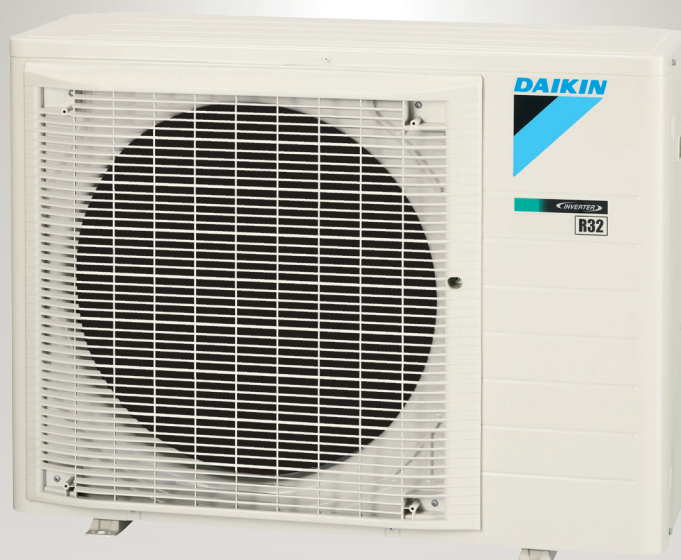
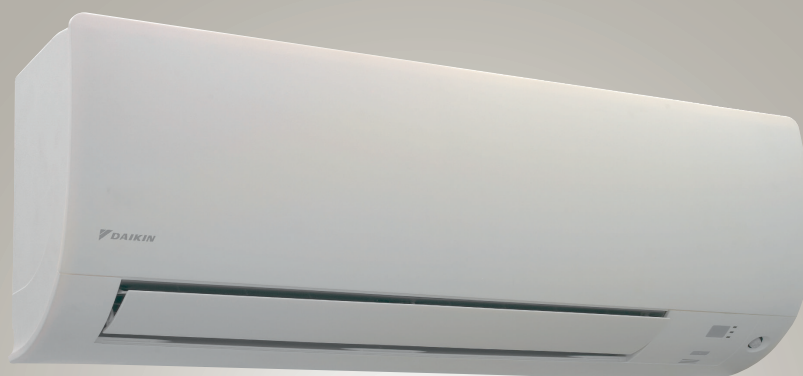




Air Conditioners

Technical Data

R-32



EEDEN15-011

FTKM-PVM & RKM-PVM



I	Indoor Unit	pages	3 - 12
II	Outdoor Unit	pages	13 - 27

I Indoor Unit		PAGE
Wall mounted unit	→ R-32 → 1 FTKM-PVM	3
II Outdoor Unit		
Outdoor unit	→ R-32 → 2 RKM-PVM	13

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1 Features

1
1

The optimised cooling combination of efficiency, comfort and flexibility

- For high ambient temperatures up to 52°C
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Flat, stylish front panel blends easily within any interior décor and is more easy to clean
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- The infrared remote control is user friendly and equipped with a timer function that enables you to programme the unit to start or stop at your desired time.



Whisper quiet



Indoor unit
silent operation



Vertical auto
swing



Auto fan speed



Fan speed
steps



Titanium apatite
photocatalytic
air purification
filter



Timer



Infrared remote
control



Auto-restart

2 Specifications

2-1 Technical Specifications					FTKM18PVM		FTKM24PVM		FTKM28PVM		
Power input - 50Hz	Cooling	Nom.	kW		0.059		0.085		0.091		
Casing	Colour				White (N-95)						
Dimensions	Unit	Height/Width/Depth	mm		340/1,050/259				340/1,200/259		
	Packed unit	Height/Width/Depth	mm		342/1,160/429				342/1,310/429		
Weight	Unit		kg		15				18		
	Packed unit		kg		21				25		
Heat exchanger	Length		mm		825				963		
	Rows	Quantity			2						
	Fin pitch		mm		1.3				1.4		
	Stages	Quantity			20				18		
	Tube type			ø6.35 Hi-XU						ø7 Hi-XD	
	Fin	Type			Multi slit fin				ML fin (Multi louver)		
Heat exchanger 2	Length		mm		825				963		
	Rows	Quantity			1						
	Fin pitch		mm		1.6				1.5		
	Stages	Quantity			8				12		
Air filter	Type				Removable / washable / mildew proof						
Fan	Type				Cross flow fan						
	Air flow rate	Cooling	High	m³/min	20.5		22.0		25.2		
				cfm	724		777		890		
			Nom.	m³/min	16.5		17.7		20.6		
				cfm	583		625		727		
			Low	m³/min	12.6		13.7		16.3		
				cfm	445		484		576		
			Silent operation	m³/min	10.9		12.2		14.5		
				cfm	385		431		512		
Fan motor	Model				D48H-31				KFD-325-64-8A		
	Speed	Steps			5 + silent, + auto						
		Cooling	High/Medium/Low/Silent operation	rpm	1,380/1,150/930/830		1,480/1,230/1,000/910		1,540/1,300/1,070/980		
	Output	Rated		W		48				64	
Sound power level	Cooling			dBA		-					
	Heating			dBA		-					
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA		48/42/35/32		51/45/37/34		54/49/42/39	
	Heating	Super high		dBA		-					
Piping connections	Liquid	OD			6.35						
	Gas	OD			12.7				15.9		
	Heat insulation				Both liquid and gas pipes						
Temperature control					Microcomputer control						
Air direction control					Right, Left, Horizontal, Downward						
Control systems	Infrared remote control				ARC466A25						
	Wired remote control				-						

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Operation manual; Quantity : 1;

Standard Accessories : Infrared remote control; Quantity : 1;

Standard Accessories : Batteries; Quantity : 2;

Standard Accessories : Remote control holder; Quantity : 1;

Standard Accessories : Mounting plate; Quantity : 1;

Standard Accessories : Indoor unit fixing screws; Quantity : 2;

Standard Accessories : Titanium apatite photocatalytic air purification filter; Quantity : 2;

Standard Accessories : Fixing screws for mounting plate; Quantity : 9;

2 Specifications

- 1 Standard Accessories : Fixing screw for remote controller holder; Quantity : 2;
- 2 Standard Accessories : Insulation tape; Quantity : 1;
- Standard Accessories : Screw cover; Quantity : 3;

2-2 Electrical Specifications				FTKM18PVM	FTKM24PVM	FTKM28PVM
Power supply	Phase			1~		
	Frequency		Hz	50/60		
	Voltage		V	220-240/220-230		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.45 (1) / 0.43 (2) / 0.41 (3)	0.70 (1) / 0.67 (2) / 0.64 (3)	0.74 (1) / 0.71 (2) / 0.68 (3)
	Nominal running current (RLA) - 60Hz	Cooling	A	0.45 (1) / 0.43 (2)	0.70 (1) / 0.67 (2)	0.74 (1) / 0.71 (2)

Notes

(1) 220V

(2) 230V

(3) 240V

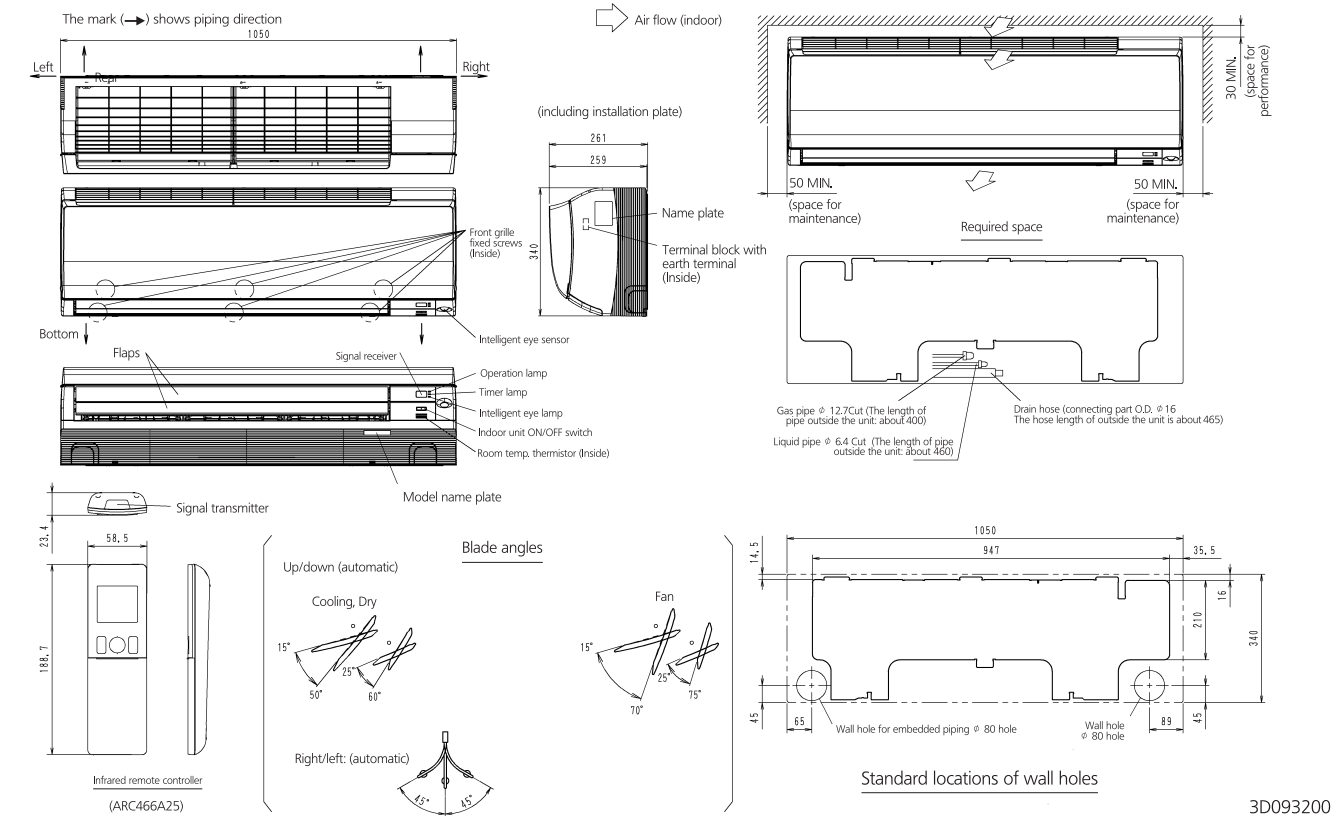
SL: The silent fan level of the air flow rate setting

