7507
	40	7569	6595	7830	6849	8326	6789	8700	6997	8813	7236	9309	7134	9831	7023
	45	7134	6399	7380	6653	7847	6594	8200	6805	8307	7044	8774	6947	9266	6841
125	10	11963	8712	12375	8972	13159	8897	13750	9088	13929	9317	14713	9170	15538	9007
	20	11528	8492	11925	8752	12680	8677	13250	8870	13422	9101	14178	8957	14973	8799
	30	10875	8167	11250	8425	11963	8353	12500	8548	12663	8780	13375	8644	14125	8494
	40	9461	7482	9788	7738	10407	7670	10875	7871	11016	8106	11636	7985	12289	7852
	45	8918	7225	9225	7481	9809	7415	10250	7618	10383	7854	10968	7738	11583	7612
140	10	13398	9820	13860	10118	14738	10032	15400	10252	15600	10516	16478	10349	17402	10165
	20	12911	9576	13356	9873	14202	9788	14840	10010	15033	10275	15879	10113	16769	9935
	30	12180	9214	12600	9510	13398	9427	14000	9652	14182	9918	14980	9764	15820	9595
	40	10597	8450	10962	8744	11656	8667	12180	8898	12338	9168	13033	9031	13763	8881
	45	9988	8164	10332	8457	10986	8382	11480	8616	11629	8887	12284	8756	12972	8613
200	10	19140	14246	19800	14692	21054	14565	22000	14898	22286	15296	23540	15055	24860	14791
	20	18444	13902	19080	14346	20288	14221	21200	14557	21476	14957	22684	14723	23956	14467
	30	17400	13392	18000	13834	19140	13713	20000	14053	20260	14455	21400	14232	22600	13989
	40	15138	12314	15660	12753	16652	12640	17400	12990	17626	13397	18618	13198	19662	12982
	45	14268	11909	14760	12348	15695	12238	16400	12591	16613	13000	17548	12810	18532	12604
250	10	23925	17720	24750	18269	26318	18112	27500	18520	27858	19010	29425	18710	31075	18380
	20	23055	17288	23850	17835	25361	17680	26500	18092	26845	18584	28355	18293	29945	17973
	30	21750	16647	22500	17192	23925	17042	25000	17459	25325	17954	26750	17676	28250	17373
	40	18923	15295	19575	15836	20815	15696	21750	16125	22033	16626	23273	16378	24578	16108
	45	17835	14788	18450	15328	19619	15192	20500	15625	20767	16128	21935	15892	23165	15635

PEFY-P-VML-A/VMH-A

2-8.Heating Capacity (In combination with PQRV-P200-250YMF-B)

PEFY-P-VML-A,VMH-A

SHC:Sensible heat Capacity(kcal/h)

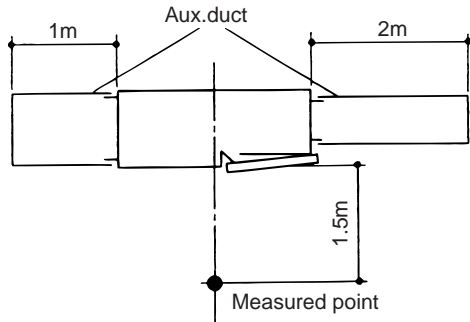
Unit size	Water temp.	Indoor air temp.:°CDB			
		15	21	25	27
	°C	SHC	SHC	SHC	SHC
20	10	1951	1913	1549	1377
	20	2295	2250	1823	1620
	30	2295	2250	1823	1620
	40	2387	2340	1895	1685
	45	2616	2565	2078	1847
25	10	2428	2380	1928	1714
	20	2856	2800	2268	2016
	30	2856	2800	2268	2016
	40	2970	2912	2359	2097
	45	3256	3192	2586	2298
32	10	3078	3018	2444	2173
	20	3621	3550	2876	2556
	30	3621	3550	2876	2556
	40	3766	3692	2991	2658
	45	4128	4047	3278	2914
40	10	3902	3825	3098	2754
	20	4590	4500	3645	3240
	30	4590	4500	3645	3240
	40	4774	4680	3791	3370
	45	5233	5130	4155	3694
50	10	4855	4760	3856	3427
	20	5712	5600	4536	4032
	30	5712	5600	4536	4032
	40	5940	5824	4717	4193
	45	6512	6384	5171	4596
63	10	6156	6035	4888	4345
	20	7242	7100	5751	5112
	30	7242	7100	5751	5112
	40	7532	7384	5981	5316
	45	8256	8094	6556	5828

Unit size	Water temp.	Indoor air temp.:°CDB			
		15	21	25	27
	°C	SHC	SHC	SHC	SHC
71	10	6936	6800	5508	4896
	20	8160	8000	6480	5760
	30	8160	8000	6480	5760
	40	8486	8320	6739	5990
	45	9302	9120	7387	6566
80	10	7803	7650	6197	5508
	20	9180	9000	7290	6480
	30	9180	9000	7290	6480
	40	9547	9360	7582	6739
	45	10465	10260	8311	7387
100	10	9710	9520	7711	6854
	20	11424	11200	9072	8064
	30	11424	11200	9072	8064
	40	11881	11648	9435	8387
	45	13023	12768	10342	9193
125	10	12138	11900	9639	8568
	20	14280	14000	11340	10080
	30	14280	14000	11340	10080
	40	14851	14560	11794	10483
	45	16279	15960	12928	11491
140	10	13872	13600	11016	9792
	20	16320	16000	12960	11520
	30	16320	16000	12960	11520
	40	16973	16640	13478	11981
	45	18605	18240	14774	13133
200	10	19421	19040	15422	13709
	20	22848	22400	18144	16128
	30	22848	22400	18144	16128
	40	23762	23296	18870	16773
	45	26047	25536	20684	18386
250	10	24276	23800	19278	17136
	20	28560	28000	22680	20160
	30	28560	28000	22680	20160
	40	29702	29120	23587	20966
	45	32558	31920	25855	22982

3. Sound levels

3-1. Noise level(VML-A)

① Rear inlet model1

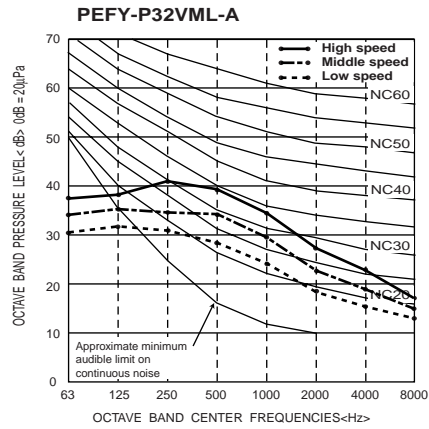
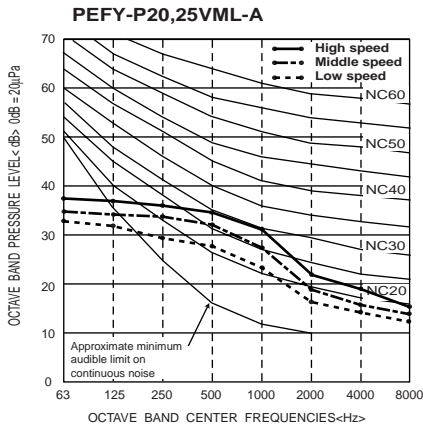


Noise level at anechoic room (Low-Mid-High) Unit : dB(A)

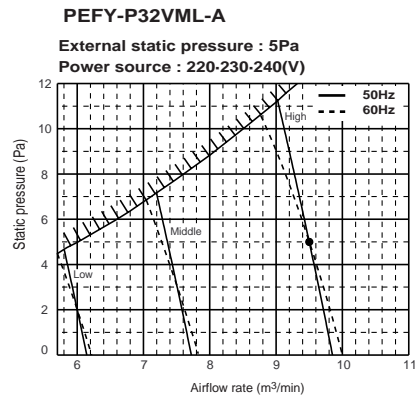
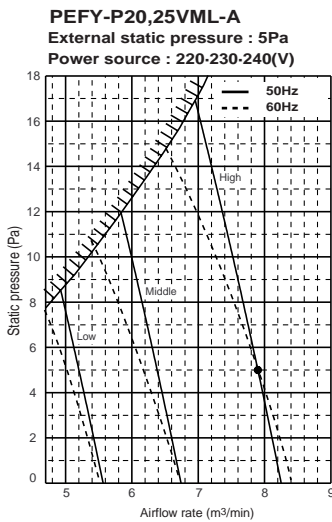
Model	Noise level (A weighted)
PEFY-P20VML-A	29-33-36
PEFY-P25VML-A	29-33-36
PEFY-P32VML-A	30-35-40

PEFY-P-VML-A/VMH-A

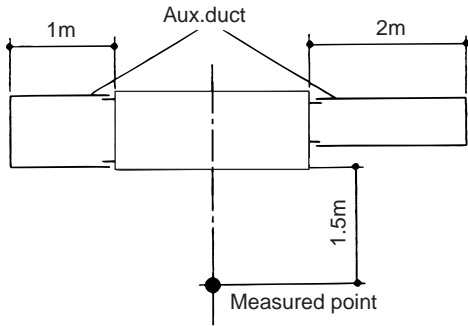
3-2. NC curves(VML-A)



3-3. Fan characteristics curves(VML-A)



3-4. Noise level(VMH-A)



Noise level at anechoic room (Low-High)

Unit : dB(A)

Model	External static pressure*	External static pressure*		
		Low	Mid	High
PEFY-P40, 50 VMH-A	220V	25-30	27-34	30-40
	230, 240V	30-34	31-37	31-41
PEFY- P63VMH-A	220V	31-36	32-38	36-43
	230, 240V	35-39	36-41	38-44
PEFY- P71VMH-A	220V	30-36	32-39	35-43
	230, 240V	34-39	35-41	37-44
PEFY- P80VMH-A	220V	32-39	35-41	37-43
	230, 240V	37-41	38-43	39-45
PEFY-P100, 125, 140VMH-A	220V	32-40	34-42	36-46
	230, 240V	36-42	38-44	38-47
PEFY- P200VMH-A	380V	42	-	45
	400, 415V	44	-	47
PEFY- P250VMH-A	380V	50	-	52
	400, 415V	52	-	54

