

Floor standing(Exposed)
Floor standing(Concealed)

PFFY-P-VLEM-E
PFFY-P-VLRM-E

CONTENTS

1. Specifications I -66

2. Capacity Tables I -67

2.1a. Cooling capacity in combination with PUHY,PUY,PURY-P200,250YGM I -67

2.1b. Heating capacity in combination with PUHY,PUY,PURY-P200,250YGM I -68

2.2a. Cooling capacity in combination with PUHY,PUY,PURY-P300,350,400YGM I -69

2.2b. Heating capacity in combination with PUHY,PUY,PURY-P300,350,400YGM I -70

2.3a. Cooling capacity in combination with PUHY,PURY-P500,650YGM I -71

2.3b. Heating capacity in combination with PUHY,PURY-P500,650YGM I -72

3. Sound Levels I -73

3.1 Noise levels I -73

3.2 NC curves I -73

4. External Dimensions I -74

5. Electrical Wiring Diagram I -76

6. Temperature/Airflow distribution I -77

6.1 Temperature distribution I -77

6.2 Airflow distribution I -77

PFFY-P-
VLEM-E/VLRM-E

Model Name	20	25	32	40	50	63	71	80	100	125	140	200	250
PFFY-P-VLEM-E	●	●	●	●	●	●							
PFFY-P-VLRM-E	●	●	●	●	●	●							

1. Specifications

			PFFY-P20VLEM-E	PFFY-P25VLEM-E	PFFY-P32VLEM-E	PFFY-P40VLEM-E	PFFY-P50VLEM-E	PFFY-P63VLEM-E
Power source			~ 220-240V 50Hz / ~ 208-230V 60Hz					
Cooling capacity	* 1	kW	2.2	2.8	3.6	4.5	5.6	7.1
	* 1	BTU/h	7,500	9,550	12,280	15,350	19,100	24,220
	* 2	kW	2.3	2.9	3.7	4.7	5.8	7.3
	* 2	kcal/h	2,000	2,500	3,150	4,000	5,000	6,300
Heating capacity	* 1	kW	2.5	3.2	4.0	5.0	6.3	8.0
	* 1	BTU/h	8,530	10,750	13,640	17,060	21,500	27,290
	* 2	kW	2.6	3.3	4.1	5.2	6.5	8.3
	* 2	kcal/h	2,250	2,800	3,550	4,500	5,600	7,100
Power consumption	Cooling	kW	0.04 / 0.06		0.06 / 0.07	0.065 / 0.075	0.085 / 0.09	0.1 / 0.11
	Heating	kW	0.04 / 0.06		0.06 / 0.07	0.065 / 0.075	0.085 / 0.09	0.1 / 0.11
Current	Cooling	A	0.19 / 0.25		0.29 / 0.30	0.32 / 0.33	0.40 / 0.41	0.46 / 0.47
	Heating	A	0.19 / 0.25		0.29 / 0.30	0.32 / 0.33	0.40 / 0.41	0.46 / 0.47
External finish(Munsel No.)			Acrylic paint (5Y 8/1)					
Dimension H x W x D		mm	630 x 1,050 x 220		630 x 1,170 x 220		630 x 1,410 x 220	
Net weight		kg	23		25	26	30	32
Heat exchanger			Cross fin (Aluminum plate fin and copper tube)					
Fan	Type		Sirocco fan× 1		Sirocco fan× 2			
	Airflow rate (Low-High) * 3	m³/min	5.5-6.5		7.0-9.0	9.0-11.0	12.0-14.0	12.0-15.5
	External static pressure	Pa	0					
Motor	Type		Single phase induction motor					
	Output	kW	0.02		0.03	0.035		0.045
Air filter			PP Honeycomb fabric (washable)					
Refrigerant pipe dimension	Gas (Flare)	mm	ø 12.7				ø 12.7 (R410A) ø 15.88 (R22,R407C)	ø 15.88
	Liquid (Flare)	mm	ø 6.35				ø 6.35 (R410A) ø 9.52 (R22,R407C)	ø 9.52
Drain pipe dimension			Accessory hose ø 27 (top end : ø 20)					
Noise level (Low-High) *3 *4 *5		dB(A)	34-40		35-40	38-43		40-46

			PFFY-P20VLRM-E	PFFY-P25VLRM-E	PFFY-P32VLRM-E	PFFY-P40VLRM-E	PFFY-P50VLRM-E	PFFY-P63VLRM-E
Power source			~ 220-240V 50Hz / ~ 208-230V 60Hz					
Cooling capacity	※ 1	kW	2.2	2.8	3.6	4.5	5.6	7.1
	※ 1	BTU/h	7,500	9,550	12,280	15,350	19,100	24,220
	※ 2	kW	2.3	2.9	3.7	4.7	5.8	7.3
	※ 2	kcal/h	2,000	2,500	3,150	4,000	5,000	6,300
Heating capacity	※ 1	kW	2.5	3.2	4.0	5.0	6.3	8.0
	※ 1	BTU/h	8,530	10,750	13,640	17,060	21,500	27,290
	※ 2	kW	2.6	3.3	4.1	5.2	6.5	8.3
	※ 2	kcal/h	2,250	2,800	3,550	4,500	5,600	7,100
Power consumption	Cooling	kW	0.04 / 0.06		0.06 / 0.07	0.065 / 0.075	0.085 / 0.09	0.1 / 0.11
	Heating	kW	0.04 / 0.06		0.06 / 0.07	0.065 / 0.075	0.085 / 0.09	0.1 / 0.11
Current	Cooling	A	0.19 / 0.25		0.29 / 0.30	0.32 / 0.33	0.40 / 0.41	0.46 / 0.47
	Heating	A	0.19 / 0.25		0.29 / 0.30	0.32 / 0.33	0.40 / 0.41	0.46 / 0.47
External finish(Munsel No.)			Galvanizing					
Dimension H x W x D		mm	639 x 886 x 220		639 x 1,006 x 220		639 x 1,246 x 220	
Net weight		kg	18.5		20	21	25	27
Heat exchanger			Cross fin (Aluminum plate fin and copper tube)					
Fan	Type		Sirocco fan× 1		Sirocco fan× 2			
	Airflow rate (Low-High) ※ 3	m³/min	5.5-6.5		7.0-9.0	9.0-11.0	12.0-14.0	12.0-15.5
	External static pressure		Pa	0				
Motor	Type		Single phase induction motor					
	Output		kW	0.02	0.03	0.035		0.045
Air filter			PP Honeycomb fabric (washable)					
Refrigerant pipe dimension	Gas (Flare)	mm	ø 12.7				ø 12.7 (R410A) ø 15.88 (R22,R407C)	ø 15.88
	Liquid (Flare)	mm	ø 6.35				ø 6.35 (R410A) ø 9.52 (R22,R407C)	ø 9.52
Drain pipe dimension			Accessory hose ø 27 (top end : ø 20)					
Noise level (Low-High) ※3 ※4 ※5		dB(A)	34-40		35-40	38-43		40-46

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)

Heating : Indoor 21°CDB, Outdoor 7°CDB/6°CWB (WR2: water 20°C)

* 3 Air flow rate/noise level are in (Low-High)

* 4 Measured point : 1m×1m, Power supply : AC240V/50Hz

·1dB(A) lower at AC230V/50Hz

·2dB(A) lower at AC220V/50Hz

·3dB(A) lower at 1.5m×1.5m point

* 5 It is measured in anechoic room.

