



Air Conditioning

Technical Data

Wall mounted unit



EEDEN15-100

ATXS-K

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ATXS-K

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1 Features

Discreet, modern Siesta unit for optimal efficiency and comfort thanks to 2 area intelligent eye

- Online controller (optional): control your indoor from any location with an app, via your local network or internet
- 2 area intelligent eye sends the air flow to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting (35,50 class)
- Discreet, modern design. Its smooth curve blends beautifully with the wall resulting in an unobtrusive presence that matches all interior décors.
- High quality matt crystal white finish
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- Ideal for installation in bedrooms (20,25 class) and larger or irregular shaped living areas (35,50 class)

1



Econo mode	2 area intelligent eye	Movement sensor	Energy saving during standby mode	Night set mode	Fan only	Comfort mode	Powerful mode	Auto cooling-heating changeover
Whisper quiet	Indoor unit silent operation	Outdoor unit silent operation	3-D air flow	Vertical auto swing	Horizontal auto swing	Auto fan speed	Dry programme	Titanium apatite photocatalytic air purification filter
Weekly timer	24 hour timer	Infrared remote control	Wired remote control	Centralised control	Online controller via app	Auto-restart	Self diagnosis	Multi model application

2 Specifications

2-1 Technical Specifications					ATXS20K		ATXS25K		ATXS35K		ATXS50K			
Power input - 50Hz	Cooling		Nom.		kW		0.040		0.026					
	Heating		Nom.		kW		0.040		0.028		0.032			
Casing	Colour				White									
Dimensions	Unit		Height/Width/Depth		mm		289/780/215			298/900/215				
	Packed unit		Height/Width/Depth		mm		346/850/274			371/977/290				
Weight	Unit				kg		8			11				
	Packed unit				kg		12			15				
Packing	Weight				kg		4							
Heat exchanger	Length				mm		610			665				
	Rows		Quantity			2								
	Fin pitch				mm		1.4							
	Stages		Quantity			14			18					
	Tube type				ø7 Hi-XD			Ø6,35 Hi-XB						
	Fin		Type			ML fin (Multi louver)			Multi slit fin					
Heat exchanger 2	Length				mm		-			660				
	Rows		Quantity			-			1					
	Fin pitch				mm		-			1.6				
	Stages		Quantity			-			8					
Air filter	Type				Removable / washable / mildew proof									
Fan	Type				Cross flow fan									
	Air flow rate	Cooling	High	m³/min	9.1			11.2		11.9				
				cfm	311		321		395		420			
			Nom.	m³/min	7.0			8.5		9.6				
				cfm	237		247		300		339			
			Low	m³/min	5.0			5.8		7.4				
				cfm	166		177		205		261			
		Silent operation	m³/min	3.9			4.1		4.5					
			cfm	138			145		159					
		Heating	High	m³/min	10.0			12.1		13.3				
				cfm	335		353		427		470			
			Nom.	m³/min	8.0			9.3		10.8				
				cfm	275		282		328		381			
			Low	m³/min	6.0			6.5		8.4				
				cfm	212			230		297				
		Silent operation	m³/min	4.3			4.2		5.5					
			cfm	152			148		194					
Fan motor	Model				MM6C02J2VA				KFD-280-23-8C					
	Speed	Steps			5 + silent, + auto									
		Cooling	High/ Medium/Low/ Silent operation	rpm	1,330/1,050/780/670		1,370/1,090/820/670		1,330/1,050/780/600		1,400/1,170/940/650			
					1,360/1,140/920/690		1,410/1,160/920/690		1,420/1,130/850/610		1,540/1,290/1,040/750			
	Output	Rated		W	16			23						
Sound power level	Cooling				dBA		56		58		59		60	
	Heating				dBA		56		58		59		60	
Sound pressure level	Cooling		High/Nom./Low/ Silent operation		dBA		40/32/24/19		41/33/25/19		45/37/29/19		46/40/34/23	
	Heating		High/Nom./Low/ Silent operation		dBA		40/34/27/19		41/34/27/19		45/39/29/19		47/40/34/24	

2 Specifications

2-1 Technical Specifications			ATXS20K	ATXS25K	ATXS35K	ATXS50K
Control systems	Infrared remote control		ARC466A6		ARC466A9	
Piping connections	Liquid	OD	6.35			
	Gas	OD	9.5			12.7
	Drain		18			
	Heat insulation		Both liquid and gas pipes			
Temperature control			Microcomputer control			
Air direction control			Right, Left, Horizontal, Downward			

Standard Accessories : ; Quantity : Titanium apatite photocatalytic air purification filter without frame;

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Operation manual; Quantity : 1;

Standard Accessories : Infrared remote control; Quantity : 1;

Standard Accessories : AAA dry-cell batteries; Quantity : 2;

Standard Accessories : Remote control holder; Quantity : 1;

Standard Accessories : Mounting plate; Quantity : 1;

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

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

Standard Accessories : Batteries; Quantity : 2;

2-2 Electrical Specifications				ATXS20K	ATXS25K	ATXS35K	ATXS50K
Power supply	Name			V1			
	Phase			1~			
	Frequency	Hz		50			
	Voltage	V		220-240			
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.19 (1) / 0.18 (2) / 0.17 (3)	0.19 (4) / 0.18 (1) / 0.17 (2)	0.12 (4) / 0.12 (1) / 0.11 (2)	0.12 (1) / 0.12 (2) / 0.11 (3)
		Heating	A	0.19 (1) / 0.18 (2) / 0.17 (3)	0.19 (4) / 0.18 (1) / 0.17 (2)	0.13 (4) / 0.13 (1) / 0.12 (2)	0.15 (1) / 0.14 (2) / 0.14 (3)

Notes

(1) 220V

(2) 230V

(3) 240V

(4) When connected with multi-system outdoor unit, refer to the specifications of the multi outdoor unit to be connected.

