

Ceiling concealed

PEFY-P-VMM-A

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1. Specifications

PEFY-P-VMM-A

			PEFY-P20VMM-A	PEFY-P25VMM-A	PEFY-P32VMM-A	PEFY-P40VMM-A
Power source			~220-240V 50Hz			
Cooling capacity	* 1	kW	2.2	2.8	3.6	4.5
	* 2	kcal/h	2,000	2,500	3,150	4,000
Heating capacity	* 1	kW	2.5	3.2	4.0	5.0
Power consumption (50Hz)	Cooling	kW	0.15		0.17	0.19
	Heating	kW	0.15		0.17	0.19
Current	Cooling	A	0.73		0.81	0.92
	Heating	A	0.73		0.81	0.92
External finish			Galvanized steel plate			
Dimension	Height	mm	295			
	Width	mm	815		935	
	Depth	mm	700			
Net weight		kg	27		33	
Heat exchanger			Cross fin (Aluminum plate fin and copper tube)			
Fan	Type		Sirocco fanX 1			Sirocco fanX 2
	Airflow rate (Lo-Mid-Hi)	m ³ /min	6.0-7.2-8.5		7.5-9.0-10.5	10.0-12.0-14.0
	External static pressure	Pa	30/50/100			
Motor	Type		Single phase induction motor			
	Output	kW	0.15		0.17	0.19
Air filter			PP Honeycomb fabric (washable)			
Refrigerant pipe dimension	Gas (Brazing)	mm	ø□12.7			
	Liquid (Brazing)	mm	ø□6.35			
Drain pipe dimension			R1 (External thread)			
Noise level (Lo-Mid-Hi)		dB(A)	27-30-32		28-32-35	31-34-37

			PEFY-P50VMM-A	PEFY-P63VMM-A	PEFY-P71VMM-A	PEFY-P80VMM-A
Power source			~220-240V 50Hz			
Cooling capacity	* 1	kW	5.6	7.1	8.0	9.0
	* 2	kcal/h	5,000	6,300	7,100	8,000
Heating capacity	* 1	kW	6.3	8.0	9.0	10.0
Power consumption (50Hz)	Cooling	kW	0.20	0.22	0.25	
	Heating	kW	0.20	0.22	0.25	
Current	Cooling	A	0.98	1.07	1.15	
	Heating	A	0.98	1.07	1.15	
External finish			Galvanized steel plate			
Dimension	Height	mm	295			
	Width	mm	935	1175		
	Depth	mm	700			
Net weight		kg	33	42		
Heat exchanger			Cross fin (Aluminum plate fin and copper tube)			
Fan	Type		Sirocco fanX 2			
	Airflow rate (Lo-Hi)	m ³ /min	12.0-14.5-17.0	13.5-16.2-19.0	14.5-18.0-21.0	
	External static pressure	Pa	30/50/100			
Motor	Type		Single phase induction motor			
	Output	kW	0.20	0.22	0.25	
Air filter			PP Honeycomb fabric (washable)			
Refrigerant pipe dimension	Gas (Flare)	mm	ø□15.88			
	Liquid (Flare)	mm	ø□9.52			
Drain pipe dimension			R1 (External thread)			
Noise level (Lo-Mid-Hi)		dB(A)	31-35-38		32-36-39	

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)

			PEFY-P100VMM-A	PEFY-P125VMM-A	PEFY-P140VMM-A
Power source			~ 220-240V 50Hz		
Cooling capacity	* 1	kW	11.2	14.0	16.0
	* 2	kcal/h	10,000	12,500	14,000
Heating capacity	* 1	kW	12.5	16.0	18.0
Power consumption (50/60Hz)	Cooling	kW	0.29	0.40	0.42
	Heating	kW	0.29	0.40	0.42
Current	Cooling	A	1.34	1.90	1.95
	Heating	A	1.34	1.90	1.95
External finish			Galvanized steel plate		
Dimension	Height	mm	325		
	Width	mm	1415	1715	
	Depth	mm	740		
Net weight		kg	62	65	70
Heat exchanger			Cross fin (Aluminum plate fin and copper tube)		
Fan	Type		Sirocco fanX 2		
	Airflow rate (Lo-Hi)	m ³ /min	23.0-33.0	28.0-40.0	29.5-42.0
	External static pressure		Pa 50/130		
Motor	Type		Single phase induction motor		
	Output	kW	0.29	0.40	0.42
Air filter			PP Honeycomb fabric (washable)		
Refrigerant pipe dimension	Gas (Flare)	mm	ø□19.05		
	Liquid (Flare)	mm	ø□9.52		
Drain pipe dimension			R1 (External thread)		
Noise level (Lo-Mid-Hi)		dB(A)	40-44	42-45	42-45

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)

2. Capacity table

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

PEFY-P-VMM-A

CA:Capacity(kW)

SHC:Sensible heat Capacity(kW)

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	1.9
	22.5	2.1	1.8	2.3	1.9	2.4	1.9	2.6	1.9
	25.0	2.1	1.8	2.3	1.9	2.4	1.8	2.5	1.9
	27.5	2.1	1.8	2.2	1.9	2.4	1.8	2.5	1.9
	30.0	2.1	1.7	2.2	1.8	2.3	1.8	2.5	1.9
	32.5	2.0	1.7	2.2	1.8	2.3	1.8	2.5	1.9
	35.0	2.0	1.7	2.1	1.8	2.3	1.8	2.4	1.9
	37.5	2.0	1.7	2.1	1.8	2.2	1.8	2.4	1.9
	40.0	2.0	1.7	2.1	1.8	2.2	1.8	2.4	1.8
46.0	1.9	1.7	2.0	1.8	2.1	1.7	2.3	1.8	
25 (2.8)	20.0	2.8	2.1	2.9	2.2	3.1	2.2	3.3	2.2
	22.5	2.7	2.1	2.9	2.2	3.1	2.1	3.2	2.2
	25.0	2.7	2.1	2.9	2.1	3.1	2.1	3.2	2.2
	27.5	2.7	2.0	2.8	2.1	3.0	2.1	3.2	2.2
	30.0	2.6	2.0	2.8	2.1	3.0	2.1	3.2	2.2
	32.5	2.6	2.0	2.8	2.1	2.9	2.1	3.1	2.2
	35.0	2.6	2.0	2.7	2.1	2.9	2.1	3.1	2.1
	37.5	2.5	2.0	2.7	2.1	2.9	2.0	3.0	2.1
	40.0	2.5	1.9	2.7	2.1	2.8	2.0	3.0	2.1
46.0	2.4	1.9	2.6	2.0	2.7	2.0	2.9	2.1	
32 (3.6)	20.0	3.6	2.6	3.7	2.7	4.0	2.7	4.2	2.8
	22.5	3.5	2.6	3.7	2.7	4.0	2.7	4.2	2.8
	25.0	3.5	2.6	3.7	2.7	3.9	2.7	4.1	2.8
	27.5	3.4	2.6	3.6	2.7	3.9	2.7	4.1	2.8
	30.0	3.4	2.5	3.6	2.7	3.8	2.6	4.1	2.7
	32.5	3.3	2.5	3.6	2.7	3.8	2.6	4.0	2.7
	35.0	3.3	2.5	3.5	2.6	3.7	2.6	4.0	2.7
	37.5	3.2	2.5	3.5	2.6	3.7	2.6	3.9	2.7
	40.0	3.2	2.5	3.4	2.6	3.6	2.6	3.9	2.6
46.0	3.1	2.4	3.3	2.5	3.5	2.5	3.7	2.6	
40 (4.5)	20.0	4.5	3.4	4.7	3.5	5.0	3.5	5.3	3.6
	22.5	4.4	3.3	4.6	3.5	5.0	3.5	5.2	3.6
	25.0	4.3	3.3	4.6	3.5	4.9	3.5	5.2	3.6
	27.5	4.3	3.3	4.6	3.5	4.9	3.4	5.1	3.5
	30.0	4.2	3.3	4.5	3.4	4.8	3.4	5.1	3.5
	32.5	4.2	3.2	4.4	3.4	4.7	3.4	5.0	3.5
	35.0	4.1	3.2	4.4	3.4	4.7	3.3	5.0	3.5
	37.5	4.1	3.2	4.3	3.4	4.6	3.3	4.9	3.4
	40.0	4.0	3.2	4.3	3.3	4.5	3.3	4.8	3.4
46.0	3.8	3.1	4.1	3.3	4.3	3.2	4.6	3.3	
50 (5.6)	20.0	5.5	4.1	5.8	4.3	6.2	4.3	6.6	4.4
	22.5	5.5	4.1	5.8	4.3	6.2	4.2	6.5	4.4
	25.0	5.4	4.0	5.7	4.2	6.1	4.2	6.4	4.3
	27.5	5.3	4.0	5.7	4.2	6.0	4.2	6.4	4.3
	30.0	5.3	4.0	5.6	4.2	5.9	4.1	6.3	4.3
	32.5	5.2	3.9	5.5	4.1	5.9	4.1	6.2	4.2
	35.0	5.1	3.9	5.5	4.1	5.8	4.1	6.2	4.2
	37.5	5.0	3.9	5.4	4.1	5.7	4.0	6.1	4.2
	40.0	5.0	3.8	5.3	4.0	5.6	4.0	6.0	4.1
46.0	4.8	3.7	5.1	3.9	5.4	3.9	5.8	4.0	
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	5.5
	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	5.4
	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-VMM-A

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

PEFY-P-VMM-A

CA:Capacity(kW)

SHC:Sensible heat Capacity(kW)

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	5.9	9.1	6.0
	30.0	7.5	5.6	8.0	5.9	8.5	5.8	9.0	6.0
	32.5	7.4	5.5	7.9	5.8	8.4	5.8	8.9	5.9
	35.0	7.3	5.5	7.8	5.8	8.3	5.7	8.8	5.9
	37.5	7.2	5.4	7.7	5.7	8.2	5.6	8.7	5.9
	40.0	7.1	5.4	7.6	5.7	8.1	5.6	8.6	5.8
46.0	6.8	5.2	7.3	5.5	7.7	5.4	8.2	5.7	
80 (9.0)	20.0	8.9	6.3	9.4	6.5	10.0	6.5	10.6	6.7
	22.5	8.8	6.2	9.3	6.5	9.9	6.5	10.4	6.6
	25.0	8.7	6.2	9.2	6.5	9.8	6.4	10.4	6.6
	27.5	8.6	6.1	9.1	6.4	9.7	6.4	10.3	6.5
	30.0	8.5	6.1	9.0	6.4	9.5	6.3	10.2	6.5
	32.5	8.3	6.0	8.9	6.3	9.5	6.2	10.0	6.4
	35.0	8.2	5.9	8.8	6.2	9.3	6.2	9.9	6.4
	37.5	8.1	5.9	8.6	6.2	9.2	6.1	9.8	6.3
	40.0	8.0	5.8	8.6	6.1	9.1	6.1	9.6	6.3
46.0	7.7	5.7	8.2	6.0	8.7	5.9	9.3	6.1	
100 (11.2)	20.0	11.1	8.5	11.6	8.9	12.5	8.8	13.1	9.1
	22.5	10.9	8.4	11.5	8.8	12.3	8.8	13.0	9.0
	25.0	10.8	8.4	11.5	8.8	12.2	8.7	12.9	9.0
	27.5	10.7	8.3	11.3	8.7	12.1	8.7	12.8	8.9
	30.0	10.5	8.2	11.2	8.7	11.9	8.6	12.6	8.9
	32.5	10.4	8.2	11.1	8.6	11.8	8.5	12.5	8.8
	35.0	10.2	8.1	10.9	8.5	11.6	8.4	12.3	8.8
	37.5	10.1	8.0	10.8	8.5	11.4	8.4	12.2	8.7
	40.0	10.0	8.0	10.6	8.4	11.3	8.3	12.0	8.6
46.0	9.6	7.8	10.2	8.2	10.8	8.1	11.5	8.4	
125 (14.0)	20.0	13.9	10.4	14.6	10.9	15.6	10.8	16.4	11.1
	22.5	13.7	10.3	14.4	10.8	15.4	10.7	16.2	11.1
	25.0	13.5	10.3	14.3	10.8	15.3	10.7	16.1	11.0
	27.5	13.4	10.2	14.2	10.7	15.1	10.6	16.0	10.9
	30.0	13.2	10.1	14.0	10.6	14.9	10.5	15.8	10.9
	32.5	13.0	10.0	13.8	10.5	14.7	10.4	15.6	10.8
	35.0	12.8	9.9	13.7	10.4	14.5	10.3	15.4	10.7
	37.5	12.6	9.8	13.4	10.3	14.3	10.2	15.2	10.6
	40.0	12.5	9.8	13.3	10.3	14.1	10.2	15.0	10.5
46.0	12.0	9.5	12.8	10.0	13.5	9.9	14.4	10.3	
140 (16.0)	20.0	15.8	11.6	16.6	12.1	17.8	12.0	18.8	12.3
	22.5	15.6	11.5	16.5	12.0	17.6	11.9	18.6	12.3
	25.0	15.5	11.4	16.4	11.9	17.4	11.9	18.4	12.2
	27.5	15.3	11.3	16.2	11.9	17.2	11.8	18.2	12.1
	30.0	15.0	11.2	16.0	11.8	17.0	11.6	18.0	12.0
	32.5	14.8	11.1	15.8	11.7	16.8	11.6	17.9	12.0
	35.0	14.6	11.0	15.6	11.6	16.5	11.4	17.6	11.8
	37.5	14.4	10.9	15.4	11.4	16.3	11.3	17.4	11.8
	40.0	14.2	10.8	15.2	11.4	16.1	11.3	17.2	11.6
46.0	13.7	10.5	14.6	11.1	15.4	11.0	16.5	11.4	

PEFY-P-VMM-A

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

PEFY-P-VMM-A

SHC:Sensible heat Capacity(kW)

