

PFFY-P-VKM-E
PFFY-P-VLEM-E
PFFY-P-VLRM-E
PFFY-P-VLRMM-E

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1. SPECIFICATIONS

R410A Data G8

Model			PFFY-P20VKM-E	PFFY-P25VKM-E	PFFY-P32VKM-E	PFFY-P40VKM-E	
Power source			1-phase 220-230-240V 50Hz				
Cooling capacity (Nominal)	*:1	kW	2.2	2.8	3.6	4.5	
	*:1	kcal / h	1,900	2,400	3,100	3,900	
	*:1	Btu / h	7,500	9,600	12,300	15,400	
	*:2	kcal / h	2,000	2,500	3,200	4,000	
	*:4	Power input	kW	0.025	0.025	0.025	0.028
*:4	Current input	A	0.20	0.20	0.20	0.24	
Heating capacity (Nominal)	*:3	kW	2.5	3.2	4.0	5.0	
	*:3	kcal / h	2,200	2,800	3,400	4,300	
	*:3	Btu / h	8,500	10,900	13,600	17,100	
	*:4	Power input	kW	0.025	0.025	0.025	0.028
	*:4	Current input	A	0.20	0.20	0.20	0.24
External finish			Plastic (Pure White)				
External dimension H x W x D		mm	600 x 700 x 200				
		in.	23-5/8 x 27-9/16 x 7-7/8				
Net weight		kg (lb)	15 (34)				
Heat exchanger			Cross fin (Aluminium fin and copper tube)				
FAN	Type x Quantity		Line flow fan x 2				
	External static press.	Pa	0				
		mmH ₂ O	0				
	Motor type		DC motor				
	Motor output		0.03 x 2				
	Driving mechanism		Direct-drive				
	Airflow rate (Low-Mid-High -SHigh)	m³ / min	5.9 - 6.8 - 7.6 - 8.7	6.1 - 7.0 - 8.0 - 9.1	6.1 - 7.0 - 8.0 - 9.1	8.0 - 9.0 - 9.5 - 10.7	
		L / s	98 - 113 - 127 - 145	102 - 117 - 133 - 152	102 - 117 - 133 - 152	133 - 150 - 158 - 178	
cfm		208 - 240 - 268 - 307	215 - 247 - 283 - 321	215 - 247 - 283 - 321	283 - 318 - 335 - 378		
Sound pressure level (Low-Mid-High-SHigh) (measured in anechoic room) *:4		dB <A>	27 - 31 - 34 - 37	28 - 32 - 35 - 38	28 - 32 - 35 - 38	35 - 38 - 42 - 44	
Insulation material			Polyethylene sheet				
Air filter			PP honeycomb fabric (Catechin air filter)				
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			R410A CITY MULTI				
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø6.35 (ø1/4) Flare				
	Gas (R410A)	mm (in.)	ø12.7 (ø1/2) Flare				
Field drain pipe size		mm (in.)	I.D. 16mm (5/8)				
Drawing	External		IU-BK01-B517				
	Wiring		IU-RG79-V367				
	Refrigerant cycle		-				
Standard attachment	Document		Installation Manual, Instruction Book				
	Accessory						
Remark	Optional parts		-				
	Installation						Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.
Note : *:1 Nominal cooling conditions *:2 Nominal cooling conditions *:3 Nominal heating conditions Unit converter Indoor : 27°CDB/19°CWB (81°FDB/66°FWB) Outdoor : 35°CDB (95°FDB) Pipe length : 7.5 m (24-9/16 ft) Level difference : 0 m (0 ft) 27°CDB/19.5°CWB (81°FDB/67°FWB) 35°CDB (95°FDB) 5 m (16-3/8 ft) 0 m (0 ft) 20°CDB (68°FDB) 7°CDB/6°CWB (45°FDB/43°FWB) 7.5 m (24-9/16 ft) 0 m (0 ft) kcal/h = kW x 860 Btu/h = kW x 3,412 cfm = m³/min x 35.31 lb = kg / 0.4536 * Nominal conditions *:1, *:3 are subject to JIS B8615-1. * Due to continuing improvement, above specification may be subject to change without notice. *:4 The values are measured at the rated external static pressure. *Above specification data is subject to rounding variation.							

Ref.: Spec_PFFY-P-VKM-E_1

1. SPECIFICATIONS

R410A Data G8

Model			PFFY-P20VLEM-E	PFFY-P25VLEM-E	PFFY-P32VLEM-E	PFFY-P40VLEM-E								
Power source			1-phase 220-240V 50Hz, 1-phase 208-230V 60Hz											
Cooling capacity (Nominal)	*1	kW	2.2	2.8	3.6	4.5								
	*1	kcal / h	1,900	2,400	3,100	3,900								
	*1	Btu / h	7,500	9,600	12,300	15,400								
	*2	kcal / h	2,000	2,500	3,150	4,000								
	*4	Power input	kW	0.04 / 0.06	0.04 / 0.06	0.06 / 0.07	0.065 / 0.075							
*4	Current input	A	0.19 / 0.25	0.19 / 0.25	0.29/0.30	0.32 / 0.33								
Heating capacity (Nominal)	*3	kW	2.5	3.2	4.0	5.0								
	*3	kcal / h	2,200	2,800	3,400	4,300								
	*3	Btu / h	8,500	10,900	13,600	17,100								
	*4	Power input	kW	0.04 / 0.06	0.04 / 0.06	0.06 / 0.07	0.065 / 0.075							
	*4	Current input	A	0.19 / 0.25	0.19 / 0.25	0.29 / 0.30	0.32 / 0.33							
External finish			Acrylic painted, MUNSELL (5Y 8/1)											
External dimension H x W x D		mm	630 x 1,050 x 220	630 x 1,050 x 220	630 x 1,170 x 220	630 x 1,170 x 220								
		in.	24-13/16 x 41-3/8 x 8-11/16	24-13/16 x 41-3/8 x 8-11/16	24-13/16 x 46-1/8 x 8-11/16	24-13/16 x 46-1/8 x 8-11/16								
Net weight		kg (lb)	23 (51)	23 (51)	25 (56)	26 (58)								
Heat exchanger			Cross fin (Aluminium fin and copper tube)											
FAN	Type x Quantity		Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 2	Sirocco fan x 2								
	External static press.	Pa	0	0	0	0								
		mmH ₂ O	0	0	0	0								
	Motor type		1-phase induction motor											
	Motor output	kW	0.015	0.015	0.018	0.030								
	Driving mechanism		Direct-driven by motor											
	Airflow rate (Low-High)	m³ / min	5.5 - 6.5	5.5 - 6.5	7.0 - 9.0	9.0 - 11.0								
		L / s	92 - 108	92 - 108	117 - 150	150 - 183								
		cfm	194 - 230	194 - 230	247 - 318	318 - 388								
Sound pressure level (Low-High) (measured in anechoic room)		dB <A>	32 - 38 (220V, 50Hz)	32 - 38 (220V, 50Hz)	33 - 38 (220V, 50Hz)	36 - 41 (220V, 50Hz)								
		dB <A>	33 - 39 (230V, 50Hz)	33 - 39 (230V, 50Hz)	34 - 39 (230V, 50Hz)	37 - 42 (230V, 50Hz)								
		*4 dB <A>	34 - 40 (240V, 50Hz)	34 - 40 (240V, 50Hz)	35 - 40 (240V, 50Hz)	38 - 43 (240V, 50Hz)								
Insulation material			Polyethylene foam, Urethane foam											
Air filter			PP honeycomb fabric (washable)											
Protection device			Fuse											
Refrigerant control device			LEV											
Connectable outdoor unit			R410A CITY MULTI											
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare								
	Gas (R410A)	mm (in.)	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare								
Field drain pipe size		mm (in.)	I.D. 26mm (1)											
Drawing	External		IU-W65-3950 IU-W65-3960 -											
	Wiring													
	Refrigerant cycle													
Standard attachment	Document		Installation Manual, Instruction Book Drain hose (O.D.27mm(1-3/32), (End O.D.20mm(13/16))) (flexible joint)											
	Accessory													
Remark	Optional parts		-											
Installation			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.											
Note :			*1 Nominal cooling conditions			*2 Nominal cooling conditions			*3 Nominal heating conditions			Unit converter		
			Indoor : 27°CDB/19°CWB (81°FDB/66°FWB)			27°CDB/19.5°CWB (81°FDB/67°FWB)			20°CDB (68°FDB)			kcal/h = kW x 860		
			Outdoor : 35°CDB (95°FDB)			35°CDB (95°FDB)			7°CDB/6°CWB (45°FDB/43°FWB)			Btu/h = kW x 3,412		
			Pipe length : 7.5 m (24-9/16 ft)			5 m (16-3/8 ft)			7.5 m (24-9/16 ft)			cfm = m³/min x 35.31		
			Level difference : 0 m (0 ft)			0 m (0 ft)			0 m (0 ft)			lb = kg / 0.4536		
* Nominal conditions *1, *3 are subject to JIS B8615-1.												*Above specification data is subject to rounding variation.		
* Due to continuing improvement, above specification may be subject to change without notice.														
*4 The values are measured at the rated external static pressure.														

Ref.: Spec_PFFY-P-VLE(R)M-E_1

PFFY

1. SPECIFICATIONS

R410A Data G8

Model			PFFY-P50VLEM-E	PFFY-P63VLEM-E	PFFY-P20VLRM-E	PFFY-P25VLRM-E	
Power source			1-phase 220-240V 50Hz, 1-phase 208-230V 60Hz				
Cooling capacity (Nominal)	*1	kW	5.6	7.1	2.2	2.8	
	*1	kcal / h	4,800	6,100	1,900	2,400	
	*1	Btu / h	19,100	24,200	7,500	9,600	
	*2	kcal / h	5,000	6,300	2,000	2,500	
	*4	Power input	kW	0.085 / 0.09	0.1 / 0.11	0.04 / 0.06	0.04 / 0.06
*4	Current input	A	0.40 / 0.41	0.46 / 0.47	0.19 / 0.25	0.19 / 0.25	
Heating capacity (Nominal)	*3	kW	6.3	8.0	2.5	3.2	
	*3	kcal / h	5,400	6,900	2,200	2,800	
	*3	Btu / h	21,500	27,300	8,500	10,900	
	*4	Power input	kW	0.085 / 0.09	0.1 / 0.11	0.04 / 0.06	0.04 / 0.06
	*4	Current input	A	0.40 / 0.41	0.46 / 0.47	0.19 / 0.25	0.19 / 0.25
External finish			Acrylic painted, MUNSELL (5Y 8/1)		Galvanized		
External dimension H x W x D		mm	630 x 1,410 x 220	630 x 1,410 x 220	639 x 886 x 220	639 x 886 x 220	
		in.	24-13/16 x 55-9/16 x 8-11/16	24-13/16 x 55-9/16 x 8-11/16	25-3/16 x 34-15/16 x 8-11/16	25-3/16 x 34-15/16 x 8-11/16	
Net weight		kg (lb)	30 (67)	32 (71)	18.5 (41)	18.5 (41)	
Heat exchanger			Cross fin (Aluminium fin and copper tube)				
FAN	Type x Quantity		Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 1	Sirocco fan x 1	
	External static press.	Pa	0	0	0	0	
		mmH ₂ O	0	0	0	0	
	Motor type		1-phase induction motor				
	Motor output	kW	0.035	0.050	0.015	0.015	
	Driving mechanism		Direct-driven by motor				
	Airflow rate (Low-High)	m ³ / min	12.0 - 14.0	12.0 - 15.5	5.5 - 6.5	5.5 - 6.5	
		L / s	200 - 233	200 - 258	92 - 108	92 - 108	
		cfm	424 - 494	424 - 547	194 - 230	194 - 230	
Sound pressure level (Low-High) (measured in anechoic room)		dB <A>	36 - 41 (220V, 50Hz)	38 - 44 (220V, 50Hz)	32 - 38 (220V, 50Hz)	32 - 38 (220V, 50Hz)	
		dB <A>	37 - 42 (230V, 50Hz)	39 - 45 (230V, 50Hz)	33 - 39 (230V, 50Hz)	33 - 39 (230V, 50Hz)	
		*4 dB <A>	38 - 43 (240V, 50Hz)	40 - 46 (240V, 50Hz)	34 - 40 (240V, 50Hz)	34 - 40 (240V, 50Hz)	
Insulation material			Polyethylene foam, Urethane foam				
Air filter			PP honeycomb fabric (washable)				
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			R410A CITY MULTI				
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø6.35 (ø1/4) Flare	ø9.52 (ø3/8) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	
	Gas (R410A)	mm (in.)	ø12.7 (ø1/2) Flare	ø15.88 (ø5/8) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	
Field drain pipe size		mm (in.)	I.D. 26mm (1)				
Drawing	External		IU-W65-3950	IU-W65-3950	IU-W65-3951	IU-W65-3951	
	Wiring		IU-W65-3960	IU-W65-3960	IU-W65-3960	IU-W65-3960	
	Refrigerant cycle		-	-	-	-	
Standard attachment	Document		Installation Manual, Instruction Book				
	Accessory		Drain hose (O.D.27mm(1-3/32), (End O.D.20mm(13/16))) (flexible joint)				
Remark	Optional parts		-				
	Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.				
Note :						Unit converter	
*1 Nominal cooling conditions			*2 Nominal cooling conditions	*3 Nominal heating conditions			
Indoor : 27°CDB/19°CWB (81°FDB/66°FWB)			27°CDB/19.5°CWB (81°FDB/67°FWB)	20°CDB (68°FDB)	kcal/h = kW x 860		
Outdoor : 35°CDB (95°FDB)			35°CDB (95°FDB)	7°CDB/6°CWB (45°FDB/43°FWB)	Btu/h = kW x 3,412		
Pipe length : 7.5 m (24-9/16 ft)			5 m (16-3/8 ft)	7.5 m (24-9/16 ft)	cfm = m ³ /min x 35.31		
Level difference : 0 m (0 ft)			0 m (0 ft)	0 m (0 ft)	lb = kg / 0.4536		
* Nominal conditions *1, *3 are subject to JIS B8615-1.						*Above specification data is subject to rounding variation.	
* Due to continuing improvement, above specification may be subject to change without notice.							
*4 The values are measured at the rated external static pressure.							