3 Dimensional drawings

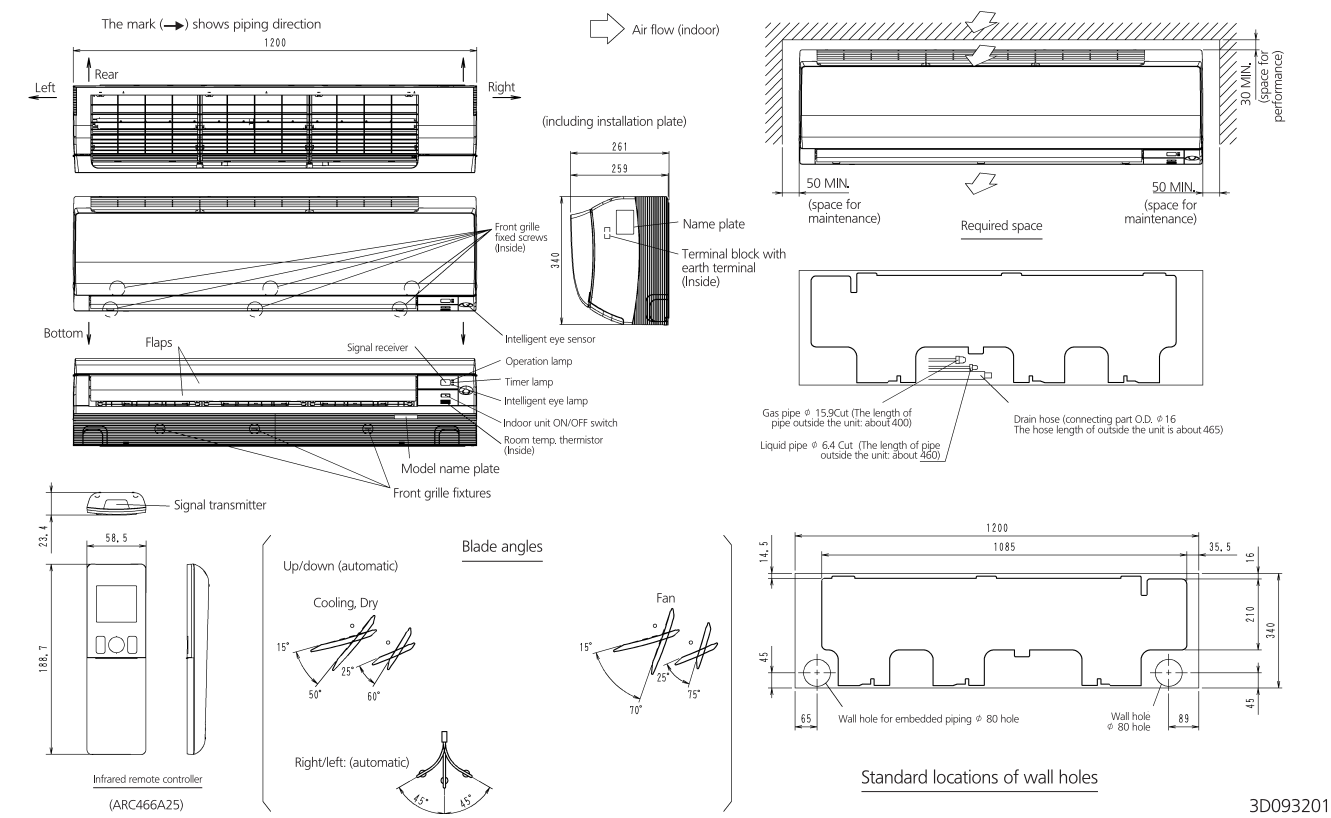
3 - 1 Dimensional Drawings

1
3

FTKM18-24PVM



FTKM28PVM



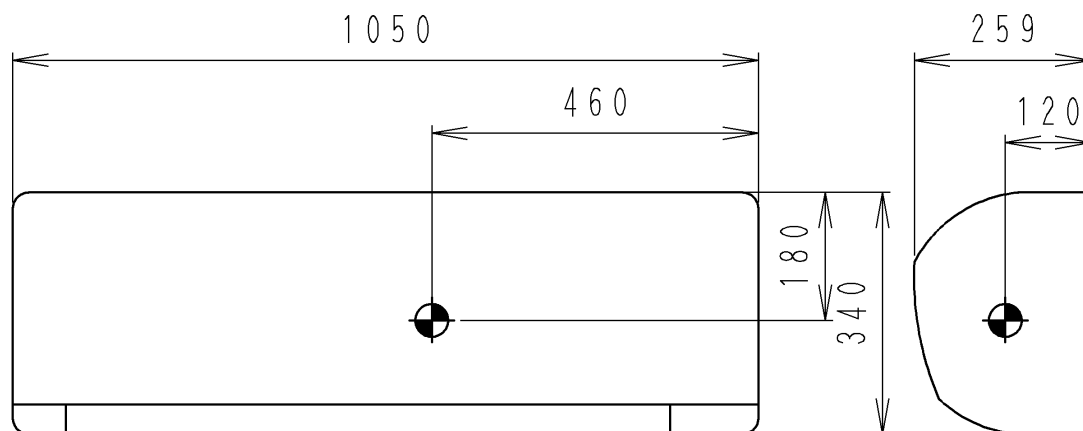
4 Centre of gravity

4 - 1 Centre of Gravity

1

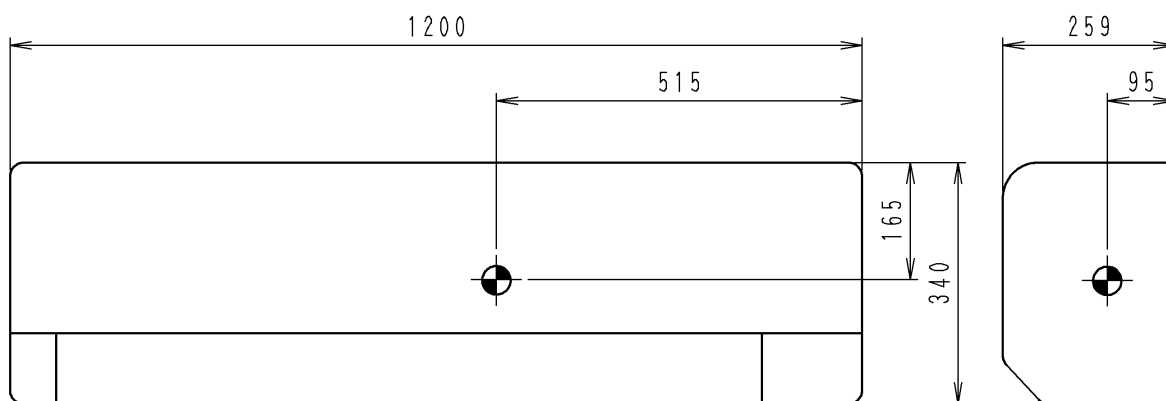
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FTKM18-24PVM



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FTKM28PVM



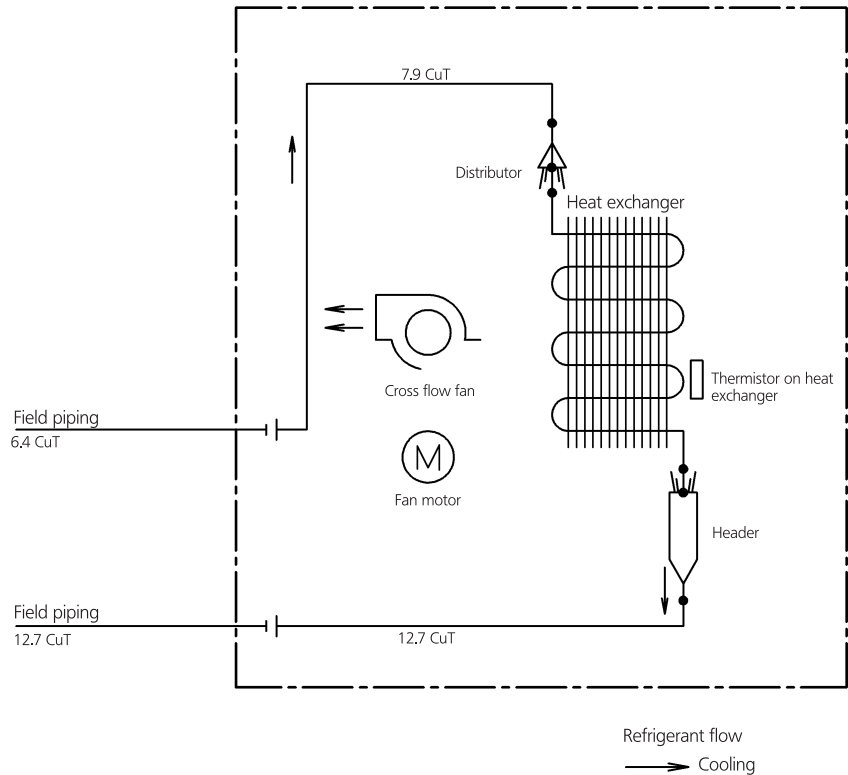
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5 Piping diagrams