Unit size	Outdoor air temp.	Indoor air temp.:°CDB		
		15.0	20.0	25.0
		°CWB	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.	Indoor air temp.:°CDB		
		15.0	20.0	25.0
		°CWB	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

PEFY-P-VMM-A

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

PEFY-P-VMM-A

CA:Capacity(kW)
SHC:Sensible 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	1.8	2.3	1.8	2.3	1.8	2.4	1.9	2.5	1.9	2.6	1.8
	22.5	2.1	1.8	2.2	1.8	2.3	1.8	2.3	1.8	2.4	1.9	2.4	1.8	2.5	1.8
	25.0	2.1	1.8	2.2	1.8	2.2	1.8	2.3	1.8	2.3	1.9	2.4	1.8	2.5	1.8
	27.5	2.1	1.8	2.1	1.8	2.2	1.8	2.3	1.8	2.3	1.9	2.4	1.8	2.5	1.8
	30.0	2.1	1.7	2.1	1.8	2.2	1.8	2.2	1.8	2.3	1.9	2.4	1.8	2.5	1.8
	32.5	2.0	1.7	2.1	1.8	2.2	1.8	2.2	1.8	2.3	1.9	2.4	1.8	2.4	1.8
	35.0	2.0	1.7	2.1	1.8	2.2	1.7	2.2	1.8	2.2	1.8	2.3	1.8	2.4	1.8
	37.5	2.0	1.7	2.0	1.8	2.1	1.7	2.2	1.8	2.2	1.8	2.3	1.8	2.4	1.8
	40.0	2.0	1.7	2.0	1.8	2.1	1.7	2.2	1.8	2.2	1.8	2.3	1.8	2.4	1.8
43.0	2.0	1.7	2.0	1.8	2.1	1.7	2.1	1.8	2.2	1.8	2.3	1.8	2.3	1.7	
25 (2.8)	20.0	2.7	2.1	2.8	2.1	2.9	2.1	3.0	2.1	3.0	2.2	3.1	2.1	3.2	2.0
	22.5	2.7	2.1	2.8	2.1	2.9	2.1	2.9	2.1	3.0	2.1	3.1	2.1	3.2	2.0
	25.0	2.7	2.0	2.7	2.1	2.9	2.0	2.9	2.1	3.0	2.1	3.1	2.1	3.2	2.0
	27.5	2.7	2.0	2.7	2.1	2.8	2.0	2.9	2.1	2.9	2.1	3.1	2.1	3.2	2.0
	30.0	2.6	2.0	2.7	2.1	2.8	2.0	2.9	2.0	2.9	2.1	3.0	2.1	3.1	2.0
	32.5	2.6	2.0	2.7	2.1	2.8	2.0	2.8	2.0	2.9	2.1	3.0	2.0	3.1	2.0
	35.0	2.6	2.0	2.6	2.0	2.7	2.0	2.8	2.0	2.9	2.1	3.0	2.0	3.1	2.0
	37.5	2.5	2.0	2.6	2.0	2.7	2.0	2.8	2.0	2.8	2.1	2.9	2.0	3.1	2.0
	40.0	2.5	2.0	2.6	2.0	2.7	2.0	2.7	2.0	2.8	2.1	2.9	2.0	3.0	2.0
43.0	2.5	1.9	2.5	2.0	2.7	2.0	2.7	2.0	2.8	2.1	2.9	2.0	3.0	2.0	
32 (3.6)	20.0	3.5	2.6	3.6	2.7	3.7	2.6	3.8	2.6	3.9	2.7	4.0	2.6	4.2	2.6
	22.5	3.5	2.6	3.6	2.7	3.7	2.6	3.8	2.6	3.9	2.7	4.0	2.6	4.1	2.6
	25.0	3.5	2.6	3.5	2.6	3.7	2.6	3.7	2.6	3.8	2.7	4.0	2.6	4.1	2.5
	27.5	3.4	2.6	3.5	2.6	3.6	2.6	3.7	2.6	3.8	2.7	3.9	2.6	4.1	2.5
	30.0	3.4	2.5	3.5	2.6	3.6	2.5	3.7	2.6	3.7	2.7	3.9	2.6	4.0	2.5
	32.5	3.3	2.5	3.4	2.6	3.6	2.5	3.6	2.6	3.7	2.6	3.9	2.6	4.0	2.5
	35.0	3.3	2.5	3.4	2.6	3.5	2.5	3.6	2.5	3.7	2.6	3.8	2.6	4.0	2.5
	37.5	3.3	2.5	3.3	2.6	3.5	2.5	3.6	2.5	3.6	2.6	3.8	2.5	3.9	2.5
	40.0	3.2	2.5	3.3	2.5	3.5	2.5	3.5	2.5	3.6	2.6	3.7	2.5	3.9	2.5
43.0	3.2	2.5	3.3	2.5	3.4	2.5	3.5	2.5	3.6	2.6	3.7	2.5	3.8	2.5	
40 (4.5)	20.0	4.4	3.4	4.5	3.4	4.7	3.4	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	3.4	4.8	3.5	5.0	3.4	5.2	3.3
	25.0	4.3	3.3	4.4	3.4	4.6	3.3	4.7	3.4	4.8	3.5	5.0	3.4	5.1	3.3
	27.5	4.3	3.3	4.4	3.4	4.5	3.3	4.6	3.3	4.7	3.4	4.9	3.4	5.1	3.3
	30.0	4.2	3.3	4.3	3.4	4.5	3.3	4.6	3.3	4.7	3.4	4.9	3.3	5.0	3.3
	32.5	4.2	3.2	4.3	3.3	4.5	3.3	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	3.3	4.6	3.4	4.8	3.3	5.0	3.2
	37.5	4.1	3.2	4.2	3.3	4.4	3.2	4.5	3.3	4.5	3.4	4.7	3.3	4.9	3.2
	40.0	4.1	3.2	4.1	3.3	4.3	3.2	4.4	3.2	4.5	3.4	4.7	3.3	4.9	3.2
43.0	4.0	3.2	4.1	3.2	4.3	3.2	4.4	3.2	4.4	3.3	4.6	3.3	4.8	3.2	
50 (5.6)	20.0	5.5	4.1	5.6	4.2	5.8	4.1	5.9	4.1	6.0	4.2	6.3	4.1	6.5	4.0
	22.5	5.4	4.1	5.5	4.1	5.8	4.1	5.9	4.1	6.0	4.2	6.2	4.1	6.4	4.0
	25.0	5.4	4.0	5.5	4.1	5.7	4.0	5.8	4.1	5.9	4.2	6.2	4.1	6.4	4.0
	27.5	5.3	4.0	5.4	4.1	5.7	4.0	5.8	4.0	5.9	4.2	6.1	4.1	6.3	4.0
	30.0	5.3	4.0	5.4	4.1	5.6	4.0	5.7	4.0	5.8	4.1	6.0	4.0	6.3	3.9
	32.5	5.2	3.9	5.3	4.0	5.5	4.0	5.7	4.0	5.8	4.1	6.0	4.0	6.2	3.9
	35.0	5.2	3.9	5.3	4.0	5.5	3.9	5.6	4.0	5.7	4.1	5.9	4.0	6.2	3.9
	37.5	5.1	3.9	5.2	4.0	5.4	3.9	5.5	3.9	5.7	4.1	5.9	4.0	6.1	3.9
	40.0	5.0	3.9	5.2	4.0	5.4	3.9	5.5	3.9	5.6	4.1	5.8	4.0	6.0	3.9
43.0	5.0	3.8	5.1	3.9	5.3	3.9	5.4	3.9	5.5	4.0	5.8	3.9	6.0	3.8	
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	5.1	8.0	4.9
	32.5	6.6	4.9	6.7	5.1	7.0	5.0	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-VMM-A

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

PEFY-P-VMM-A

CA:Capacity(kW)

SHC:Sensible 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
71 (8.0)	20.0	7.8	5.7	8.0	5.9	8.3	5.7	8.5	5.8	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	5.7	7.8	5.8	8.2	5.6	8.3	5.7	8.5	5.9	8.8	5.7	9.1	5.6
	27.5	7.6	5.6	7.8	5.7	8.1	5.6	8.2	5.7	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	5.7	9.0	5.5
	32.5	7.4	5.5	7.6	5.7	7.9	5.5	8.1	5.6	8.2	5.8	8.6	5.6	8.9	5.5
	35.0	7.4	5.5	7.5	5.6	7.8	5.5	8.0	5.6	8.2	5.7	8.5	5.6	8.8	5.4
	37.5	7.3	5.5	7.4	5.6	7.8	5.5	7.9	5.5	8.1	5.7	8.4	5.6	8.7	5.4
	40.0	7.2	5.4	7.4	5.5	7.7	5.4	7.8	5.5	8.0	5.7	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	6.2	9.0	6.4	9.4	6.2	9.5	6.2	9.7	6.4	10.1	6.2	10.4	6.0
	22.5	8.7	6.2	8.9	6.3	9.3	6.2	9.5	6.2	9.6	6.4	10.0	6.2	10.4	6.0
	25.0	8.6	6.1	8.8	6.3	9.2	6.1	9.4	6.1	9.5	6.3	9.9	6.1	10.3	6.0
	27.5	8.6	6.1	8.7	6.2	9.1	6.1	9.3	6.1	9.5	6.3	9.8	6.1	10.2	5.9
	30.0	8.5	6.1	8.6	6.2	9.0	6.0	9.2	6.1	9.4	6.2	9.7	6.1	10.1	5.9
	32.5	8.4	6.0	8.6	6.1	8.9	6.0	9.1	6.0	9.3	6.2	9.6	6.0	10.0	5.9
	35.0	8.3	6.0	8.5	6.1	8.8	5.9	9.0	6.0	9.2	6.2	9.5	6.0	9.9	5.8
	37.5	8.2	5.9	8.4	6.0	8.7	5.9	8.9	5.9	9.1	6.1	9.5	6.0	9.8	5.8
	40.0	8.1	5.9	8.3	6.0	8.6	5.9	8.8	5.9	9.0	6.1	9.4	5.9	9.7	5.8
43.0	8.0	5.8	8.2	5.9	8.5	5.8	8.7	5.9	8.9	6.0	9.3	5.9	9.6	5.7	
100 (11.2)	20.0	11.0	8.5	11.2	8.7	11.6	8.5	11.9	8.6	12.1	8.9	12.5	8.6	13.0	8.4
	22.5	10.9	8.4	11.1	8.6	11.5	8.4	11.8	8.5	12.0	8.8	12.4	8.6	12.9	8.4
	25.0	10.8	8.3	11.0	8.6	11.4	8.4	11.6	8.5	11.9	8.8	12.3	8.5	12.8	8.3
	27.5	10.6	8.3	10.9	8.5	11.3	8.3	11.5	8.4	11.8	8.7	12.2	8.5	12.7	8.3
	30.0	10.5	8.2	10.8	8.5	11.2	8.3	11.4	8.4	11.6	8.7	12.1	8.5	12.5	8.2
	32.5	10.4	8.2	10.6	8.4	11.1	8.2	11.3	8.3	11.5	8.6	12.0	8.4	12.4	8.2
	35.0	10.3	8.1	10.5	8.4	11.0	8.2	11.2	8.3	11.4	8.6	11.9	8.4	12.3	8.2
	37.5	10.2	8.1	10.4	8.3	10.9	8.1	11.1	8.2	11.3	8.5	11.8	8.3	12.2	8.1
	40.0	10.1	8.0	10.3	8.2	10.8	8.1	11.0	8.2	11.2	8.5	11.6	8.3	12.1	8.1
43.0	9.9	8.0	10.2	8.2	10.6	8.0	10.8	8.2	11.1	8.4	11.5	8.3	12.0	8.1	
125 (14.0)	20.0	13.7	10.4	14.0	10.6	14.6	10.4	14.8	10.5	15.1	10.8	15.7	10.5	16.2	10.2
	22.5	13.6	10.3	13.9	10.5	14.4	10.3	14.7	10.4	15.0	10.7	15.5	10.5	16.1	10.2
	25.0	13.4	10.2	13.7	10.5	14.3	10.2	14.6	10.3	14.8	10.7	15.4	10.4	16.0	10.1
	27.5	13.3	10.2	13.6	10.4	14.1	10.2	14.4	10.3	14.7	10.6	15.3	10.4	15.8	10.1
	30.0	13.2	10.1	13.4	10.3	14.0	10.1	14.3	10.2	14.6	10.6	15.1	10.3	15.7	10.0
	32.5	13.0	10.0	13.3	10.3	13.9	10.1	14.1	10.2	14.4	10.5	15.0	10.3	15.5	10.0
	35.0	12.9	10.0	13.2	10.2	13.7	10.0	14.0	10.1	14.3	10.5	14.8	10.2	15.4	9.9
	37.5	12.7	9.9	13.0	10.1	13.6	9.9	13.9	10.1	14.1	10.4	14.7	10.2	15.3	9.9
	40.0	12.6	9.8	12.9	10.1	13.4	9.9	13.7	10.0	14.0	10.3	14.6	10.1	15.1	9.9
43.0	12.4	9.7	12.7	10.0	13.3	9.8	13.6	9.9	13.8	10.3	14.4	10.0	15.0	9.8	
140 (16.0)	20.0	15.7	11.5	16.0	11.8	16.6	11.5	17.0	11.6	17.3	11.9	17.9	11.6	18.6	11.3
	22.5	15.5	11.4	15.8	11.7	16.5	11.4	16.8	11.5	17.1	11.9	17.8	11.5	18.4	11.2
	25.0	15.4	11.4	15.7	11.6	16.3	11.3	16.6	11.4	17.0	11.8	17.6	11.5	18.2	11.2
	27.5	15.2	11.3	15.5	11.5	16.2	11.3	16.5	11.4	16.8	11.7	17.4	11.4	18.1	11.1
	30.0	15.0	11.2	15.4	11.4	16.0	11.2	16.3	11.3	16.6	11.7	17.3	11.4	17.9	11.0
	32.5	14.9	11.1	15.2	11.4	15.8	11.1	16.2	11.2	16.5	11.6	17.1	11.3	17.8	11.0
	35.0	14.7	11.0	15.0	11.3	15.7	11.1	16.0	11.2	16.3	11.5	17.0	11.2	17.6	10.9
	37.5	14.6	11.0	14.9	11.2	15.5	11.0	15.8	11.1	16.2	11.5	16.8	11.2	17.4	10.9
	40.0	14.4	10.9	14.7	11.1	15.4	10.9	15.7	11.0	16.0	11.4	16.6	11.1	17.3	10.8
43.0	14.2	10.8	14.5	11.1	15.2	10.8	15.5	10.9	15.8	11.3	16.4	11.0	17.1	10.8	