Ref.: Spec_PFFY-P-VLE(R)M-E_2

1. SPECIFICATIONS

R410A Data G8

Model			PFFY-P32VLRM-E	PFFY-P40VLRM-E	PFFY-P50VLRM-E	PFFY-P63VLRM-E	
Power source			1-phase 220-240V 50Hz, 1-phase 208-230V 60Hz				
Cooling capacity (Nominal)	*1	kW	3.6	4.5	5.6	7.1	
	*1	kcal / h	3,100	3,900	4,800	6,100	
	*1	Btu / h	12,300	15,400	19,100	24,200	
	*2	kcal / h	3,150	4,000	5,000	6,300	
	*4	Power input	kW	0.06 / 0.07	0.065 / 0.075	0.085 / 0.09	0.1 / 0.11
*4	Current input	A	0.29 / 0.30	0.32 / 0.33	0.40 / 0.41	0.46 / 0.47	
Heating capacity (Nominal)	*3	kW	4.0	5.0	6.3	8.0	
	*3	kcal / h	3,400	4,300	5,400	6,900	
	*3	Btu / h	13,600	17,100	21,500	27,300	
	*4	Power input	kW	0.06 / 0.07	0.065 / 0.075	0.085 / 0.09	0.1 / 0.11
	*4	Current input	A	0.29 / 0.30	0.32 / 0.33	0.40 / 0.41	0.46 / 0.47
External finish			Galvanized				
External dimension H x W x D		mm	639 x 1,006 x 220	639 x 1,006 x 220	639 x 1,246 x 220	639 x 1,246 x 220	
		in.	25-3/16 x 39-5/8 x 8-11/16	25-3/16 x 39-5/8 x 8-11/16	25-3/16 x 49-1/16 x 8-11/16	25-3/16 x 49-1/16 x 8-11/16	
Net weight		kg (lb)	20 (45)	21 (47)	25 (56)	27 (60)	
Heat exchanger			Cross fin (Aluminium fin and copper tube)				
FAN	Type x Quantity		Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	Sirocco fan x 2	
	External static press.	Pa	0	0	0	0	
		mmHzO	0	0	0	0	
	Motor type		1-phase induction motor				
	Motor output		kW	0.018	0.030	0.035	0.050
	Driving mechanism		Direct-driven by motor				
	Airflow rate (Low-High)	m³ / min	7.0 - 9.0	9.0 - 11.0	12.0 - 14.0	12.0 - 15.5	
		L / s	117 - 150	150 - 183	200 - 233	200 - 258	
		cfm	247 - 318	318 - 388	424 - 494	424 - 547	
Sound pressure level (Low-High) (measured in anechoic room)		dB <A>	33 - 38 (220V, 50Hz)	36 - 41 (220V, 50Hz)	36 - 41 (220V, 50Hz)	38 - 44 (220V, 50Hz)	
		dB <A>	34 - 39 (230V, 50Hz)	37 - 42 (230V, 50Hz)	37 - 42 (230V, 50Hz)	39 - 45 (230V, 50Hz)	
		*4 dB <A>	35 - 40 (240V, 50Hz)	38 - 43 (240V, 50Hz)	38 - 43 (240V, 50Hz)	40 - 46 (240V, 50Hz)	
Insulation material			Polyethylene foam, Urethane foam				
Air filter			PP honeycomb fabric (washable)				
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			R410A CITY MULTI				
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø6.35 (ø1/4) Flare	ø9.52 (ø3/8) Flare	
	Gas (R410A)	mm (in.)	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø12.7 (ø1/2) Flare	ø15.88 (ø5/8) Flare	
Field drain pipe size		mm (in.)	I.D. 26mm (1)				
Drawing	External		IU-W65-3951 IU-W65-3960 -				
	Wiring						
	Refrigerant cycle						
Standard attachment	Document		Installation Manual, Instruction Book Drain hose (O.D.27mm(1-3/32), (End O.D.20mm(13/16))) (flexible joint)				
	Accessory						
Remark	Optional parts		-				
Installation			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.				
Note : *1 Nominal cooling conditions Indoor : 27°CDB/19°CWB (81°FDB/66°FWB) Outdoor : 35°CDB (95°FDB) Pipe length : 7.5 m (24-9/16 ft) Level difference : 0 m (0 ft) *2 Nominal cooling conditions 27°CDB/19.5°CWB (81°FDB/67°FWB) 35°CDB (95°FDB) 5 m (16-3/8 ft) 0 m (0 ft) *3 Nominal heating conditions 20°CDB (68°FDB) 7°CDB/6°CWB (45°FDB/43°FWB) 7.5 m (24-9/16 ft) 0 m (0 ft) Unit converter kcal/h = kW x 860 Btu/h = kW x 3,412 cfm = m³/min x 35.31 lb = kg / 0.4536							
* Nominal conditions *1, *3 are subject to JIS B8615-1. * Due to continuing improvement, above specification may be subject to change without notice. *4 The values are measured at the rated external static pressure. *Above specification data is subject to rounding variation.							

Ref.: Spec_PFFY-P-VLE(R)M-E_3

PFFY

1. SPECIFICATIONS

R410A Data G8

Model			PFFY-P20VLRMM-E	PFFY-P25VLRMM-E	PFFY-P32VLRMM-E	PFFY-P40VLRMM-E								
Power source			1-phase 220-240V (50/60Hz)											
Cooling capacity (Nominal)	*:1	kW	2.2	2.8	3.6	4.5								
	*:1	kcal / h	1,900	2,400	3,100	3,900								
	*:1	Btu / h	7,500	9,600	12,300	15,400								
	*:2	kcal / h	2,000	2,500	3,150	4,000								
	*:4	Power input	kW	0.04	0.04	0.05								
*:4	Current input	A	0.34	0.34	0.38	0.43								
Heating capacity (Nominal)	*:3	kW	2.5	3.2	4.0	5.0								
	*:3	kcal / h	2,200	2,800	3,400	4,300								
	*:3	Btu / h	8,500	10,900	13,600	17,100								
	*:4	Power input	kW	0.04	0.04	0.05								
	*:4	Current input	A	0.34	0.34	0.38	0.43							
External finish			Galvanized steel plate											
External dimension H x W x D		mm	639 x 886 x 220	639 x 886 x 220	639 x 1006 x 220	639 x 1006 x 220								
		in.	25-3/16 x 34-15/16 x 8-11/16	25-3/16 x 34-15/16 x 8-11/16	25-3/16 x 39-5/8 x 8-11/16	25-3/16 x 39-5/8 x 8-11/16								
Net weight		kg (lb)	18.5 (41)	18.5 (41)	20 (45)	21(47)								
Heat exchanger			Cross fin (Aluminium fin and copper tube)											
FAN	Type x Quantity		Sirocco fan x 1	Sirocco fan x 1	Sirocco fan x 2	Sirocco fan x 2								
	External static press.	Pa	20 - <40> - <60>	20 - <40> - <60>	20 - <40> - <60>	20 - <40> - <60>								
		mmH ₂ O	2.0 - <4.1> - <6.1>	2.0 - <4.1> - <6.1>	2.0 - <4.1> - <6.1>	2.0 - <4.1> - <6.1>								
	Motor type		DC blushless motor											
	Motor output	kW	0.096	0.096	0.096	0.096								
	Driving mechanism		Direct-driven											
	Airflow rate (Low-Mid-High)	m ³ / min	4.5 - 5.5 - 6.5	4.5 - 5.5 - 6.5	6.5 - 7.5 - 9.0	8.0 - 9.5 - 11.0								
		L / s	75 - 92 - 108	75 - 92 - 108	108 - 125 - 150	133 - 158 - 183								
		cfm	159 - 194 - 230	159 - 194 - 230	230 - 265 - 318	283 - 335 - 388								
Sound pressure level (Low-Mid-High) (measured in anechoic room)	dB <A>	31 - 36 - 40 (20Pa)	31 - 36 - 40 (20Pa)	27 - 32 - 37 (20Pa)	30 - 36 - 40 (20Pa)									
	dB <A>	34 - 39 - 42 (40Pa)	34 - 39 - 42 (40Pa)	30 - 35 - 41 (40Pa)	32 - 38 - 42 (40Pa)									
	*:4	dB <A>	35 - 40 - 43 (60Pa)	35 - 40 - 43 (60Pa)	32 - 37 - 42 (60Pa)	35 - 39 - 44 (60Pa)								
Insulation material			Polyethylene foam, Urethane foam											
Air filter			PP honeycomb fabric (washable)											
Protection device			Fuse											
Refrigerant control device			LEV											
Connectable outdoor unit			R410A CITY MULTI											
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø6.35 (ø1/4) Brazed	ø6.35 (ø1/4) Brazed	ø6.35 (ø1/4) Brazed	ø6.35 (ø1/4) Brazed								
	Gas (R410A)	mm (in.)	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed								
Field drain pipe size		mm (in.)	I.D. 26mm (1)<Accessory hose O.D.27mm(top end:O.D.20mm)>											
Drawing	External		IU-KB94-L081 IU-KB94-G985 -	IU-KB94-L081 IU-KB94-G985 -	IU-KB94-L081 IU-KB94-G985 -	IU-KB94-L081 IU-KB94-G985 -								
	Wiring													
	Refrigerant cycle													
Standard attachment	Document		Installation Manual, Instruction Book Screw plate, Level adjusting screw, Strainer, Drain hose (flexible joint), Hose band											
	Accessory													
Remark	Optional parts		-											
Installation			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.											
Note :			*:1 Nominal cooling conditions			*:2 Nominal cooling conditions			*:3 Nominal heating conditions			Unit converter		
Indoor :			27°CDB/19°CWB (81°FDB/66°FWB)			27°CDB/19.5°CWB (81°FDB/67°FWB)			20°CDB (68°FDB)			kcal/h = kW x 860		
Outdoor :			35°CDB (95°FDB)			35°CDB (95°FDB)			7°CDB/6°CWB (45°FDB/43°FWB)			Btu/h = kW x 3,412		
Pipe length :			7.5 m (24-9/16 ft)			5 m (16-3/8 ft)			7.5 m (24-9/16 ft)			cfm = m³/min x 35.31		
Level difference :			0 m (0 ft)			0 m (0 ft)			0 m (0 ft)			lb = kg / 0.4536		
* Nominal conditions *:1, *:3 are subject to JIS B8615-1.												*Above specification data is subject to rounding variation.		
* Due to continuing improvement, above specification may be subject to change without notice.														
*:4 The values are measured at the rated external static pressure.														