5 - 1 Piping Diagrams

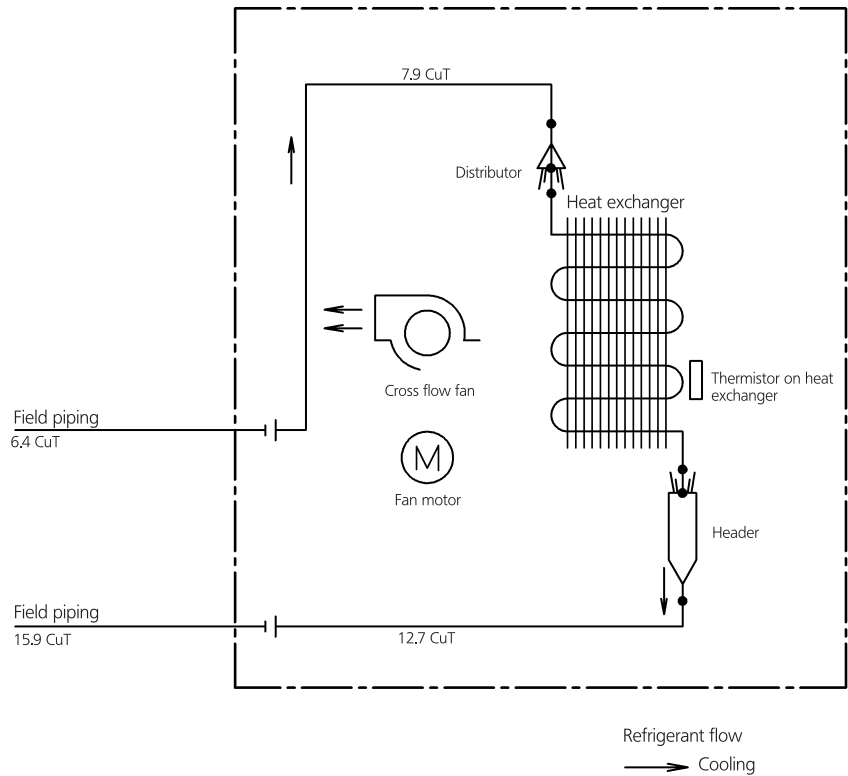
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FTKM18-24PVM



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FTKM28PVM



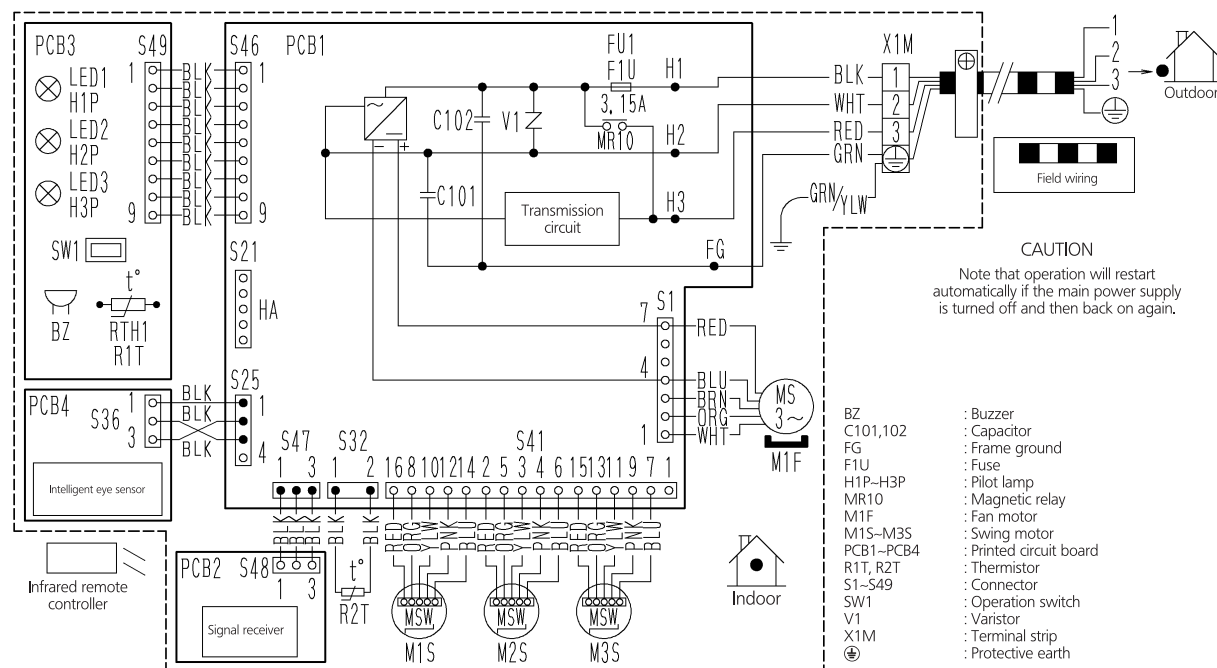
4D092476

6 Wiring diagrams

6 - 1 Wiring Diagrams - Single Phase

1
6

FTKM-PVM



Notes:

- 1 Size: length 70 x width 120.
- 2 Refer to purchasing specification AS303002, unless otherwise specified.
- 3 This drawing was drawn on CAD system.

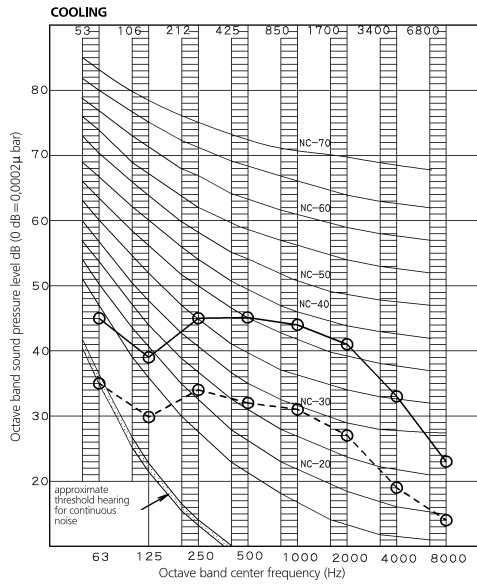
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7 Sound data

7 - 1 Sound Pressure Spectrum - Cooling

1
7

FTKM18PVM



NOTES

- Overall (dB)

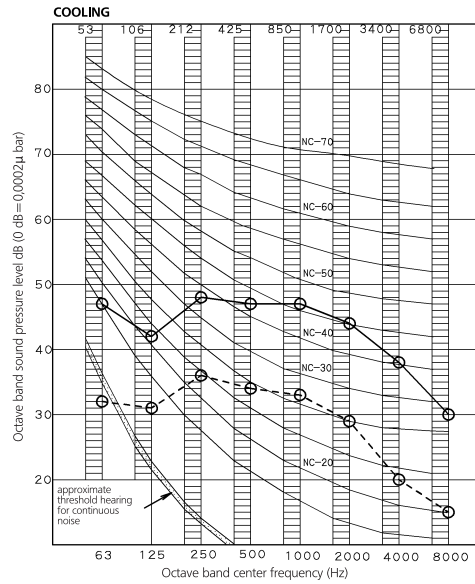
Scale	50/60Hz 220-240/220-230V (H)	50/60Hz 220-240/220-230V (L)
A	48	35

(B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240/220-230V 50/60Hz
- Standard external static pressure
 - 50/60 Hz 220-240/220-230V (H)
 - 50/60 Hz 220-240/220-230V (L)
- Cooling
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



4D093332

FTKM24PVM

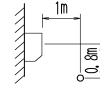


NOTES

- Overall (dB)

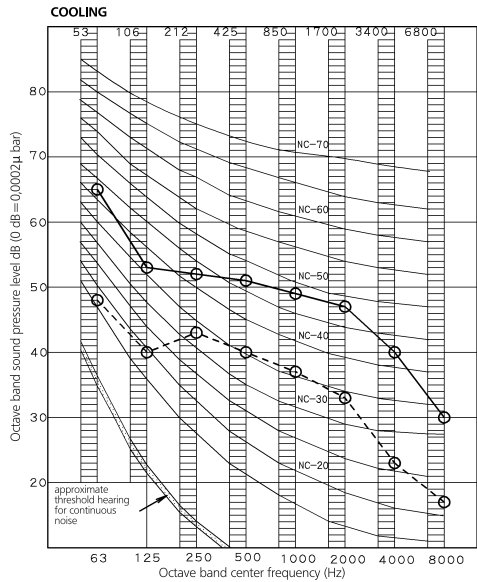
Scale	50/60Hz 220-240/220-230V (H)	50/60Hz 220-240/220-230V (L)
A	51	37

(B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240/220-230V 50/60Hz
- Standard external static pressure
 - 50/60 Hz 220-240/220-230V (H)
 - 50/60 Hz 220-240/220-230V (L)
- Cooling
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



4D093333

FTKM28PVM



NOTES

- Overall (dB)

Scale	50/60Hz 220-240/220-230V (H)	50/60Hz 220-240/220-230V (L)
A	54	42

(B.G.N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240/220-230V 50/60Hz
- Standard external static pressure
 - 50/60 Hz 220-240/220-230V (H)
 - 50/60 Hz 220-240/220-230V (L)
- Cooling
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