PEFY-P-VMM-A

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

PEFY-P-VMM-A

SHC:Sensible heat Capacity(kW)

Unit size	Outdoor air temp. °CWB	Indoor air temp.:°CDB			
		15.0	20.0	25.0	27.0
		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. °CWB	Indoor air temp.:°CDB			
		15.0	20.0	25.0	27.0
		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	

PEFY-P-VMM-A

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

PEFY-P-VMM-A

CA:Capacity(kcal/h)
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	
		CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
20	20.0	1813	1520	1901	1588	2049	1585	2157	1637	2192	1691	2320	1668	2459	1644
	22.5	1813	1520	1894	1584	2031	1578	2131	1626	2164	1681	2290	1657	2424	1633
	25.0	1799	1513	1876	1576	2008	1568	2105	1616	2137	1670	2259	1646	2389	1621
	27.5	1784	1507	1857	1568	1985	1559	2079	1606	2110	1660	2229	1635	2354	1610
	30.0	1770	1500	1839	1560	1962	1549	2052	1595	2083	1649	2198	1625	2319	1598
	32.5	1755	1494	1821	1552	1939	1540	2026	1585	2055	1638	2167	1614	2285	1587
	35.0	1741	1487	1802	1544	1916	1530	2000	1575	2028	1628	2137	1603	2250	1575
	37.5	1726	1480	1784	1536	1893	1521	1974	1564	2001	1618	2106	1592	2215	1564
	40.0	1712	1474	1766	1527	1870	1511	1948	1554	1974	1607	2076	1581	2180	1553
43.0	1695	1466	1744	1518	1843	1500	1916	1542	1941	1595	2039	1568	2139	1539	
25	20.0	2266	1734	2377	1807	2561	1806	2697	1858	2740	1912	2900	1885	3073	1856
	22.5	2266	1734	2367	1802	2539	1796	2664	1844	2705	1898	2862	1870	3030	1841
	25.0	2248	1726	2345	1791	2510	1784	2631	1830	2671	1884	2824	1856	2986	1825
	27.5	2230	1717	2322	1781	2482	1771	2598	1816	2637	1870	2786	1841	2943	1810
	30.0	2212	1708	2299	1770	2453	1758	2566	1803	2603	1856	2748	1827	2899	1795
	32.5	2194	1700	2276	1759	2424	1746	2533	1789	2569	1842	2709	1812	2856	1780
	35.0	2176	1691	2253	1748	2395	1733	2500	1776	2535	1828	2671	1798	2812	1765
	37.5	2158	1682	2230	1738	2367	1721	2467	1762	2501	1814	2633	1784	2769	1750
	40.0	2140	1674	2207	1727	2338	1708	2434	1749	2467	1801	2595	1769	2725	1735
43.0	2118	1663	2180	1714	2304	1693	2395	1732	2426	1784	2549	1752	2673	1717	
32	20.0	2855	2160	2995	2249	3227	2249	3398	2312	3452	2378	3654	2344	3872	2308
	22.5	2855	2160	2983	2243	3199	2236	3357	2294	3409	2360	3606	2325	3817	2288
	25.0	2833	2149	2954	2229	3163	2220	3315	2277	3366	2342	3558	2307	3763	2269
	27.5	2810	2138	2925	2216	3127	2204	3274	2259	3323	2324	3510	2288	3708	2249
	30.0	2787	2127	2896	2202	3091	2188	3233	2242	3280	2306	3462	2270	3653	2230
	32.5	2765	2116	2868	2188	3055	2172	3191	2224	3237	2289	3414	2251	3598	2211
	35.0	2742	2104	2839	2175	3018	2156	3150	2207	3194	2271	3366	2233	3544	2191
	37.5	2719	2093	2810	2161	2982	2140	3109	2190	3151	2253	3318	2215	3489	2172
	40.0	2696	2083	2781	2148	2946	2124	3067	2173	3109	2236	3270	2197	3434	2153
43.0	2669	2069	2746	2131	2902	2105	3018	2152	3057	2215	3212	2175	3368	2131	
40	20.0	3625	2805	3803	2923	4098	2921	4315	3006	4383	3096	4640	3052	4917	3006
	22.5	3625	2805	3788	2916	4063	2906	4262	2985	4329	3074	4579	3029	4848	2982
	25.0	3597	2791	3751	2899	4017	2886	4210	2963	4274	3051	4518	3006	4778	2957
	27.5	3568	2778	3715	2882	3971	2866	4157	2941	4220	3029	4457	2983	4708	2933
	30.0	3539	2764	3678	2864	3925	2846	4105	2919	4165	3007	4396	2960	4639	2909
	32.5	3511	2750	3641	2847	3879	2826	4052	2898	4111	2985	4335	2937	4569	2885
	35.0	3482	2736	3605	2830	3833	2806	4000	2876	4056	2963	4274	2914	4500	2861
	37.5	3453	2722	3568	2813	3787	2786	3948	2855	4002	2941	4213	2892	4430	2837
	40.0	3424	2709	3531	2797	3741	2766	3895	2833	3947	2919	4152	2869	4361	2813
43.0	3389	2692	3487	2776	3686	2742	3832	2808	3882	2893	4078	2842	4277	2785	
50	20.0	4532	3420	4753	3560	5123	3560	5393	3660	5479	3764	5800	3710	6146	3653
	22.5	4532	3420	4735	3551	5078	3540	5328	3632	5411	3735	5724	3681	6059	3622
	25.0	4496	3402	4689	3529	5021	3515	5262	3604	5343	3707	5648	3651	5972	3591
	27.5	4460	3385	4643	3507	4963	3489	5197	3576	5275	3678	5571	3622	5886	3560
	30.0	4424	3367	4597	3486	4906	3463	5131	3548	5207	3650	5495	3592	5799	3529
	32.5	4388	3349	4552	3464	4848	3438	5066	3521	5139	3622	5419	3563	5712	3498
	35.0	4352	3332	4506	3442	4791	3413	5000	3493	5070	3594	5342	3534	5625	3468
	37.5	4316	3314	4460	3421	4734	3387	4934	3466	5002	3566	5266	3505	5538	3437
	40.0	4280	3297	4414	3399	4676	3362	4869	3439	4934	3538	5190	3476	5451	3407
43.0	4237	3276	4359	3374	4607	3332	4790	3406	4852	3505	5098	3442	5347	3371	
63	20.0	5710	4267	5989	4440	6455	4441	6796	4563	6904	4691	7309	4624	7744	4552
	22.5	5710	4267	5966	4429	6399	4416	6713	4528	6818	4655	7212	4586	7635	4512
	25.0	5665	4245	5908	4401	6326	4383	6630	4492	6732	4619	7116	4549	7525	4473
	27.5	5620	4222	5851	4374	6254	4351	6548	4457	6646	4583	7020	4511	7416	4433
	30.0	5574	4200	5793	4346	6181	4318	6465	4422	6560	4547	6924	4474	7306	4394
	32.5	5529	4177	5735	4319	6109	4286	6383	4387	6475	4511	6828	4437	7197	4355
	35.0	5484	4155	5677	4291	6037	4254	6300	4352	6389	4475	6731	4400	7087	4316
	37.5	5438	4133	5620	4264	5964	4222	6217	4317	6303	4440	6635	4363	6978	4278
	40.0	5393	4111	5562	4236	5892	4190	6135	4283	6217	4405	6539	4326	6868	4239
43.0	5338	4084	5493	4204	5805	4151	6036	4241	6114	4362	6424	4282	6737	4193	

PEFY-P-VMM-A

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-VMM-A

Unit size	Outdoor air temp. °CDB	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
71	20.0	6435	4778	6750	4971	7274	4973	7659	5108	7780	5249	8237	5174	8728	5093
	22.5	6435	4778	6724	4958	7211	4944	7566	5067	7684	5208	8128	5131	8604	5047
	25.0	6385	4752	6659	4927	7130	4907	7472	5027	7587	5167	8020	5088	8481	5003
	27.5	6334	4727	6593	4895	7048	4870	7379	4987	7490	5126	7911	5045	8358	4958
	30.0	6282	4702	6528	4864	6966	4833	7286	4947	7393	5085	7803	5003	8234	4913
	32.5	6231	4676	6463	4833	6885	4797	7193	4908	7297	5045	7695	4961	8111	4869
	35.0	6180	4651	6398	4802	6803	4760	7100	4868	7200	5004	7586	4919	7987	4825
	37.5	6129	4626	6333	4770	6722	4724	7007	4829	7103	4964	7478	4877	7864	4781
	40.0	6078	4601	6268	4739	6640	4687	6914	4789	7006	4924	7369	4836	7740	4738
	43.0	6016	4571	6190	4702	6542	4644	6802	4742	6890	4876	7239	4786	7592	4686
80	20.0	7251	5192	7605	5395	8196	5402	8629	5539	8767	5680	9281	5597	9834	5507
	22.5	7251	5192	7576	5380	8125	5369	8525	5491	8658	5631	9159	5546	9695	5454
	25.0	7194	5163	7503	5343	8033	5325	8420	5444	8549	5583	9036	5496	9556	5401
	27.5	7136	5133	7429	5306	7941	5282	8315	5397	8440	5535	8914	5446	9417	5349
	30.0	7079	5104	7356	5270	7849	5239	8210	5350	8331	5487	8792	5396	9278	5296
	32.5	7021	5074	7283	5233	7758	5196	8105	5304	8222	5440	8670	5347	9139	5244
	35.0	6963	5044	7209	5197	7666	5153	8000	5257	8113	5392	8548	5298	9000	5193
	37.5	6906	5015	7136	5160	7574	5110	7895	5211	8004	5345	8426	5249	8861	5141
	40.0	6848	4986	7063	5124	7482	5068	7790	5165	7895	5298	8304	5200	8722	5090
	43.0	6779	4950	6975	5081	7371	5017	7664	5110	7764	5242	8157	5142	8555	5029
100	20.0	9063	7091	9507	7392	10245	7387	10787	7606	10958	7837	11601	7727	12293	7609
	22.5	9063	7091	9470	7375	10157	7348	10656	7551	10822	7781	11448	7669	12119	7549
	25.0	8993	7057	9378	7332	10042	7298	10525	7497	10686	7726	11296	7612	11945	7488
	27.5	8920	7023	9287	7290	9927	7248	10393	7443	10550	7671	11143	7554	11771	7428
	30.0	8848	6988	9195	7247	9812	7198	10262	7389	10413	7616	10990	7497	11597	7368
	32.5	8776	6954	9103	7205	9697	7149	10131	7336	10277	7561	10837	7440	11423	7309
	35.0	8704	6920	9012	7163	9582	7099	10000	7282	10141	7507	10685	7384	11250	7249
	37.5	8632	6886	8920	7121	9467	7050	9869	7229	10005	7452	10532	7328	11076	7190
	40.0	8560	6852	8828	7079	9352	7001	9738	7176	9868	7398	10379	7271	10902	7131
	43.0	8474	6811	8718	7028	9214	6942	9580	7112	9705	7333	10196	7204	10693	7061
125	20.0	11329	8681	11883	9043	12807	9040	13484	9300	13698	9573	14501	9437	15366	9292
	22.5	11329	8681	11837	9021	12696	8991	13320	9231	13527	9502	14310	9364	15149	9215
	25.0	11241	8639	11723	8967	12552	8928	13156	9162	13357	9432	14119	9291	14931	9138
	27.5	11151	8595	11608	8913	12408	8864	12992	9093	13187	9362	13929	9218	14714	9062
	30.0	11060	8551	11494	8860	12265	8801	12828	9025	13017	9292	13738	9145	14497	8986
	32.5	10970	8508	11379	8806	12121	8738	12664	8957	12846	9223	13547	9073	14279	8910
	35.0	10880	8464	11265	8752	11977	8676	12500	8889	12676	9153	13356	9002	14062	8835
	37.5	10790	8421	11150	8699	11834	8613	12336	8821	12506	9084	13165	8930	13845	8760
	40.0	10700	8378	11035	8646	11690	8551	12172	8754	12335	9016	12974	8859	13627	8685
	43.0	10592	8326	10898	8582	11518	8477	11975	8674	12131	8934	12745	8774	13367	8596
140	20.0	12689	9504	13309	9893	14344	9894	15102	10167	15342	10454	16241	10304	17210	10143
	22.5	12689	9504	13258	9868	14219	9838	14918	10088	15151	10373	16028	10220	16966	10055
	25.0	12590	9456	13130	9806	14058	9765	14734	10010	14960	10293	15814	10136	16723	9967
	27.5	12489	9406	13001	9745	13897	9693	14551	9931	14769	10213	15600	10053	16480	9880
	30.0	12388	9356	12873	9683	13737	9621	14367	9853	14579	10133	15386	9970	16236	9793
	32.5	12287	9307	12745	9622	13576	9549	14184	9776	14388	10054	15172	9888	15993	9706
	35.0	12186	9257	12616	9561	13415	9478	14000	9698	14197	9975	14959	9806	15749	9620
	37.5	12085	9208	12488	9500	13254	9407	13816	9621	14006	9896	14745	9724	15506	9535
	40.0	11984	9159	12360	9440	13093	9336	13633	9544	13816	9817	14531	9643	15263	9449
	43.0	11863	9100	12206	9367	12900	9251	13412	9453	13587	9724	14275	9546	14971	9348