* PEFY-P40~140VMH-A

Low : 50Pa (at 220V) / 100Pa (at 230, 240V)

Mid : 100Pa (at 220V) / 150Pa (at 230, 240V)

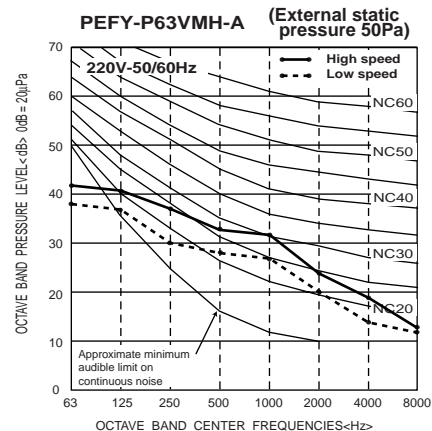
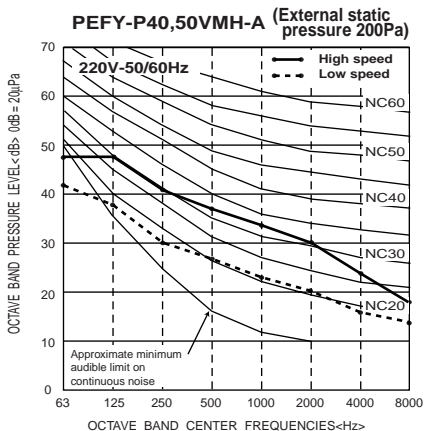
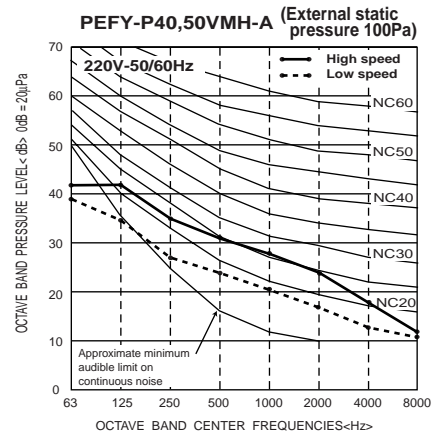
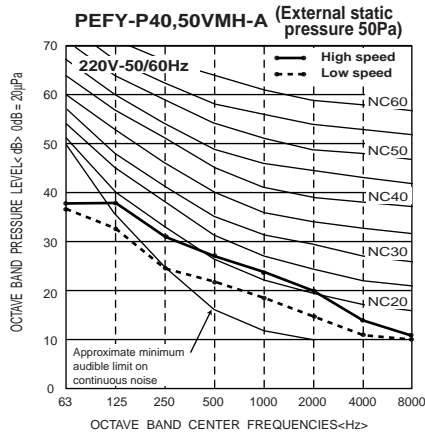
High : 200Pa (at 220, 230, 240V)

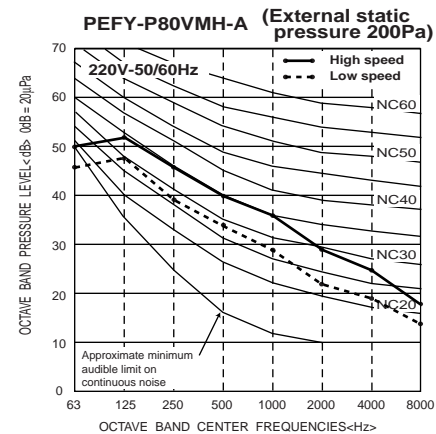
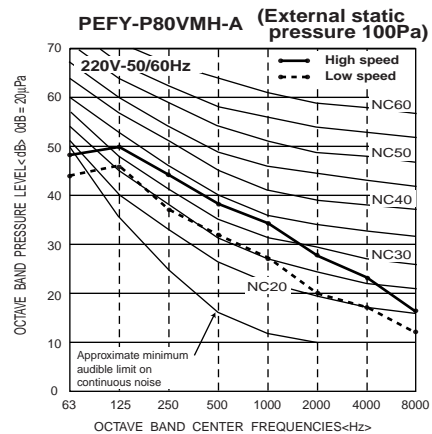
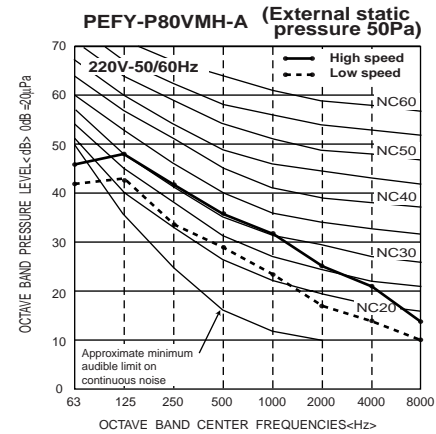
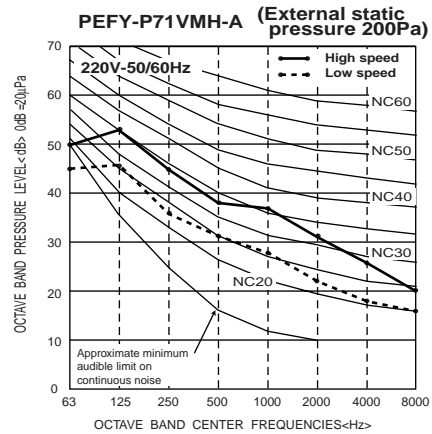
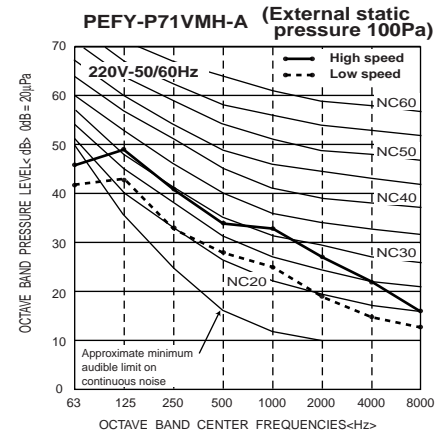
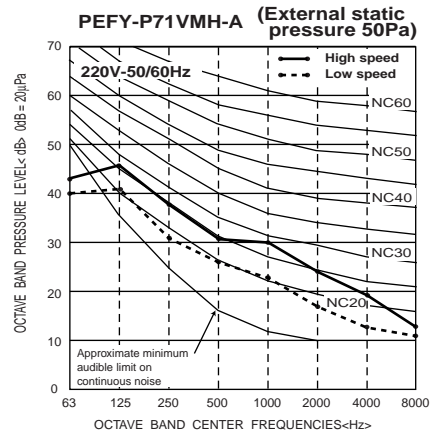
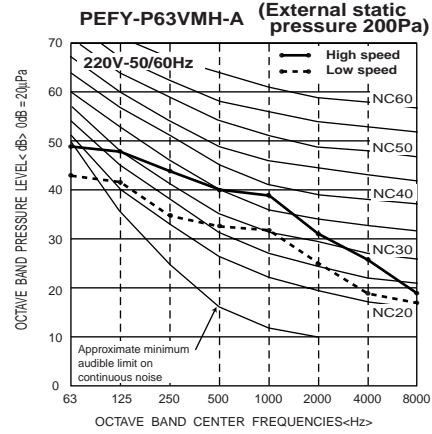
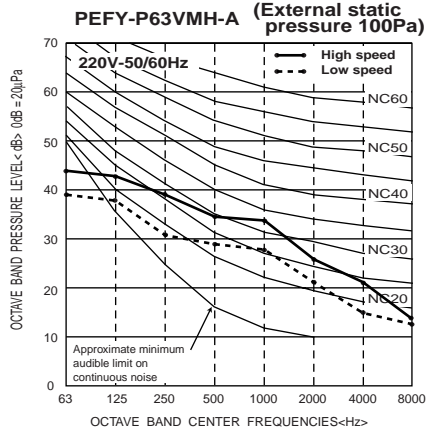
* PEFY-P200, 250VMH-A