4D093334

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RKM-PVM

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1 Features

Optimised cooling performance at standard and high ambient temperatures

- For high ambient temperatures up to 52°C
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- A special acryl precoated fin for anti-corrosion treatment on the heat exchanger ensures greater resistance against severe weather conditions
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall



2 Specifications

2-1 Capacity and Power input				FTKM18PVM/RKM18PVM	FTKM24PVM/RKM24PVM	FTKM28PVM/RKM28PVM
Indoor unit				FTKM18PVM	FTKM24PVM	FTKM28PVM
Outdoor unit				RKM18PVM	RKM24PVM	RKM28PVM
Cooling capacity	Min.		kW	1.7	1.9	
			Btu/h	5,700	6,500	
			kcal/h	1,440	1,640	
	Nom.		kW	5.28 (1) / 5.3 (2)	7.03 (1) / 7.0 (2)	8.21 (1) / 8.0 (2)
			Btu/h	18,000 (3) / 18,000 (4)	24,000 (3) / 24,000 (4)	28,000 (3) / 27,400 (4)
			kcal/h	4,540 (5)	6,050 (5)	7,060 (5)
	Max.		kW	6.0	8.6	9.4
			Btu/h	20,500	29,500	32,000
			kcal/h	5,170	7,430	7.1
Power input	Cooling	Min.	kW	0.300	0.350	0.310
		Nom.	kW	1.350	1.890	2.310
		Max.	kW	1.700	2.600	3.030
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	12.7		15.9
	Heat insulation			Both liquid and gas pipes		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	6.4 (6) / 6.1 (7) / 5.8 (8)	8.8 (6) / 8.4 (7) / 8.1 (8)	10.7 (6) / 10.2 (7) / 9.8 (8)
	Nominal running current (RLA) - 60Hz	Cooling	A	6.4 (6) / 6.1 (7)	8.8 (6) / 8.4 (7)	10.7 (6) / 10.2 (7)
Nominal efficiency	EER			13.33 (3) / 8.49 (4)	12.70 (3) / 8.51 (4)	12.12 (3) / 8.56 (4)
	Annual energy consumption		kWh	675	945	1,155

Notes

- (1) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 7.5m (horizontal); Standard:T1, Kw
 (2) Cooling: indoor temp. 29°CDB, 19.0°CWB; outdoor temp. 46°CDB, 24°CWB; equivalent piping length: 7.5m (horizontal); Standard:T3, Kw
 (3) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 7.5m (horizontal); Standard:T1, Btu/h
 (4) Cooling: indoor temp. 29°CDB, 19.0°CWB; outdoor temp. 46°CDB, 24°CWB; equivalent piping length: 7.5m (horizontal); Standard:T3, Btu/h
 (5) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 7.5m (horizontal); Standard:T1, kcal/h
 (6) 220V
 (7) 230V
 (8) 240V

2-2 Technical Specifications				RKM18PVM	RKM24PVM	RKM28PVM
Casing	Colour			Ivory white		
Dimensions	Unit	Height	mm	695		
		Width	mm	930		
		Depth	mm	350		
	Packed unit	Height	mm	762		
		Width	mm	1,004		
		Depth	mm	475		

2 Specifications

2-2 Technical Specifications					RKM18PVM		RKM24PVM		RKM28PVM	
Weight	Unit			kg	46		49			
	Packed unit			kg	52		56			
Heat exchanger	Length			mm	918		895			
	Rows		Quantity		1		2			
	Fin pitch			mm	1.6					
	Stages		Quantity		30					
	Tube type				ø8 Hi-XA					
	Fin		Type		Waffle louvered fin					
Compressor	Model				2YC40BXD#A					
	Type				Hermetically sealed swing compressor					
	Output			W	1,300.0					
Fan	Type				Propeller fan					
	Air flow rate	Cooling	High	m³/min	76.9		74.2		79.0	
				cfm	2,715		2,620		2,789	
			Super low	m³/min	62.0		61.4			
		cfm		2,189		2,168				
		Heating	Super low	m³/min	-					
				cfm	-					
Fan motor	Model				D90C-37					
	Output			W	128					
	Speed	Cooling	High	rpm	930		960		1,020	
			Super low	rpm	750		800			
		Heating	Super low	rpm	-					
				-						
Sound power level	Cooling			dBA	-					
	Heating			dBA	-					
Sound pressure level	Cooling	High		dBA	51		56		57	
Operation range	Cooling	Ambient	Min.	°CDB	10					
			Max.	°CDB	52					
Refrigerant	Type				R-32					
	Charge			kg	1.12		1.40		1.60	
				TCO2Eq	0.8		0.9		1.1	
	GWP				675					
Refrigerant oil	Type				FW68DA					
	Charged volume			l	0.650					
Piping connections	Liquid	OD		mm	6.35					
	Gas	OD		mm	12.7				15.9	
	Drain	ID		mm	-					
	Piping length	OU - IU	Max.	m	30					
		System	Chargel ess	m	10					
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)					
	Level difference	IU - OU	Max.	m	20					
	Heat insulation				Both liquid and gas pipes					

2-3 Electrical Specifications					RKM18PVM	RKM24PVM	RKM28PVM
Power supply	Phase				1~		
	Frequency	Hz			50/60		
	Voltage	V			220-240/220-230		
Current	Starting current	Cooling	A		6.4	8.8	10.7
Current - 50Hz	Maximum fuse amps (MFA)			A	20		
Current - 60Hz	Maximum fuse amps (MFA)			A	20		
Wiring connections	For power supply	Remark			3 for power supply, 4 for interunit wiring (including earth wiring)		

Notes

SL: The silent fan level of the air flow rate setting

3 Electrical data

3 - 1 Electrical Data

RKM-PVM

Representative unit combination		Power supply				Comp.		OFM		IFM	
Indoor unit	Outdoor unit	Hz-volts	Voltage range	MCA	MFA	RHz	RLA	W	FLA	W	FLA
FTKM18PVM	RKM18PVM	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	10.4	20	56.8	5.7	128	0.43	48	0.23
		50 - 230					5.4				
		50 - 240	Max. 60Hz 253V Min. 60Hz 198V				5.1				
		60 - 220					5.7				
		60 - 230					5.4				
FTKM24PVM	RKM24PVM	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	13.2	20	77.0	8.1	128	0.43	48	0.23
		50 - 230					7.7				
		50 - 240	Max. 60Hz 253V Min. 60Hz 198V				7.4				
		60 - 220					8.1				
		60 - 230					7.7				
FTKM28PVM	RKM28PVM	50 - 220	Max. 50Hz 264V Min. 50Hz 198V	15.7	20	86.0	10.0	128	0.43	64	0.29
		50 - 230					9.5				
		50 - 240	Max. 60Hz 253V Min. 60Hz 198V				9.1				
		60 - 220					10.0				
		60 - 230					9.5				

3D093310

SYMBOLS

MCA	: Min. Circuit Amps. (A)
MFA	: Max. Fuse Amps (A)
RHz	: Rated operating frequency (Hz)
RLA	: Rated Load Amps. (A)
OFM	: Outdoor fan motor (A)
IFM	: Indoor Fan Motor. (A)
W	: Fan Motor Rated Output (W)
FLA	: Full Load Amps. (A)

NOTES

1. RLA is based on the following conditions:
Indoor temp.: 27°CDB/19°CWB
Outdoor temp.: 35°CDB
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.
4. Instead of fuse, use circuit breaker.

4 Capacity tables

4 - 1 Cooling Capacity Tables

FTKM18PVMK + RKM18PVMK

Cooling 220V-240V 50Hz / 220V-230V 60Hz

Rated capacity

Rated capacity		Outdoor temp. (°CDB)																																			
		Indoor				20				25				30				32				35				40				46				48			
		EWB	EDB	°C	°F	TC	SHC	PI	kW	MBh	kW	TC	SHC	PI	kW	MBh	kW	TC	SHC	PI	kW	MBh	kW	TC	SHC	PI	kW	MBh	kW	TC	SHC	PI					
14	20	5.19	17.71	4.37	14.91	1.04	4.95	16.89	4.26	14.54	1.14	4.72	16.10	4.15	14.16	1.24	4.82	16.45	4.19	14.30	1.28	4.67	15.93	4.13	14.09	3.88	13.24	1.55	4.03	13.75	3.84	13.10	1.59				
16	22	5.42	18.49	4.29	14.64	1.05	5.18	17.67	4.19	14.30	1.15	4.95	16.89	4.09	13.96	1.25	5.06	17.26	4.14	14.13	1.28	4.91	16.75	4.08	13.92	3.85	13.14	1.56	4.27	14.57	3.81	13.00	1.60				
18	25	5.65	19.28	4.57	15.59	1.05	5.42	18.49	4.48	15.29	1.15	5.18	17.67	4.38	14.94	1.25	5.30	18.08	4.43	15.12	1.29	5.15	17.57	4.37	14.91	4.01	15.73	4.16	14.19	4.52	15.42	4.12	14.06	1.61			
19	27	5.77	19.69	4.89	16.68	1.06	5.53	18.87	4.8	16.38	1.16	5.30	18.08	4.71	16.07	1.26	5.42	18.49	4.76	16.24	1.29	5.28	18.02	4.7	16.03	4.74	16.17	4.49	15.32	4.57	15.83	4.46	15.22	1.61			
22	30	6.12	20.88	4.74	16.17	1.07	5.88	20.06	4.66	15.90	1.17	5.65	19.28	4.58	15.63	1.27	5.79	19.76	4.63	15.80	1.30	5.64	19.24	4.58	15.627	5.10	17.40	4.40	15.01	4.58	15.00	4.37	14.91	1.62			
24	32	6.35	21.67	4.64	15.83	1.07	6.12	20.88	4.57	15.59	1.17	5.88	20.06	4.49	15.32	1.27	6.03	20.57	4.54	15.49	1.31	5.88	20.06	4.49	15.32	5.34	18.22	4.33	14.77	4.58	14.88	4.30	14.67	1.62			