2. Capacity Tables

2.1a. Cooling capacity in combination with PUHY,PUY,PURY-P200,250YGM

PFFY-P-VLEM-E,VLRM-E															CA :Capacity(kW) SHC:Sensible Heat Capacity(kW)	
Unit size (Rated kW)	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	SHC	
20 (2.2)	20.0	2.1	1.9	2.2	2.0	2.3	1.9	2.4	2.0	2.5	2.1	2.6	2.0	2.8	2.0	
	22.5	2.1	1.9	2.2	2.0	2.3	1.9	2.4	2.0	2.5	2.1	2.6	2.0	2.8	2.0	
	25.0	2.1	1.9	2.2	2.0	2.3	1.9	2.4	2.0	2.4	2.1	2.6	2.0	2.7	2.0	
	27.5	2.1	1.9	2.1	1.9	2.3	1.9	2.3	2.0	2.4	2.1	2.5	2.0	2.7	2.0	
	30.0	2.0	1.9	2.1	1.9	2.2	1.9	2.3	2.0	2.3	2.0	2.5	2.0	2.6	2.0	
	32.5	2.0	1.8	2.1	1.9	2.2	1.9	2.2	1.9	2.3	2.0	2.4	2.0	2.6	2.0	
	35.0	2.0	1.8	2.0	1.9	2.1	1.9	2.2	1.9	2.3	2.0	2.4	2.0	2.5	1.9	
	37.5	1.9	1.8	2.0	1.9	2.1	1.9	2.1	1.9	2.2	2.0	2.3	2.0	2.5	1.9	
	40.0	1.9	1.8	1.9	1.9	2.1	1.8	2.1	1.9	2.2	2.0	2.3	1.9	2.4	1.9	
43.0	1.8	1.8	1.9	1.8	2.0	1.8	2.0	1.9	2.1	1.9	2.2	1.9	2.4	1.9		
25 (2.8)	20.0	2.7	2.1	2.8	2.2	2.9	2.2	3.0	2.2	3.1	2.3	3.3	2.3	3.5	2.3	
	22.5	2.7	2.1	2.8	2.2	2.9	2.2	3.0	2.2	3.1	2.3	3.3	2.3	3.5	2.3	
	25.0	2.7	2.1	2.8	2.2	2.9	2.2	3.0	2.2	3.1	2.3	3.3	2.3	3.5	2.3	
	27.5	2.6	2.1	2.7	2.2	2.9	2.2	3.0	2.2	3.1	2.3	3.2	2.3	3.4	2.2	
	30.0	2.6	2.1	2.7	2.2	2.8	2.2	2.9	2.2	3.0	2.3	3.1	2.2	3.3	2.2	
	32.5	2.5	2.1	2.6	2.2	2.8	2.1	2.8	2.2	2.9	2.3	3.1	2.2	3.3	2.2	
	35.0	2.5	2.1	2.6	2.1	2.7	2.1	2.8	2.2	2.9	2.2	3.0	2.2	3.2	2.2	
	37.5	2.5	2.0	2.5	2.1	2.7	2.1	2.7	2.1	2.8	2.2	3.0	2.2	3.1	2.1	
	40.0	2.4	2.0	2.5	2.1	2.6	2.1	2.7	2.1	2.8	2.2	2.9	2.2	3.1	2.1	
43.0	2.4	2.0	2.4	2.1	2.6	2.0	2.6	2.1	2.7	2.2	2.8	2.1	3.0	2.1		
32 (3.6)	20.0	3.4	2.5	3.5	2.6	3.8	2.5	3.9	2.6	4.0	2.7	4.2	2.6	4.6	2.6	
	22.5	3.4	2.5	3.5	2.6	3.8	2.5	3.9	2.6	4.0	2.7	4.2	2.6	4.6	2.6	
	25.0	3.4	2.5	3.5	2.6	3.8	2.5	3.9	2.6	4.0	2.6	4.2	2.6	4.5	2.6	
	27.5	3.4	2.5	3.5	2.5	3.7	2.5	3.8	2.5	3.9	2.6	4.1	2.6	4.4	2.5	
	30.0	3.3	2.4	3.4	2.5	3.6	2.5	3.7	2.5	3.8	2.6	4.0	2.5	4.3	2.5	
	32.5	3.3	2.4	3.4	2.5	3.6	2.4	3.7	2.5	3.8	2.6	4.0	2.5	4.2	2.5	
	35.0	3.2	2.4	3.3	2.4	3.5	2.4	3.6	2.4	3.7	2.5	3.9	2.5	4.1	2.4	
	37.5	3.2	2.3	3.2	2.4	3.4	2.4	3.5	2.4	3.6	2.5	3.8	2.5	4.0	2.4	
	40.0	3.1	2.3	3.2	2.4	3.4	2.4	3.5	2.4	3.6	2.5	3.7	2.4	4.0	2.4	
43.0	3.0	2.3	3.1	2.3	3.3	2.3	3.3	2.3	3.5	2.4	3.6	2.4	3.9	2.3		
40 (4.5)	20.0	4.3	3.1	4.4	3.2	4.7	3.2	4.9	3.2	5.0	3.3	5.3	3.3	5.7	3.3	
	22.5	4.3	3.1	4.4	3.2	4.7	3.2	4.9	3.2	5.0	3.3	5.3	3.3	5.7	3.3	
	25.0	4.3	3.1	4.4	3.2	4.7	3.2	4.9	3.2	5.0	3.3	5.3	3.3	5.6	3.2	
	27.5	4.3	3.1	4.4	3.2	4.6	3.1	4.8	3.2	4.9	3.3	5.2	3.2	5.5	3.2	
	30.0	4.2	3.1	4.3	3.1	4.6	3.1	4.7	3.1	4.8	3.3	5.0	3.2	5.4	3.2	
	32.5	4.1	3.0	4.2	3.1	4.5	3.1	4.6	3.1	4.7	3.2	5.0	3.2	5.3	3.1	
	35.0	4.0	3.0	4.1	3.1	4.4	3.0	4.5	3.1	4.6	3.2	4.9	3.1	5.2	3.1	
	37.5	3.9	2.9	4.1	3.0	4.3	3.0	4.4	3.0	4.5	3.1	4.8	3.1	5.0	3.0	
	40.0	3.9	2.9	4.0	3.0	4.2	3.0	4.3	3.0	4.5	3.1	4.7	3.0	5.0	3.0	
43.0	3.8	2.9	3.9	3.0	4.1	2.9	4.2	2.9	4.3	3.1	4.5	3.0	4.8	3.0		
50 (5.6)	20.0	5.3	3.9	5.5	4.1	5.9	4.0	6.0	4.1	6.2	4.2	6.6	4.2	7.1	4.1	
	22.5	5.3	3.9	5.5	4.1	5.9	4.0	6.0	4.1	6.2	4.2	6.6	4.2	7.1	4.1	
	25.0	5.3	3.9	5.5	4.1	5.9	4.0	6.0	4.1	6.2	4.2	6.6	4.2	6.9	4.1	
	27.5	5.3	3.9	5.5	4.0	5.8	4.0	5.9	4.0	6.1	4.2	6.4	4.1	6.8	4.0	
	30.0	5.2	3.9	5.3	4.0	5.7	3.9	5.8	4.0	6.0	4.1	6.3	4.0	6.7	4.0	
	32.5	5.1	3.8	5.3	3.9	5.5	3.9	5.7	3.9	5.9	4.1	6.2	4.0	6.6	3.9	
	35.0	5.0	3.8	5.2	3.9	5.5	3.8	5.6	3.9	5.7	4.0	6.0	4.0	6.4	3.9	
	37.5	4.9	3.7	5.0	3.8	5.3	3.8	5.5	3.8	5.6	4.0	5.9	3.9	6.3	3.8	
	40.0	4.8	3.7	5.0	3.8	5.3	3.8	5.4	3.8	5.5	3.9	5.8	3.9	6.2	3.8	
43.0	4.7	3.6	4.8	3.7	5.1	3.7	5.2	3.7	5.4	3.9	5.7	3.8	6.0	3.7		
63 (7.1)	20.0	6.7	4.9	7.0	5.0	7.5	5.0	7.7	5.0	7.9	5.2	8.4	5.1	9.0	5.1	
	22.5	6.7	4.9	7.0	5.0	7.5	5.0	7.7	5.0	7.9	5.2	8.4	5.1	9.0	5.1	
	25.0	6.7	4.9	7.0	5.0	7.5	5.0	7.7	5.0	7.8	5.2	8.3	5.1	8.8	5.0	
	27.5	6.7	4.9	6.9	5.0	7.3	4.9	7.5	5.0	7.7	5.1	8.1	5.0	8.7	5.0	
	30.0	6.6	4.8	6.8	4.9	7.2	4.9	7.4	4.9	7.6	5.1	8.0	5.0	8.5	4.9	
	32.5	6.5	4.7	6.7	4.9	7.0	4.8	7.2	4.8	7.4	5.0	7.8	4.9	8.3	4.9	
	35.0	6.4	4.7	6.5	4.8	6.9	4.7	7.1	4.8	7.3	5.0	7.7	4.9	8.1	4.8	
	37.5	6.2	4.6	6.4	4.7	6.8	4.7	6.9	4.7	7.1	4.9	7.5	4.8	8.0	4.7	
	40.0	6.1	4.5	6.3	4.7	6.7	4.6	6.8	4.7	7.0	4.8	7.3	4.7	7.8	4.7	
43.0	6.0	4.5	6.1	4.6	6.5	4.5	6.6	4.6	6.8	4.8	7.2	4.7	7.6	4.6		