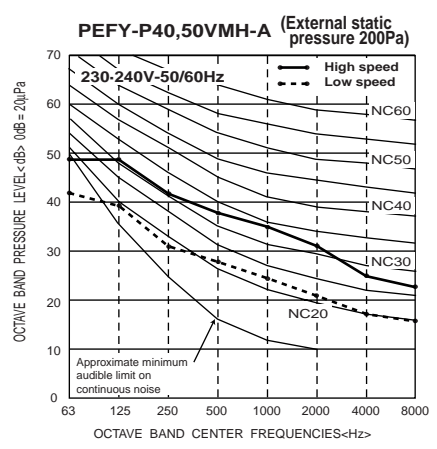
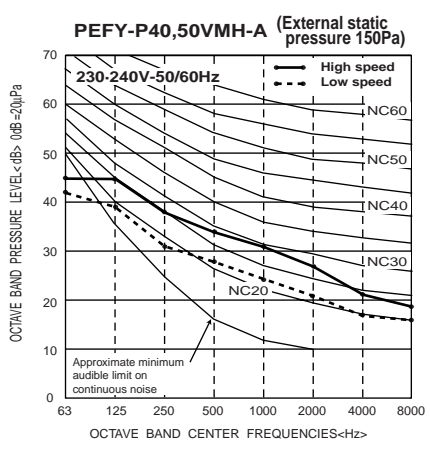
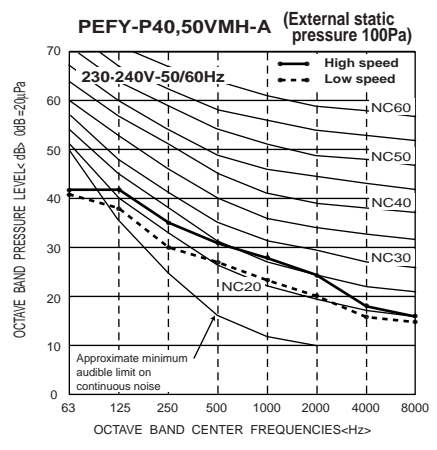
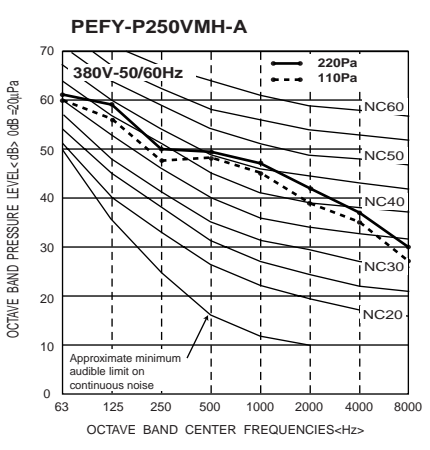
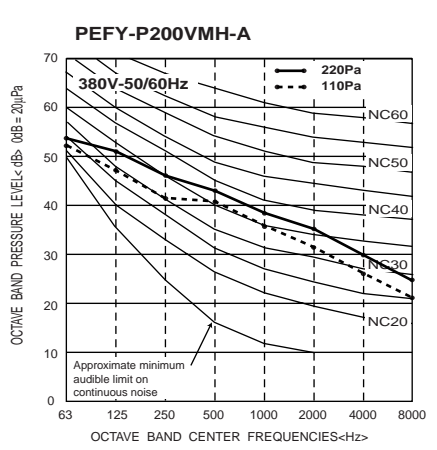
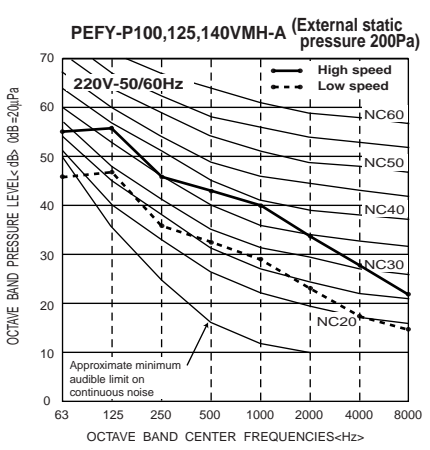
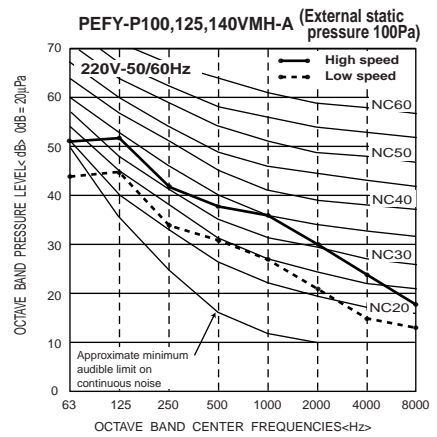
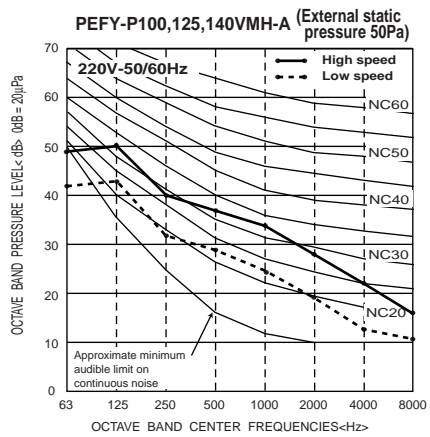
Low : 110Pa (at 380V) / 130Pa (at 400, 415V)

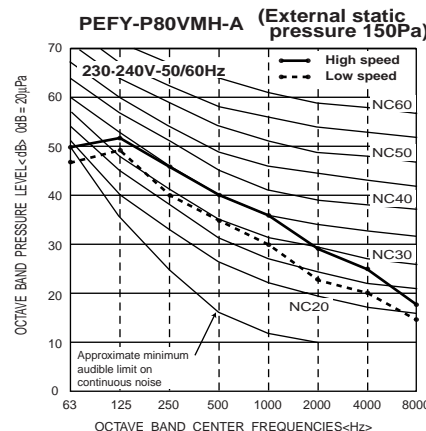
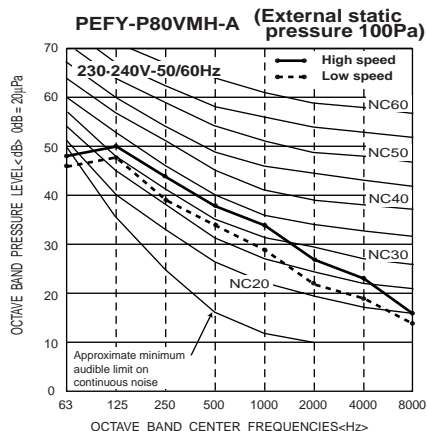
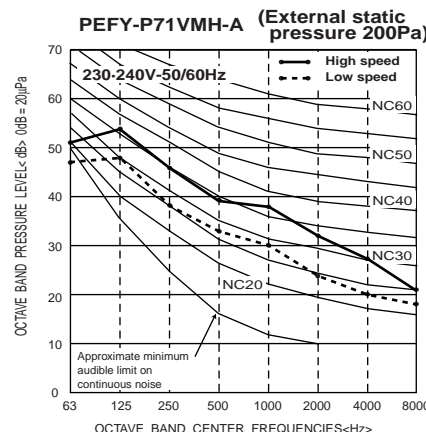
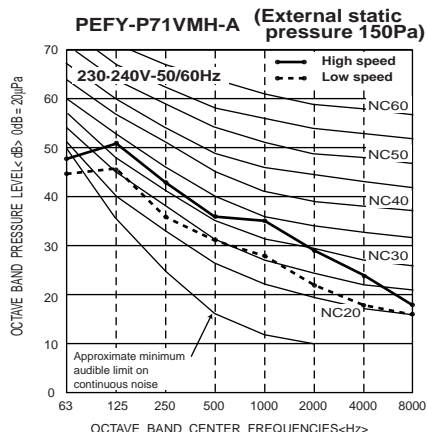
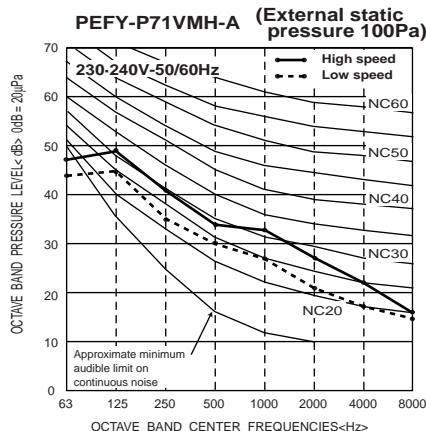
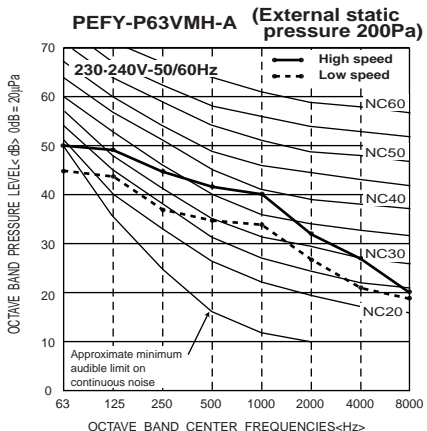
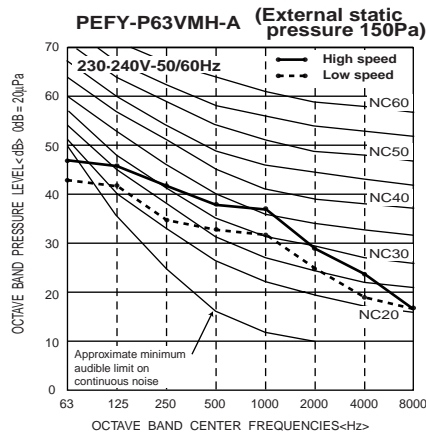
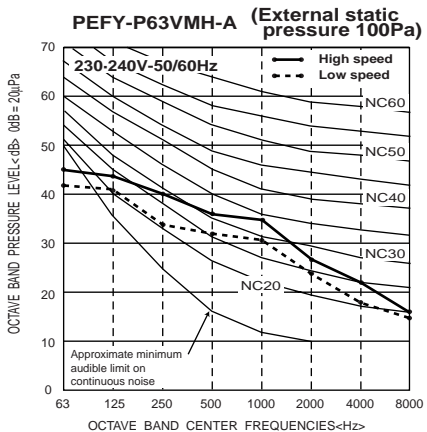
High : 220Pa (at 380V) / 260Pa (at 400, 415V)