PEFY-P-VMM-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-VMM-A

SHC:Sensible heat Capacity(kcal/h)

PEFY-P-VMM-A

Unit size	Outdoor air temp.	Indoor air temp.:°CDB			
		15	21	25	27
20	°CWB	SHC	SHC	SHC	SHC
	-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
71	°CWB	SHC	SHC	SHC	SHC
	-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

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

PEFY-P-VMM-A

CA:Capacity(kcal/h)

SHC:Sensible heat Capacity(kcal/h)

Unit size	Water 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	
	°C	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
20	10	1914	1567	1980	1623	2105	1609	2200	1654	2229	1706	2354	1681	2486	1653
	20	1844	1535	1908	1591	2029	1577	2120	1622	2148	1674	2268	1650	2396	1623
	30	1740	1487	1800	1543	1914	1529	2000	1575	2026	1627	2140	1604	2260	1579
	40	1514	1385	1566	1441	1665	1428	1740	1475	1763	1528	1862	1507	1966	1484
	45	1427	1346	1476	1402	1569	1390	1640	1437	1661	1490	1755	1470	1853	1448
25	10	2393	1796	2475	1853	2632	1837	2750	1880	2786	1931	2943	1901	3108	1868
	20	2306	1754	2385	1810	2536	1795	2650	1838	2684	1889	2836	1860	2995	1828
	30	2175	1690	2250	1747	2393	1732	2500	1776	2533	1827	2675	1799	2825	1769
	40	1892	1557	1958	1613	2081	1599	2175	1644	2203	1696	2327	1671	2458	1644
	45	1784	1507	1845	1563	1962	1549	2050	1594	2077	1647	2194	1623	2317	1597
32	10	3015	2239	3119	2308	3316	2289	3465	2340	3510	2402	3708	2365	3915	2323
	20	2905	2184	3005	2254	3195	2234	3339	2287	3382	2349	3573	2312	3773	2272
	30	2741	2104	2835	2173	3015	2154	3150	2207	3191	2270	3371	2235	3560	2197
	40	2384	1934	2466	2003	2623	1985	2741	2039	2776	2103	2932	2072	3097	2038
	45	2247	1870	2325	1939	2472	1922	2583	1977	2617	2040	2764	2011	2919	1979
40	10	3828	2904	3960	2997	4211	2971	4400	3042	4457	3127	4708	3078	4972	3025
	20	3689	2836	3816	2929	4058	2904	4240	2975	4295	3060	4537	3013	4791	2962
	30	3480	2735	3600	2828	3828	2804	4000	2876	4052	2961	4280	2917	4520	2868
	40	3028	2523	3132	2615	3330	2592	3480	2667	3525	2753	3724	2713	3932	2669
	45	2854	2443	2952	2535	3139	2513	3280	2588	3323	2675	3510	2636	3706	2595
50	10	4785	3545	4950	3655	5264	3624	5500	3705	5572	3803	5885	3743	6215	3678
	20	4611	3459	4770	3568	5072	3538	5300	3620	5369	3718	5671	3660	5989	3597
	30	4350	3331	4500	3440	4785	3410	5000	3493	5065	3592	5350	3537	5650	3477
	40	3785	3061	3915	3169	4163	3141	4350	3227	4407	3327	4655	3277	4916	3224
	45	3567	2959	3690	3067	3924	3040	4100	3127	4153	3227	4387	3180	4633	3129
63	10	6029	4426	6237	4561	6632	4522	6930	4622	7020	4741	7415	4666	7831	4584
	20	5810	4316	6010	4451	6391	4413	6678	4513	6765	4633	7145	4560	7546	4480
	30	5481	4154	5670	4288	6029	4250	6300	4352	6382	4473	6741	4403	7119	4327
	40	4768	3811	4933	3944	5245	3909	5481	4013	5552	4136	5865	4074	6194	4006
	45	4494	3682	4649	3815	4944	3781	5166	3887	5233	4009	5528	3950	5838	3886
71	10	6795	4958	7029	5108	7474	5064	7810	5174	7912	5305	8357	5221	8825	5128
	20	6548	4834	6773	4982	7202	4940	7526	5050	7624	5183	8053	5101	8504	5011
	30	6177	4650	6390	4798	6795	4756	7100	4868	7192	5001	7597	4923	8023	4838
	40	5374	4261	5559	4408	5911	4369	6177	4484	6257	4619	6609	4550	6980	4474
	45	5065	4115	5240	4262	5572	4224	5822	4341	5898	4476	6230	4410	6579	4338
80	10	7656	5404	7920	5555	8422	5510	8800	5616	8914	5746	9416	5653	9944	5550
	20	7378	5258	7632	5409	8115	5364	8480	5471	8590	5602	9074	5511	9582	5411
	30	6960	5043	7200	5192	7656	5149	8000	5257	8104	5389	8560	5303	9040	5208
	40	6055	4590	6264	4737	6661	4697	6960	4809	7050	4942	7447	4866	7865	4782
	45	5707	4421	5904	4568	6278	4528	6560	4642	6645	4776	7019	4703	7413	4623
100	10	9570	7336	9900	7576	10527	7510	11000	7694	11143	7913	11770	7791	12430	7657
	20	9222	7167	9540	7407	10144	7343	10600	7528	10738	7747	11342	7629	11978	7500
	30	8700	6918	9000	7157	9570	7094	10000	7282	10130	7502	10700	7390	11300	7267
	40	7569	6390	7830	6628	8326	6569	8700	6762	8813	6985	9309	6884	9831	6774
	45	7134	6191	7380	6429	7847	6372	8200	6567	8307	6790	8774	6694	9266	6589
125	10	11963	8992	12375	9277	13159	9197	13750	9412	13929	9669	14713	9518	15538	9353
	20	11528	8778	11925	9063	12680	8984	13250	9201	13422	9459	14178	9313	14973	9153
	30	10875	8462	11250	8746	11963	8669	12500	8889	12663	9148	13375	9009	14125	8856
	40	9461	7794	9788	8076	10407	8004	10875	8230	11016	8492	11636	8367	12289	8232
	45	8918	7542	9225	7824	9809	7755	10250	7983	10383	8246	10968	8127	11583	7998
140	10	13398	9858	13860	10160	14738	10073	15400	10296	15600	10564	16478	10397	17402	10213
	20	12911	9615	13356	9915	14202	9830	14840	10055	15033	10323	15879	10162	16769	9984
	30	12180	9254	12600	9553	13398	9471	14000	9698	14182	9968	14980	9814	15820	9645
	40	10597	8493	10962	8790	11656	8713	12180	8947	12338	9221	13033	9083	13763	8933
	45	9988	8208	10332	8504	10986	8429	11480	8666	11629	8941	12284	8810	12972	8667

PEFY-P-VMM-A

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

PEFY-P-VMM-A

Unit size	Water temp. °C	Indoor air temp.:°CDB			
		15	21	25	27
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

SHC:Sensible heat Capacity(kcal/h)

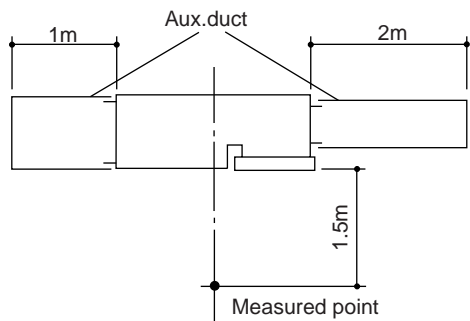
Unit size	Water temp. °C	Indoor air temp.:°CDB			
		15	21	25	27
71	10	6936	6800	5508	4896
	20	8160	8000	6480	5760
	30	8160	8000	6480	5760
	40	8486	8320	6739	5990
	45	9302	9120	7387	6566
80	10	7803	7650	6197	5508
	20	9180	9000	7290	6480
	30	9180	9000	7290	6480
	40	9547	9360	7582	6739
	45	10465	10260	8311	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

PEFY-P-VMM-A

3. Sound levels

3-1. Noise level(VMM-A)

Ceiling concealed (VMM-A series)



Noise level at anechoic room (Low-Middle-High)

Unit : dB(A)

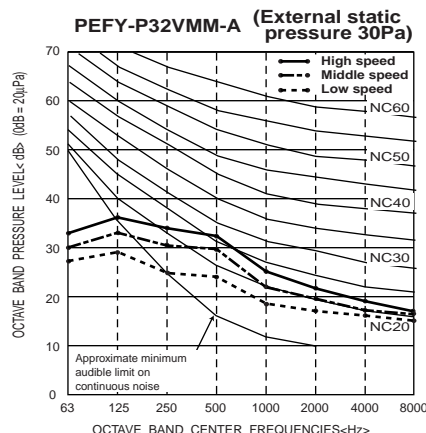
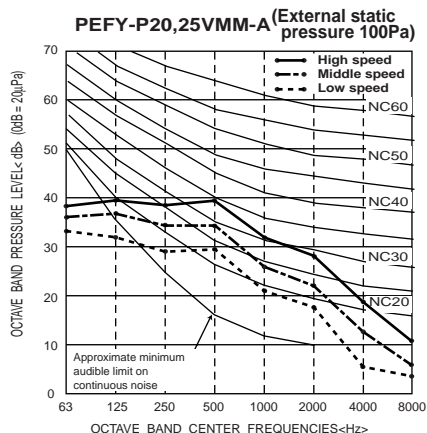
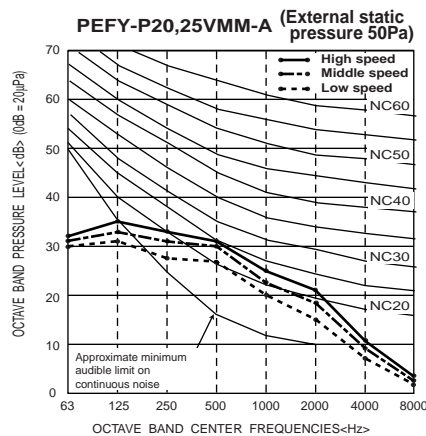
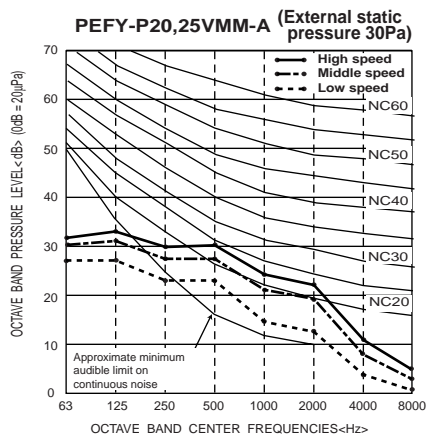
Model	External static pressure*		
	Low	Mid	High
PEFY-P20VMM-A PEFY-P25VMM-A	23-28-31	27-30-32	29-34-39
PEFY-P32VMM-A	26-30-33	28-32-35	32-36-39
PEFY-P40VMM-A	29-32-35	31-34-37	33-37-41
PEFY-P50VMM-A	29-34-37	31-35-38	34-38-41
PEFY-P63VMM-A	30-34-37	31-35-38	34-38-41
PEFY-P71VMM-A PEFY-P80VMM-A	31-34-37	32-36-39	35-39-42
PEFY-P100VMM-A	40-44	-	43-47
PEFY-P125VMM-A	42-45	-	44-47
PEFY-P140VMM-A	42-45	-	44-47