Ref.: Spec_PFFY-P-VLRMM-E_1

1. SPECIFICATIONS

R410A Data G8

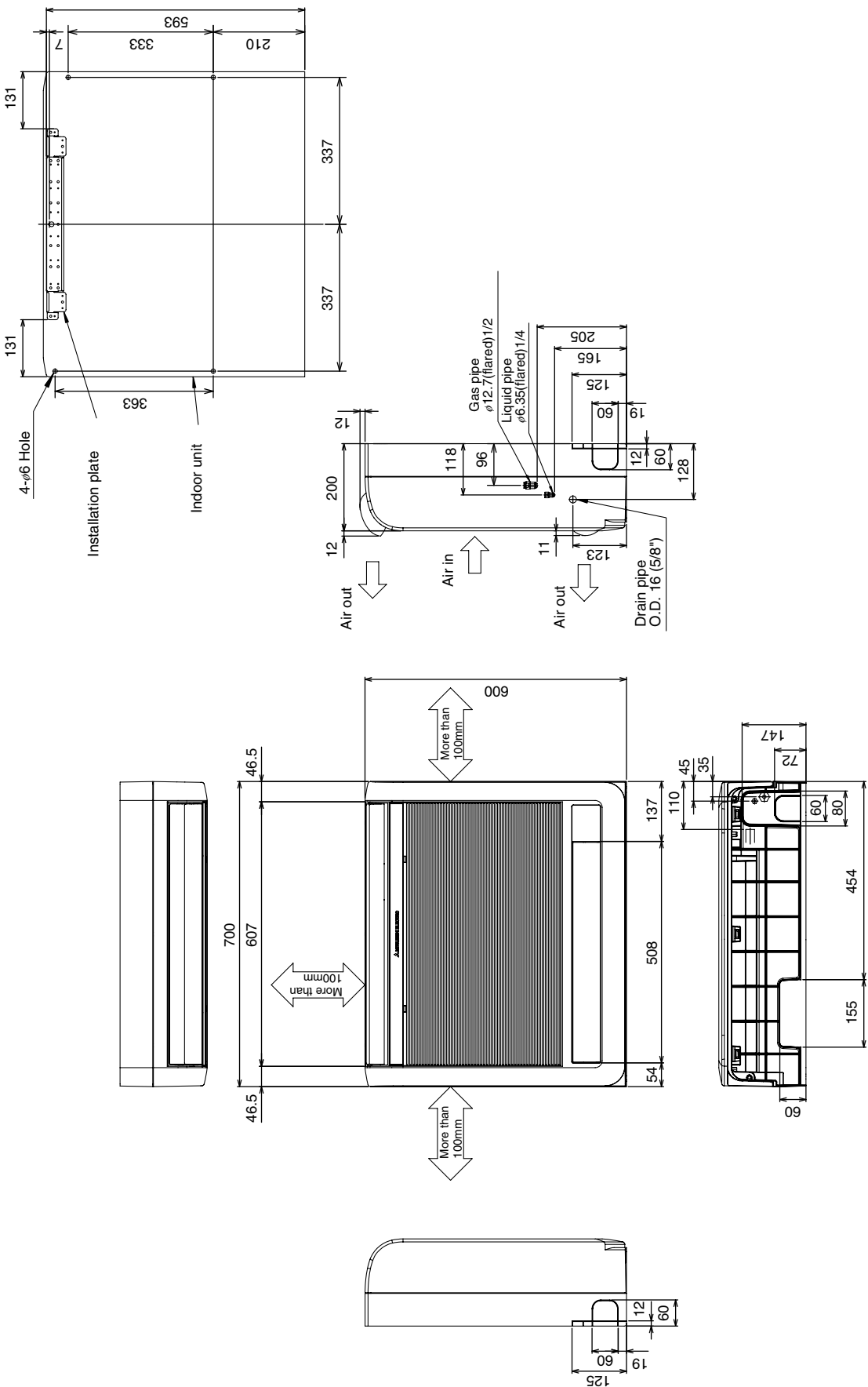
Model			PFFY-P50VLRMM-E	PFFY-P63VLRMM-E			
Power source			1-phase 220-240V (50/60Hz)				
Cooling capacity (Nominal)	*1	kW	5.6	7.1			
	*1	kcal / h	4,800	6,100			
	*1	Btu / h	19,100	24,200			
	*2	kcal / h	5,000	6,300			
	*4	Power input	kW	0.05	0.07		
*4	Current input	A	0.48	0.59			
Heating capacity (Nominal)	*3	kW	6.3	8.0			
	*3	kcal / h	5,400	6,900			
	*3	Btu / h	21,500	27,300			
	*4	Power input	kW	0.05	0.07		
	*4	Current input	A	0.48	0.59		
External finish			Galvanized steel plate				
External dimension H x W x D		mm	639 x 1246 x 220	639 x 1246 x 220			
		in.	25-3/16 x 49-1/16 x 8-11/16	25-3/16 x 49-1/16 x 8-11/16			
Net weight		kg (lb)	25 (56)	27 (60)			
Heat exchanger			Cross fin (Aluminium fin and copper tube)				
FAN	Type x Quantity		Sirocco fan x 2	Sirocco fan x 2			
	External static press.	Pa	20 - <40> - <60>	20 - <40> - <60>			
		mmH ₂ O	2.0 - <4.1> - <6.1>	2.0 - <4.1> - <6.1>			
	Motor type		DC blushless motor				
	Motor output		kW	0.096	0.096		
	Driving mechanism		Direct-driven				
	Airflow rate (Low-Mid-High)	m ³ / min	10.0 - 12.0 - 14.0	11.0 - 13.0-15.5			
		L / s	167 - 200 - 233	183 - 217 - 258			
		cfm	353 - 424 - 494	388 - 459 - 547			
Sound pressure level (Low-Mid-High) (measured in anechoic room)	*4	dB <A>	32 - 37 - 41 (20Pa)	35 - 40 - 44 (20Pa)			
		dB <A>	35 - 40 - 44 (40Pa)	36 - 42 - 47 (40Pa)			
		dB <A>	36 - 41 - 45 (60Pa)	38 - 43 - 48 (60Pa)			
		Insulation material			Polyethylene foam, Urethane foam		
Air filter			PP honeycomb fabric (washable)				
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			R410A CITY MULTI				
Diameter of refrigerant pipe	Liquid (R410A)	mm (in.)	ø6.35 (ø1/4) Brazed	ø9.52 (ø3/8) Brazed			
	Gas (R410A)	mm (in.)	ø12.7 (ø1/2) Brazed	ø15.88 (ø5/8) Brazed			
Field drain pipe size		mm (in.)	I.D. 26mm (1)<Accessory hose O.D.27mm(top end:O.D.20mm)>				
Drawing	External		IU-KB94-L081	IU-KB94-L081			
	Wiring		IU-KB94-G985	IU-KB94-G985			
	Refrigerant cycle		-	-			
Standard attachment	Document		Installation Manual, Instruction Book				
	Accessory		Screw plate, Level adjusting screw, Strainer, Drain hose (flexible joint), Hose band				
Remark	Optional parts		-				
	Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.				
Note : *1 Nominal cooling conditions Indoor : 27°CDB/19°CWB (81°FDB/66°FWB) Outdoor : 35°CDB (95°FDB) Pipe length : 7.5 m (24-9/16 ft) Level difference : 0 m (0 ft) *2 Nominal cooling conditions 27°CDB/19.5°CWB (81°FDB/67°FWB) 35°CDB (95°FDB) 5 m (16-3/8 ft) 0 m (0 ft) *3 Nominal heating conditions 20°CDB (68°FDB) 7°CDB/6°CWB (45°FDB/43°FWB) 7.5 m (24-9/16 ft) 0 m (0 ft) Unit converter kcal/h = kW x 860 Btu/h = kW x 3,412 cfm = m³/min x 35.31 lb = kg / 0.4536 * Nominal conditions *1, *3 are subject to JIS B8615-1. * Due to continuing improvement, above specification may be subject to change without notice. *4 The values are measured at the rated external static pressure. *Above specification data is subject to rounding variation.							

Ref.: Spec_PFFY-P-VLRMM-E_2

PFFY

PFFY-P20,25,32,40VKM-E

Draw : IU-BK01-B517
 Unit : mm



PFFY

R410A Data G8

Drw. : IU-W65-3950
Unit : mm

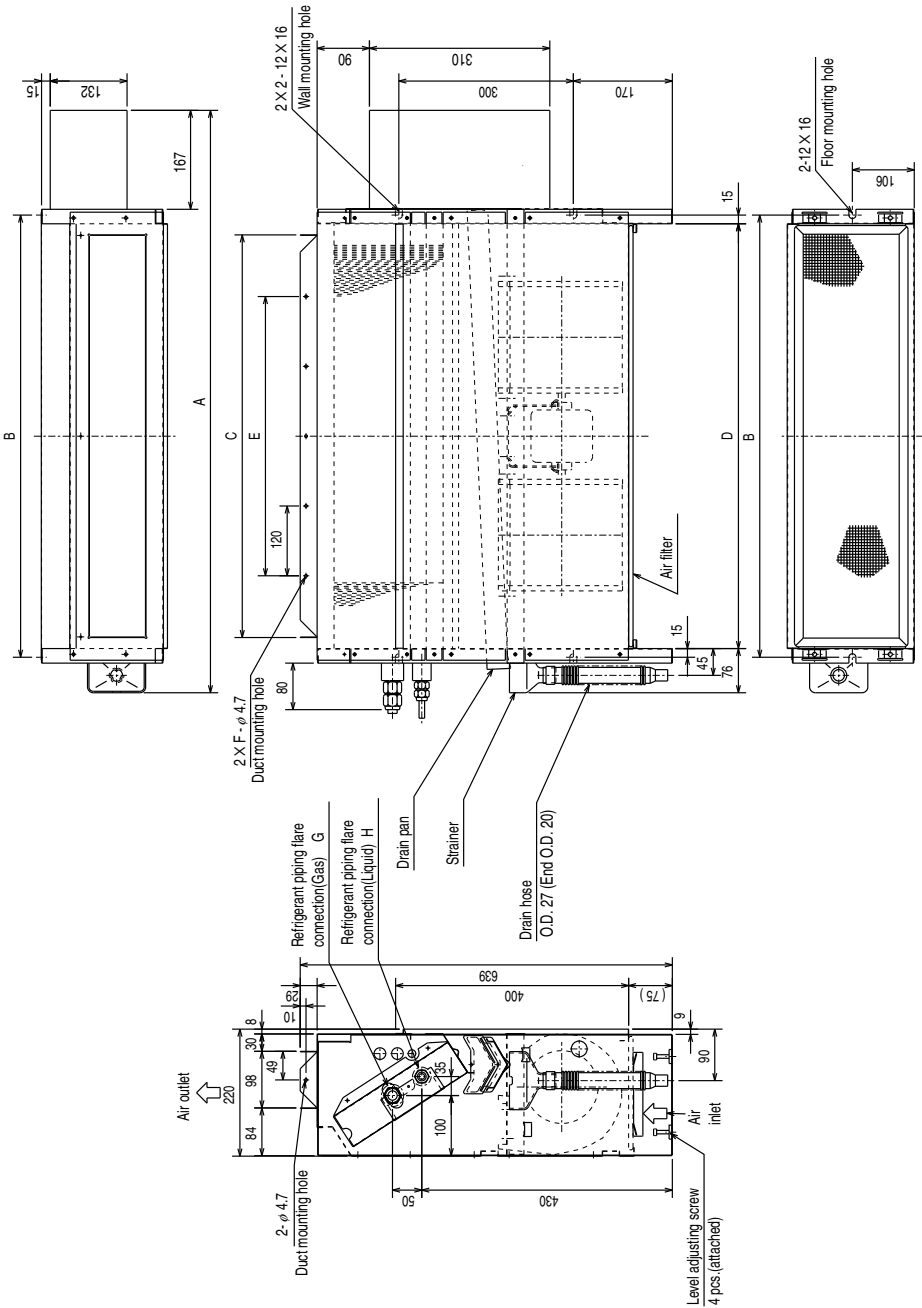


Dimensions	Model	A	B	C	D	E(Gas)	F(Liquid)
		PFFY-P20VLEM-E	1050	640	600	610	ϕ 12.7
	PFFY-P25VLEM-E	1050	640	600	610	ϕ 12.7	ϕ 6.35
	PFFY-P32VLEM-E	1170	760	720	730	ϕ 12.7	ϕ 6.35
	PFFY-P40VLEM-E	1170	760	720	730	ϕ 12.7	ϕ 6.35
	PFFY-P50VLEM-E	1410	1000	960	970	ϕ 12.7	ϕ 6.35
	PFFY-P63VLEM-E	1410	1000	960	970	ϕ 15.88	ϕ 9.52