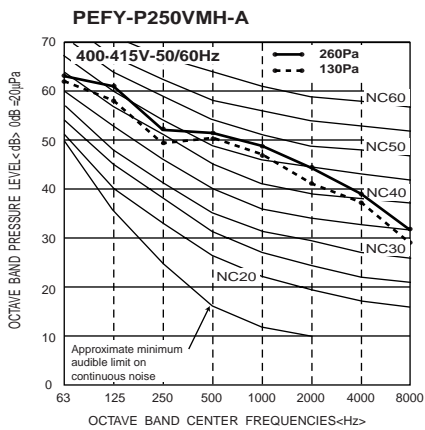
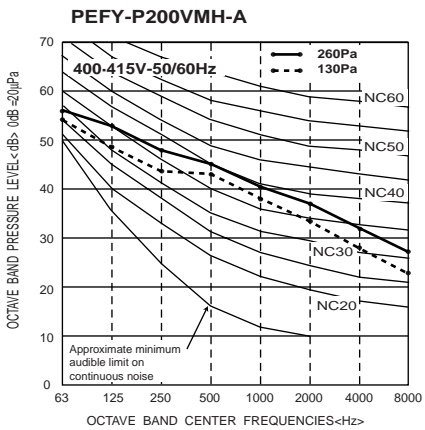
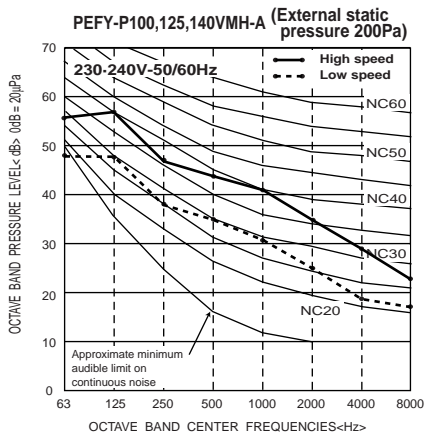
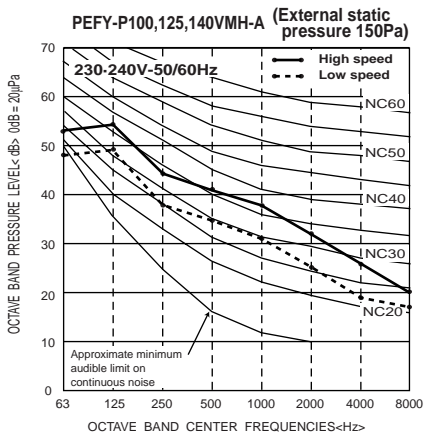
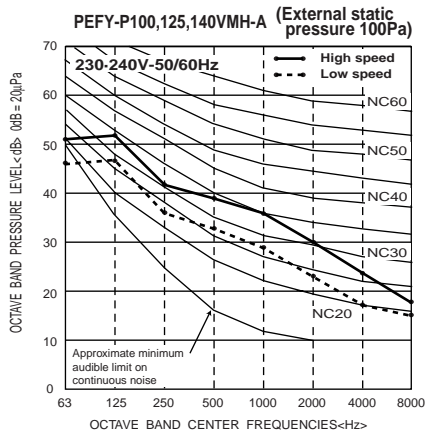
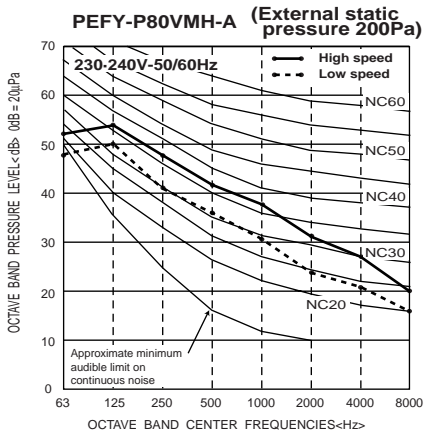
3-5. NC curves(VMH-A)





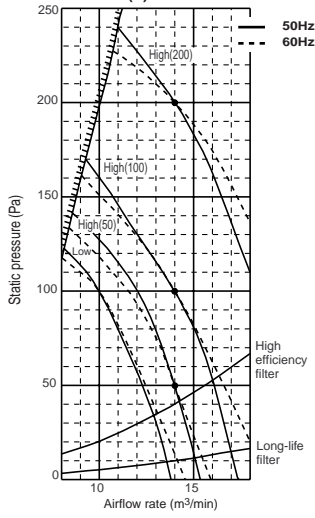




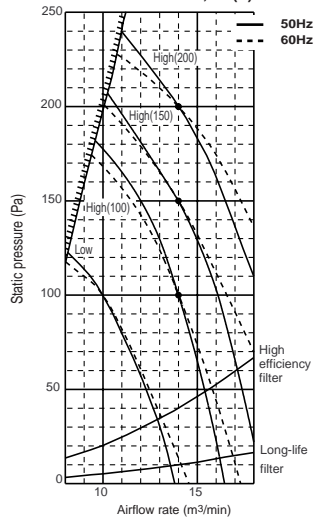


3-6. Fan characteristics curves(VMH-A)

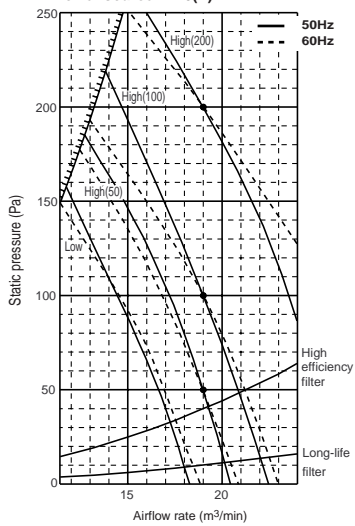
PEFY-P40,50VMH-A
 Suction : Back inlet
 External static pressure : 50,100,200Pa
 Power source : 220(V)



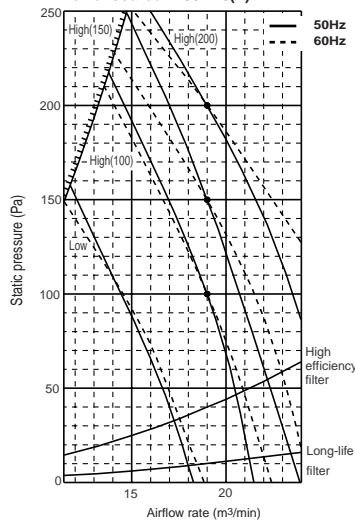
PEFY-P40,50VMH-A
 Suction : Back inlet
 External static pressure : 100,150,200Pa
 Power source : 230,240(V)



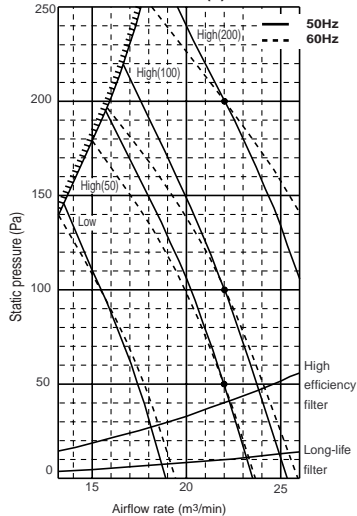
PEFY-P63VMH-A
 Suction : Back inlet
 External static pressure : 50,100,200Pa
 Power source : 220(V)



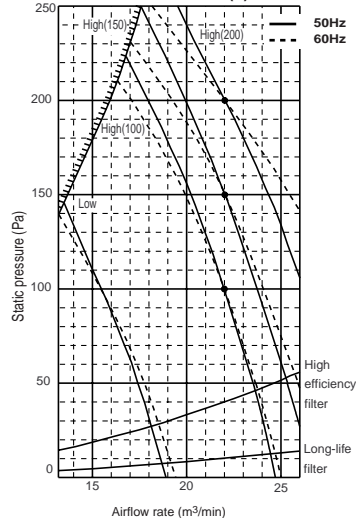
PEFY-P63VMH-A
 Suction : Back inlet
 External static pressure : 100,150,200Pa
 Power source : 230-240(V)



PEFY-P71VMH-A
 Suction : Back inlet
 External static pressure : 50,100,200Pa
 Power source : 220(V)



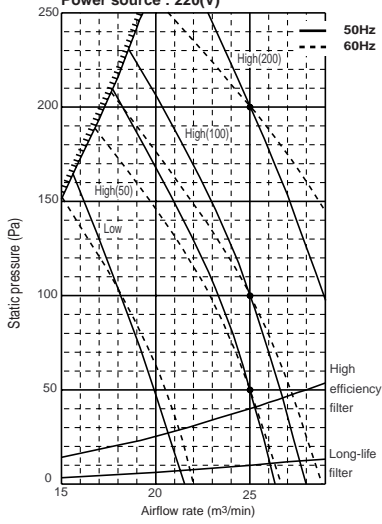
PEFY-P71VMH-A
 Suction : Back inlet
 External static pressure : 100,150,200Pa
 Power source : 230-240(V)



PEFY-P-VML-A/VMH-A

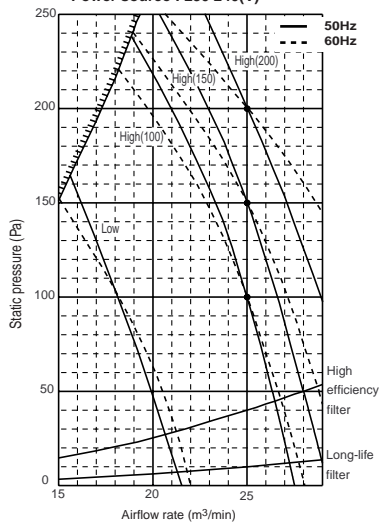
PEFY-P80VMH-A

Suction : Back inlet
External static pressure : 50,100,200Pa
Power source : 220(V)



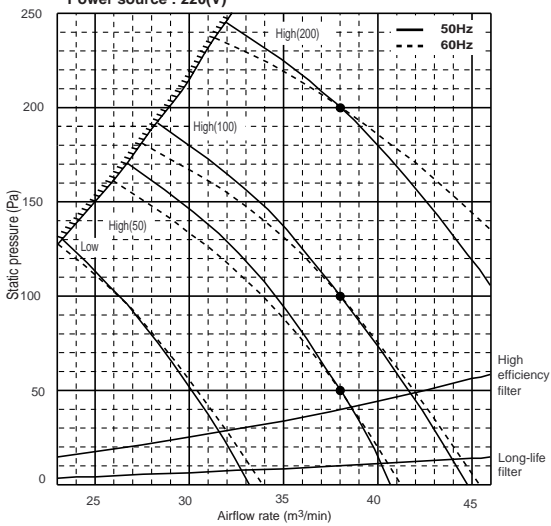
PEFY-P80VMH-A

Suction : Back inlet
External static pressure : 100,150,200Pa
Power source : 230-240(V)