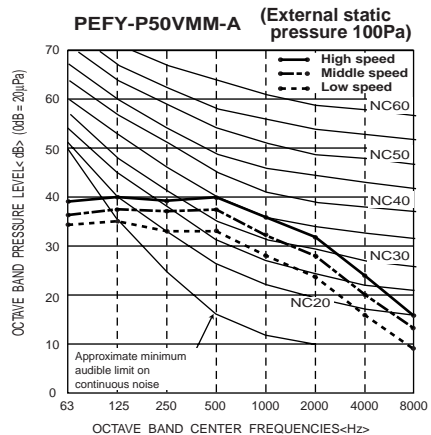
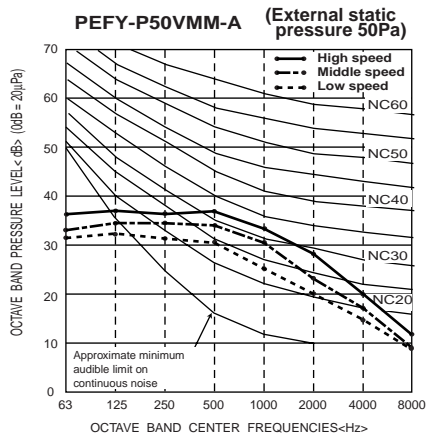
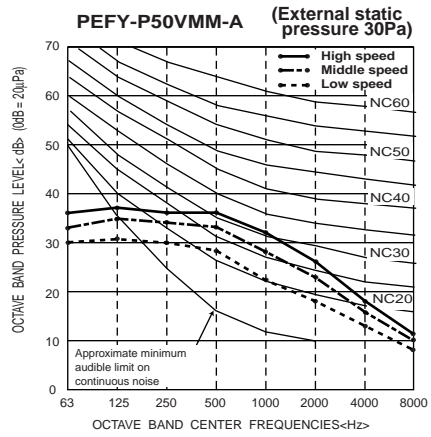
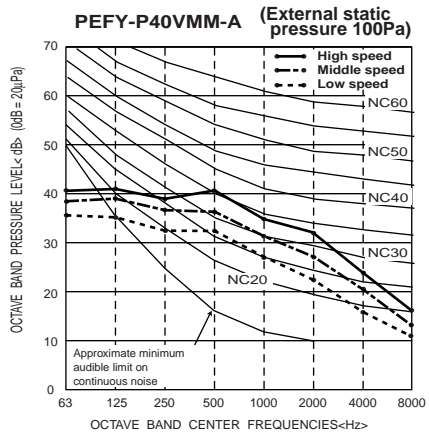
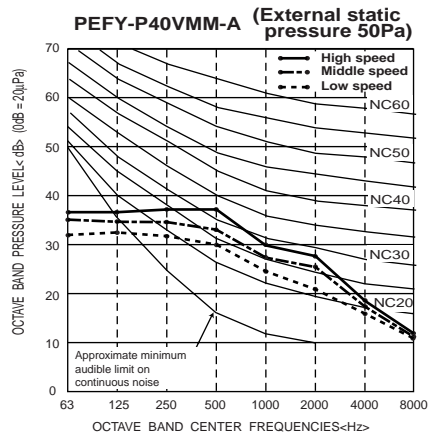
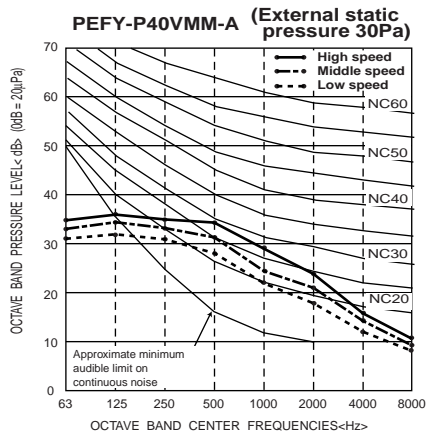
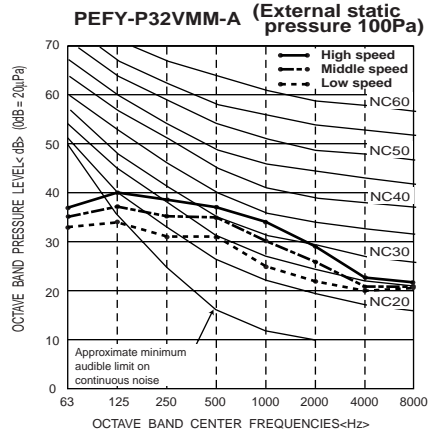
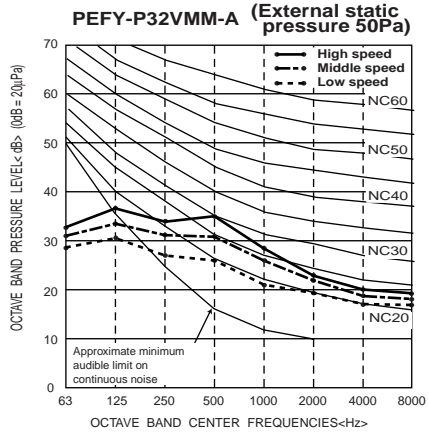
* PEFY-P20~80VMM-A
Low : 30Pa Mid : 50Pa High : 100Pa

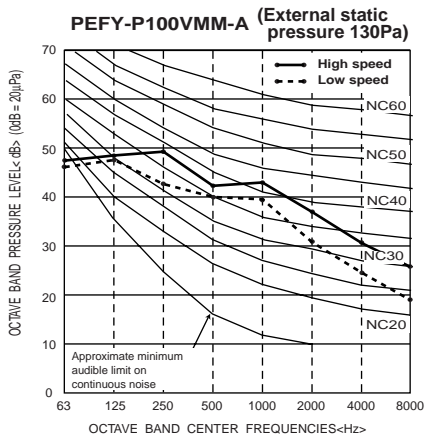
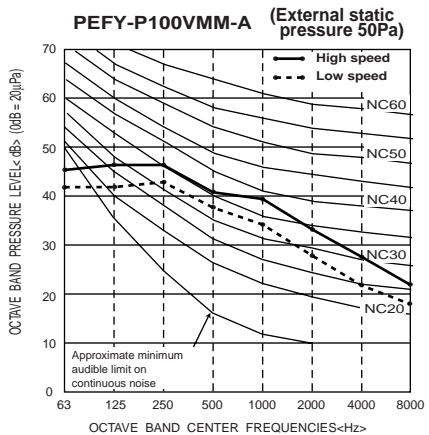
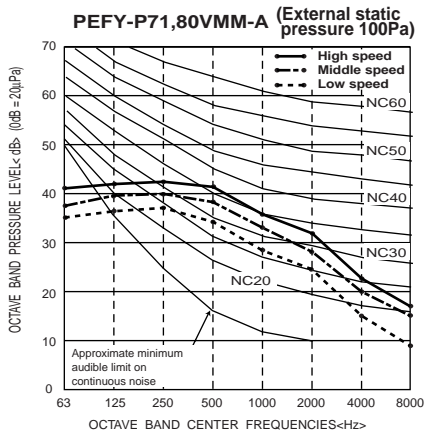
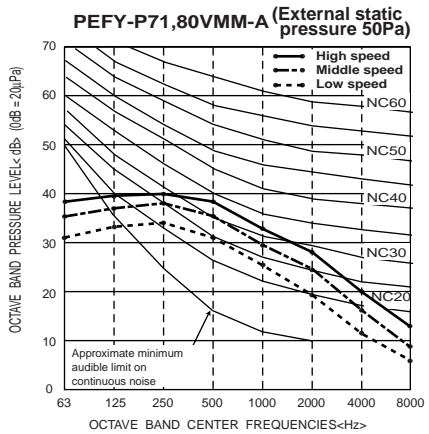
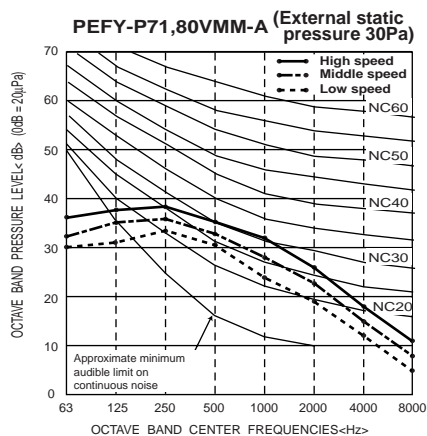
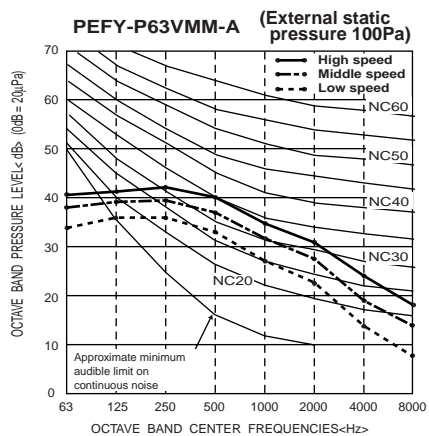
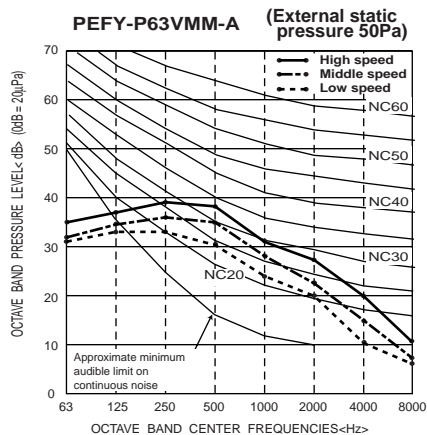
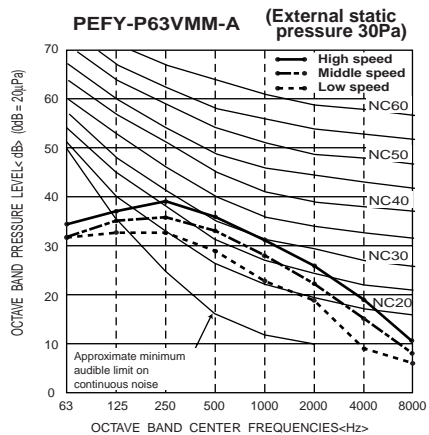
* PEFY-P100~140VMM-A
Low : 50Pa High : 130Pa

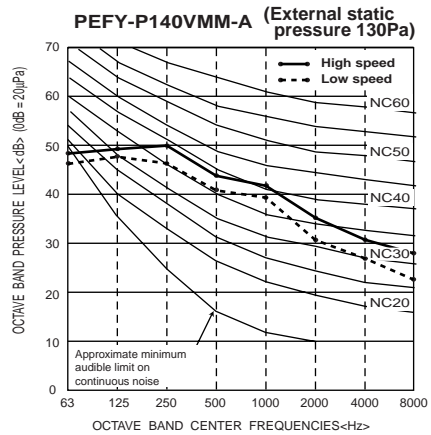
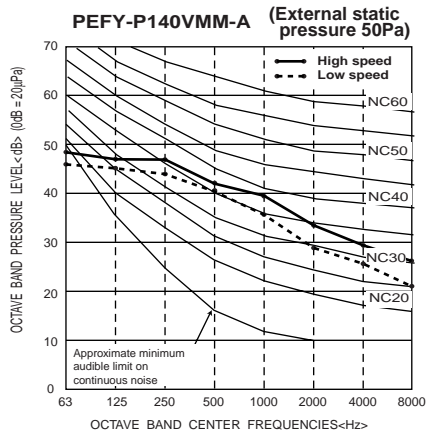
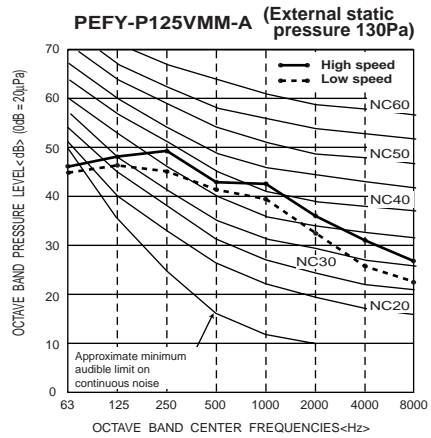
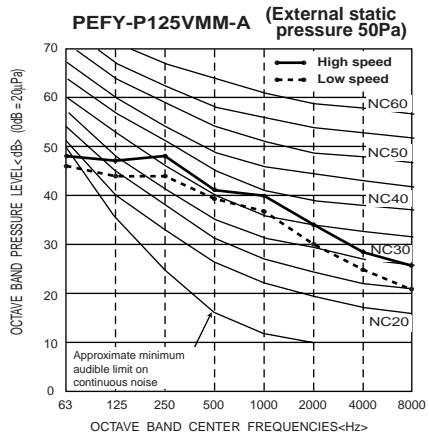
3-2. NC curves(VMM-A)

1) Back inlet

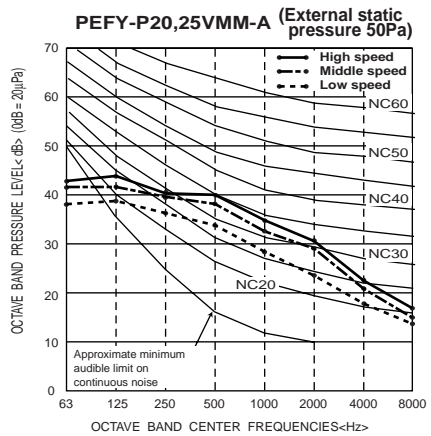
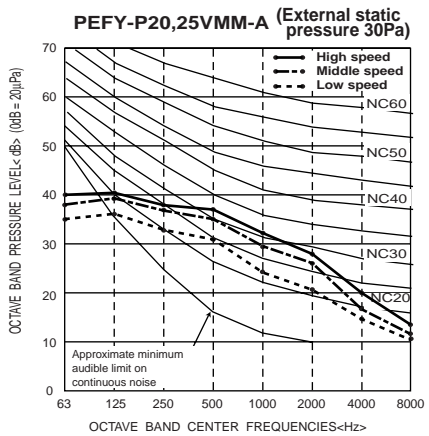