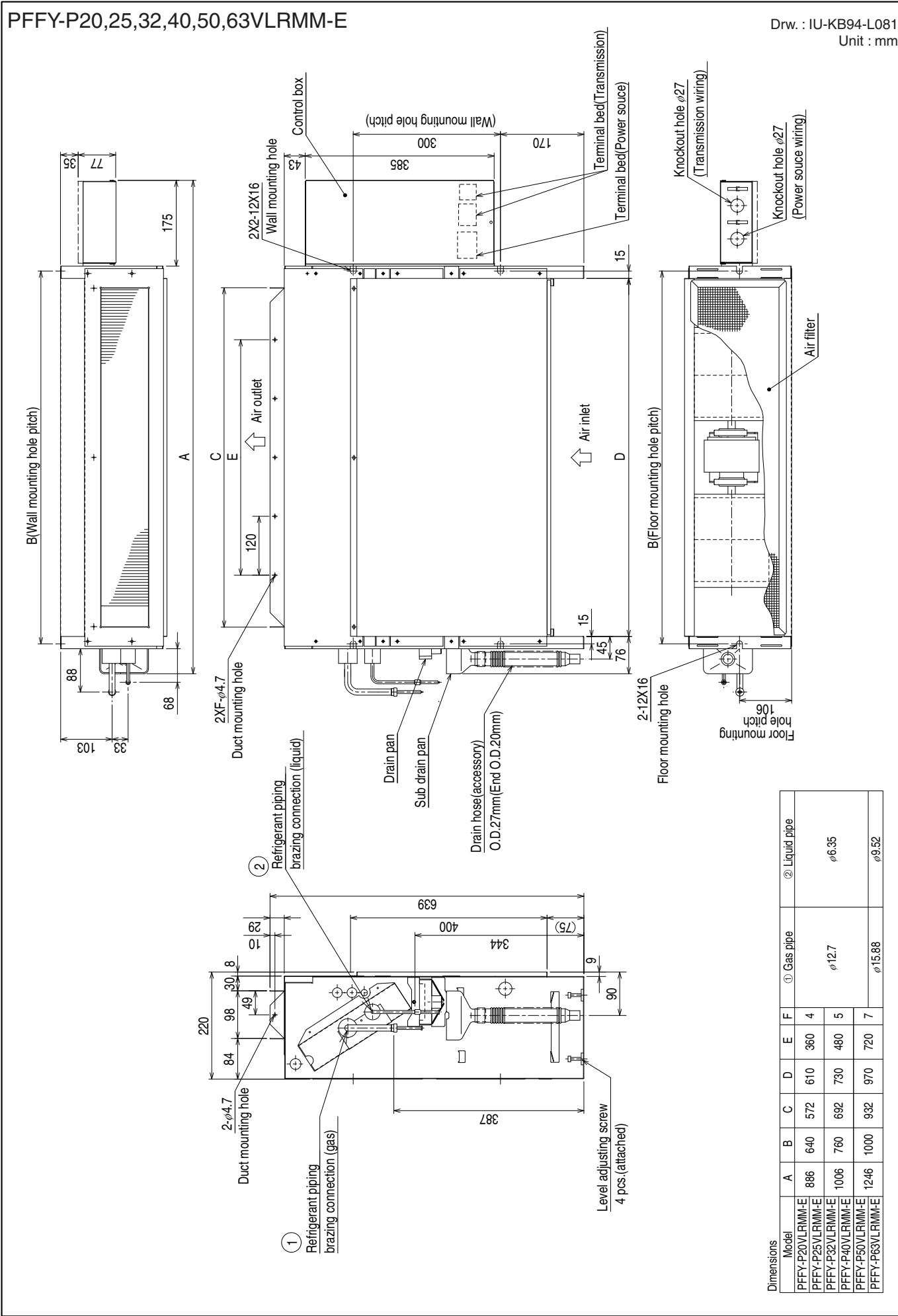
PFFY

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

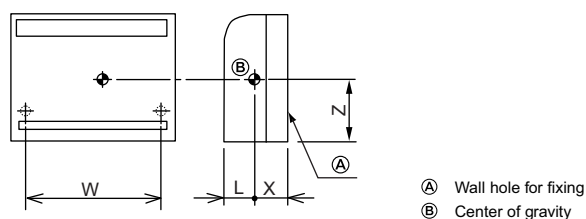
Drw. : IU-W65-3951
 Unit : mm



Dimensions									
Model	A	B	C	D	E	F	G (Gas)	H (Liquid)	
PFFY-P20VLRM-E	886	640	572	610	360	4	ϕ 12.7	ϕ 6.35	
PFFY-P25VLRM-E	886	640	572	610	360	4	ϕ 12.7	ϕ 6.35	
PFFY-P32VLRM-E	1006	760	692	730	480	5	ϕ 12.7	ϕ 6.35	
PFFY-P40VLRM-E	1006	760	692	730	480	5	ϕ 12.7	ϕ 6.35	
PFFY-P50VLRM-E	1246	1000	932	970	720	7	ϕ 12.7	ϕ 6.35	
PFFY-P63VLRM-E	1246	1000	932	970	720	7	ϕ 15.88	ϕ 9.52	



PFFY-P20,25,32,40VKM-E

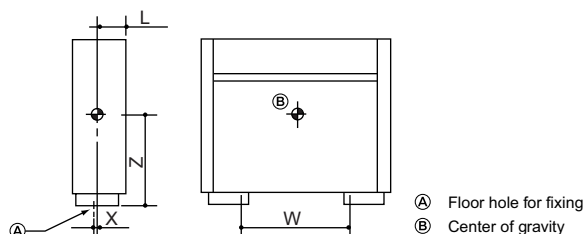


- Ⓐ Wall hole for fixing
Ⓑ Center of gravity

(mm)[in]

Model name	W	L	X	Z
PFFY-P20VKM-E	674 [26-9/16]	85 [3-3/8]	115 [4-9/16]	330 [13]
PFFY-P25VKM-E	674 [26-9/16]	85 [3-3/8]	115 [4-9/16]	330 [13]
PFFY-P32VKM-E	674 [26-9/16]	85 [3-3/8]	115 [4-9/16]	330 [13]
PFFY-P40VKM-E	674 [26-9/16]	85 [3-3/8]	115 [4-9/16]	330 [13]

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

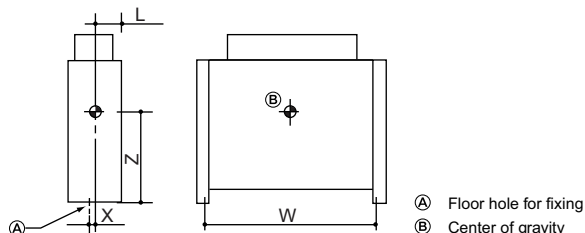


- Ⓐ Floor hole for fixing
Ⓑ Center of gravity

(mm)[in]

Model name	W	L	X	Z
PFFY-P20VLEM-E	640 [25-1/4]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P25VLEM-E	640 [25-1/4]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P32VLEM-E	760 [29-15/16]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P40VLEM-E	760 [29-15/16]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P50VLEM-E	1000 [39-3/8]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P63VLEM-E	1000 [39-3/8]	100 [3-15/16]	17 [11/16]	335 [13-1/4]

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

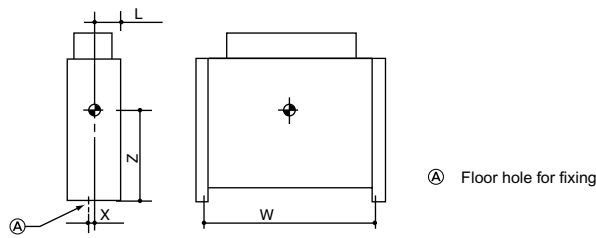


- Ⓐ Floor hole for fixing
Ⓑ Center of gravity

(mm)[in]

Model name	W	L	X	Z
PFFY-P20VLRM-E	640 [25-1/4]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P25VLRM-E	640 [25-1/4]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P32VLRM-E	760 [29-15/16]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P40VLRM-E	760 [29-15/16]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P50VLRM-E	1000 [39-3/8]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P63VLRM-E	1000 [39-3/8]	100 [3-15/16]	17 [11/16]	335 [13-1/4]

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



(mm)[in]

Model name	W	L	X	Z
PFFY-P20VLRMM-E	640 [25-1/4]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P25VLRMM-E	640 [25-1/4]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P32VLRMM-E	760 [29-15/16]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P40VLRMM-E	760 [29-15/16]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P50VLRMM-E	1000 [39-3/8]	100 [3-15/16]	17 [11/16]	335 [13-1/4]
PFFY-P63VLRMM-E	1000 [39-3/8]	100 [3-15/16]	17 [11/16]	335 [13-1/4]

PFFY-P20,25,32,40VKM-E

Drw. : IU-RG79-V367

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I. B	INDOOR CONTROLLER BOARD	MF1	FAN MOTOR (UPPER)	TH23	PIPE TEMP. DETECTION/GAS (0°C/15kΩ, 25°C/5.4kΩ)
CN32	CONNECTOR	MF2	FAN MOTOR (LOWER)	A. B	ADDRESS BOARD
CN51		MV1	VANE MOTOR	SW1	SWITCH
CN52		MV2	DAMPER MOTOR	SW11	MODE SELECTION
SW2	SWITCH	LS	DAMPER LIMIT SWITCH (CLOSE)	SW12	ADDRESS SETTING 1ST DIGIT
SW3		LEV	LINEAR EXPANSION VALVE	SW14	ADDRESS SETTING 2ND DIGIT
SW4		TB2	TERMINAL BLOCK	SWC	CONNECTION NO.
ZNR	VARISTOR	TB5	POWER SUPPLY		AIR OUTLET SELECTION
FUSE	FUSE (T6.3AL250V)	TH21	TRANSMISSION		
LED1	POWER SUPPLY (I.B)	TH22	THERMISTOR		
LED2	POWER SUPPLY (I.B)		ROOM TEMP. DETECTION (0°C/15kΩ, 25°C/5.4kΩ)		
			PIPE TEMP. DETECTION/LIQUID (0°C/15kΩ, 25°C/5.4kΩ)		

NOTES

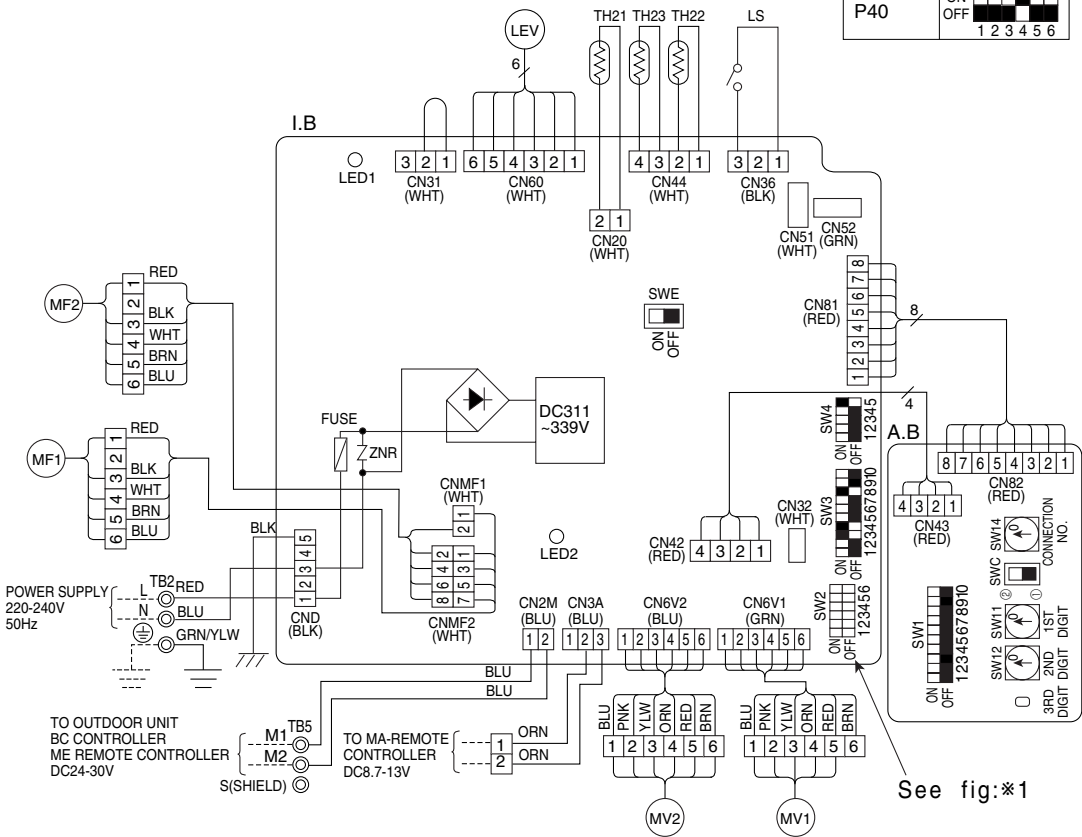
- 1.At servicing for outdoor unit, always follow the wiring diagram of outdoor unit.
- 2.In case of connecting MA-Remote controller, please connect MA remote controller cable in an accessory to the connector [1][2]. (Remote controller wire is non-polar.)
- 3.In case of using M-NET, please connect to TB5. (Transmission line is non-polar.)
- 4.Symbol [S] of TB5 is the shield wire connection.
- 5.Symbols used in wiring diagram above are, ⊙: terminal block, □□□: connector.
- 6.The setting of the SW2 dip switches differs in the capacity for the detail, refer to the fig:* 1.