PFFY-P-
VLEM-E/VLRM-E

2.1b. Heating capacity in combination with PUHY,PUY,PURY-P200,250YGM

PFFY-P-VLEM-E,VLRM-E SHC:Sensible Heat Capacity(kW)

Unit size (Rated kW)	Outdoor air temp.	Indoor air temp.:°CDB			
		15.0	20.0	25.0	27.0
	°CWB	SHC	SHC	SHC	SHC
20 (2.2)	-20.0	1.3	1.3	1.3	1.3
	-15.0	1.6	1.5	1.5	1.5
	-10.0	1.8	1.8	1.8	1.7
	-5.0	2.1	2.1	2.0	1.8
	0.0	2.4	2.4	2.0	1.8
	2.5	2.5	2.5	2.0	1.8
	6.0	2.6	2.5	2.0	1.8
	7.5	2.7	2.5	2.0	1.8
	10.0	2.9	2.5	2.0	1.8
	12.5	3.0	2.5	2.0	1.8
	15.5	3.2	2.5	2.0	1.8
25 (2.8)	-20.0	1.6	1.6	1.6	1.6
	-15.0	2.0	2.0	1.9	1.9
	-10.0	2.3	2.3	2.2	2.2
	-5.0	2.7	2.7	2.6	2.2
	0.0	3.0	3.0	2.6	2.2
	2.5	3.2	3.2	2.6	2.2
	6.0	3.3	3.2	2.6	2.2
	7.5	3.4	3.2	2.6	2.2
	10.0	3.6	3.2	2.6	2.2
	12.5	3.9	3.2	2.6	2.2
	15.5	4.1	3.2	2.6	2.2
32 (3.6)	-20.0	2.1	2.0	2.0	2.0
	-15.0	2.5	2.4	2.4	2.4
	-10.0	2.9	2.9	2.8	2.7
	-5.0	3.4	3.3	3.2	2.8
	0.0	3.8	3.8	3.2	2.8
	2.5	4.0	4.0	3.2	2.8
	6.0	4.2	4.0	3.2	2.8
	7.5	4.3	4.0	3.2	2.8
	10.0	4.6	4.0	3.2	2.8
	12.5	4.8	4.0	3.2	2.8
	15.5	5.1	4.0	3.2	2.8
40 (4.5)	-20.0	2.6	2.5	2.5	2.5
	-15.0	3.1	3.1	3.0	3.0
	-10.0	3.7	3.6	3.5	3.4
	-5.0	4.2	4.2	4.0	3.5
	0.0	4.7	4.7	4.0	3.5
	2.5	5.0	5.0	4.0	3.5
	6.0	5.2	5.0	4.0	3.5
	7.5	5.4	5.0	4.0	3.5
	10.0	5.7	5.0	4.0	3.5
	12.5	6.0	5.0	4.0	3.5
	15.5	6.4	5.0	4.0	3.5
50 (5.6)	-20.0	3.2	3.2	3.2	3.2
	-15.0	3.9	3.8	3.8	3.7
	-10.0	4.6	4.5	4.4	4.3
	-5.0	5.3	5.2	5.0	4.4
	0.0	6.0	5.9	5.0	4.4
	2.5	6.3	6.2	5.0	4.4
	6.0	6.6	6.3	5.0	4.4
	7.5	6.8	6.3	5.0	4.4
	10.0	7.2	6.3	5.0	4.4
	12.5	7.6	6.3	5.0	4.4
	15.5	8.1	6.3	5.0	4.4
63 (7.1)	-20.0	4.1	4.0	4.0	4.0
	-15.0	5.0	4.9	4.8	4.7
	-10.0	5.8	5.8	5.6	5.5
	-5.0	6.7	6.6	6.4	5.6
	0.0	7.6	7.5	6.4	5.6
	2.5	8.0	7.9	6.4	5.6
	6.0	8.3	8.0	6.4	5.6
	7.5	8.6	8.0	6.4	5.6
	10.0	9.1	8.0	6.4	5.6
	12.5	9.6	8.0	6.4	5.6
	15.5	10.2	8.0	6.4	5.6