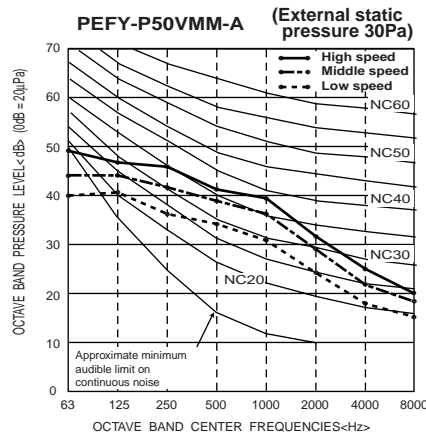
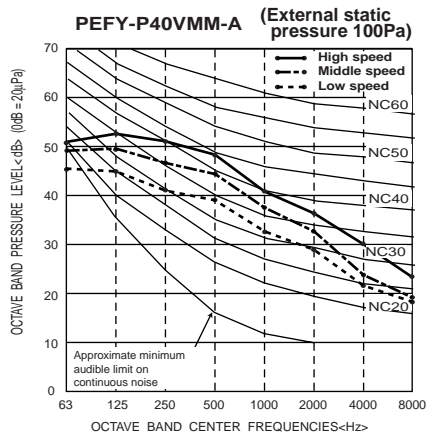
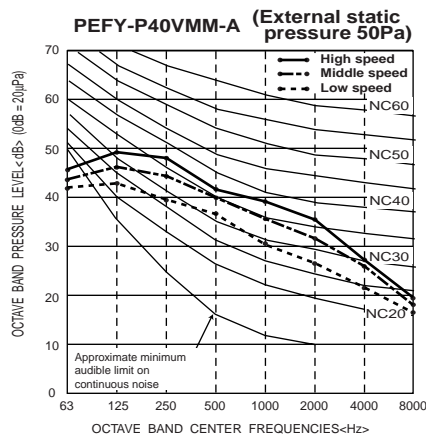
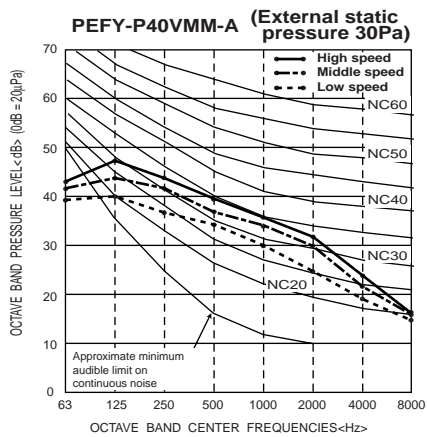
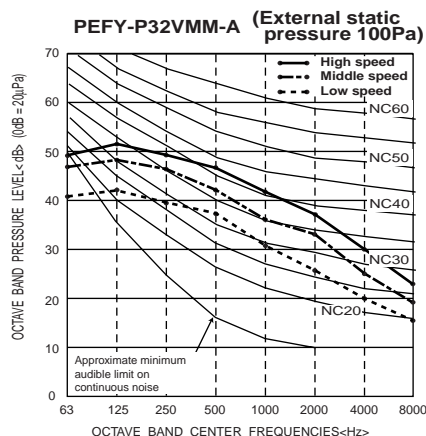
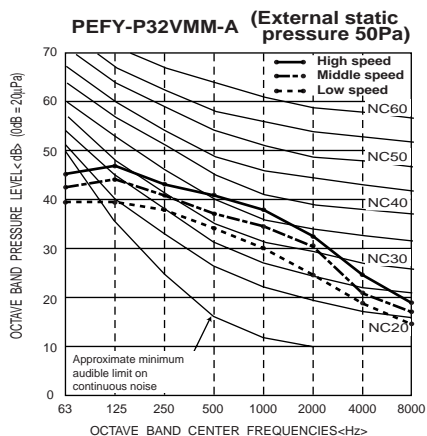
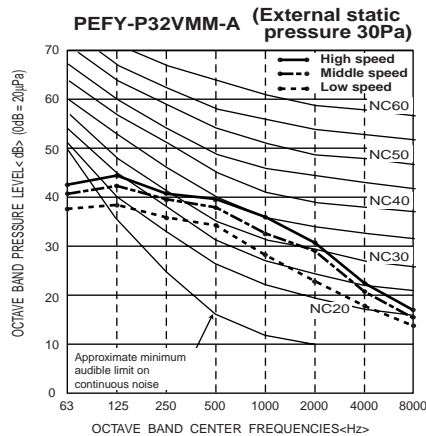
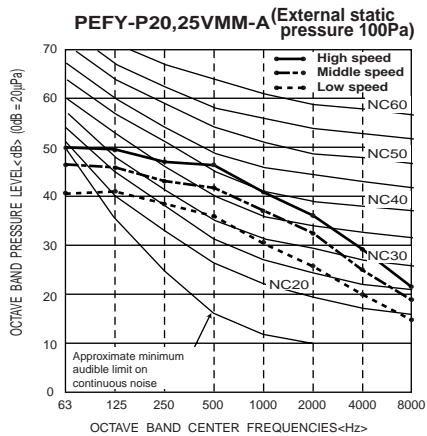


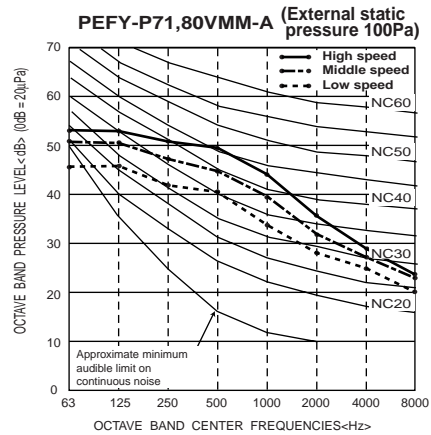
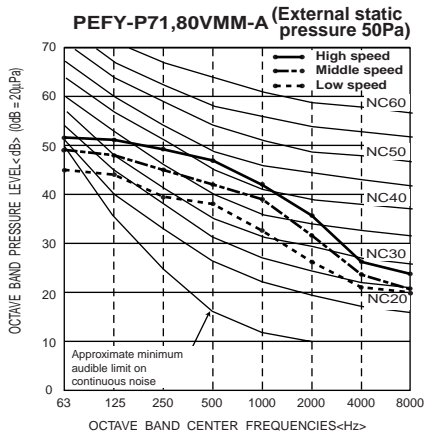
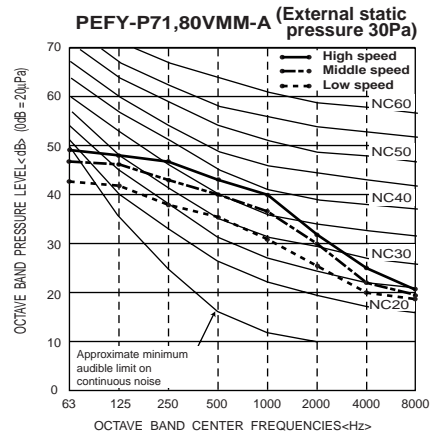
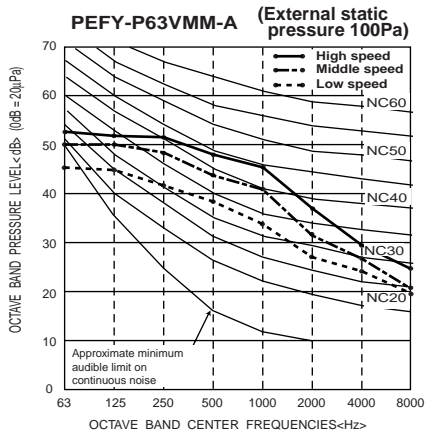
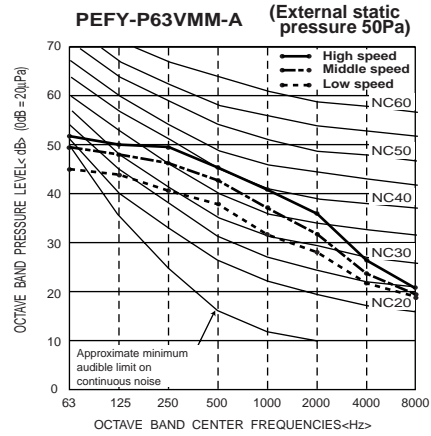
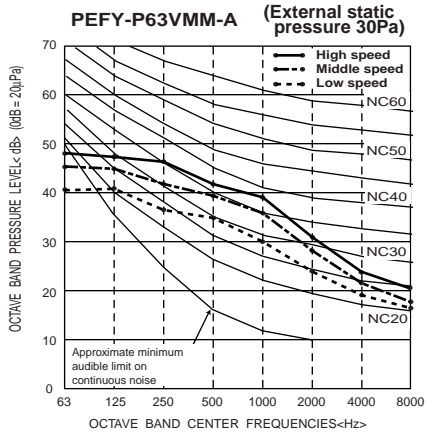
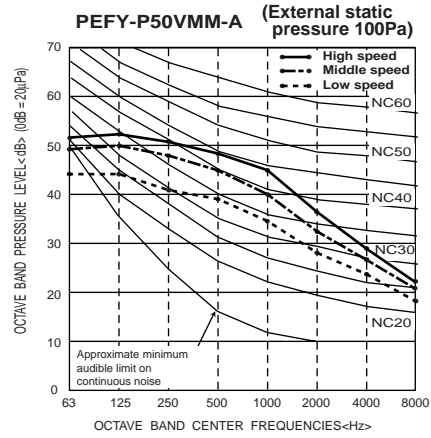
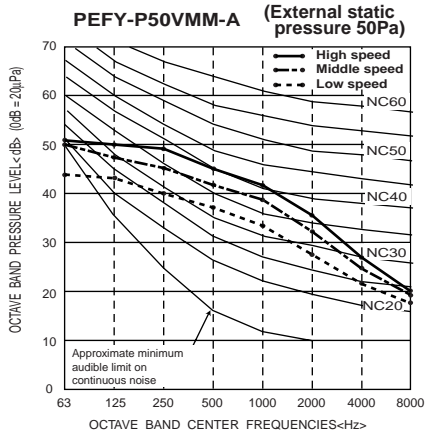


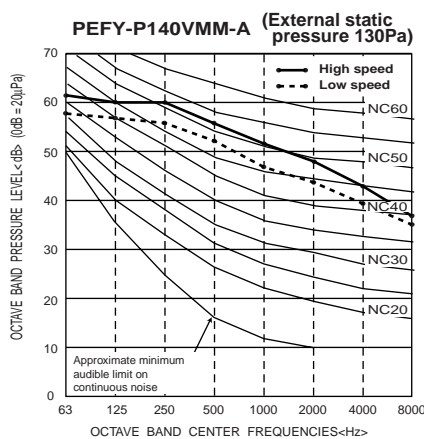
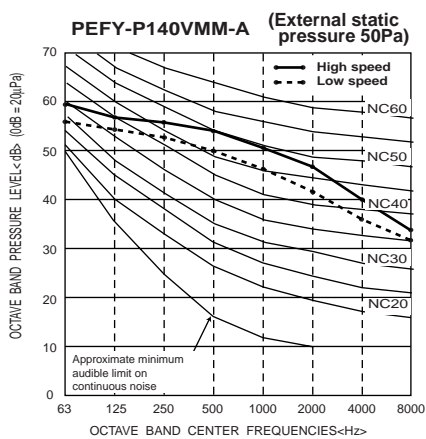
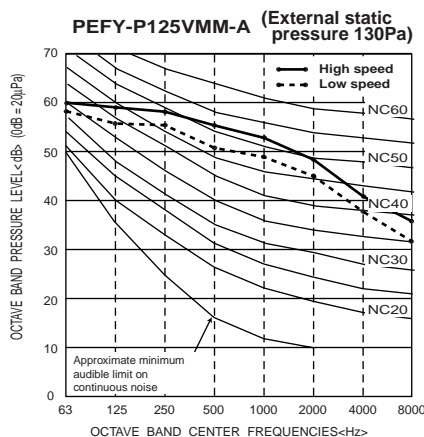
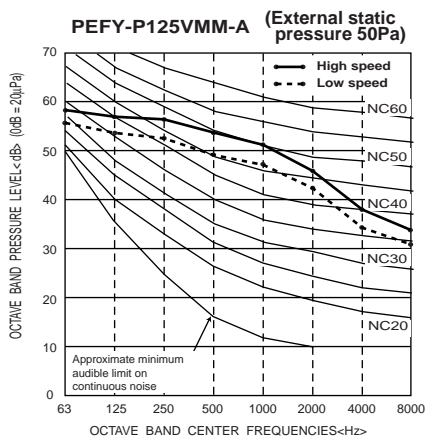
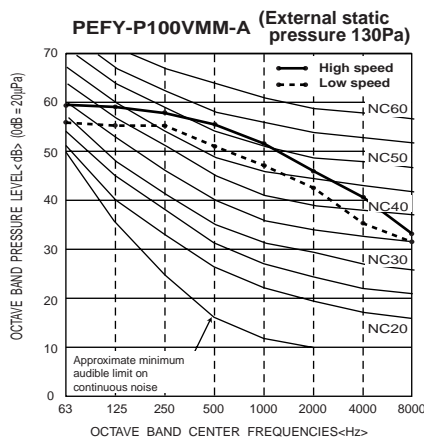
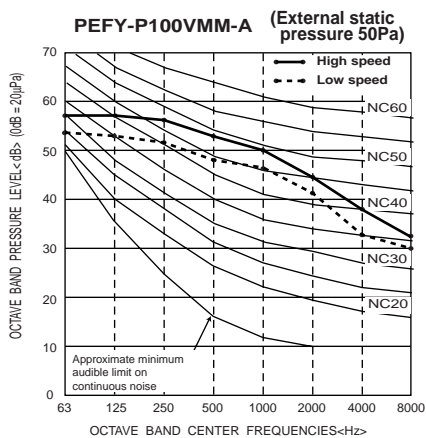


2) Bottom inlet







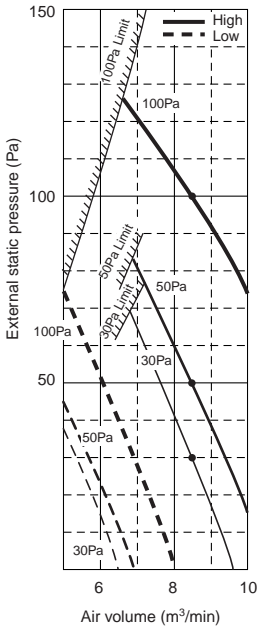


3-3. Fan characteristics curves(VMM-A)

PEFY-P-VMM-A

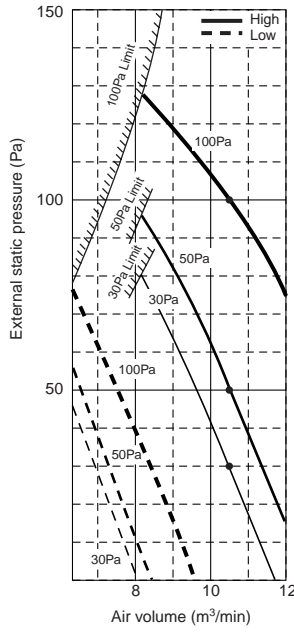
PEFY-P20,25VMM-A

External static pressure : 30,50,100Pa
Power source : 220-240(V)