LED on indoor board for service

MARK	MEANING	FUNCTION
LED1	Main power supply	Main power supply (Indoor unit:220-240V) power on → lamp is lit
LED2	Power supply for MA-Remote controller	Power supply for MA-remote controller on → lamp is lit

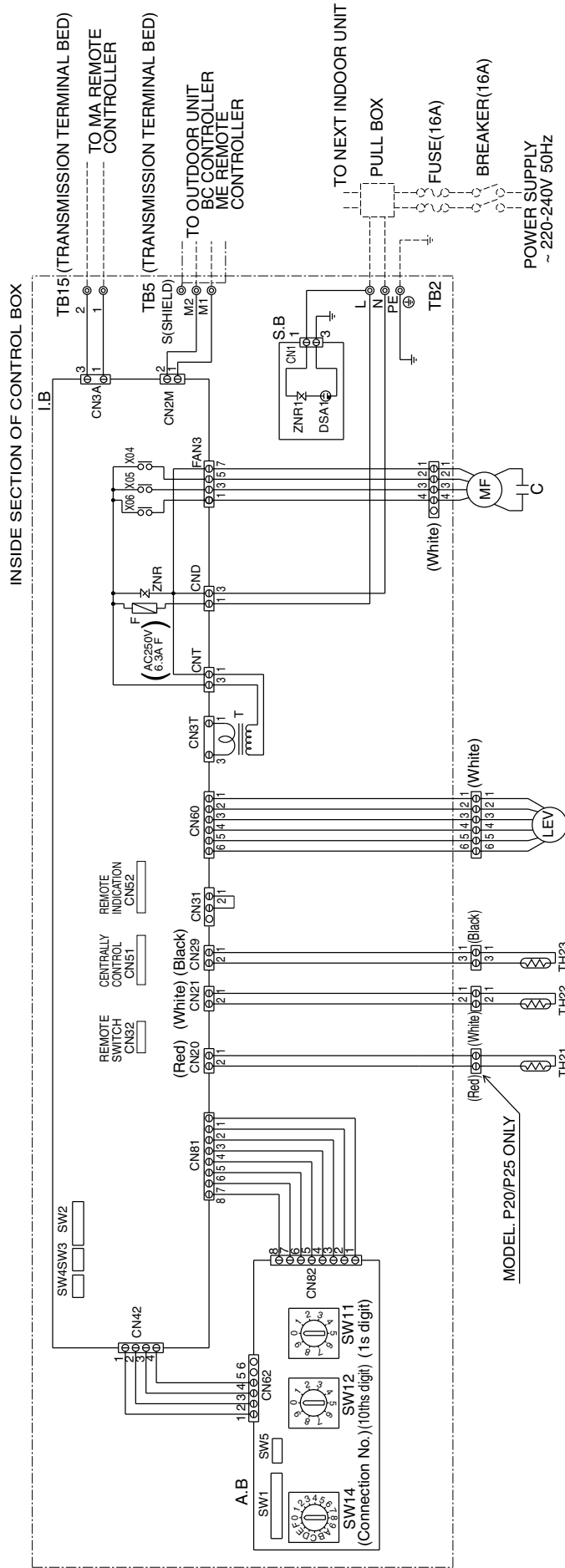
<fig:* 1>

MODELS	SW2
P20	ON OFF 1 2 3 4 5 6
P25	ON OFF 1 2 3 4 5 6
P32	ON OFF 1 2 3 4 5 6
P40	ON OFF 1 2 3 4 5 6



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

Drw. : IU-W65-3960

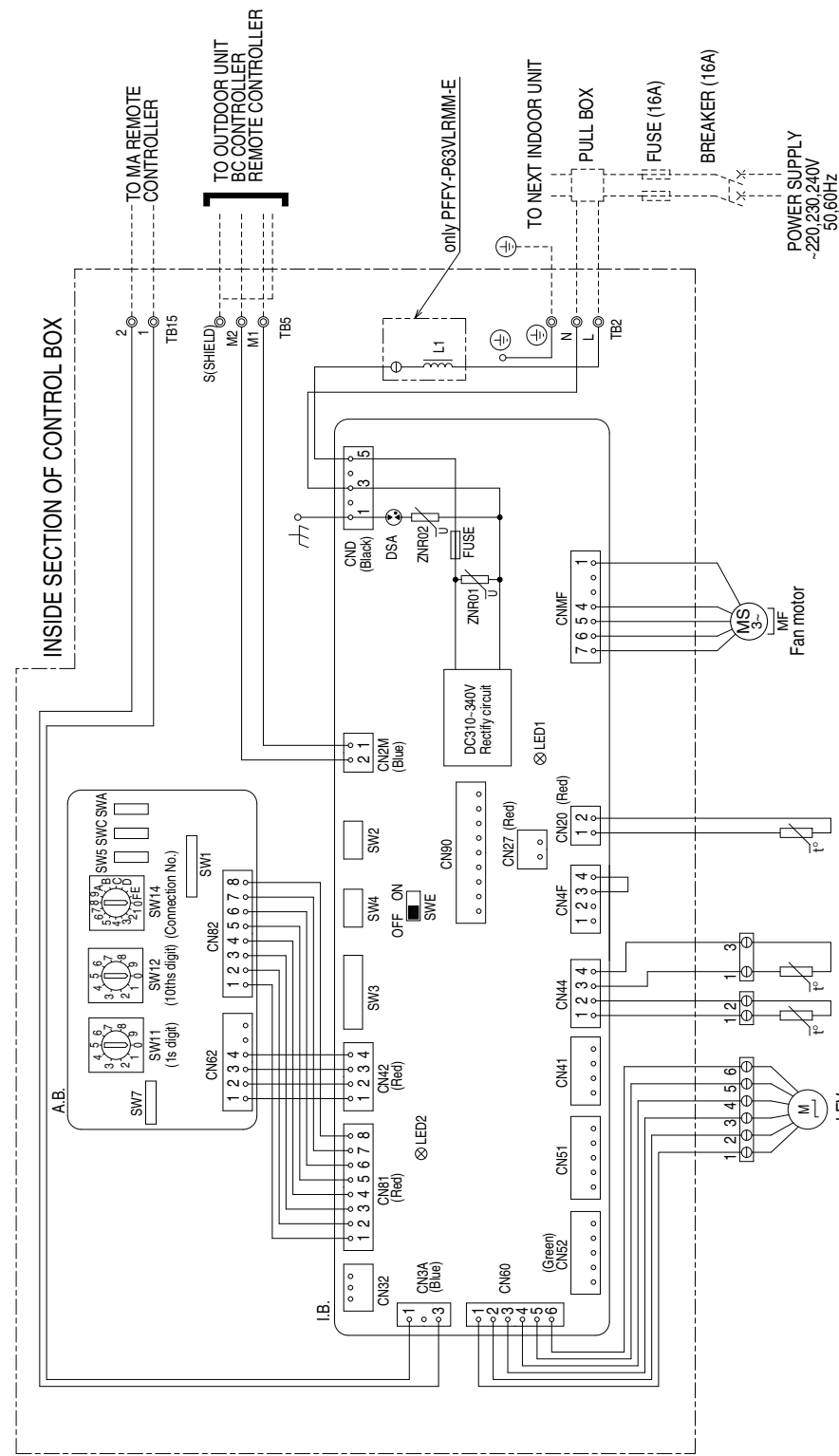


SYMBOL EXPLANATION

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	SW11 (A.B)	Switch (1s digit address set)
A.B	Address board	SW12 (A.B)	Switch (10ths digit address set)
TB2	Power source terminal bed	SW14 (A.B)	Switch (connection No.set)
TB5	Transmission terminal bed	SW1 (A.B)	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 (A.B)	Switch (for voltage selection)
S.B	Surge absorber board	X04 ~ 06	Aux.relay
TH21	Thermistor (inlet temp.detection)		

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

Drw. : IU-KB94-G985



NOTE:1.The wirings to TB2,TB5,TB15 shown in dotted line are field work.
2.Mark ⊕ indicates terminal bed, ⊖ connector.

OPERATION OF LED FOR INDOOR CIRCUIT BOARD SERVICE

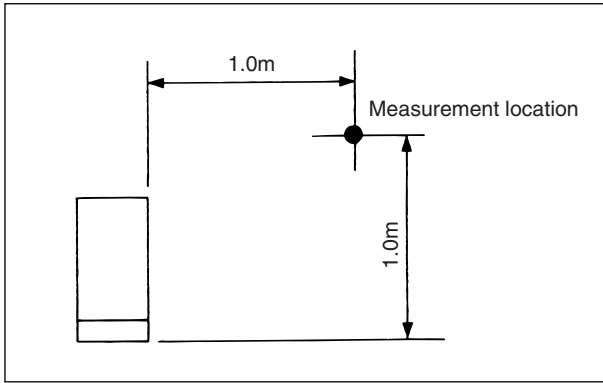
SYMBOL	LED operation under normal state
LED1	At applying main power source → Lighting
LED2	At receiving MA transmission power source → Lighting

SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	A.B.	Address board
FUSE	Fuse <AC250V 6.3A>	SW1	Switch (for mode selection)
ZNR01.02	Varistor	SW5	Switch (for mode selection)
DSA	Arrester	SW7	Switch (for mode selection)
CN27	Connector (Damper)	SW11	Switch (1s digit address set)
CN32	Connector (Remote switch)	SW12	Switch (10ths digit address set)
CN41	Connector (HA terminal-A)	SW14	Switch (connection No.set)
CN51	Connector (Centrally control)	SWA	Switch (for static pressure selection)
CN52	Connector (Remote indication)	SWC	Switch (for static pressure selection)
CN90	Connector (Wireless)	TB2	Power source terminal bed
SW2	Switch (for capacity code)	TB5	Transmission terminal bed
SW3	Switch (for mode selection)	TB15	Transmission terminal bed
SW4	Switch (for model selection)	TH21	Thermistor (inlet air temp detection)
SWE	Connector (emergency operation)	TH22	Thermistor (piping temp detection/liquid)
L1	AC reactor(Power factor improvement)	TH23	Thermistor (piping temp detection/gas)
		LEV	Electronic linear expan. valve

5-1. Sound levels

PFFY-P-VKM-E,VLEM-E,VLRM-E

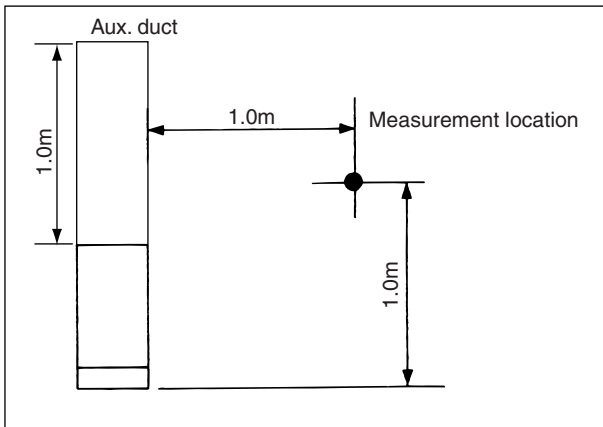


* Measured in anechoic room.

Sound level at anechoic room : Low-High

	Sound level dB (A)
PFFY-P20VKM-E	27-31-34-37
PFFY-P25VKM-E	28-32-35-38
PFFY-P32VKM-E	28-32-35-38
PFFY-P40VKM-E	35-38-42-44
PFFY-P20VLEM-E	34-40
PFFY-P20VLRM-E	
PFFY-P25VLEM-E	
PFFY-P25VLRM-E	35-40
PFFY-P32VLEM-E	
PFFY-P32VLRM-E	
PFFY-P40VLEM-E	38-43
PFFY-P40VLRM-E	
PFFY-P50VLEM-E	
PFFY-P50VLRM-E	40-46
PFFY-P63VLEM-E	
PFFY-P63VLRM-E	

PFFY-P-VLRMM-E



* Measured in anechoic room.