PFFY-P-
VLEM-E/VLRM-E

2.2a. Cooling capacity in combination with PUHY,PUY,PURY-P300,350,400YGM

PFFY-P-VLEM-E,VLRM-E

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

Unit size (Rated kW)	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	2.1	1.9	2.2	2.0	2.4	2.0	2.5	2.0	2.5	2.1	2.7	2.1	2.9	2.1
	22.5	2.1	1.9	2.2	2.0	2.3	2.0	2.4	2.0	2.5	2.1	2.6	2.1	2.8	2.0
	25.0	2.1	1.9	2.2	1.9	2.3	1.9	2.4	2.0	2.4	2.1	2.6	2.0	2.8	2.0
	27.5	2.1	1.9	2.1	1.9	2.3	1.9	2.3	2.0	2.4	2.1	2.5	2.0	2.7	2.0
	30.0	2.0	1.8	2.1	1.9	2.2	1.9	2.3	2.0	2.4	2.0	2.5	2.0	2.6	2.0
	32.5	2.0	1.8	2.0	1.9	2.2	1.9	2.2	1.9	2.3	2.0	2.4	2.0	2.6	2.0
	35.0	2.0	1.8	2.0	1.9	2.1	1.9	2.2	1.9	2.3	2.0	2.4	2.0	2.5	2.0
	37.5	1.9	1.8	1.9	1.9	2.1	1.8	2.1	1.9	2.2	2.0	2.4	2.0	2.5	1.9
	40.0	1.9	1.8	1.9	1.8	2.0	1.8	2.1	1.9	2.4	2.0	2.3	1.9	2.4	1.9
43.0	1.8	1.8	1.8	1.8	2.0	1.8	2.0	1.9	2.1	1.9	2.2	1.9	2.4	1.9	
25 (2.8)	20.0	2.7	2.2	2.8	2.2	3.0	2.2	3.1	2.3	3.2	2.4	3.4	2.3	3.6	2.3
	22.5	2.7	2.2	2.8	2.2	3.0	2.2	3.1	2.3	3.2	2.4	3.4	2.3	3.6	2.3
	25.0	2.7	2.1	2.7	2.2	2.9	2.2	3.0	2.2	3.1	2.3	3.3	2.3	3.5	2.3
	27.5	2.6	2.1	2.7	2.2	2.9	2.2	3.0	2.2	3.1	2.3	3.2	2.3	3.4	2.2
	30.0	2.6	2.1	2.6	2.2	2.8	2.1	2.9	2.2	3.0	2.3	3.2	2.3	3.4	2.2
	32.5	2.5	2.1	2.6	2.1	2.8	2.1	2.9	2.2	2.9	2.3	3.1	2.2	3.3	2.2
	35.0	2.5	2.1	2.5	2.1	2.7	2.1	2.8	2.2	2.9	2.2	3.1	2.2	3.2	2.2
	37.5	2.5	2.0	2.5	2.1	2.6	2.1	2.7	2.1	2.8	2.2	3.0	2.2	3.2	2.2
	40.0	2.4	2.0	2.4	2.1	2.6	2.1	2.7	2.1	3.0	2.3	2.9	2.2	3.1	2.1
43.0	2.4	2.0	2.4	2.0	2.5	2.0	2.6	2.1	2.7	2.2	2.8	2.1	3.0	2.1	
32 (3.6)	20.0	3.5	2.5	3.6	2.6	3.9	2.6	4.0	2.6	4.2	2.7	4.4	2.7	4.7	2.7
	22.5	3.5	2.5	3.6	2.6	3.8	2.6	4.0	2.6	4.1	2.7	4.3	2.7	4.6	2.6
	25.0	3.4	2.5	3.5	2.5	3.8	2.5	3.9	2.6	4.0	2.7	4.2	2.6	4.5	2.6
	27.5	3.4	2.5	3.5	2.5	3.7	2.5	3.8	2.5	3.9	2.6	4.2	2.6	4.4	2.5
	30.0	3.3	2.4	3.4	2.5	3.6	2.5	3.7	2.5	3.9	2.6	4.1	2.6	4.3	2.5
	32.5	3.3	2.4	3.3	2.5	3.5	2.4	3.7	2.5	3.8	2.6	4.0	2.5	4.2	2.5
	35.0	3.2	2.4	3.3	2.4	3.5	2.4	3.6	2.4	3.7	2.5	3.9	2.5	4.2	2.5
	37.5	3.2	2.4	3.2	2.4	3.4	2.4	3.5	2.4	3.6	2.5	3.9	2.5	4.1	2.4
	40.0	3.1	2.3	3.1	2.3	3.3	2.3	3.4	2.4	3.9	2.6	3.8	2.4	4.0	2.4
43.0	3.0	2.3	3.0	2.3	3.2	2.3	3.3	2.3	3.4	2.4	3.7	2.4	3.9	2.4	
40 (4.5)	20.0	4.4	3.2	4.5	3.3	4.9	3.3	5.0	3.3	5.2	3.4	5.5	3.4	5.9	3.3
	22.5	4.3	3.1	4.5	3.2	4.8	3.2	5.0	3.3	5.1	3.4	5.4	3.3	5.7	3.3
	25.0	4.3	3.1	4.4	3.2	4.7	3.2	4.9	3.2	5.0	3.3	5.3	3.3	5.6	3.2
	27.5	4.2	3.1	4.3	3.2	4.6	3.1	4.8	3.2	4.9	3.3	5.2	3.3	5.5	3.2
	30.0	4.1	3.0	4.2	3.1	4.5	3.1	4.7	3.1	4.8	3.3	5.1	3.2	5.4	3.2
	32.5	4.1	3.0	4.2	3.1	4.4	3.1	4.6	3.1	4.7	3.2	5.0	3.2	5.3	3.1
	35.0	4.0	3.0	4.1	3.0	4.3	3.0	4.5	3.1	4.6	3.2	4.9	3.1	5.2	3.1
	37.5	4.0	3.0	4.0	3.0	4.3	3.0	4.4	3.0	4.5	3.1	4.8	3.1	5.1	3.1
	40.0	3.9	2.9	3.9	3.0	4.2	2.9	4.3	3.0	4.9	3.3	4.7	3.1	5.0	3.0
43.0	3.8	2.9	3.8	2.9	4.1	2.9	4.2	2.9	4.3	3.0	4.6	3.0	4.8	3.0	
50 (5.6)	20.0	5.4	4.0	5.6	4.1	6.0	4.1	6.3	4.2	6.5	4.3	6.9	4.3	7.3	4.2
	22.5	5.4	4.0	5.6	4.1	6.0	4.1	6.2	4.1	6.4	4.3	6.7	4.2	7.1	4.2
	25.0	5.3	3.9	5.5	4.0	5.9	4.0	6.0	4.1	6.2	4.2	6.6	4.2	7.0	4.1
	27.5	5.2	3.9	5.4	4.0	5.7	4.0	5.9	4.0	6.1	4.2	6.5	4.1	6.9	4.1
	30.0	5.2	3.8	5.3	3.9	5.6	3.9	5.8	4.0	6.0	4.1	6.4	4.1	6.7	4.0
	32.5	5.1	3.8	5.2	3.9	5.5	3.9	5.7	3.9	5.9	4.1	6.2	4.0	6.6	4.0
	35.0	5.0	3.8	5.1	3.8	5.4	3.8	5.6	3.9	5.8	4.0	6.1	4.0	6.5	3.9
	37.5	4.9	3.7	5.0	3.8	5.3	3.8	5.5	3.8	5.7	4.0	6.0	3.9	6.3	3.9
	40.0	4.8	3.7	4.8	3.7	5.2	3.7	5.3	3.8	6.1	4.2	5.9	3.9	6.2	3.8
43.0	4.7	3.6	4.7	3.7	5.0	3.7	5.2	3.7	5.3	3.9	5.7	3.8	6.0	3.8	
63 (7.1)	20.0	6.9	4.9	7.1	5.1	7.7	5.1	8.0	5.2	8.2	5.4	8.7	5.3	9.2	5.2
	22.5	6.9	4.9	7.1	5.1	7.6	5.0	7.8	5.1	8.1	5.3	8.5	5.2	9.1	5.1
	25.0	6.8	4.9	7.0	5.0	7.4	5.0	7.7	5.0	7.9	5.2	8.4	5.1	8.9	5.1
	27.5	6.6	4.8	6.8	4.9	7.3	4.9	7.5	5.0	7.8	5.2	8.2	5.1	8.7	5.0
	30.0	6.5	4.8	6.7	4.9	7.1	4.8	7.4	4.9	7.6	5.1	8.1	5.0	8.5	4.9
	32.5	6.4	4.7	6.6	4.8	7.0	4.8	7.2	4.9	7.5	5.0	7.9	4.9	8.4	4.9
	35.0	6.3	4.7	6.4	4.7	6.8	4.7	7.1	4.8	7.3	5.0	7.7	4.9	8.2	4.8
	37.5	6.2	4.6	6.3	4.7	6.7	4.6	6.9	4.7	7.2	4.9	7.6	4.8	8.0	4.8
	40.0	6.1	4.6	6.1	4.6	6.6	4.6	6.8	4.7	7.7	5.1	7.4	4.8	7.8	4.7
43.0	6.0	4.5	6.0	4.5	6.4	4.5	6.6	4.6	6.8	4.7	7.2	4.7	7.6	4.6	

PFFY-P-
VLEM-E/VLRM-E

2.2b. Heating capacity in combination with PUHY,PUY,PURY-P300,350,400YGM

PFFY-P-VLEM-E,VLRM-E SHC:Sensible Heat Capacity(kW)