Cooling 220V-240V 50Hz / 220V-230V 60Hz

Maximum Capacity

Indoor		Outdoor temp. (°CDB)																													
EWB	EDB	35						40						46						48											
		TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI												
°C	°C	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh
19	27	6.00	20.47	4.98	16.99	1.78	5.61	19.14	4.83	16.48	1.96	5.28	18.02	4.70	16.04	2.12	4.79	16.34	4.52	15.42	2.02										

SYMBOLS

- AFR: Air flow rate
BF: Bypass factor
EWB: Entering wet bulb temp.
EDB: Entering dry bulb temp.
TC: Total capacity
SHC: Sensible heat capacity
PI: Power input

NOTES

- shows nominal (rated) capacities and power input.
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables.
(Figures out of the tables should not be used for calculation.)
- Capacities are based on following conditions:
Corresponding refrigerant piping length: 7.5m
Level difference: 0m

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4
 Capacity tables
 4 - 1
 Cooling Capacity Tables

FTKM24PVMK + RKM24PVMK

Cooling 220V-240V 50Hz / 220V-230V 60Hz

Rated capacity

ARR	22.0
BF	0.11

Indoor		Outdoor temp. (°CDB)												48											
		20				25				30				35				40				46			
°C	EiWB	TC		SHC		TC		SHC		TC		SHC		TC		SHC		TC		SHC		TC		SHC	
		kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh
14	20	6.92	23.61	5.38	18.36	1.46	6.60	22.52	5.22	17.81	1.60	6.29	21.46	5.07	17.30	1.74	6.42	21.91	5.14	17.54	1.79	6.22	21.22	5.04	17.20
16	22	7.23	24.67	5.28	18.02	1.47	6.91	23.58	5.14	17.54	1.61	6.60	22.52	5.00	17.06	1.75	6.74	23.00	5.07	17.30	1.79	6.55	22.35	4.98	16.99
18	25	7.54	25.73	5.57	19.00	1.47	7.22	24.63	5.44	18.56	1.62	6.91	23.58	5.31	18.12	1.76	7.07	24.12	5.37	18.32	1.80	6.87	23.44	5.29	18.05
19	27	7.69	26.24	5.91	20.16	1.48	7.38	25.18	5.78	19.72	1.62	7.06	24.09	5.66	19.31	1.76	7.23	24.67	5.72	19.52	1.81	7.03	23.99	5.64	19.24
21	30	8.16	27.84	5.71	19.48	1.49	7.84	26.75	5.60	19.11	1.63	7.53	25.69	5.49	18.73	1.77	7.72	26.34	5.55	18.94	1.82	7.52	25.66	5.48	18.70
24	32	8.47	28.90	5.57	19.00	1.50	8.16	27.84	5.47	18.66	1.64	7.84	26.75	5.37	18.32	1.78	8.04	27.43	5.43	18.53	1.83	7.84	26.75	5.37	18.32

Cooling 220V-240V 50Hz / 220V-230V 60Hz

Maximum Capacity

Indoor		Outdoor temp. (°CDB)												48											
		35				40				46				48				48				48			
°C	EiWB	TC		SHC		TC		SHC		TC		SHC		TC		SHC		TC		SHC		TC		SHC	
		kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh
19	27	8.60	29.34	6.29	21.46	2.58	8.30	28.32	6.16	21.02	2.89	7.03	23.99	5.64	19.24	2.82	6.58	22.45	5.46	18.63	2.87				

SYMBOLS

- AFR: Air flow rate
- BF: Bypass factor
- EWB: Entering wet bulb temp.
- TC: Entering dry bulb temp.
- SHC: Total capacity
- Pl: Sensible heat capacity
- Pl: Power input

NOTES

- shows nominal (rated) capacities and power input.
- TC, Pl and SHC must be calculated by interpolation using the figures in the above tables.
- Figures out of the tables should not be used for calculation.
- Capacities are based on following conditions:
Corresponding refrigerant piping length: 7.5m
Level difference: 0m

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Capacity tables

4 - 1 Cooling Capacity Tables

2
4

FTKM28PVMK + RKM28PVMK

Cooling 220V-240V 50Hz / 220V-230V 60Hz

Rated capacity

AFR	25.2
BF	0.13

Indoor		Outdoor temp. (°CDB)																																							
°C	°C	20				25				30				32				35				40				46				48											
		TC		SHC		PI		TC		SHC		PI		TC		SHC		PI		TC		SHC		PI		TC		SHC		PI		TC		SHC		PI					
		kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh				
14	20	8.07	27.53	6.18	21.09	1.78	7.70	26.27	6.00	20.47	1.95	7.33	25.01	5.82	19.86	2.13	7.49	25.56	5.90	20.13	2.18	7.26	24.77	5.79	19.76	2.28	6.88	23.47	5.60	19.11	2.46	6.42	21.91	5.39	18.39	2.66	6.27	21.39	5.32	18.15	2.73
16	22	8.43	28.76	6.07	20.71	1.79	8.06	27.50	5.90	20.13	1.96	7.70	26.27	5.74	19.58	2.14	7.87	26.85	5.82	19.86	2.19	7.64	26.07	5.71	19.48	2.29	7.26	24.77	5.54	18.90	2.47	6.80	23.20	5.34	18.22	2.67	6.65	22.69	5.27	17.98	2.74
18	25	8.79	29.99	6.39	21.80	1.80	8.43	28.76	6.23	21.26	1.97	8.06	27.50	6.08	20.74	2.15	8.25	28.15	6.16	21.02	2.20	8.02	27.36	6.06	20.68	2.30	7.63	26.03	5.90	20.13	2.48	7.18	24.50	5.71	19.48	2.68	7.02	23.95	5.65	19.28	2.75
19	27	8.97	30.61	6.77	23.10	1.81	8.61	29.38	6.62	22.59	1.98	8.24	28.11	6.47	22.08	2.15	8.44	28.80	6.54	22.31	2.21	8.21	28.01	6.45	22.01	2.31	7.82	26.68	6.30	21.50	2.48	7.37	25.15	6.12	20.88	2.69	7.21	24.60	6.06	20.68	2.75
22	30	9.52	32.48	6.53	22.28	1.82	9.15	31.22	6.40	21.84	1.99	8.79	29.99	6.27	21.39	2.17	9.00	30.71	6.35	21.67	2.22	8.77	29.92	6.27	21.39	2.33	8.39	28.63	6.13	20.92	2.50	7.93	27.06	5.97	20.37	2.70	7.78	26.55	5.92	20.20	2.77
24	32	9.88	33.71	6.37	21.73	1.83	9.51	32.45	6.25	21.33	2.01	9.15	31.22	6.13	20.92	2.18	9.38	32.00	6.21	21.19	2.23	9.15	31.22	6.13	20.92	2.34	8.77	29.92	6.01	20.51	2.51	8.31	28.35	5.86	19.99	2.71	8.16	27.84	5.81	19.82	2.78

Cooling 220V-240V 50Hz / 220V-230V 60Hz

Maximum Capacity

Indoor		Outdoor temp. (°CDB)																							
°C	°C	35						40						46						48					
		TC		SHC		PI	TC		SHC		PI	TC		SHC		PI	TC		SHC		PI				
		kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW	kW	MBh	kW	MBh	kW				
19	27	9.4	32.07	6.94	23.68	3.03	8.98	30.64	6.77	23.10	3.11	8.03	27.40	6.38	21.77	3.20	7.45	25.42	6.15	20.98	3.11				

SYMBOLS

AFR:	Air flow rate	(m ³ /min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°C)
EDB:	Entering dry bulb temp.	(°C)
TC:	Total capacity	
SHC:	Sensible heat capacity	
PI:	Power input	