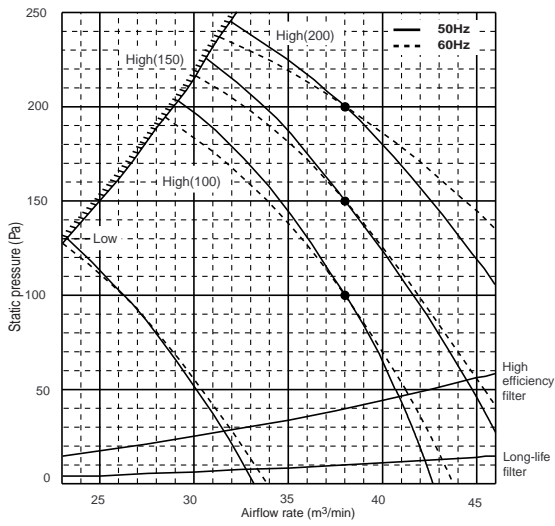
PEFY-P100-125VMH-A

Suction : Back inlet
External static pressure : 50,100,200Pa
Power source : 220(V)



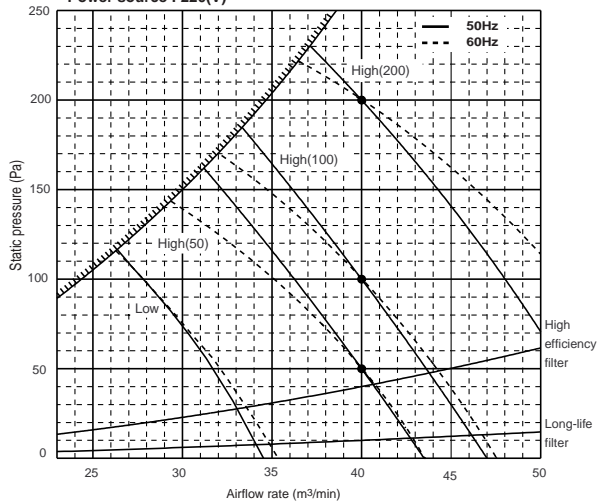
PEFY-P100-125VMH-A

Suction : Back inlet
External static pressure : 100,150,200Pa
Power source : 230-240(V)



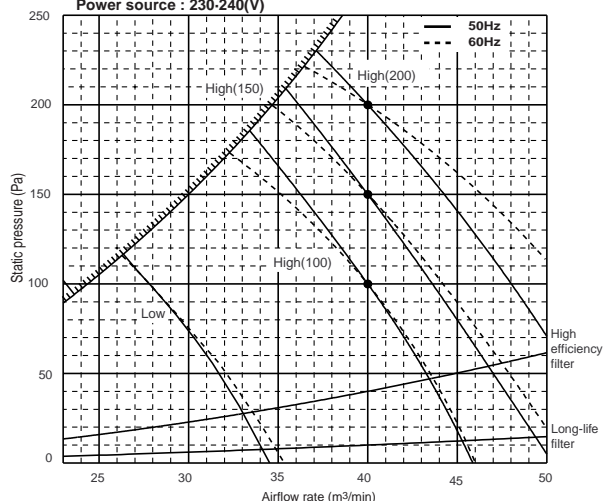
PEFY-P140VMH-A

Suction : Back inlet
External static pressure : 50,100,200Pa
Power source : 220(V)



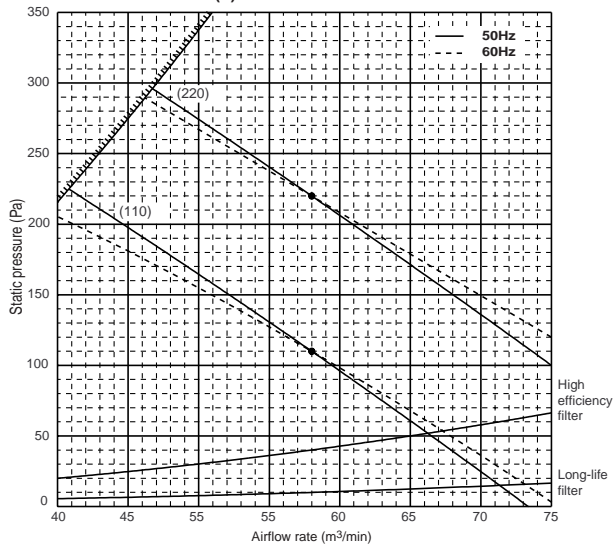
PEFY-P140VMH-A

Suction : Back inlet
External static pressure : 100,150,200Pa
Power source : 230-240(V)



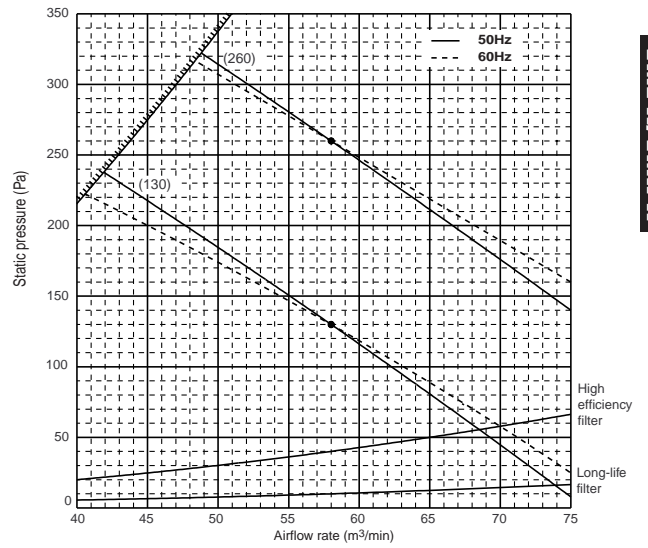
PEFY-P200VMH-A

Suction : Back inlet
 External static pressure : 110,220Pa
 Power source : 380(V)



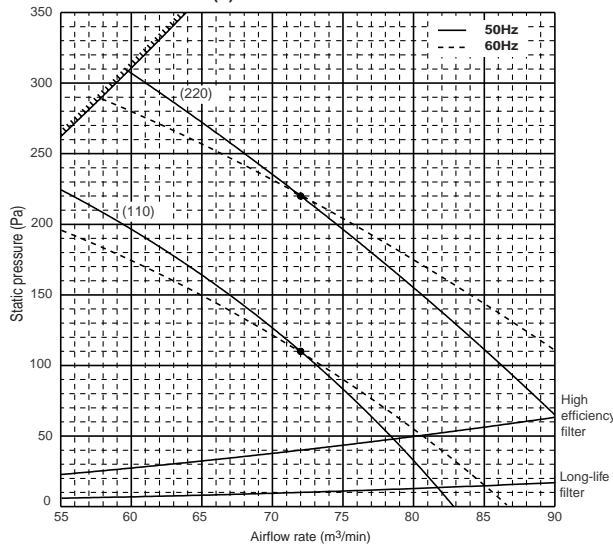
PEFY-P200VMH-A

Suction : Back inlet
 External static pressure : 130,260Pa
 Power source : 400-415(V)



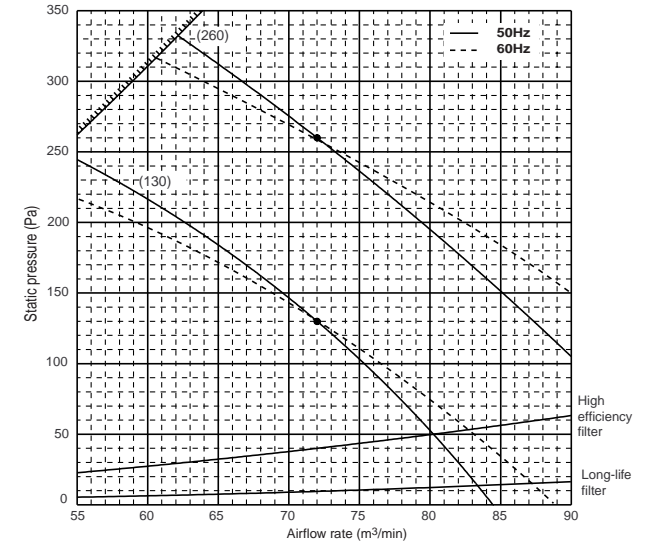
PEFY-P250VMH-A

Suction : Back inlet
 External static pressure : 110,220Pa
 Power source : 380(V)



PEFY-P250VMH-A

Suction : Back inlet
 External static pressure : 130,260Pa
 Power source : 400-415(V)