Unit size (Rated kW)	Outdoor air temp.	Indoor air temp.:°CDB			
		15.0	20.0	25.0	27.0
	°CWB	SHC	SHC	SHC	SHC
20 (2.2)	-20.0	1.3	1.3	1.3	1.2
	-15.0	1.5	1.5	1.5	1.5
	-10.0	1.8	1.8	1.7	1.6
	-5.0	2.0	2.0	1.9	1.6
	0.0	2.3	2.3	1.9	1.6
	2.5	2.4	2.4	1.9	1.6
	6.0	2.6	2.5	1.9	1.6
	7.5	2.7	2.5	1.9	1.6
	10.0	2.8	2.5	1.9	1.6
	12.5	2.9	2.5	1.9	1.6
	15.5	2.9	2.5	1.9	1.6
25 (2.8)	-20.0	1.7	1.6	1.6	1.5
	-15.0	1.9	1.9	1.9	1.9
	-10.0	2.2	2.2	2.2	2.0
	-5.0	2.6	2.6	2.4	2.0
	0.0	2.9	2.9	2.4	2.0
	2.5	3.1	3.0	2.4	2.0
	6.0	3.3	3.2	2.4	2.0
	7.5	3.4	3.2	2.4	2.0
	10.0	3.5	3.2	2.4	2.0
	12.5	3.7	3.2	2.4	2.0
	15.5	3.7	3.2	2.4	2.0
32 (3.6)	-20.0	2.1	2.0	2.0	1.9
	-15.0	2.4	2.4	2.4	2.3
	-10.0	2.8	2.8	2.7	2.6
	-5.0	3.2	3.2	3.0	2.6
	0.0	3.6	3.6	3.0	2.6
	2.5	3.8	3.8	3.0	2.6
	6.0	4.1	4.0	3.0	2.6
	7.5	4.2	4.0	3.0	2.6
	10.0	4.4	4.0	3.0	2.6
	12.5	4.6	4.0	3.0	2.6
	15.5	4.6	4.0	3.0	2.6
40 (4.5)	-20.0	2.6	2.5	2.5	2.4
	-15.0	3.0	3.0	3.0	2.9
	-10.0	3.5	3.5	3.4	3.2
	-5.0	4.0	4.0	3.8	3.2
	0.0	4.5	4.5	3.8	3.2
	2.5	4.8	4.7	3.8	3.2
	6.0	5.1	5.0	3.8	3.2
	7.5	5.3	5.0	3.8	3.2
	10.0	5.5	5.0	3.8	3.2
	12.5	5.8	5.0	3.8	3.2
	15.5	5.8	5.0	3.8	3.2
50 (5.6)	-20.0	3.3	3.2	3.2	3.0
	-15.0	3.8	3.8	3.8	3.7
	-10.0	4.4	4.4	4.3	4.0
	-5.0	5.0	5.0	4.7	4.0
	0.0	5.7	5.7	4.7	4.0
	2.5	6.0	6.0	4.7	4.0
	6.0	6.5	6.3	4.7	4.0
	7.5	6.7	6.3	4.7	4.0
	10.0	7.0	6.3	4.7	4.0
	12.5	7.2	6.3	4.7	4.0
	15.5	7.2	6.3	4.7	4.0
63 (7.1)	-20.0	4.2	4.0	4.0	3.8
	-15.0	4.8	4.8	4.8	4.6
	-10.0	5.6	5.6	5.5	5.1
	-5.0	6.4	6.4	6.0	5.1
	0.0	7.2	7.2	6.0	5.1
	2.5	7.6	7.6	6.0	5.1
	6.0	8.2	8.0	6.0	5.1
	7.5	8.5	8.0	6.0	5.1
	10.0	8.8	8.0	6.0	5.1
	12.5	9.2	8.0	6.0	5.1
	15.5	9.2	8.0	6.0	5.1