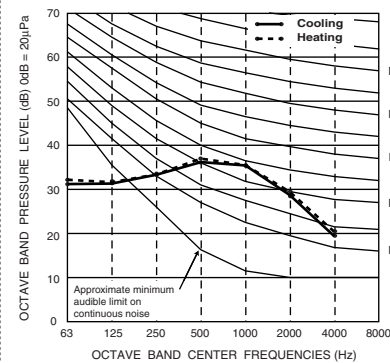
Sound level at anechoic room : Low-middle-High

	Sound level dB (A)		
	20Pa	40Pa	60Pa
PFFY-P20VLRMM-E	31-36-40	34-39-42	35-40-43
PFFY-P25VLRMM-E	31-36-40	34-39-42	35-40-43
PFFY-P32VLRMM-E	27-32-37	30-35-41	32-37-42
PFFY-P40VLRMM-E	30-36-40	32-38-42	35-39-44
PFFY-P50VLRMM-E	32-37-41	35-40-44	36-41-45
PFFY-P63VLRMM-E	35-40-44	36-42-47	38-43-48

5-2. NC curves

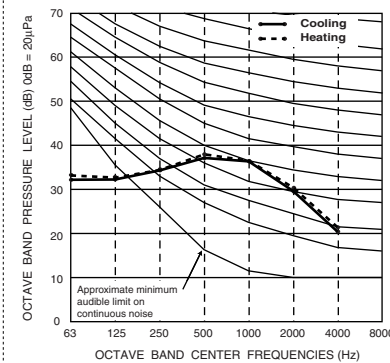
PFFY-P20VKM-E

External static pressure : 0Pa
Power source : 220,230,240V, 50Hz



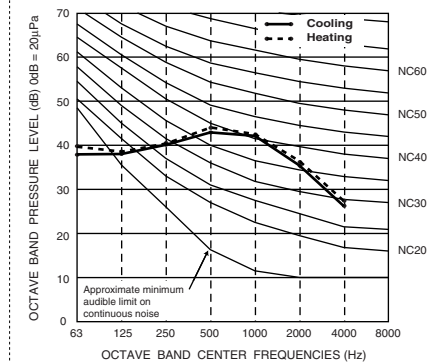
PFFY-P25,32VKM-E

External static pressure : 0Pa
Power source : 220,230,240V, 50Hz



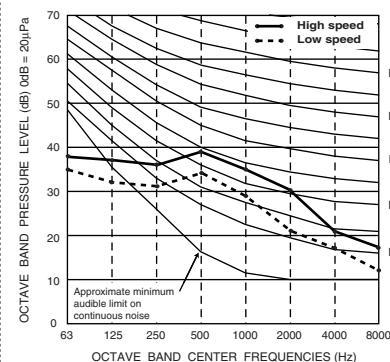
PFFY-P40VKM-E

External static pressure : 0Pa
Power source : 220,230,240V, 50Hz



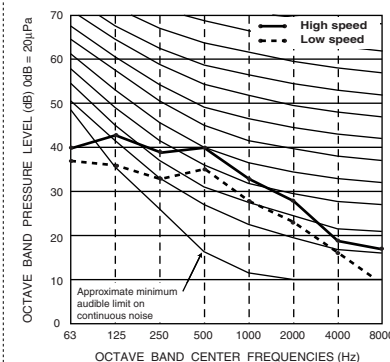
PFFY-P20,25VLEM-E,VLRM-E

External static pressure : 0Pa
Power source : 220,230,240V, 50Hz / 208,220,230V, 60Hz



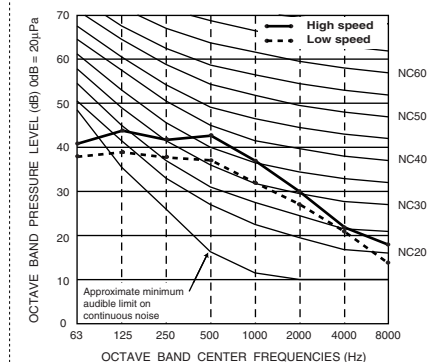
PFFY-P32VLEM-E,VLRM-E

External static pressure : 0Pa
Power source : 220,230,240V, 50Hz / 208,220,230V, 60Hz



PFFY-P40VLEM-E,VLRM-E

External static pressure : 0Pa
Power source : 220,230,240V, 50Hz / 208,220,230V, 60Hz



5. SOUND LEVELS

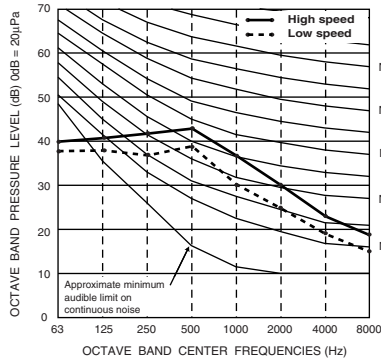
R410A Data G8

5-2. NC curves

PFFY-P50VLEM-E,VLRM-E

External static pressure : 0Pa

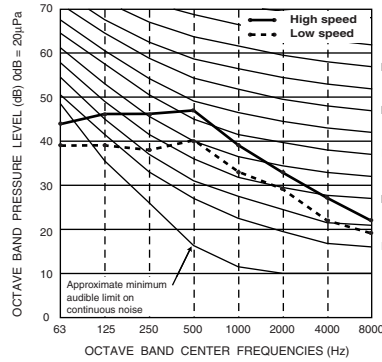
Power source : 220,230,240V, 50Hz / 208,220,230V, 60Hz



PFFY-P63VLEM-E,VLRM-E

External static pressure : 0Pa

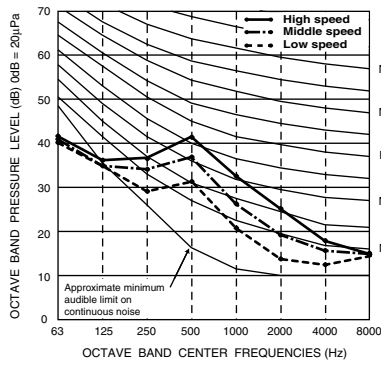
Power source : 220,230,240V, 50Hz / 208,220,230V, 60Hz