NOTES

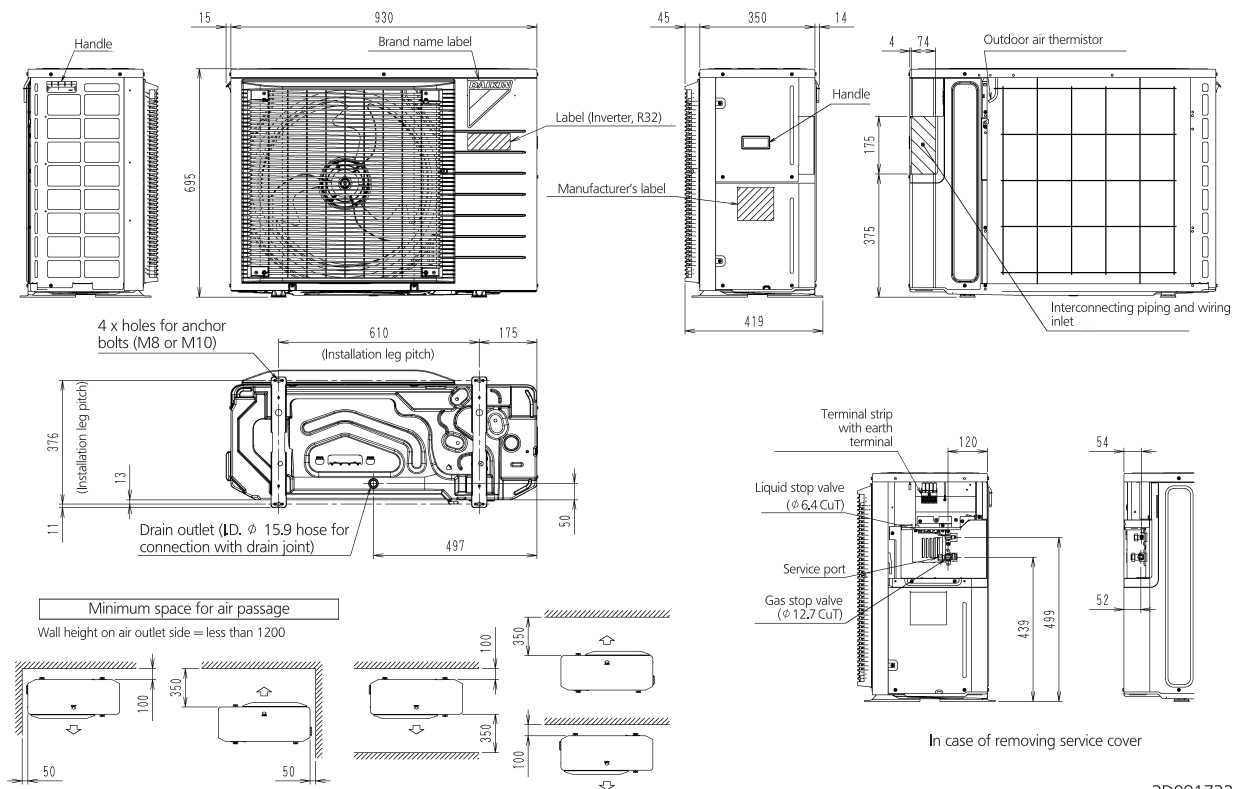
- shows nominal (rated) capacities and power input.
- TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.)
- Capacities are based on following conditions:
Corresponding refrigerant piping length: 7.5m
Level difference: 0m

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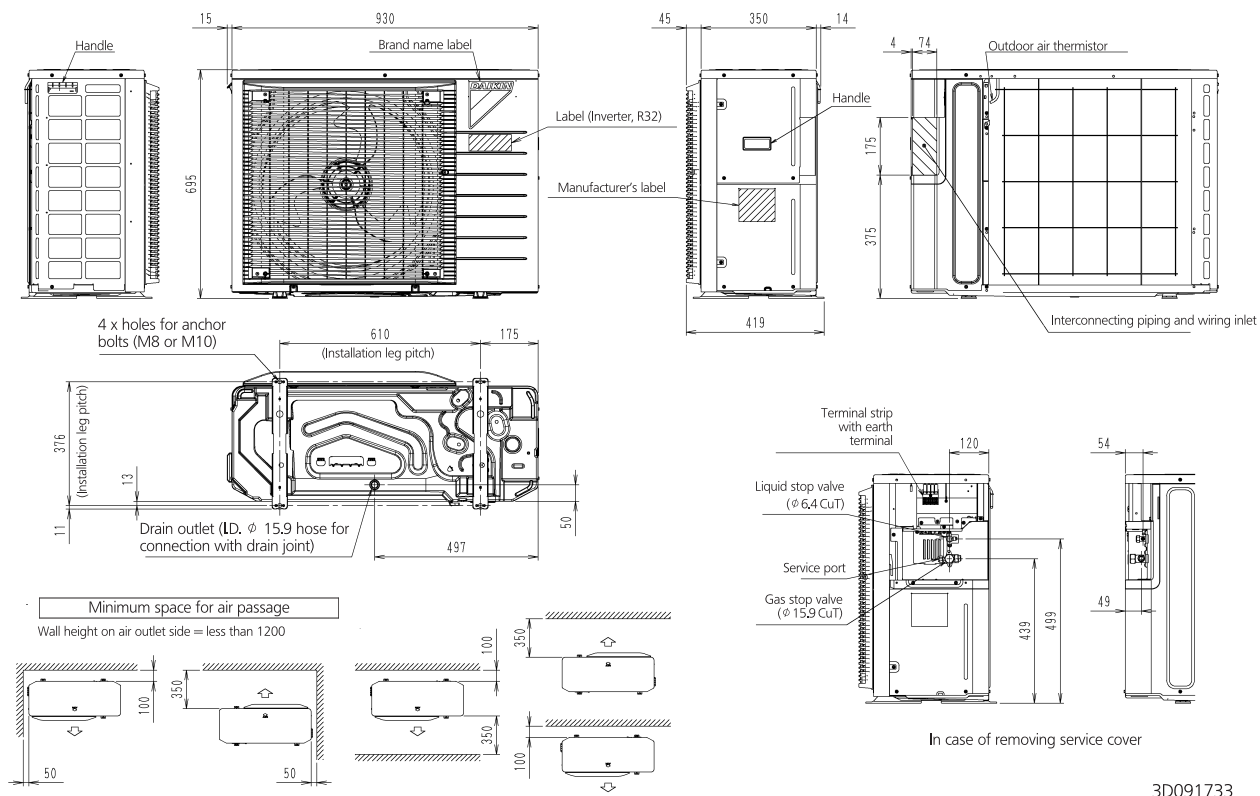
5 Dimensional drawings