PFFY-P-
VLEM-E/VLRM-E

2.3a. Cooling capacity in combination with PUHY,PURY-P500,650YGM

PFFY-P-VLEM-E,VLRM-E

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

Unit size (Rated kW)	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	2.1	1.9	2.1	1.9	2.3	1.9	2.4	2.0	2.5	2.1	2.6	2.0	2.8	2.0
	22.5	2.1	1.9	2.1	1.9	2.3	1.9	2.3	2.0	2.4	2.1	2.6	2.0	2.7	2.0
	25.0	2.0	1.9	2.1	1.9	2.2	1.9	2.3	2.0	2.4	2.1	2.6	2.0	2.7	2.0
	27.5	2.0	1.8	2.1	1.9	2.2	1.9	2.3	2.0	2.4	2.0	2.5	2.0	2.6	2.0
	30.0	2.0	1.8	2.0	1.9	2.2	1.9	2.3	1.9	2.4	2.0	2.5	2.0	2.7	2.0
	32.5	2.0	1.8	2.0	1.9	2.2	1.9	2.2	1.9	2.3	2.0	2.5	2.0	2.6	2.0
	35.0	2.0	1.8	2.0	1.9	2.1	1.9	2.2	1.9	2.3	2.0	2.5	2.0	2.6	2.0
	37.5	1.9	1.8	2.0	1.9	2.1	1.9	2.2	1.9	2.3	2.0	2.4	2.0	2.6	2.0
	40.0	1.9	1.8	1.9	1.9	2.1	1.9	2.1	1.9	2.2	2.0	2.4	2.0	2.6	2.0
43.0	1.9	1.8	1.9	1.8	2.1	1.8	2.1	1.9	2.2	2.0	2.4	2.0	2.6	2.0	
25 (2.8)	20.0	2.6	2.1	2.7	2.2	2.9	2.2	3.0	2.2	3.1	2.3	3.3	2.3	3.5	2.3
	22.5	2.6	2.1	2.7	2.2	2.9	2.2	3.0	2.2	3.1	2.3	3.3	2.3	3.5	2.3
	25.0	2.6	2.1	2.7	2.2	2.9	2.2	2.9	2.2	3.1	2.3	3.2	2.3	3.5	2.3
	27.5	2.6	2.1	2.6	2.2	2.8	2.2	2.9	2.2	3.0	2.3	3.2	2.3	3.4	2.2
	30.0	2.5	2.1	2.6	2.1	2.8	2.1	2.9	2.2	3.0	2.3	3.2	2.3	3.4	2.2
	32.5	2.5	2.1	2.6	2.1	2.7	2.1	2.8	2.2	3.0	2.3	3.2	2.2	3.4	2.2
	35.0	2.5	2.1	2.5	2.1	2.7	2.1	2.8	2.2	2.9	2.3	3.1	2.2	3.3	2.2
	37.5	2.5	2.0	2.5	2.1	2.7	2.1	2.8	2.1	2.9	2.2	3.1	2.2	3.3	2.2
	40.0	2.4	2.0	2.5	2.1	2.7	2.1	2.7	2.1	2.9	2.2	3.1	2.2	3.3	2.2
43.0	2.4	2.0	2.5	2.1	2.6	2.1	2.7	2.1	2.8	2.2	3.0	2.2	3.2	2.2	
32 (3.6)	20.0	3.4	2.5	3.5	2.5	3.7	2.5	3.9	2.6	4.0	2.7	4.2	2.6	4.5	2.6
	22.5	3.4	2.5	3.5	2.5	3.7	2.5	3.8	2.5	4.0	2.6	4.2	2.6	4.5	2.6
	25.0	3.3	2.4	3.4	2.5	3.7	2.5	3.8	2.5	3.9	2.6	4.2	2.6	4.4	2.6
	27.5	3.3	2.4	3.4	2.5	3.6	2.5	3.7	2.5	3.9	2.6	4.1	2.6	4.3	2.5
	30.0	3.3	2.4	3.3	2.5	3.6	2.5	3.7	2.5	3.9	2.6	4.1	2.6	4.4	2.5
	32.5	3.2	2.4	3.3	2.4	3.5	2.4	3.6	2.5	3.8	2.6	4.1	2.6	4.3	2.5
	35.0	3.2	2.4	3.3	2.4	3.5	2.4	3.6	2.4	3.7	2.5	4.0	2.5	4.3	2.5
	37.5	3.2	2.4	3.2	2.4	3.5	2.4	3.5	2.4	3.7	2.5	4.0	2.5	4.2	2.5
	40.0	3.1	2.3	3.2	2.4	3.4	2.4	3.5	2.4	3.7	2.5	4.0	2.5	4.2	2.5
43.0	3.1	2.3	3.2	2.4	3.4	2.4	3.5	2.4	3.6	2.5	3.9	2.5	4.2	2.5	
40 (4.5)	20.0	4.3	3.1	4.4	3.2	4.7	3.2	4.8	3.2	5.0	3.3	5.3	3.3	5.7	3.3
	22.5	4.2	3.1	4.3	3.2	4.6	3.1	4.8	3.2	5.0	3.3	5.3	3.3	5.6	3.2
	25.0	4.2	3.1	4.3	3.1	4.6	3.1	4.7	3.2	4.9	3.3	5.2	3.3	5.6	3.2
	27.5	4.1	3.0	4.2	3.1	4.5	3.1	4.7	3.1	4.9	3.3	5.2	3.2	5.4	3.2
	30.0	4.1	3.0	4.2	3.1	4.5	3.1	4.6	3.1	4.8	3.3	5.1	3.2	5.4	3.2
	32.5	4.1	3.0	4.1	3.1	4.4	3.0	4.5	3.1	4.8	3.2	5.1	3.2	5.4	3.2
	35.0	4.0	3.0	4.1	3.0	4.4	3.0	4.5	3.1	4.7	3.2	5.0	3.2	5.4	3.1
	37.5	4.0	3.0	4.0	3.0	4.3	3.0	4.4	3.0	4.7	3.2	5.0	3.2	5.3	3.1
	40.0	3.9	2.9	4.0	3.0	4.3	3.0	4.4	3.0	4.6	3.2	5.0	3.2	5.3	3.1
43.0	3.9	2.9	3.9	3.0	4.2	3.0	4.3	3.0	4.5	3.1	4.9	3.1	5.2	3.1	
50 (5.6)	20.0	5.3	3.9	5.5	4.0	5.8	4.0	6.0	4.1	6.2	4.2	6.6	4.2	7.1	4.1
	22.5	5.3	3.9	5.4	4.0	5.8	4.0	5.9	4.0	6.2	4.2	6.6	4.2	7.0	4.1
	25.0	5.2	3.9	5.3	4.0	5.7	4.0	5.9	4.0	6.1	4.2	6.5	4.1	6.9	4.1
	27.5	5.2	3.8	5.3	3.9	5.7	3.9	5.8	4.0	6.0	4.2	6.4	4.1	6.7	4.0
	30.0	5.1	3.8	5.2	3.9	5.6	3.9	5.8	4.0	6.0	4.1	6.4	4.1	6.8	4.0
	32.5	5.0	3.8	5.2	3.9	5.5	3.9	5.7	3.9	5.9	4.1	6.3	4.1	6.7	4.0
	35.0	5.0	3.8	5.1	3.8	5.5	3.8	5.6	3.9	5.8	4.1	6.3	4.0	6.7	4.0
	37.5	4.9	3.7	5.0	3.8	5.4	3.8	5.5	3.9	5.8	4.0	6.2	4.0	6.6	4.0
	40.0	4.8	3.7	5.0	3.8	5.3	3.8	5.4	3.8	5.7	4.0	6.2	4.0	6.6	3.9
43.0	4.8	3.7	4.9	3.8	5.3	3.8	5.4	3.8	5.7	4.0	6.0	4.0	6.5	3.9	
63 (7.1)	20.0	6.7	4.9	6.9	5.0	7.4	5.0	7.6	5.0	7.9	5.2	8.4	5.1	8.9	5.1
	22.5	6.7	4.8	6.9	4.9	7.3	4.9	7.5	5.0	7.8	5.2	8.3	5.1	8.8	5.1
	25.0	6.6	4.8	6.8	4.9	7.2	4.9	7.5	4.9	7.7	5.1	8.2	5.1	8.8	5.0
	27.5	6.5	4.8	6.7	4.9	7.2	4.9	7.4	4.9	7.7	5.1	8.2	5.1	8.5	4.9
	30.0	6.5	4.7	6.6	4.8	7.1	4.8	7.3	4.9	7.6	5.1	8.1	5.0	8.6	5.0
	32.5	6.4	4.7	6.5	4.8	7.0	4.8	7.2	4.8	7.5	5.1	8.0	5.0	8.5	4.9
	35.0	6.3	4.7	6.4	4.7	6.9	4.7	7.1	4.8	7.4	5.0	8.0	5.0	8.4	4.9
	37.5	6.2	4.6	6.4	4.7	6.8	4.7	7.0	4.7	7.3	5.0	7.8	4.9	8.4	4.9
	40.0	6.1	4.6	6.3	4.7	6.8	4.7	6.9	4.7	7.2	4.9	7.8	4.9	8.3	4.9
43.0	6.1	4.5	6.2	4.6	6.7	4.6	6.8	4.7	7.2	4.9	7.7	4.9	8.2	4.8	

PFFY-P-
VLEM-E/VLRM-E

2.3b. Heating capacity in combination with PUHY,PURY-P500,650YGM

PFFY-P-VLEM-E,VLRM-E SHC:Sensible Heat Capacity(kW)

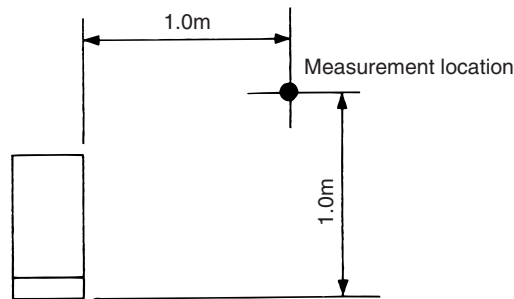
Unit size (Rated kW)	Outdoor air temp.	Indoor air temp.:°CDB			
		15.0	20.0	25.0	27.0
	°CWB	SHC	SHC	SHC	SHC
20 (2.2)	-20.0	1.3	1.3	1.3	1.3
	-15.0	1.6	1.5	1.5	1.5
	-10.0	1.8	1.8	1.7	1.7
	-5.0	2.1	2.0	1.9	1.8
	0.0	2.3	2.3	2.0	1.8
	2.5	2.4	2.4	2.0	1.8
	6.0	2.6	2.5	2.0	1.8
	7.5	2.7	2.5	2.0	1.8
	10.0	2.8	2.5	2.0	1.8
	12.5	2.9	2.5	2.0	1.8
	15.5	2.9	2.5	2.0	1.8
25 (2.8)	-20.0	1.7	1.6	1.6	1.6
	-15.0	2.0	1.9	1.9	1.9
	-10.0	2.3	2.2	2.2	2.1
	-5.0	2.6	2.6	2.5	2.3
	0.0	2.9	2.9	2.5	2.3
	2.5	3.1	3.0	2.5	2.3
	6.0	3.3	3.2	2.5	2.3
	7.5	3.4	3.2	2.5	2.3
	10.0	3.6	3.2	2.5	2.3
	12.5	3.7	3.2	2.5	2.3
	15.5	3.7	3.2	2.5	2.3
32 (3.6)	-20.0	2.1	2.0	2.0	2.0
	-15.0	2.5	2.4	2.4	2.3
	-10.0	2.9	2.8	2.7	2.6
	-5.0	3.3	3.2	3.1	2.8
	0.0	3.7	3.6	3.2	2.8
	2.5	3.8	3.8	3.2	2.8
	6.0	4.1	4.0	3.2	2.8
	7.5	4.2	4.0	3.2	2.8
	10.0	4.4	4.0	3.2	2.8
	12.5	4.6	4.0	3.2	2.8
	15.5	4.6	4.0	3.2	2.8
40 (4.5)	-20.0	2.7	2.6	2.6	2.5
	-15.0	3.1	3.0	3.0	2.9
	-10.0	3.6	3.5	3.4	3.3
	-5.0	4.1	4.0	3.9	3.5
	0.0	4.6	4.5	4.0	3.5
	2.5	4.8	4.8	4.0	3.5
	6.0	5.2	5.0	4.0	3.5
	7.5	5.3	5.0	4.0	3.5
	10.0	5.6	5.0	4.0	3.5
	12.5	5.8	5.0	4.0	3.5
	15.5	5.8	5.0	4.0	3.5
50 (5.6)	-20.0	3.3	3.2	3.2	3.2
	-15.0	3.9	3.8	3.8	3.7
	-10.0	4.5	4.4	4.3	4.2
	-5.0	5.2	5.0	4.9	4.4
	0.0	5.8	5.7	5.0	4.4
	2.5	6.0	6.0	5.0	4.4
	6.0	6.5	6.3	5.0	4.4
	7.5	6.7	6.3	5.0	4.4
	10.0	7.0	6.3	5.0	4.4
	12.5	7.3	6.3	5.0	4.4
	15.5	7.3	6.3	5.0	4.4
63 (7.1)	-20.0	4.2	4.1	4.1	4.0
	-15.0	5.0	4.8	4.8	4.6
	-10.0	5.8	5.6	5.4	5.3
	-5.0	6.6	6.4	6.2	5.6
	0.0	7.4	7.2	6.4	5.6
	2.5	7.7	7.6	6.4	5.6
	6.0	8.2	8.0	6.4	5.6
	7.5	8.5	8.0	6.4	5.6
	10.0	8.9	8.0	6.4	5.6
	12.5	9.3	8.0	6.4	5.6
	15.5	9.3	8.0	6.4	5.6