PFFY-P20,25VLRMM-E

External static pressure : 20Pa

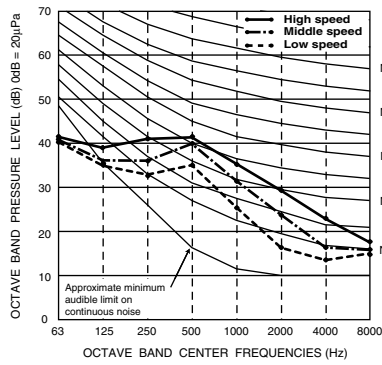
Power source : 220,230,240V, 50/60Hz



PFFY-P20,25VLRMM-E

External static pressure : 40Pa

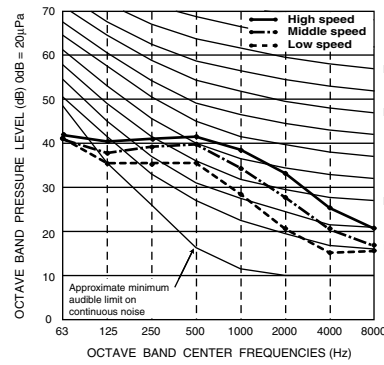
Power source : 220,230,240V, 50/60Hz



PFFY-P20,25VLRMM-E

External static pressure : 60Pa

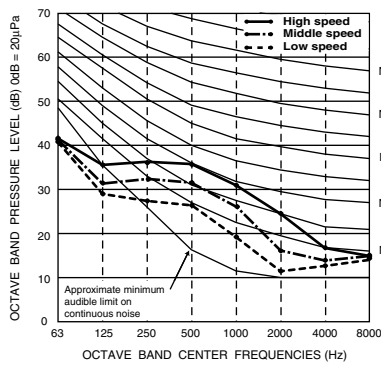
Power source : 220,230,240V, 50/60Hz



PFFY-P32VLRMM-E

External static pressure : 20Pa

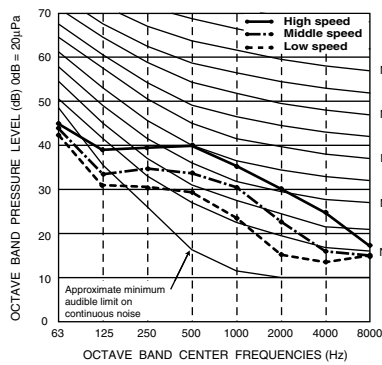
Power source : 220,230,240V, 50/60Hz



PFFY-P32VLRMM-E

External static pressure : 40Pa

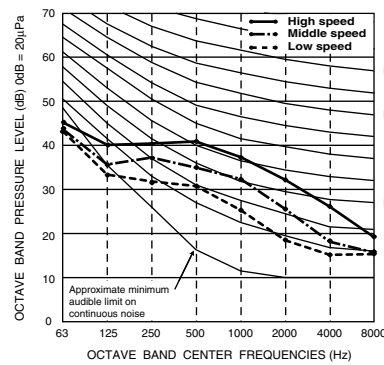
Power source : 220,230,240V, 50/60Hz



PFFY-P32VLRMM-E

External static pressure : 60Pa

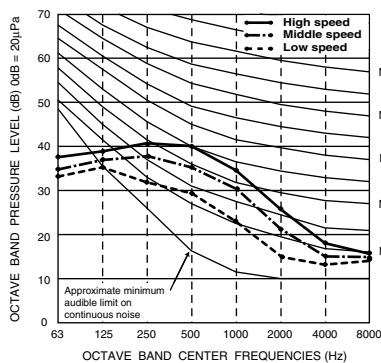
Power source : 220,230,240V, 50/60Hz



PFFY-P40VLRMM-E

External static pressure : 20Pa

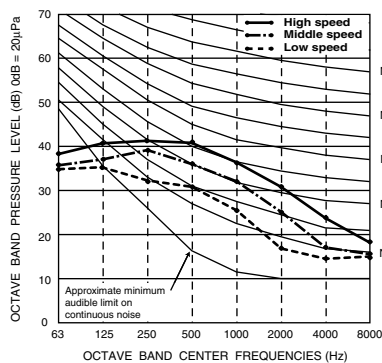
Power source : 220,230,240V, 50/60Hz



PFFY-P40VLRMM-E

External static pressure : 40Pa

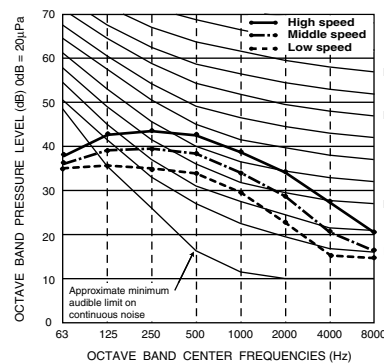
Power source : 220,230,240V, 50/60Hz



PFFY-P40VLRMM-E

External static pressure : 60Pa

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

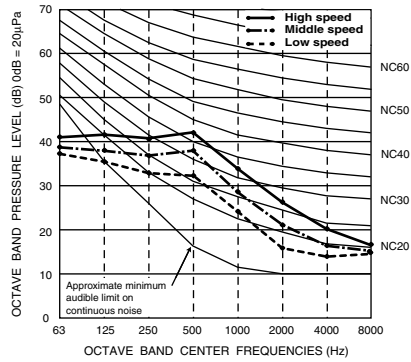


5-2. NC curves

PFFY-P50VLRMM-E

External static pressure : 20Pa

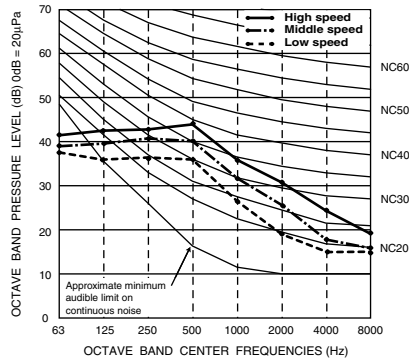
Power source : 220,230,240V, 50/60Hz



PFFY-P50VLRMM-E

External static pressure : 40Pa

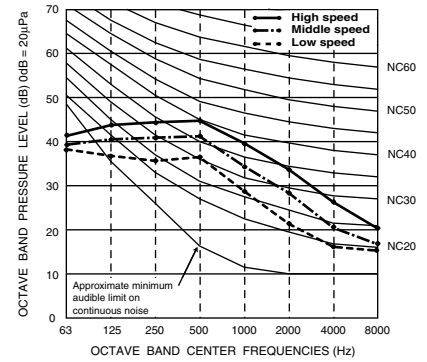
Power source : 220,230,240V, 50/60Hz



PFFY-P50VLRMM-E

External static pressure : 60Pa

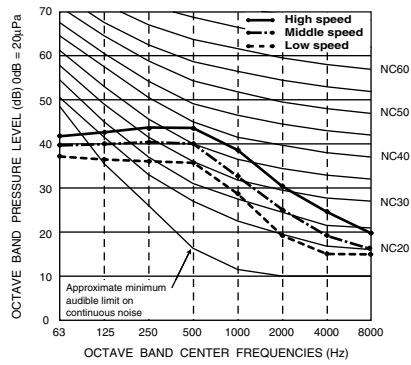
Power source : 220,230,240V, 50/60Hz



PFFY-P63VLRMM-E

External static pressure : 20Pa

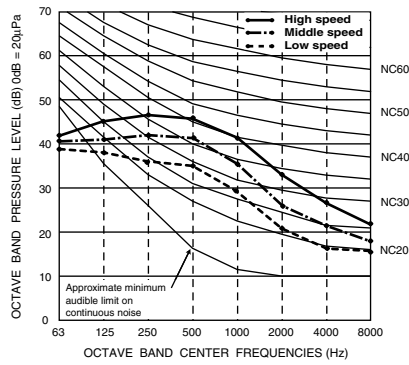
Power source : 220,230,240V, 50/60Hz



PFFY-P63VLRMM-E

External static pressure : 40Pa

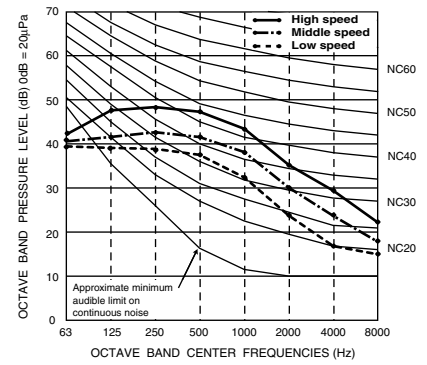
Power source : 220,230,240V, 50/60Hz



PFFY-P63VLRMM-E

External static pressure : 60Pa

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

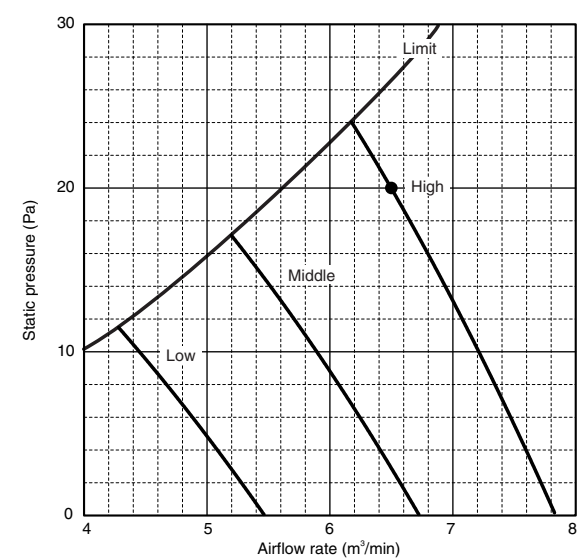


5. SOUND LEVELS

5-3. Fan characteristics curves

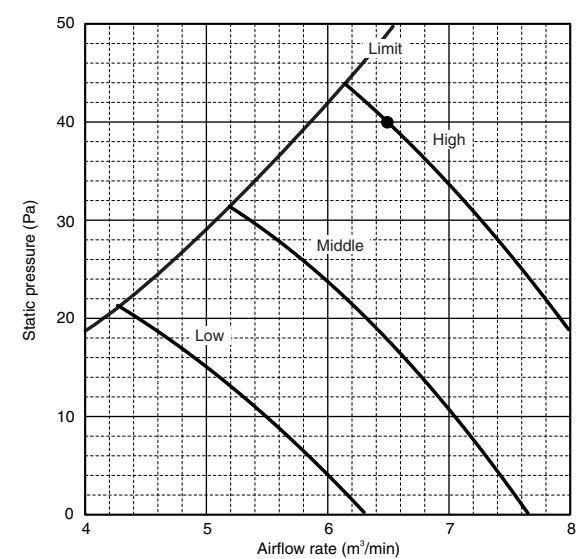
PFFY-P20,25VLRMM-E

External static pressure : 20Pa
Power source : 220,230,240V, 50/60Hz



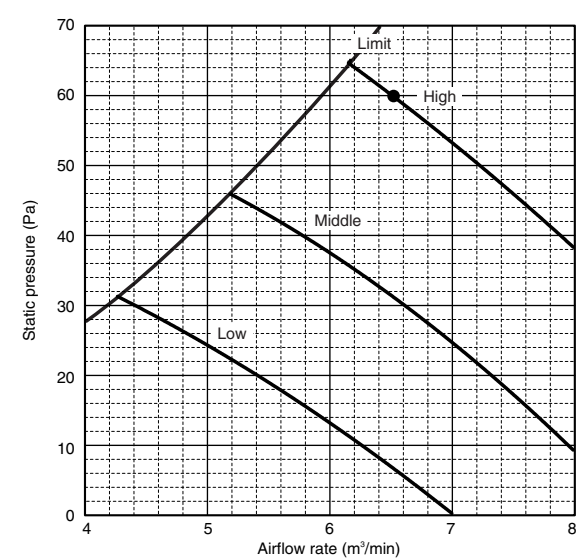
PFFY-P20,25VLRMM-E

External static pressure : 40Pa
Power source : 220,230,240V, 50/60Hz



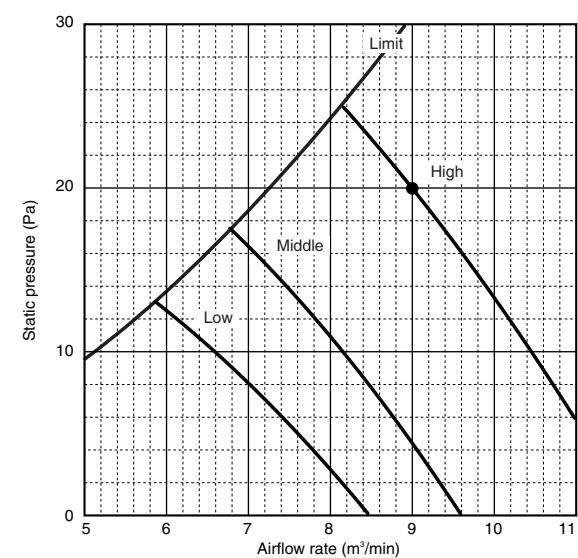
PFFY-P20,25VLRMM-E