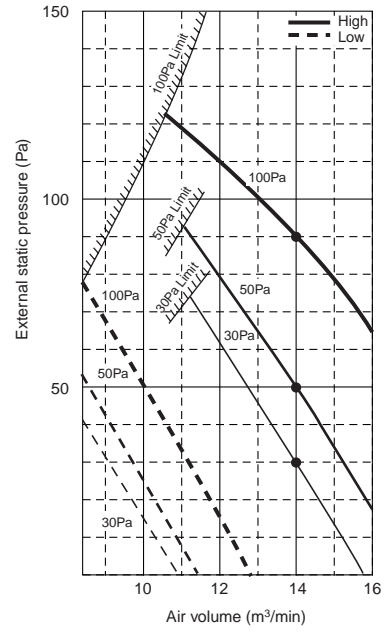
PEFY-P32VMM-A

External static pressure : 30,50,100Pa
Power source : 220-240(V)



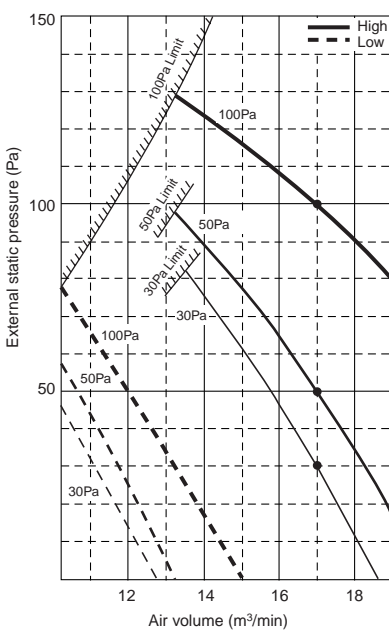
PEFY-P40VMM-A

External static pressure : 30,50,100Pa
Power source : 220-240(V)



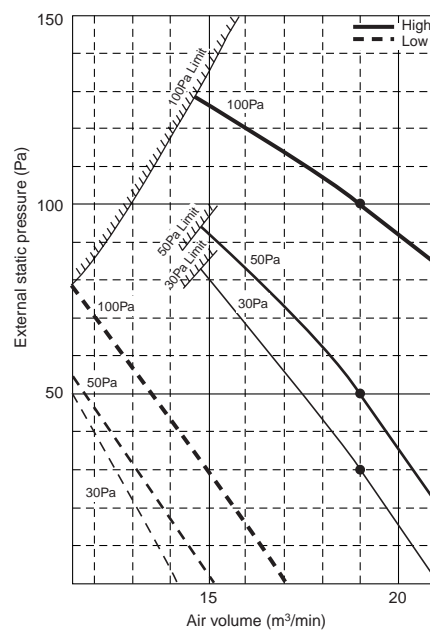
PEFY-P50VMM-A

External static pressure : 30,50,100Pa
Power source : 220-240(V)

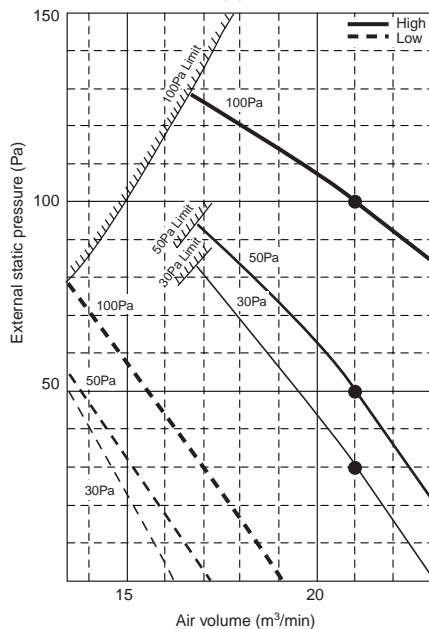


PEFY-P63VMM-A

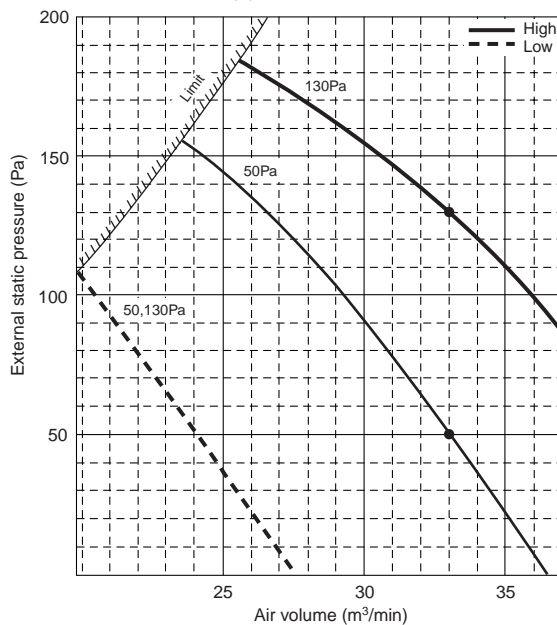
External static pressure : 30,50,100Pa
Power source : 220-240(V)



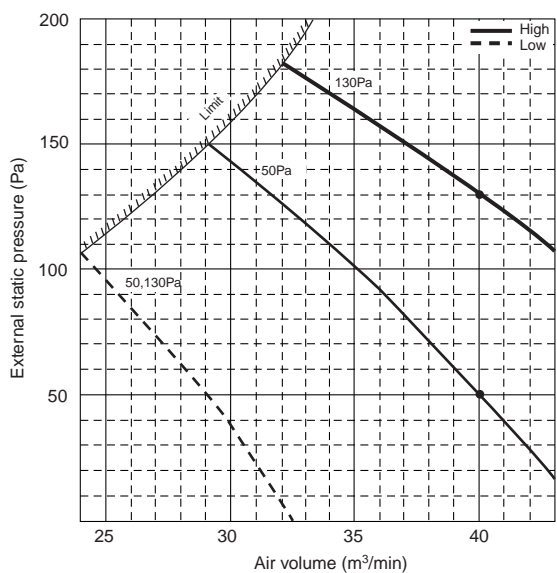
PEFY-P71,80VMM-A
 External static pressure : 30,50,100Pa
 Power source : 220-240(V)



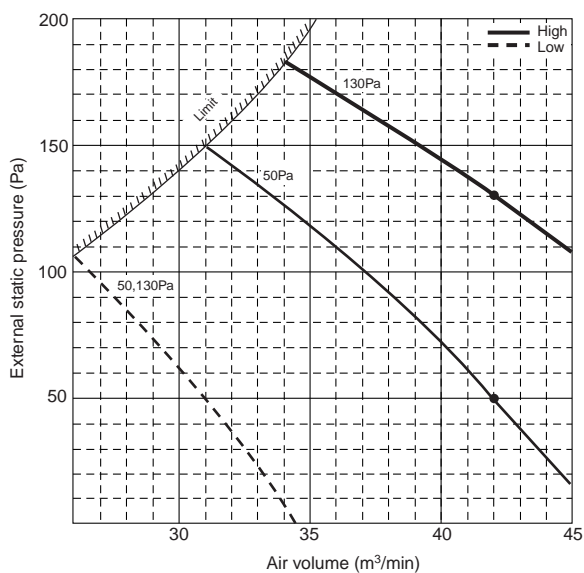
PEFY-P100VMM-A
 External static pressure : 50,130Pa
 Power source : 220-240(V)



PEFY-P125VMM-A
 External static pressure : 50,130Pa
 Power source : 220-240(V)



PEFY-P140VMM-A
 External static pressure : 50,130Pa
 Power source : 220-240(V)