PFFY-P-
VLEM-E/VLRM-E

3. Sound Levels

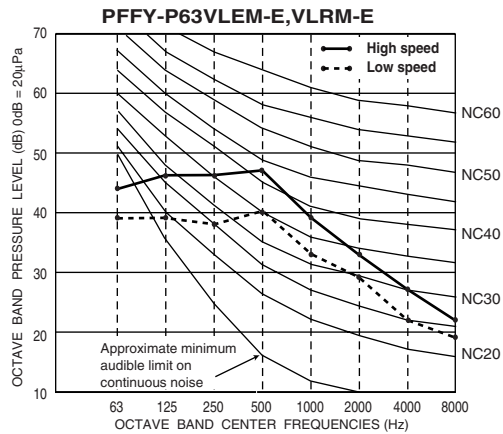
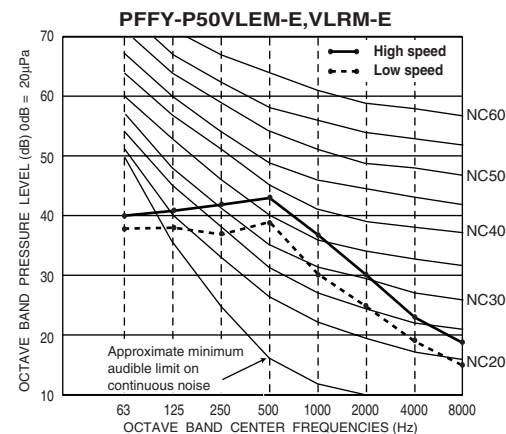
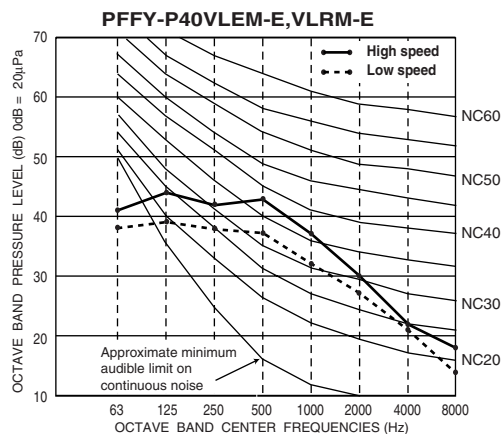
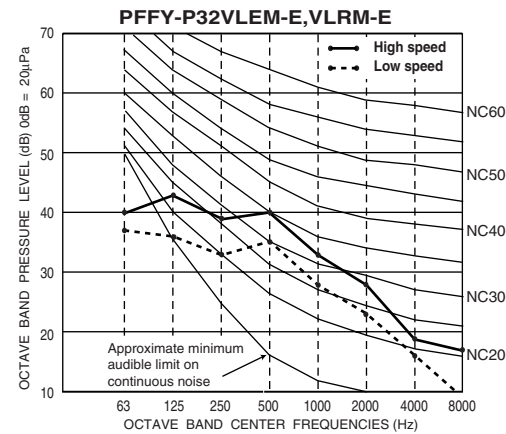
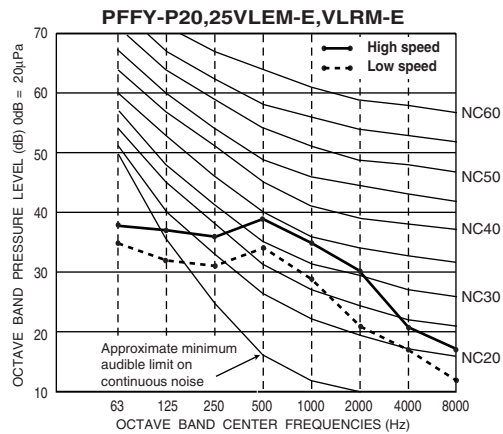
3.1 Noise levels

Floor standing



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

Model	Noise level (A weighted)
PFFY-P20VLEM-E PFFY-P20VLRM-E PFFY-P25VLEM-E PFFY-P25VLRM-E	34-40
PFFY-P32VLEM-E PFFY-P32VLRM-E	35-40
PFFY-P40VLEM-E PFFY-P40VLRM-E PFFY-P50VLEM-E PFFY-P50VLRM-E	38-43
PFFY-P63VLEM-E PFFY-P63VLRM-E	40-46