PEFY-P-VML-A/VMH-A

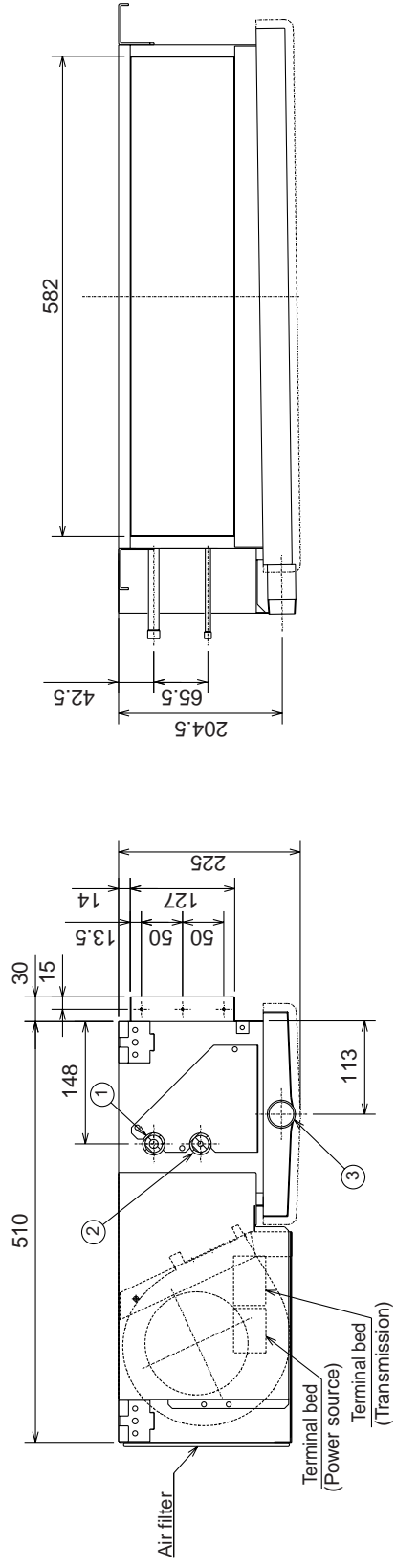
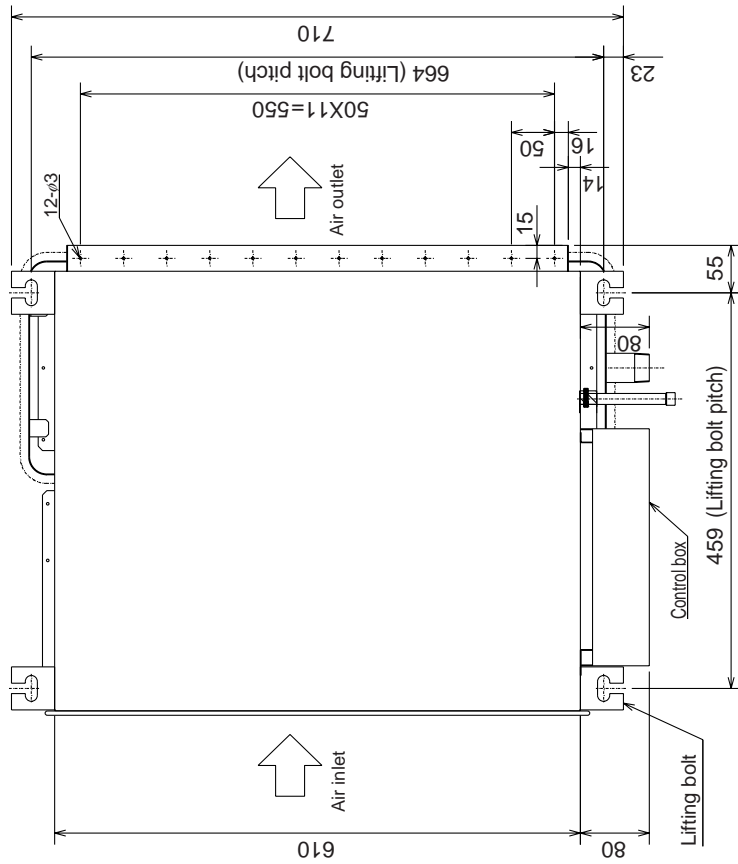
4. External Dimensions

PEFY-P-
VML-A/VMH-A

PEFY-P20,25,32VML-A

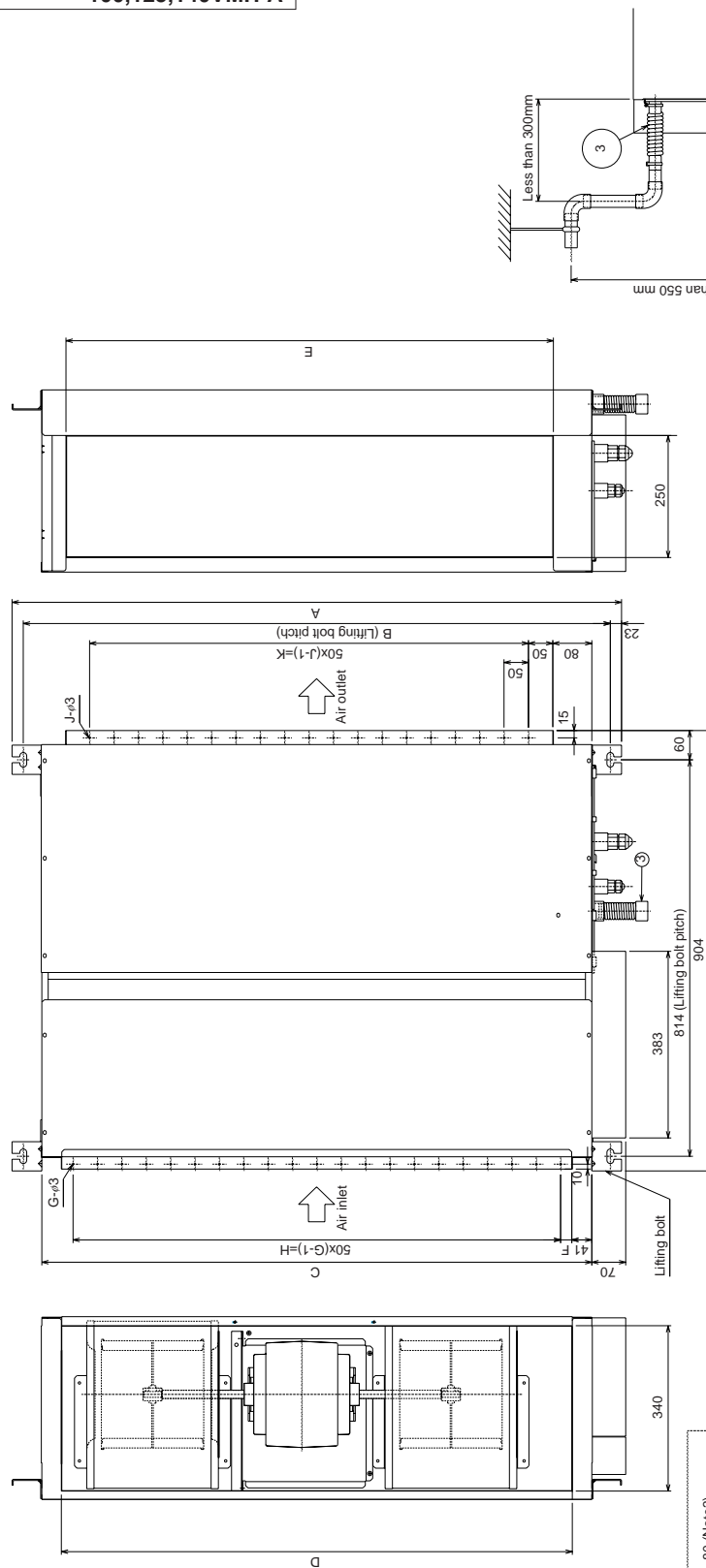
Unit : mm

- Note1. 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.
- Refrigerant piping brazing connection (gas ϕ 12.7 copper tube): HP ①
 Refrigerant piping brazing connection (liquid ϕ 6.35 copper tube): LP ②
 Drain piping connection R1 (External thread) ③

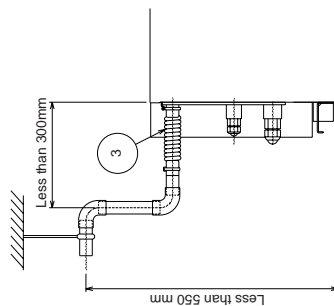


PEFY-P40,50,63,71,80,
100,125,140VMH-A

Unit : mm

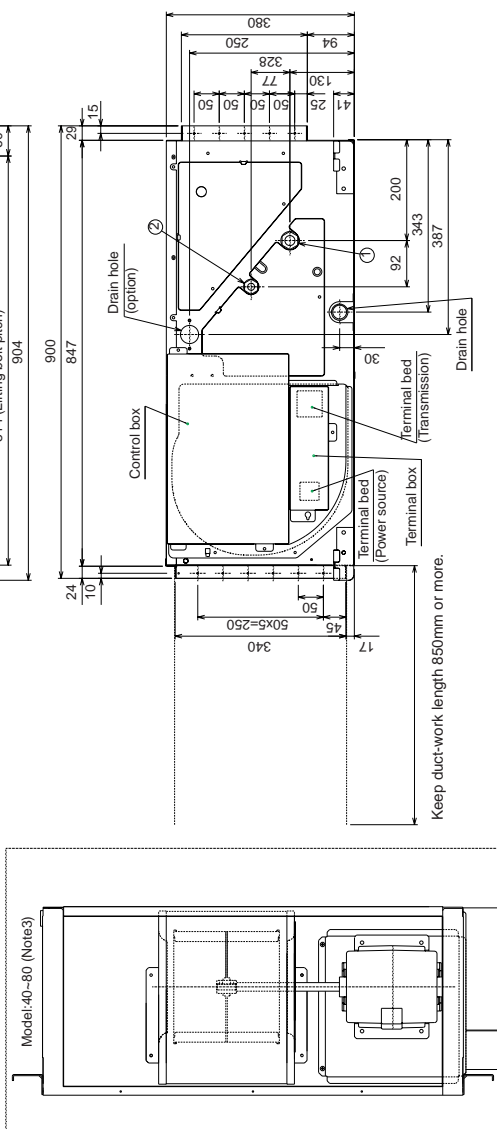


When installing the drain water lifting-up mech(option).