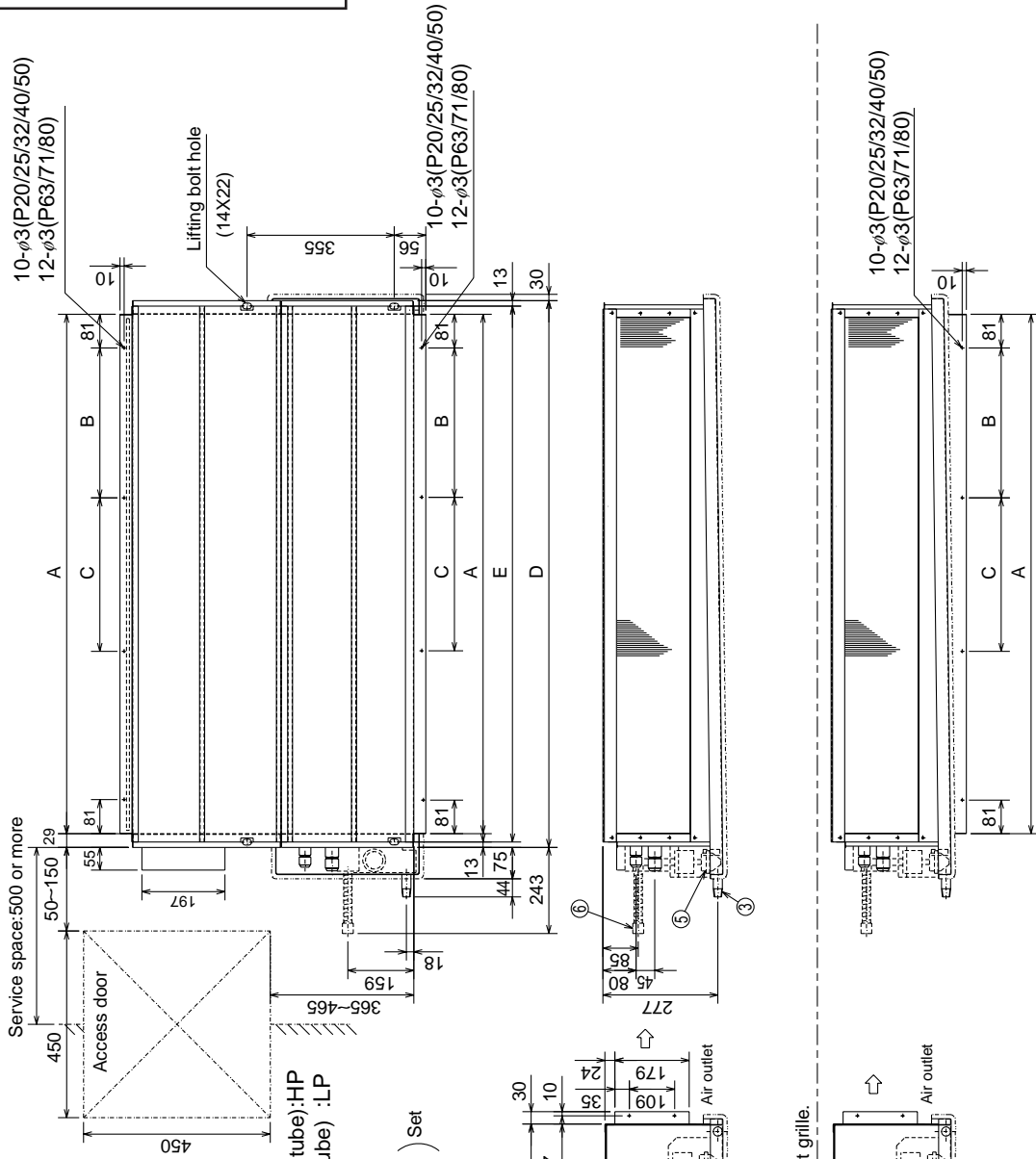


4. External Dimensions

PEFY-P-VMM-A

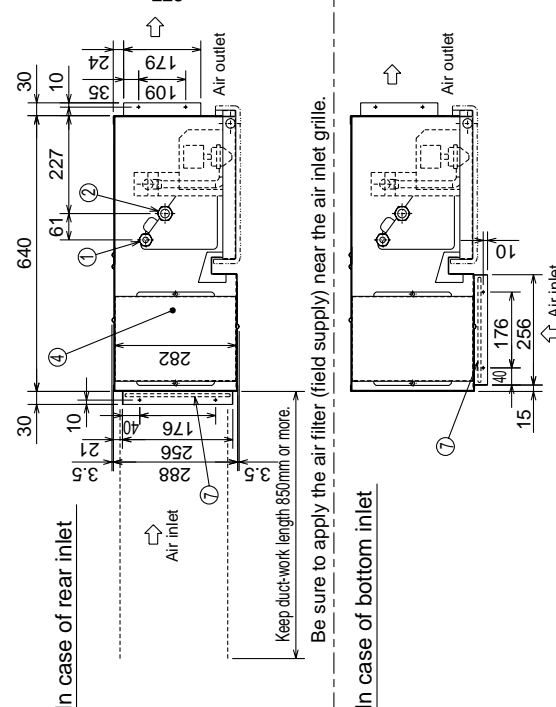
PEFY-P20,25,32,40,50,63,71,80VMM-A

Unit : mm



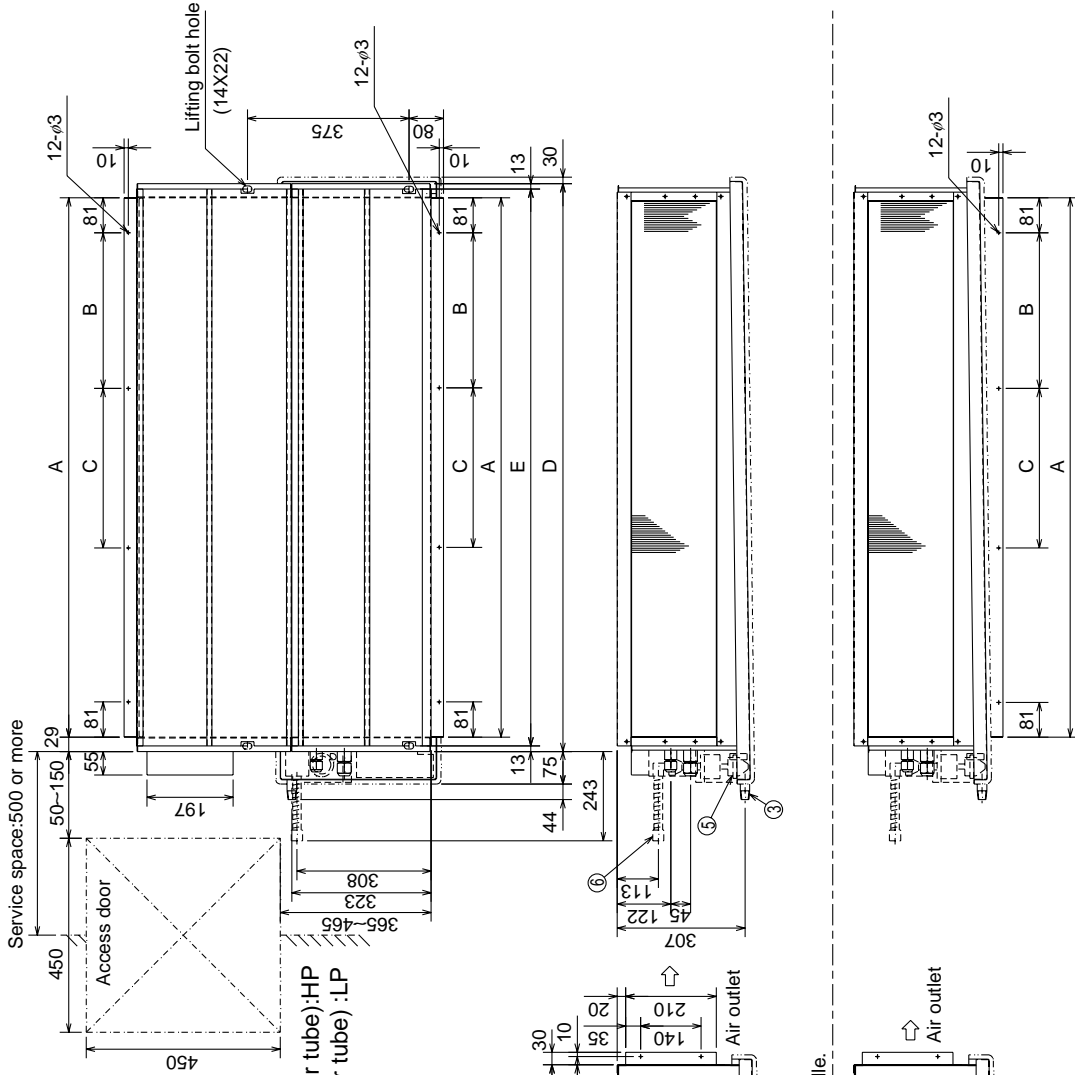
Model	A	B	C	D	E	F	G
P20,25,32	652	245	-	710	684	6.35	12.7
P40	772	305	-	830	804	6.35	12.7
P50	772	305	-	830	804	9.52	15.88
P63,71,80	1042	280	290	1070	1044	9.52	15.88

- ① Refrigerant piping flare connection (liquid ϕ F copper tube):HP
- ② Refrigerant piping flare connection (gas ϕ G copper tube) :LP
- ③ Drain R1 (External thread)
- ④ Electrical parts box
- ⑤ Drain Pump (Option)
- ⑥ Drain Pipe (Option) ...Flexible joint VP-25(I.D. ϕ 32)
- ⑦ Filter



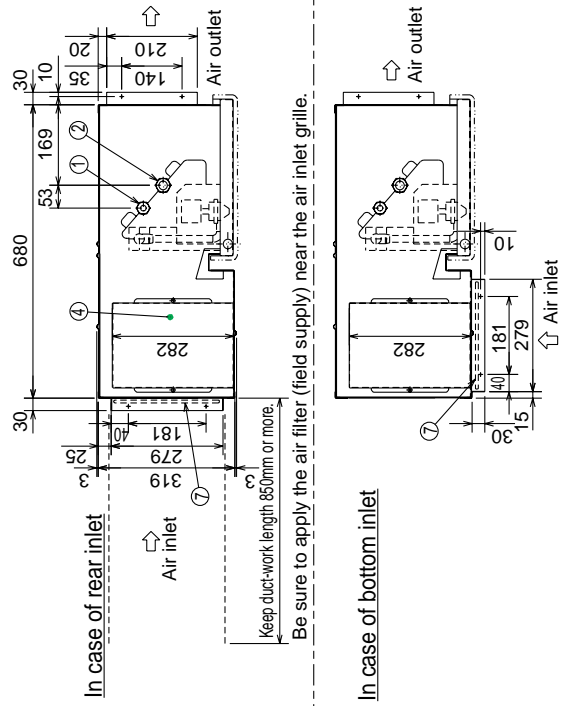
PEFY-P100,125,140VMM-A

Unit : mm



Model	A	B	C	D	E
P100-125	1252	360	370	1310	1284
P140	1552	460	470	1610	1584

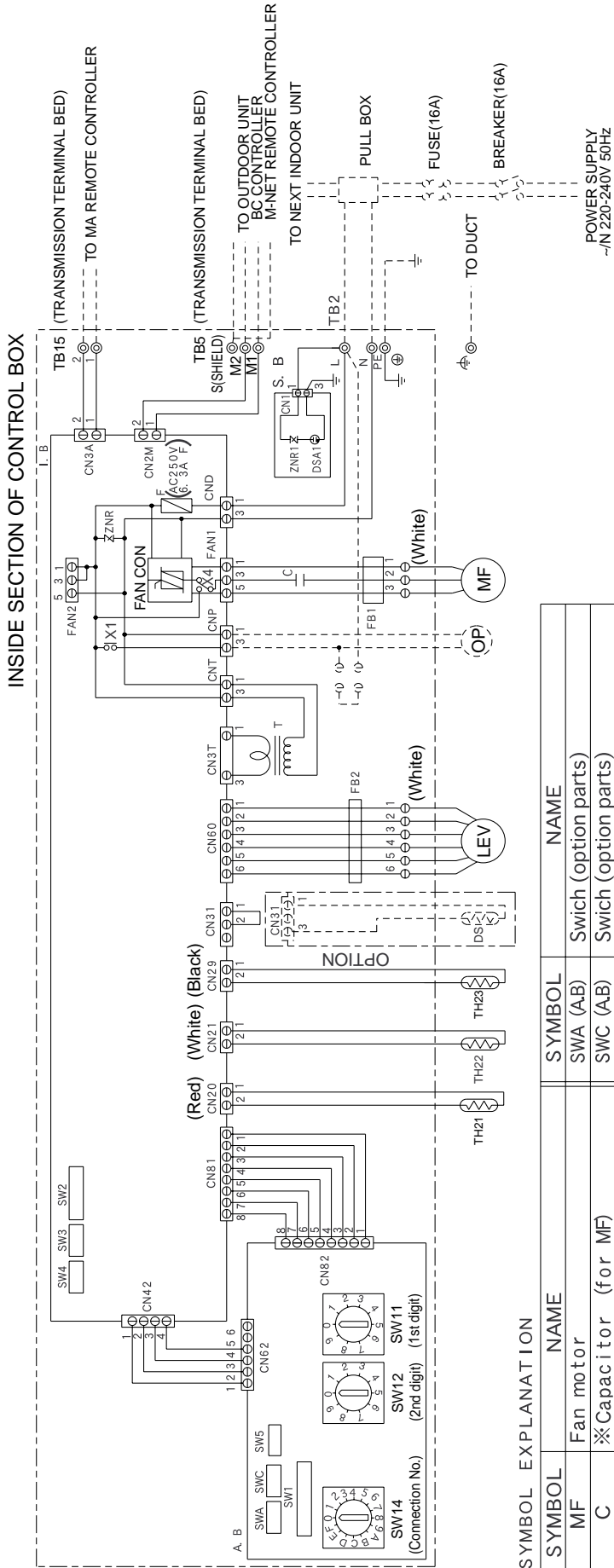
- ① Refrigerant piping flare connection (liquid φ9.52 copper tube):HP
- ② Refrigerant piping flare connection (gas φ19.05 copper tube) :LP
- ③ Drain 25A (male screw)
- ④ Electrical parts box
- ⑤ Drain Pump (Option)
- ⑥ Drain Pipe (Option)---Flexible joint VP25(I.D.φ32) Set
- ⑦ Filter



PEFY-P-VMM-A

5. Electrical Wiring Diagrams

PEFY-P20~80VMM-A



NOTE: 1. TB2, TB5 shown in dotted line are field work.

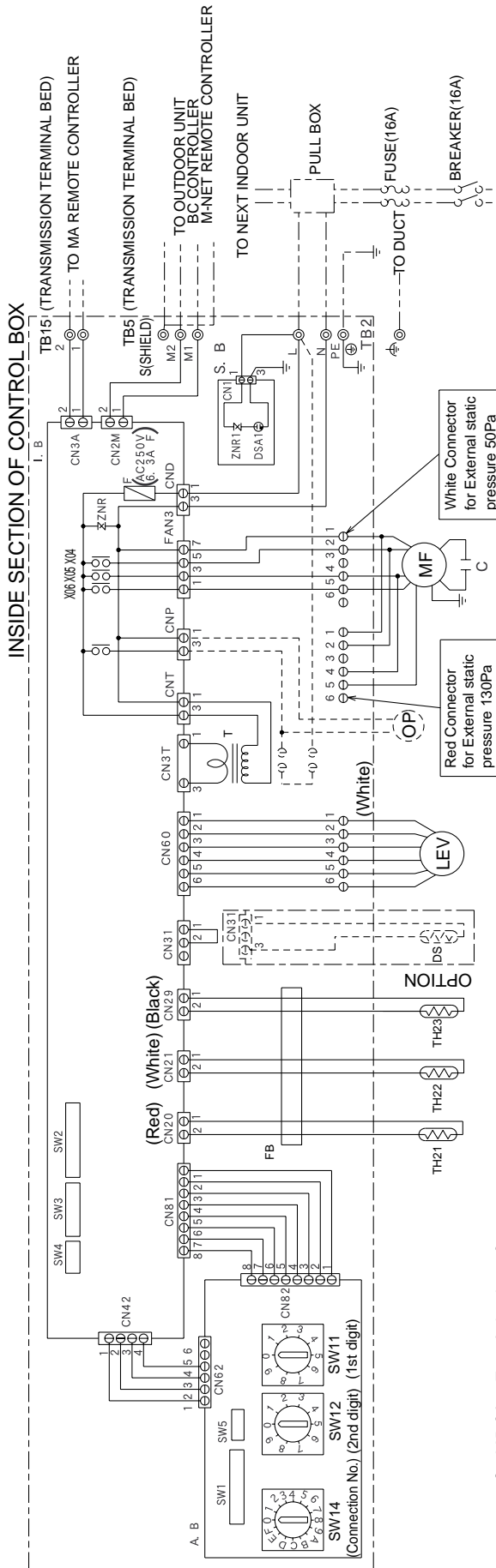
2. Mark indicates terminal bed, connector, board insertion connector or fastening connector of control board.

※ Capacitor
 MODELS 20/25/32/40/50 8 μF
 MODELS 63/71/80 6 μF

SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
MF	Fan motor	SWA (AB)	Switch (option parts)
C	※Capacitor (for MF)	SWC (AB)	Switch (option parts)
I.B	Indoor controller board	SW1 1 (AB)	Switch (1st digit address set)
AB	Address board	SW1 2 (AB)	Switch (2nd digit address set)
TB2	Power source terminal bed	SW1 4 (AB)	Switch (connection No.set)
TB5	Transmission terminal bed	SW1 (AB)	Switch (for mode selection)
TB15	Transmission terminal bed	SW2 (I.B)	Switch (for capacity code)
F	Fuse AC250V 6. 3A F	SW3 (I.B)	Switch (for mode selection)
T	Transformer	SW4 (I.B)	Switch (for model selection)
LEV	Electronic linear expan. valve	SW5 (AB)	Switch (for voltage selection)
TH21	Thermistor (inlet temp.detection)	FB1,2	Ferrite core
TH22	Thermistor (piping temp.detection/liquid)	S.B	Surge absorber board
TH23	Thermistor (piping temp.detection/gas)	DP	Drainpump
		DS	Drainsensor

PEFY-P100~140VMM-A



SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
MF	Fan motor	TH22	Thermistor (piping temp.detection/liquid)
C	Capacitor (for MF)	TH23	Thermistor (piping temp.detection/gas)
I.B	Indoor controller board	SW1 1 (A,B)	Switch (1st digit address set)
A.B	Address board	SW1 2 (A,B)	Switch (2nd digit address set)
TB2	Power source terminal bed	SW1 4 (A,B)	Switch (connection No.set)
TB15	Transmission terminal bed	SW1 (for mode selection)	
TB5	Transmission terminal bed	SW2 (I.B)	Switch(for capacity code)
F	Fuse AC250V 6.3A F	SW3 (I.B)	Switch(for mode selection)
T	Transformer	SW4 (I.B)	Switch(for model selection)
LEV	Electronic linear expan. valve	SW5 (A,B)	Switch(for voltage selection)
S.B	Surge absorber board	X04~06	Aux. relay
FB	Ferrite core	DP	Drainpump
TH21	Thermistor (inlet temp.detection)	DS	Drainsensor

NOTE; 1. TB2, TB5 shown in dotted line are field work.

2. Mark ○ indicates terminal bed, ⊖ connector, ⊞ board insertion connector or fastening connector of control board.

※ Capacitor MODELS 100/125/140 8μF

6. Options

PEFY-P-VMM-A

Description	Model	Applicable capacity
Circular duct flange	PAC-KE32EDF-F	PEFY-P20,25,32VMM-A
	PAC-KE50EDF-F	PEFY-P40,50VMM-A
	PAC-KE80EDF-F	PEFY-P63,71,80VMM-A
	PAC-KE125EDF-F	PEFY-P100,125VMM-A
	PAC-KE140EDF-F	PEFY-P140VMM-A
Drain water lift-up kit	PAC-KE03DM-F	PEFY-P20,25,32,40,50,63,71 80,100,125,140VMM-A