5 - 1 Dimensional Drawings

RKM18-24PVM



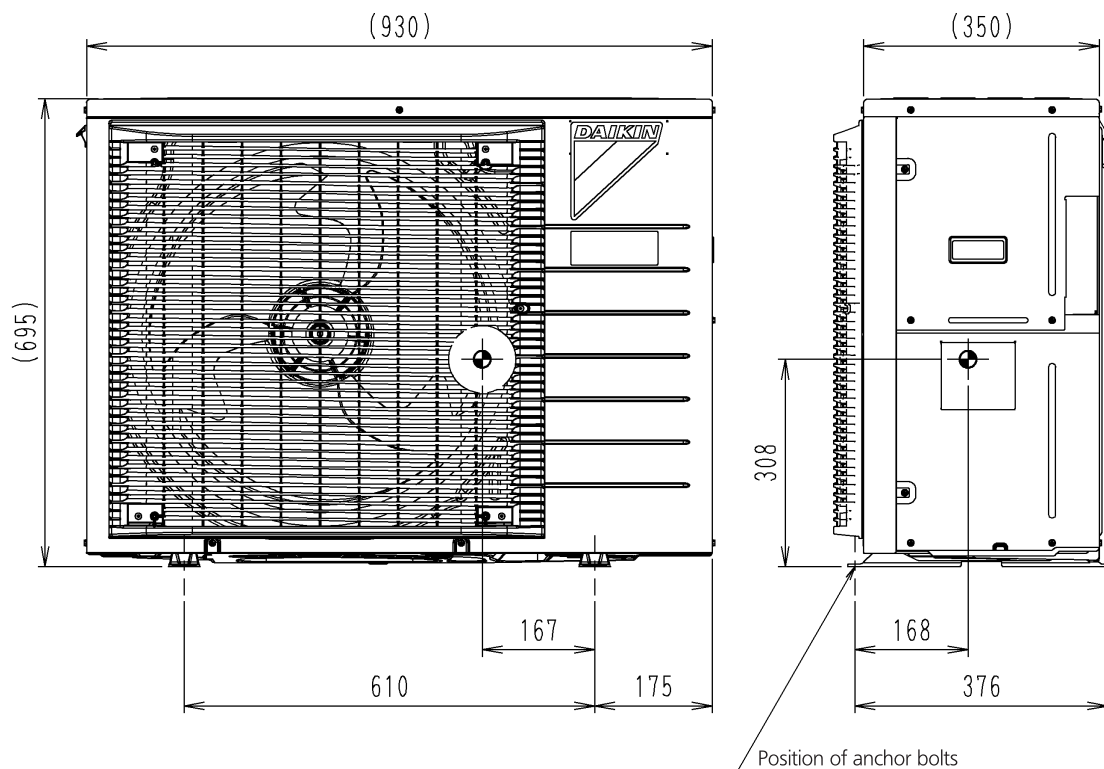
RKM28PVM



6 Centre of gravity

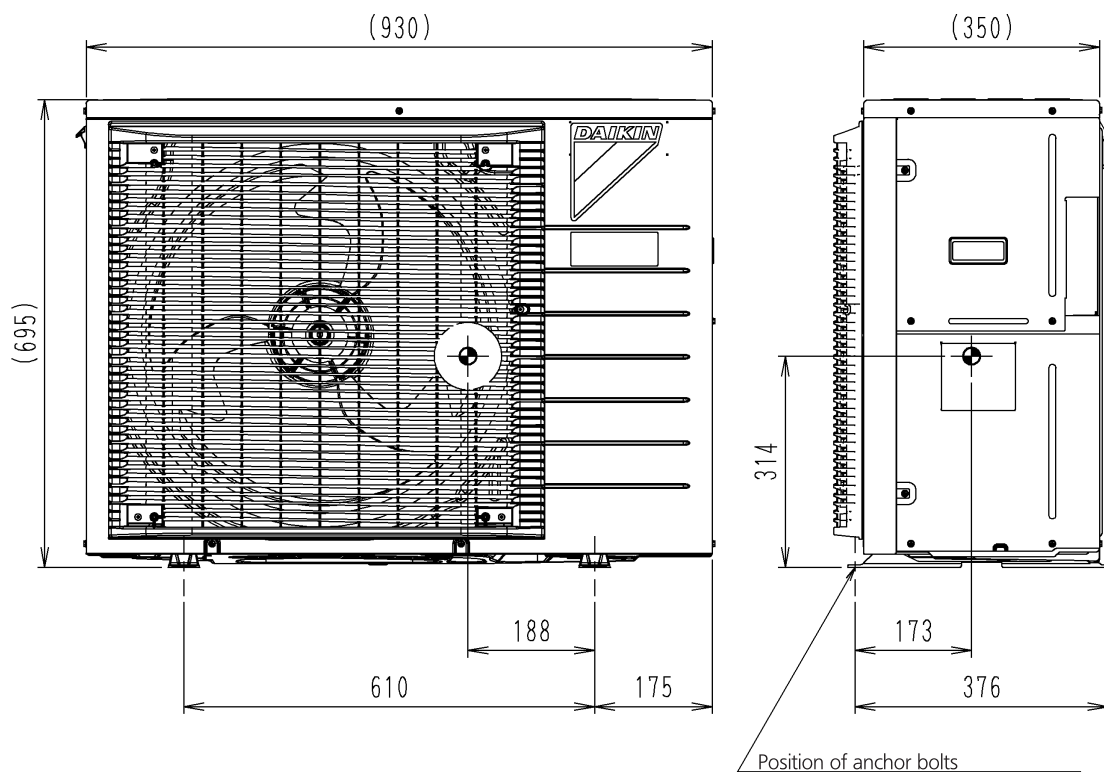
6 - 1 Centre of Gravity

RKM18PVM



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RKM24-28PVM



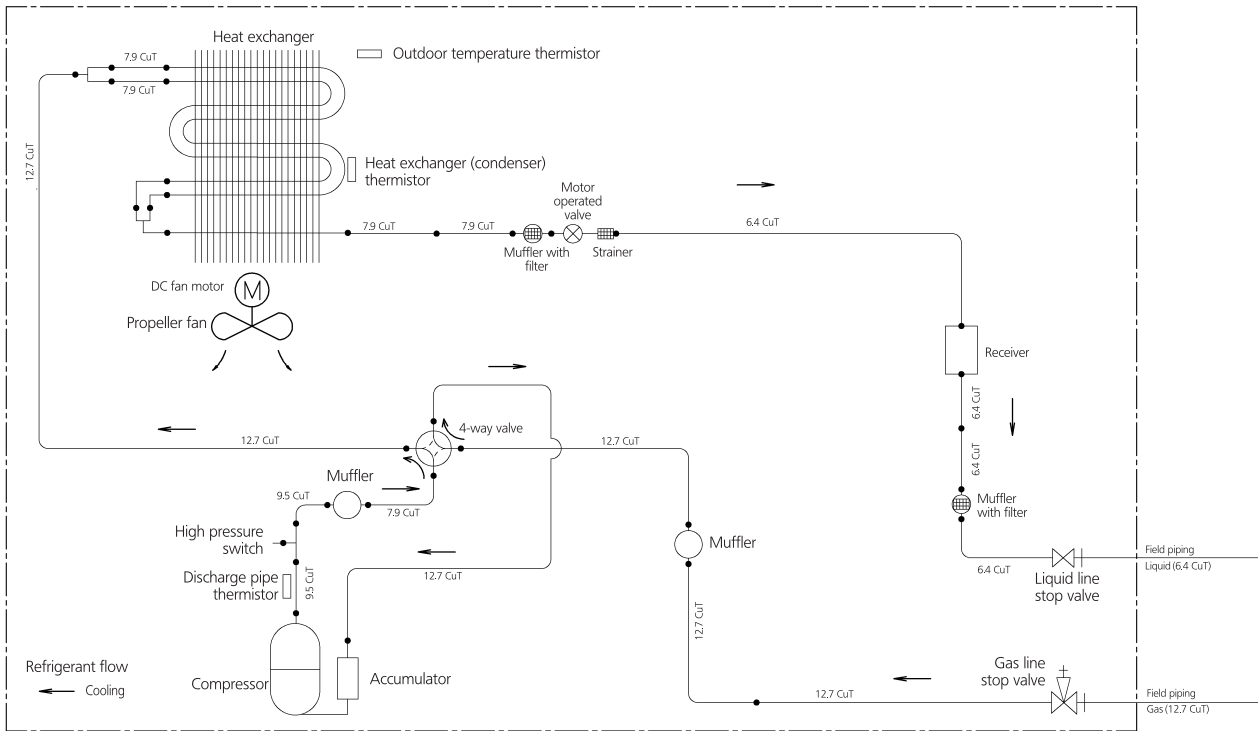
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7 Piping diagrams

7 - 1 Piping Diagrams

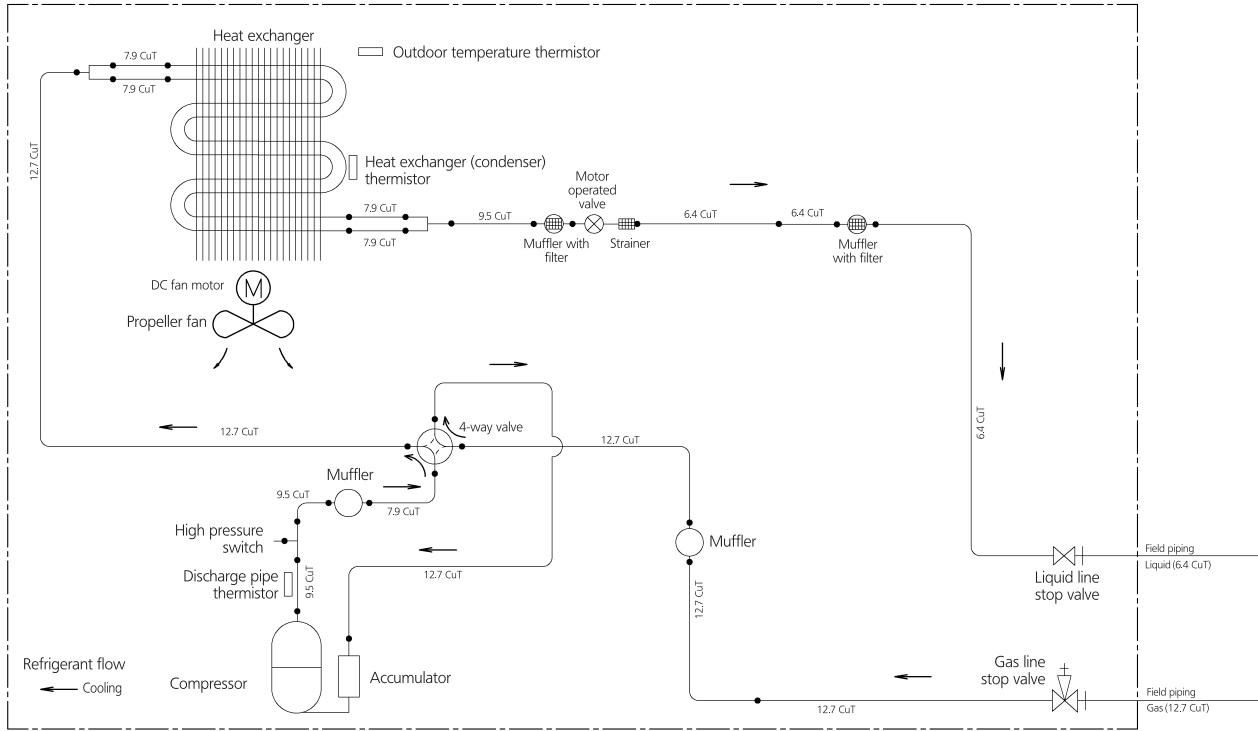
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RKM18PVM