Model	A	B	C	D	E	F	G	H	J	K	M	N
PEFY-P40VMH-A	800	754	680	600	550	50	11	500	10	450	ø12.7	ø6.35
PEFY-P50-63VMH-A	800	754	680	600	550	50	11	500	10	450	ø15.88	ø9.52
PEFY-P71-80VMH-A	1050	1004	930	850	800	25	17	800	15	700	ø15.88	ø9.52
PEFY-P100-125-140VMH-A	1250	1204	1130	1050	1000	25	21	1000	19	900	ø19.05	ø9.52

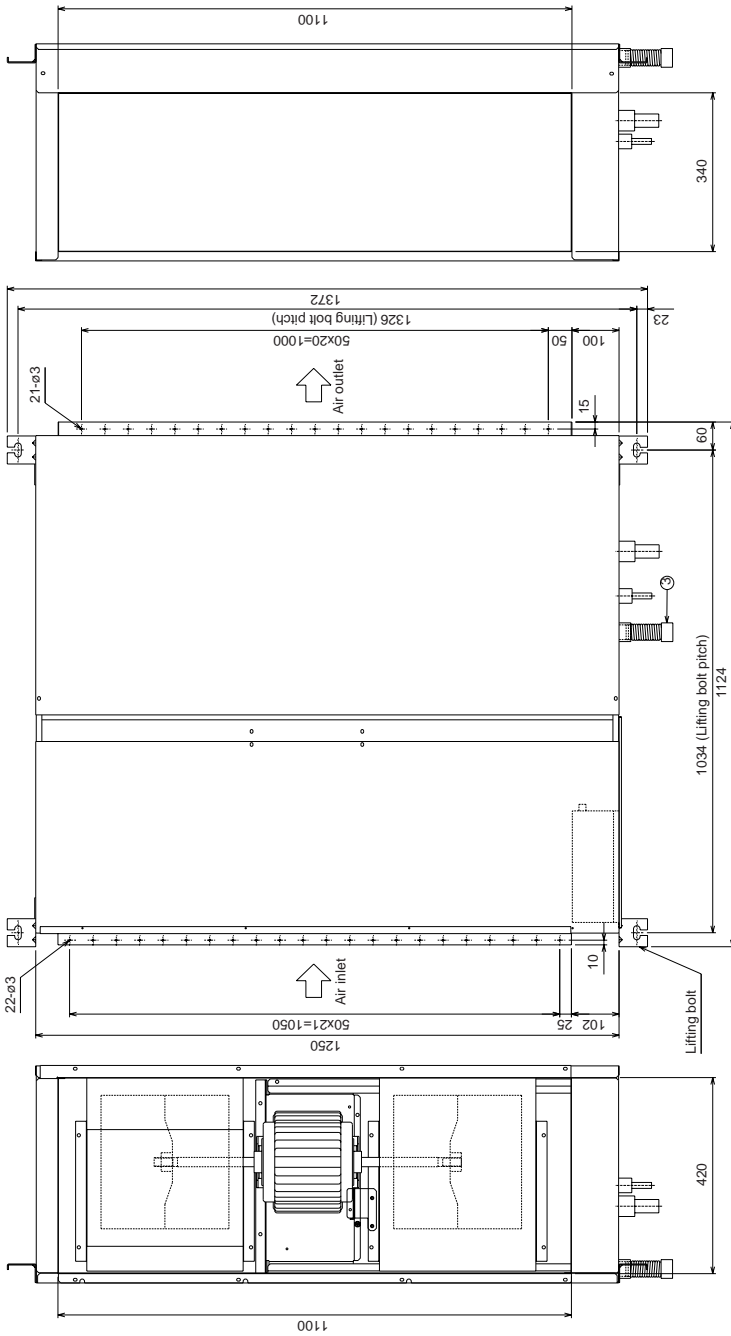
- Note 1. Use M10 screw for the lifting bolt (field supply).
- 2. Keep the service space for the maintenance from the bottom when the heat exchanger is cleaned.
- 3. This chart indicates for PEFY-P100-125-140VMH-A models, which has 2 fans.
- PEFY-P40-50-63-71-80 models have 1 fan.
- 4. Make sure to install the air filter(field supply) on the air intake side.
- In case field supplied air filter is used, attach it where the filter service is easily done.
- Refrigerant piping flare connection (gas: M copper tube): HP ... ①
- Refrigerant piping flare connection (liquid: N copper tube): LP ... ②
- Drain hose 32mm(1-1/4inch) -flexible joint 200mm-> (accessory) ... ③



Keep duct-work length 850mm or more.

Model:40-80 (Note3)

PEFY-P200, 250VMH-A

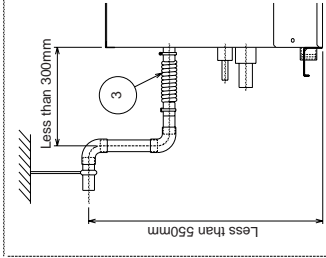


- Note 1. Use M10 screw for the lifting bolt (field supply).
 2. Keep the service space for the maintenance from the bottom when the heat exchanger is cleaned.
 3. Make sure to install the air filter (field supply) on the air intake side.
 In case field supplied air filter is used, attach it where the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

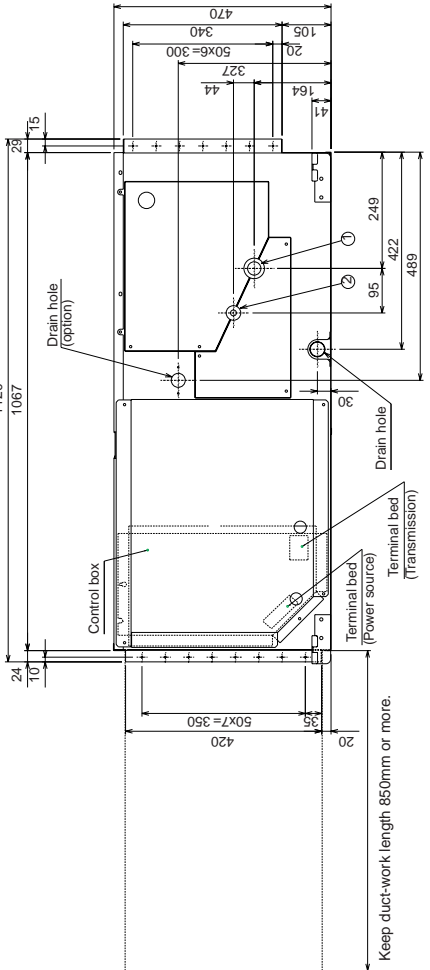
Model	A	B
PEFY-P200VMH-A	ø25.4	ø12.7
PEFY-P250VMH-A	ø28.58	ø12.7

Refrigerant piping brazing connection (gas A copper tube): HP ...①
 Refrigerant piping brazing connection (liquid B copper tube): LP ...②
 Drain hose 32mm(1-1/4inch) -flexible joint 200mm (accessory) ...③

Unit : mm



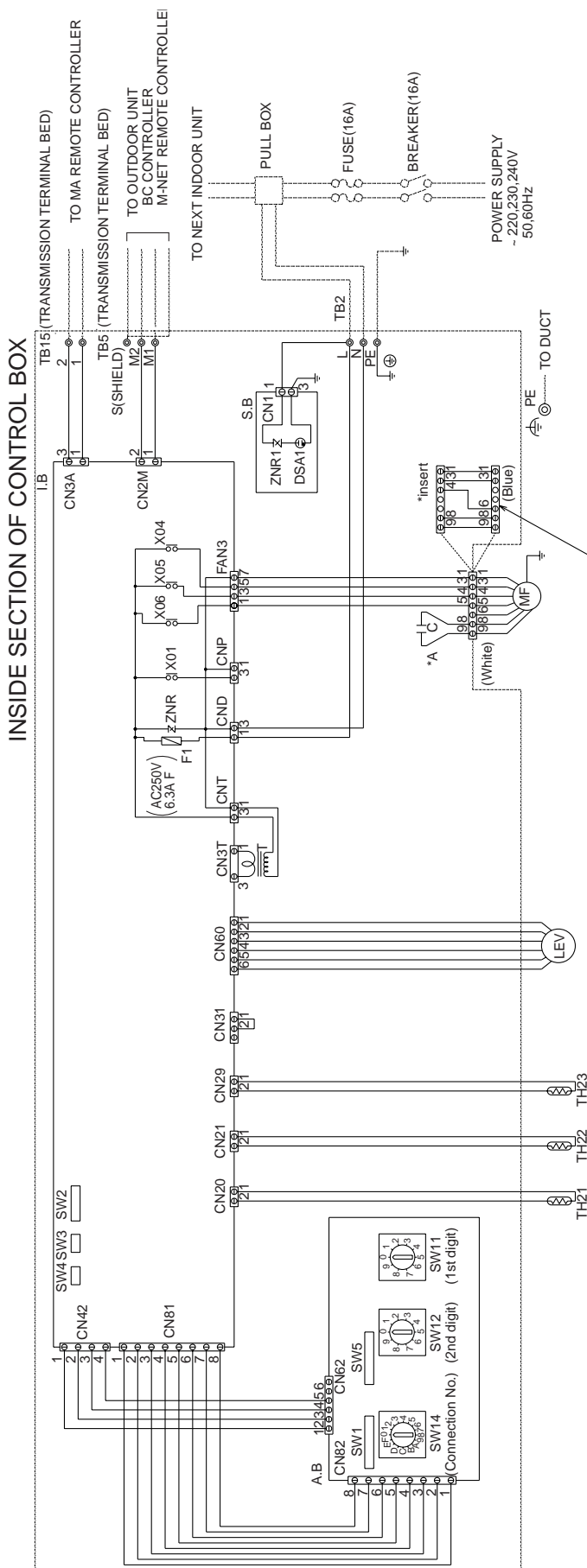
When installing the drain water lifting-up mech(option).



Keep duct-work length 850mm or more.

5. Electrical Wiring Diagrams

PEFY-P20~32VML-A



The motor connector is connected with 230V,240V power at factory shipment. If 220V power is used, insert the attachment.
 Color/Power source
 White/230V,240V
 Blue/220V

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.