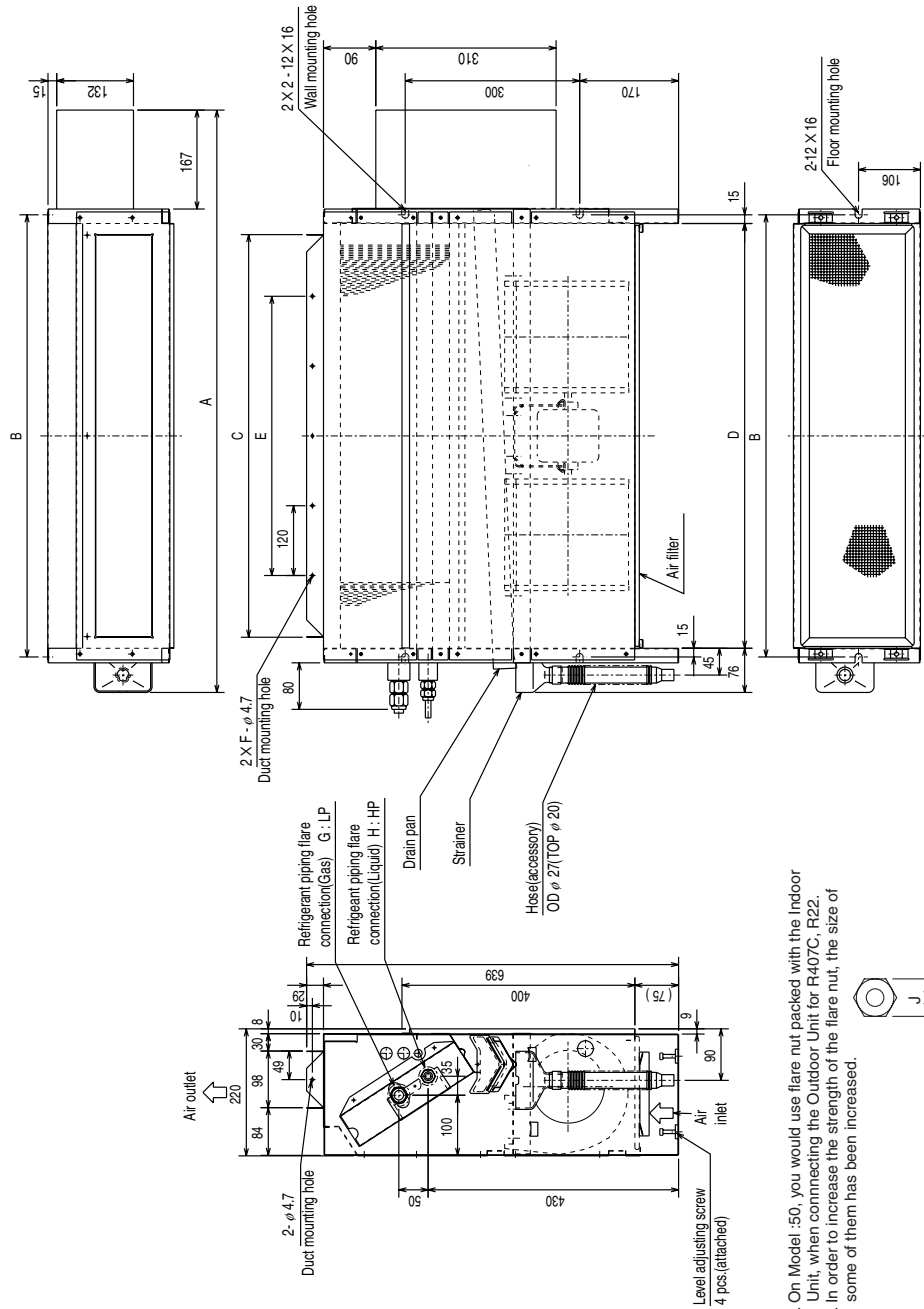
PFFY-P-
VLEM-E/VLRM-E

**PFFY-P-
VLEM-E/VLRM-E**



PFFY-P20,25,32,40,50,
63VLRM-E

Unit : mm



Dimensions

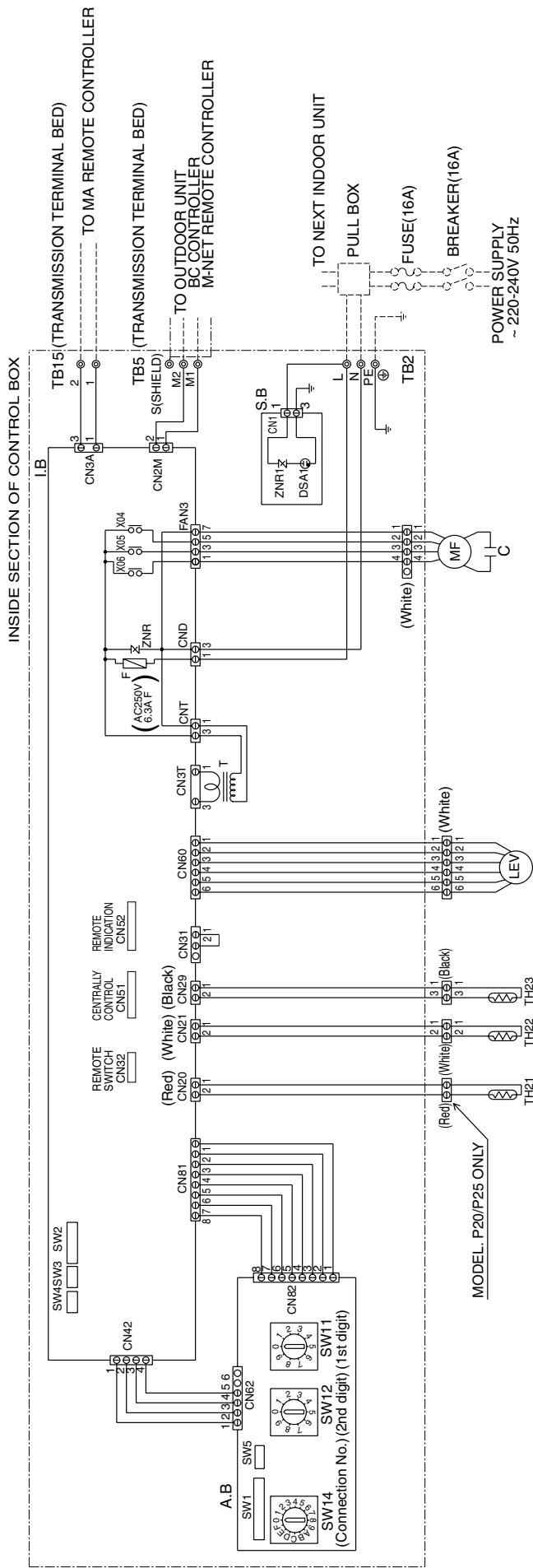
Model	A	B	C	D	E	F	G (Gas)	H (Liquid)	J (Liquid)	J (Gas)
PFFY-P20V/LRM-E	886	640	572	610	360	4	ø12.7	ø6.35	17	27
PFFY-P25V/LRM-E	886	640	572	610	360	4	ø12.7	ø6.35	17	27
PFFY-P32V/LRM-E	1006	760	692	730	480	5	ø12.7	ø6.35	17	27
PFFY-P40V/LRM-E	1006	760	692	730	480	5	ø12.7	ø6.35	17	27
PFFY-P50V/LRM-E	1246	1000	932	970	720	7	*1 ø12.7 *2 ø15.88	*1 ø6.35 *2 ø9.52	22 22	*1 29 *2 29
PFFY-P63V/LRM-E	1246	1000	932	970	720	7	ø15.88	ø9.52	22	29

*1:R410A outdoor unit
*2:R407C,R22 outdoor unit

PFFY-P-
VLEM-E/VLRM-E

5. Electrical Wiring Diagram

PFFY-P-
VLEM-E/VRM-E



SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
MF	Fan motor	TH 2 2	Thermistor (piping temp.detection/liquid)
C	*Capacitor (for MF)	TH 2 3	Thermistor (piping temp.detection/gas)
I . B	Indoor controller board	SW 1 1 (A . B)	Switch (1st digit address set)
A . B	Address board	SW 1 2 (A . B)	Switch (2nd digit address set)
TB 2	Power source terminal bed	SW 1 4 (A . B)	Switch (connection No.set)
TB 5	Transmission terminal bed	SW 1 (A . B)	Switch (for mode selection)
TB 1 5	Transmission terminal bed	SW 2 (I . B)	Switch (for capacity code)
F	Fuse AC250V 6.3A F	SW 3 (I . B)	Switch (for mode selection)
T	Transformer	SW 4 (I . B)	Switch (for model selection)
LE V	Electronic linear expan. valve	SW 5 (A . B)	Switch (for voltage selection)
S . B	Surge absorber board	X 0 4 ~ 0 6	Aux.relay
TH 2 1	Thermistor (inlet temp.detection)		

*Capacitor
MODELS
MODEL 20/25/32/40 1.5μF
50 2.0μF
63 2.5μF

6. Temperature/Airflow distribution

6.1 Temperature distribution