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RKM24PVM

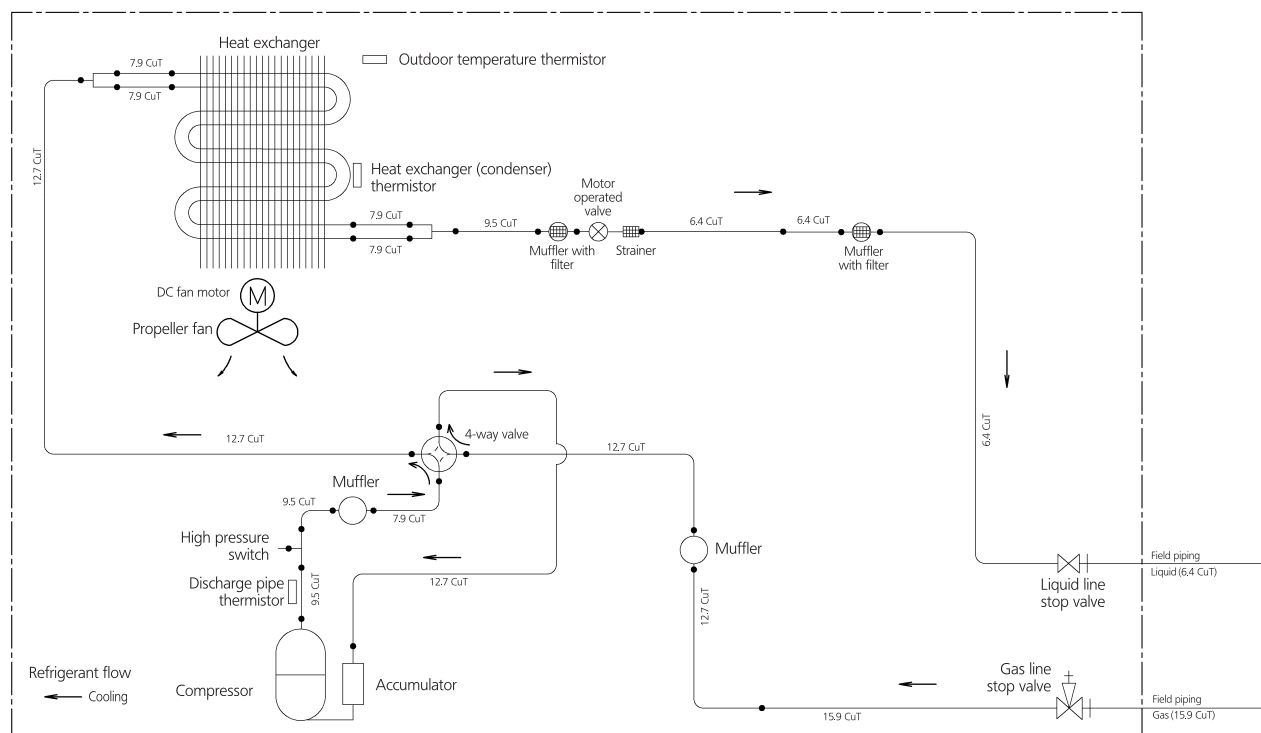


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7 Piping diagrams

7 - 1 Piping Diagrams

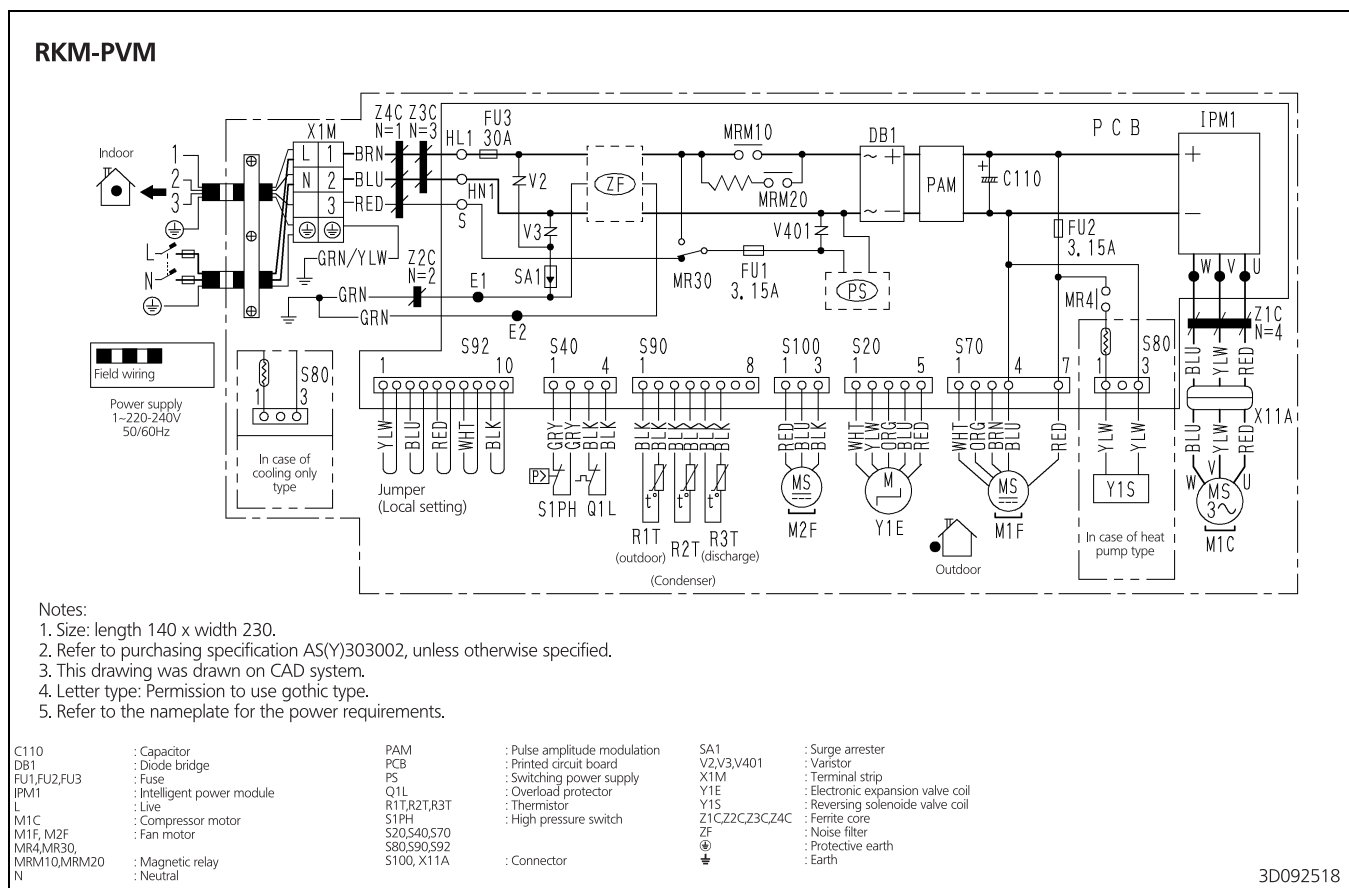
RKM28PVM



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8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

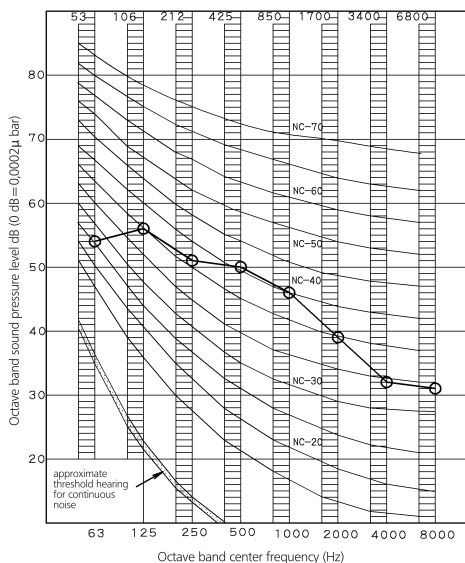


9 Sound data

9 - 1 Sound Pressure Spectrum - Cooling

2
9

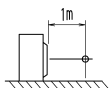
RKM18PVM



NOTES

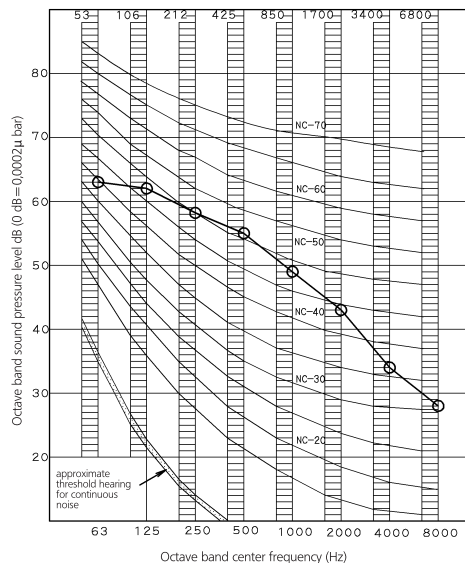
- Overall (dB)

Scale	50/60Hz 220-240/220-230V (H)
A	57
- B.G.N is already rectified
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240/220-230V 50/60Hz
- JIS standard
 - Cooling
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



4D093350

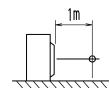
RKM24PVM



NOTES

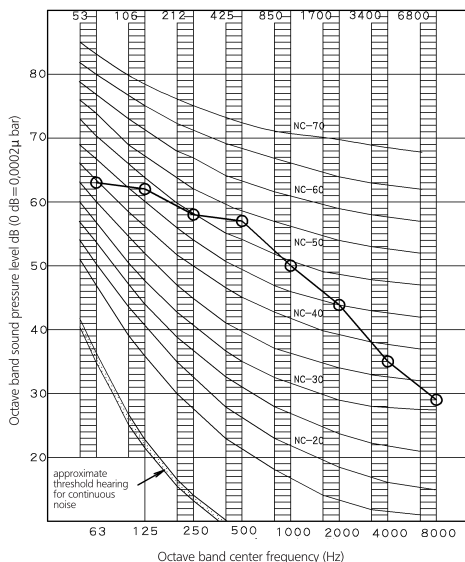
- Overall (dB)

Scale	50/60Hz 220-240/220-230V (H)
A	56
- B.G.N is already rectified
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240/220-230V 50/60Hz
- JIS standard
 - Cooling
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612



4D093351

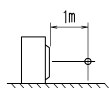
RKM28PVM



NOTES

- Overall (dB)

Scale	50/60Hz 220-240/220-230V (H)
A	57
- B.G.N is already rectified
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220-240/220-230V 50/60Hz
- JIS standard
 - Cooling
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612

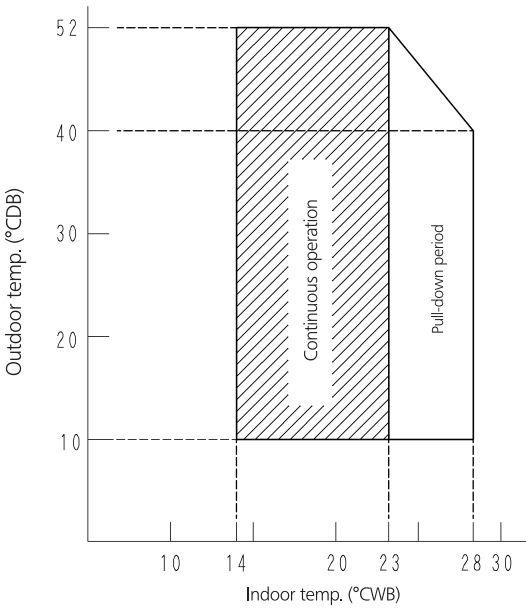


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10 Operation range

10 - 1 Operation Range

RKM-PVM



Notes:

- The graphs are based on the following conditions:
- Equivalent piping length 7.5 m
 - Level difference 0 m
 - Air flow rate high

4D093312



There products are not within the scope of the Eurovent certification program

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