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



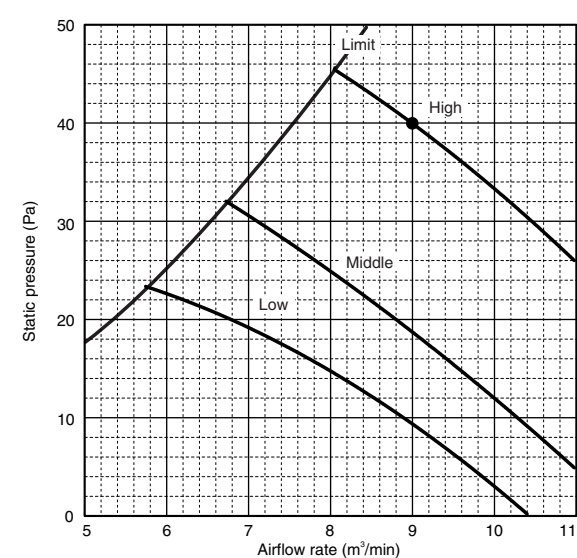
PFFY-P32VLRMM-E

External static pressure : 20Pa
Power source : 220,230,240V, 50/60Hz



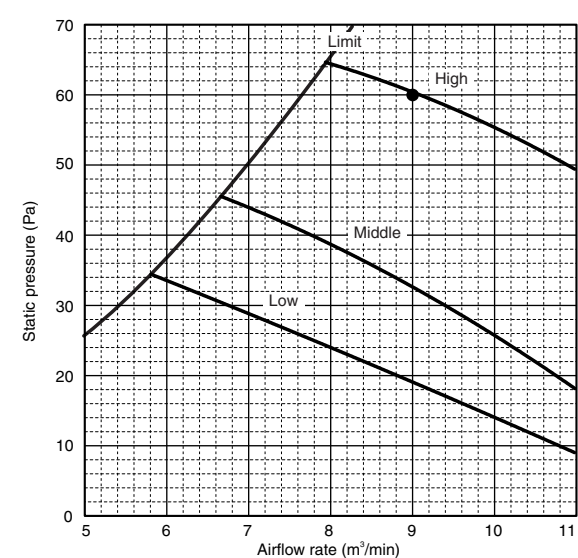
PFFY-P32VLRMM-E

External static pressure : 40Pa
Power source : 220,230,240V, 50/60Hz



PFFY-P32VLRMM-E

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

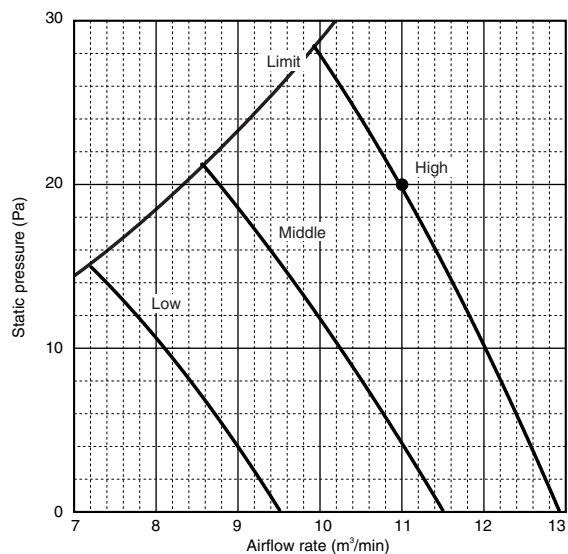


5-3. Fan characteristics curves

PFFY-P40VLRMM-E

External static pressure : 20Pa

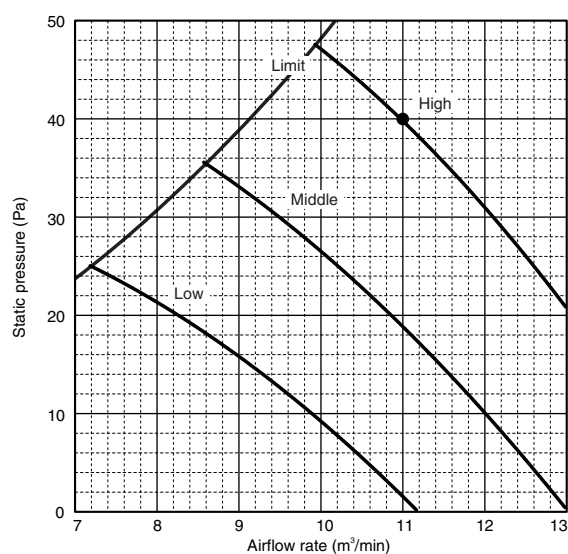
Power source : 220,230,240V, 50/60Hz



PFFY-P40VLRMM-E

External static pressure : 40Pa

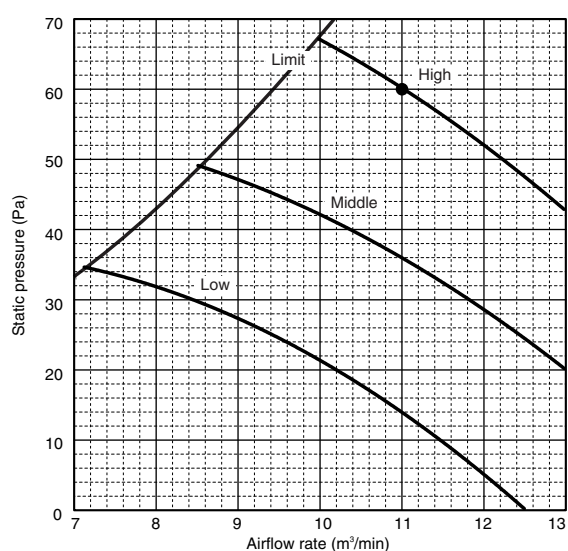
Power source : 220,230,240V, 50/60Hz



PFFY-P40VLRMM-E

External static pressure : 60Pa

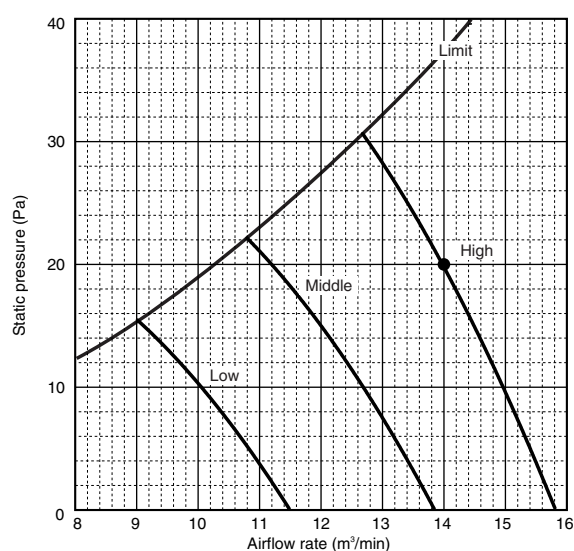
Power source : 220,230,240V, 50/60Hz



PFFY-P50VLRMM-E

External static pressure : 20Pa

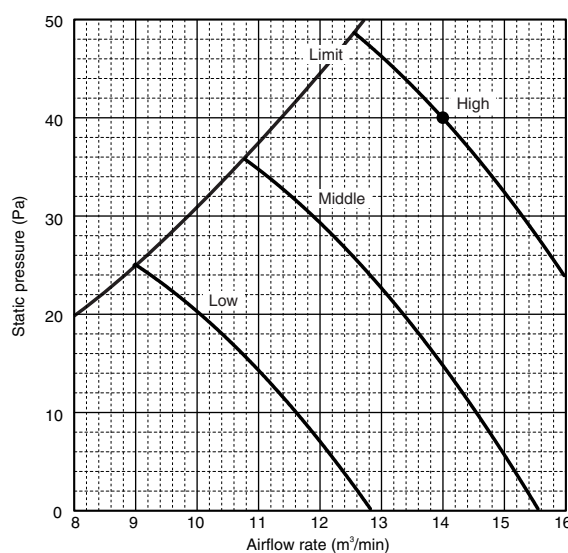
Power source : 220,230,240V, 50/60Hz



PFFY-P50VLRMM-E

External static pressure : 40Pa

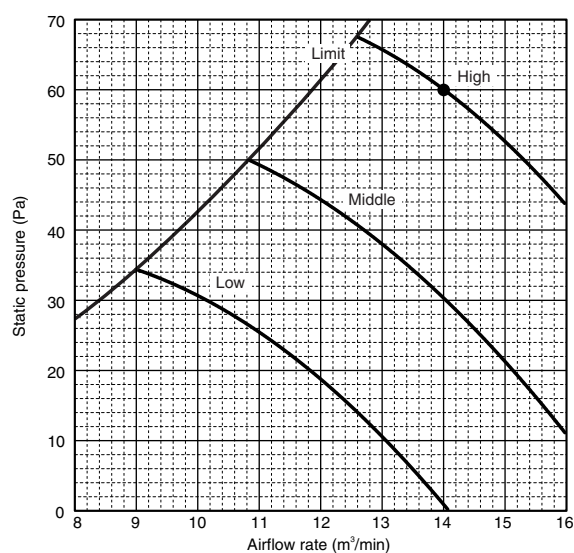
Power source : 220,230,240V, 50/60Hz



PFFY-P50VLRMM-E

External static pressure : 60Pa

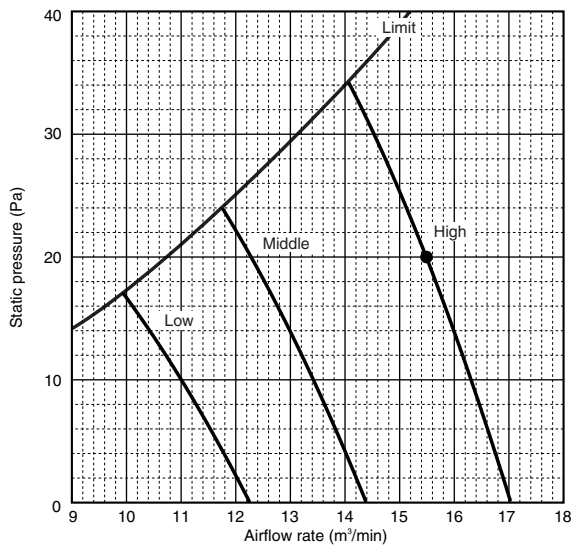
Power source : 220,230,240V, 50/60Hz



5-3. Fan characteristics curves

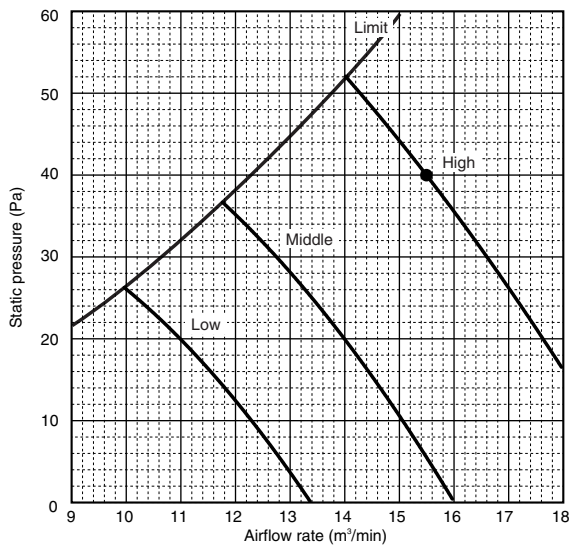
PFFY-P63VLRMM-E

External static pressure : 20Pa
Power source : 220,230,240V, 50/60Hz



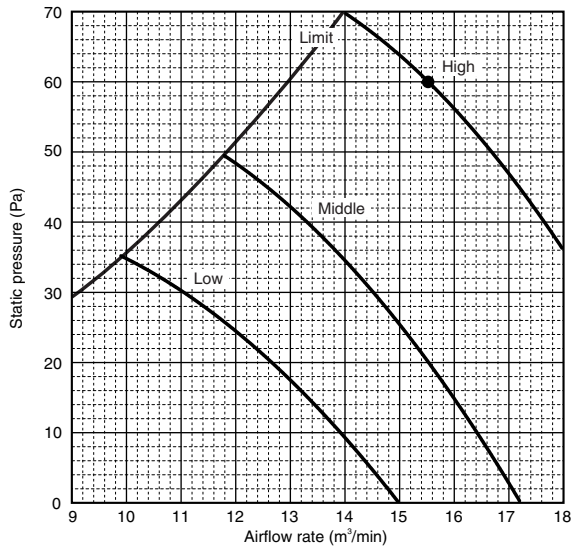
PFFY-P63VLRMM-E

External static pressure : 40Pa
Power source : 220,230,240V, 50/60Hz



PFFY-P63VLRMM-E

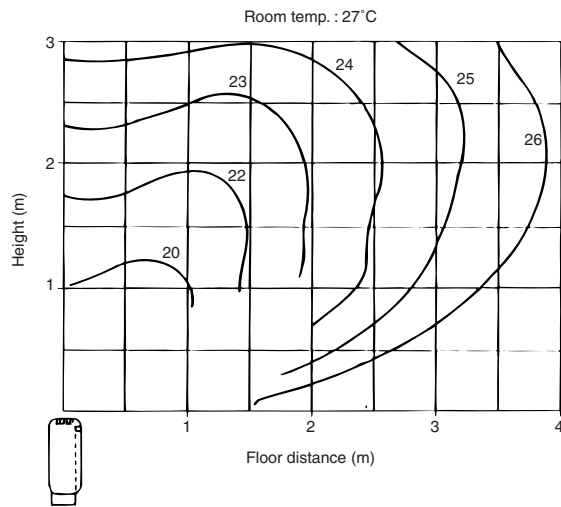
External static pressure : 60Pa
Power source : 220,230,240V, 50/60Hz



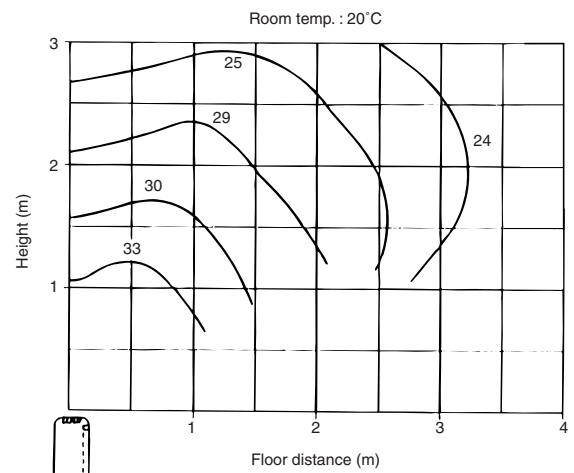
6-1. Temperature distributions

PFFY-P20-63VLEM-E

<Cooling mode>

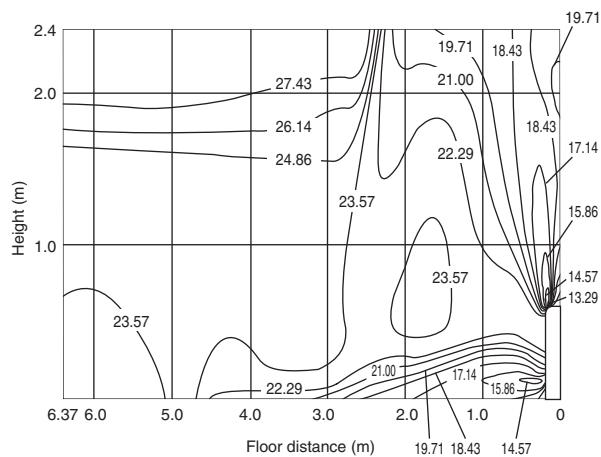


<Heating mode>

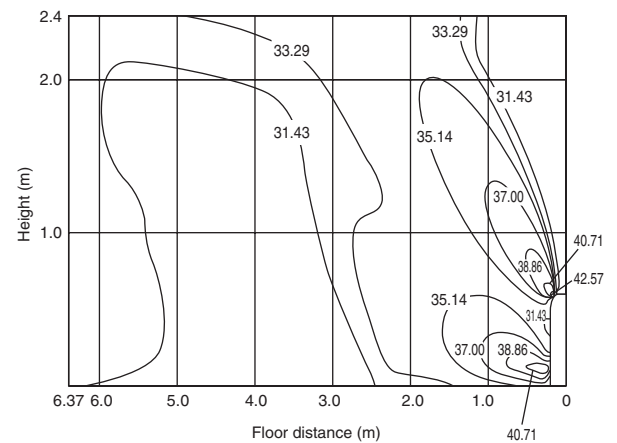


PFFY-P20-40VKM-E

<Cooling mode>



<Heating mode>

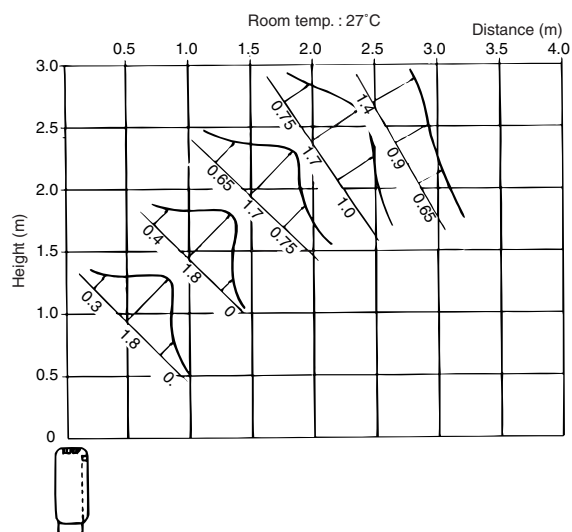


Note : These figures show typical temperature distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

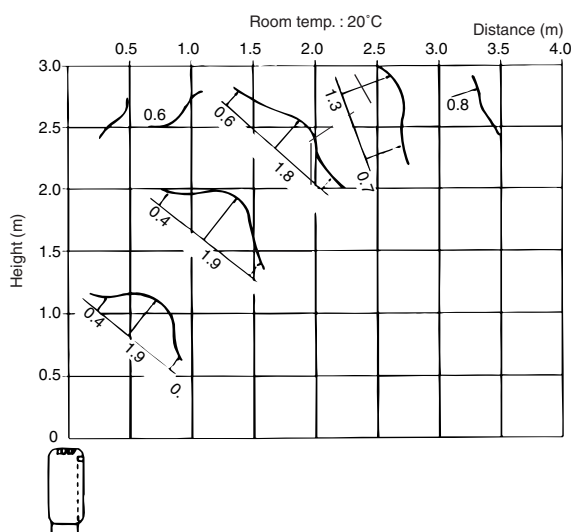
6-2. Airflow distributions

PFFY-P20-63VLEM-E

<Cooling mode>

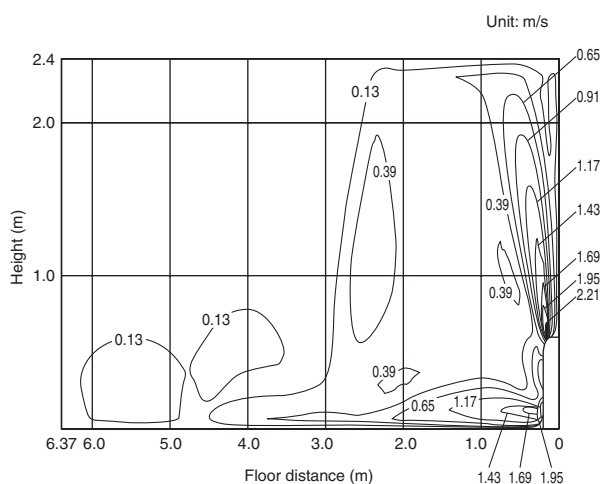


<Heating mode>

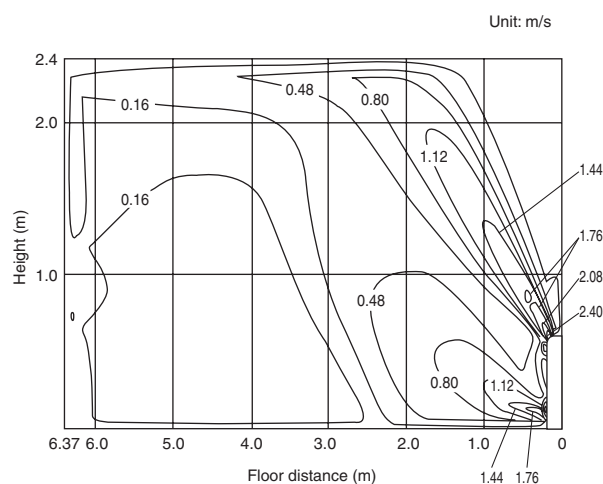


PFFY-P20-40VKM-E

<Cooling mode>



<Heating mode>



Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.