*A Capacitor
 MODELS 20/25 1.5μF
 MODEL 32 2.0μF

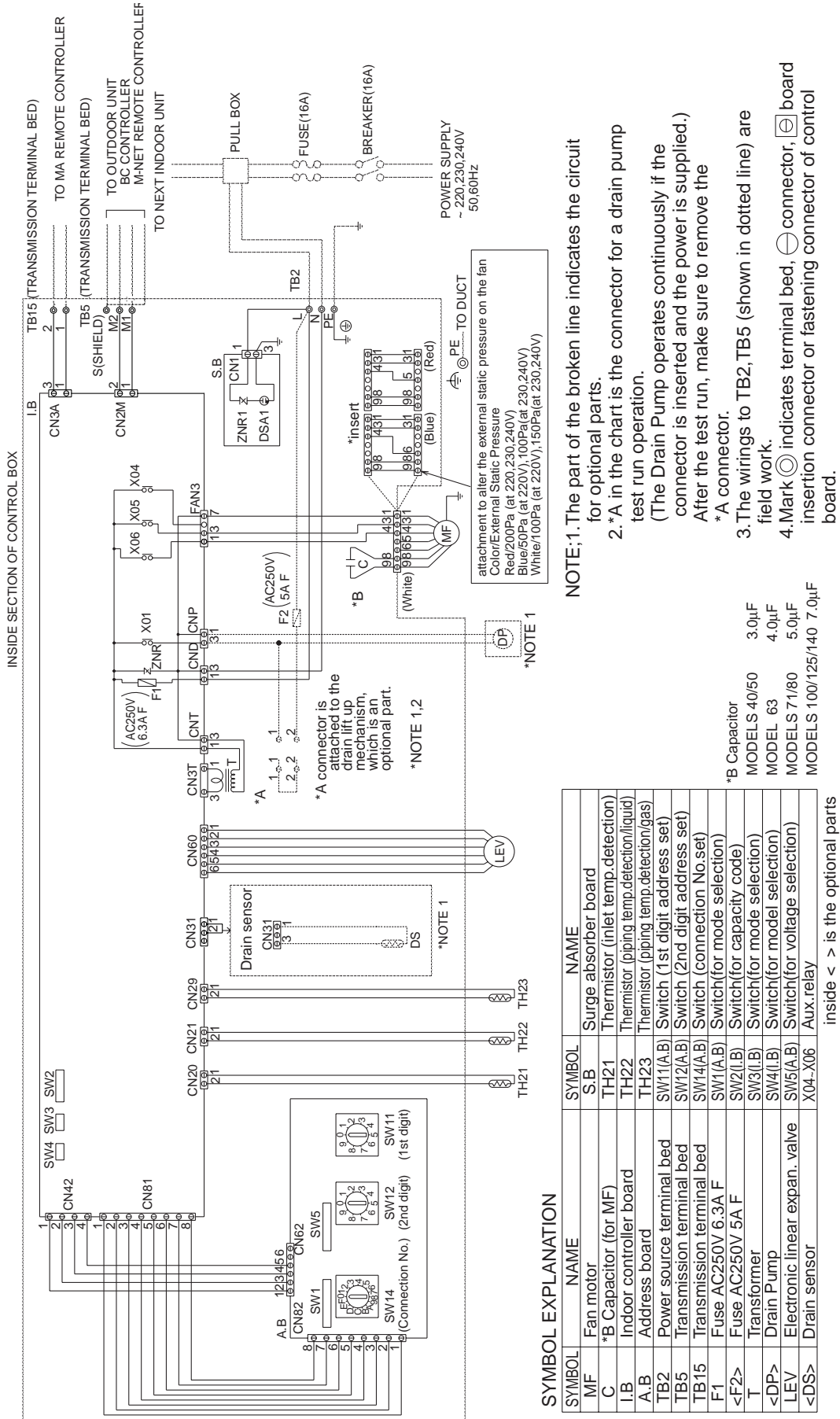
SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
MF	Fan motor	TH21	Thermistor (inlet temp.detection)
C	*A 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 (1st digit address set)
TB2	Power source terminal bed	SW12(A.B)	Switch (2nd 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)
T	Fuse AC250V 6.3A F	SW2(LB)	Switch (for capacity code)
F1	Transformer	SW3(LB)	Switch (for mode selection)
LEV	Electronic linear expans. valve	SW4(LB)	Switch (for model selection)
S.B	Surge absorber board	SW5(A.B)	Switch (for voltage selection)
X04~X06	Aux.relay		

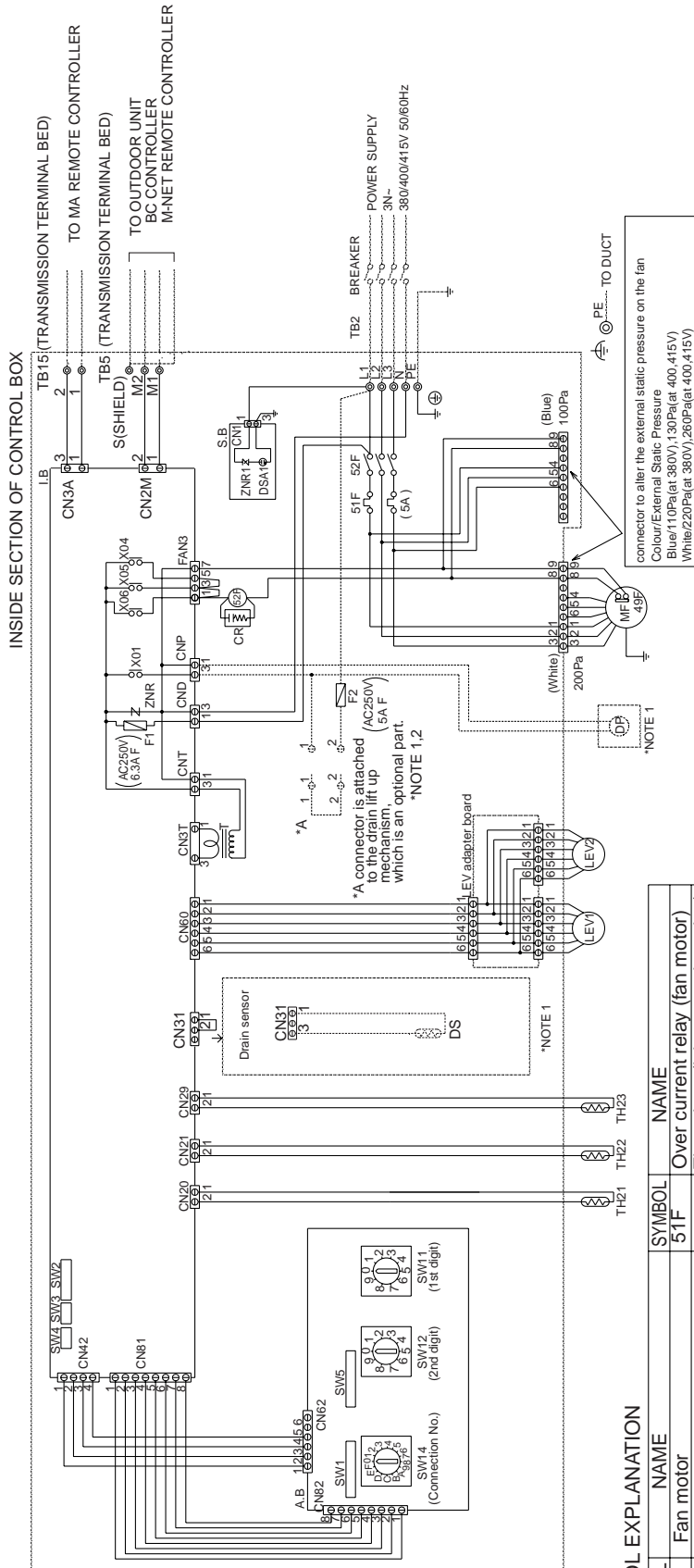


PEFY-P40~140VMH-A

**PEFY-P-
VML-A/VMH-A**



PEFY-P200•250VMH-A



SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
MF	Fan motor	51F	Over current relay (fan motor)
I.B	Fan motor controller board	TH21	Thermistor (inlet temp.detection)
A.B	Address board	TH22	Thermistor (piping temp.detection/liquid)
TB2	Power source terminal bed	TH23	Thermistor (piping temp.detection/gas)
TB5	Transmission terminal bed	SW11(A,B)	Switch (1st digit address set)
TB15	Transmission terminal bed	SW12(A,B)	Switch (2nd digit address set)
F1	Fuse AC250V 6.3A F	SW14(A,B)	Switch (connection No.set)
<F2>	Fuse AC250V 5A F	SW1(A,B)	Switch(for mode selection)
T	Transformer	SW2(L,B)	Switch(for capacity code)
<DP>	Drain Pump	SW3(L,B)	Switch(for mode selection)
LEV/LEV2	Electronic linear expan. valve	SW4(L,B)	Switch(for model selection)
<DS>	Drain sensor	SW5(A,B)	Switch(for voltage selection)
S.B	Surge absorber board	X04-X06	Aux. relay
52F	Contactior (fan motor)	49F	Inner thermostat

inside < > is the optional parts

CAUTION; 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.)
 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.



6. Options

PEFY-P-
VMI-A/VMH-A

Description	Model	Applicable capacity
Long life filter	PAC-KE32LAF-F	P20/P25/P32
	PAC-KE86LAF	P40/P50/P63
	PAC-KE88LAF	P71/P80
	PAC-KE89LAF	P100/P125/P140
	PAC-KE85LAF	P200/P250
Filter box	PAC-KE63TB-F	P40/P50/P63
	PAC-KE80TB-F	P71/P80
	PAC-KE140TB-F	P100/P125/P140
	PAC-KE250TB-F	P200/P250
Drain water lift-up kit	PAC-KE04DM-F	P40/P50/P63/P71/P80/P100 P125/P140/P200/P250