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

3 Options
3 - 1 Options

ATXS-K

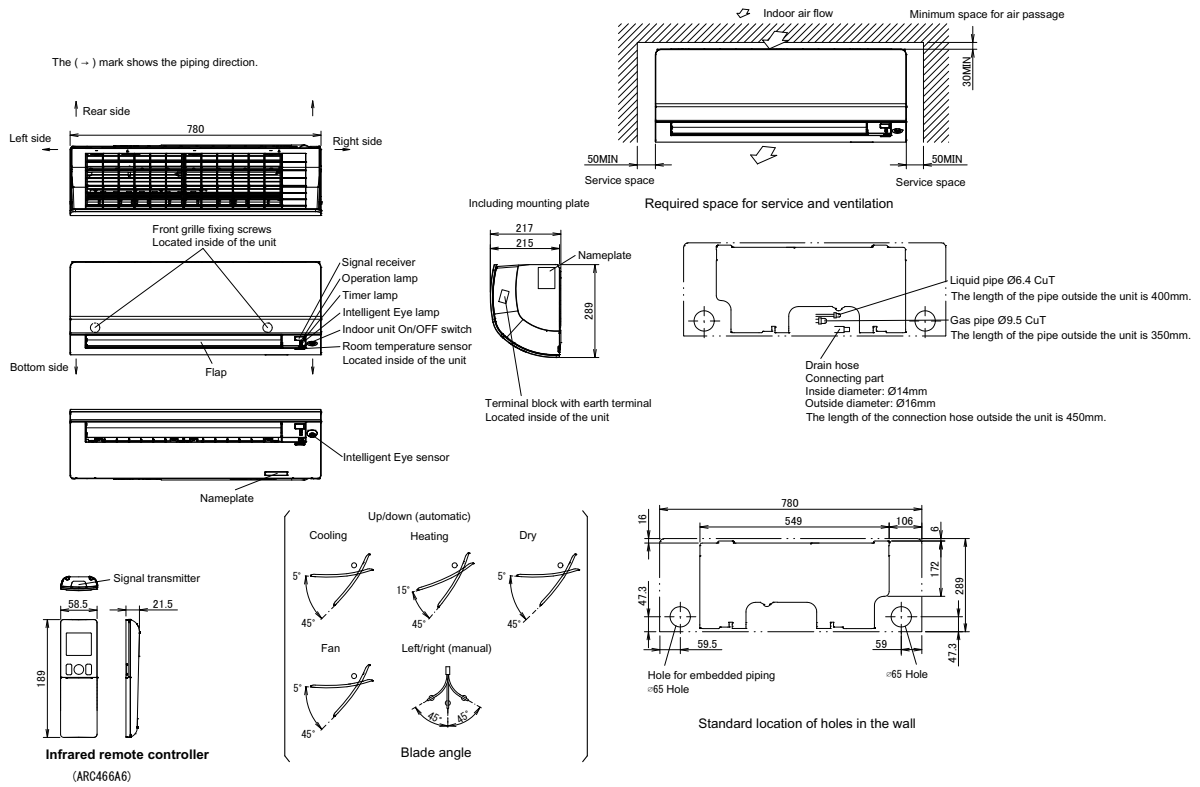
		ATXS20K	ATXS25K	ATXS35K	ATXS50K
Wired remote control		BRC944 (3) (4) BRC073 (3) (4)		BRC944 (3) BRC073 (3)	
Cord for wired remote control	3m	BRCW901A03			
	8m	BRCW901A08			
Wiring adapter normal open contact / normal open pulse contact		KRP413A1S (1) (4)		KRP413AB1S (1)	
Centralised control board		Up to 5 rooms		KRC72 (2)	
Anti-theft protection for remote control		KXF910A4			
Interface adapter for wired remote control		KRP980A1			
Interface adapter for DIII-net		KRP928A2S (4)		KRP928A2S	
Online controller		BRP069A43		BRP069A42	
Modbus gateway		RTD-RA (4)		RTD-RA	
KNX gateway		KJIC-DD (4)		KJIC-DD	

- (1) Wiring adapter supplied by Daikin. Time clock and other devices: to be purchased locally.
(2) Wiring adapter is also required for each indoor unit.
(3) Cord for wired remote control BRCW901A03 or BRCW901A08 required.
(4) Interface adapter KRP980A1, KRP067A41 or KRP980B2 required.

4 Dimensional drawings

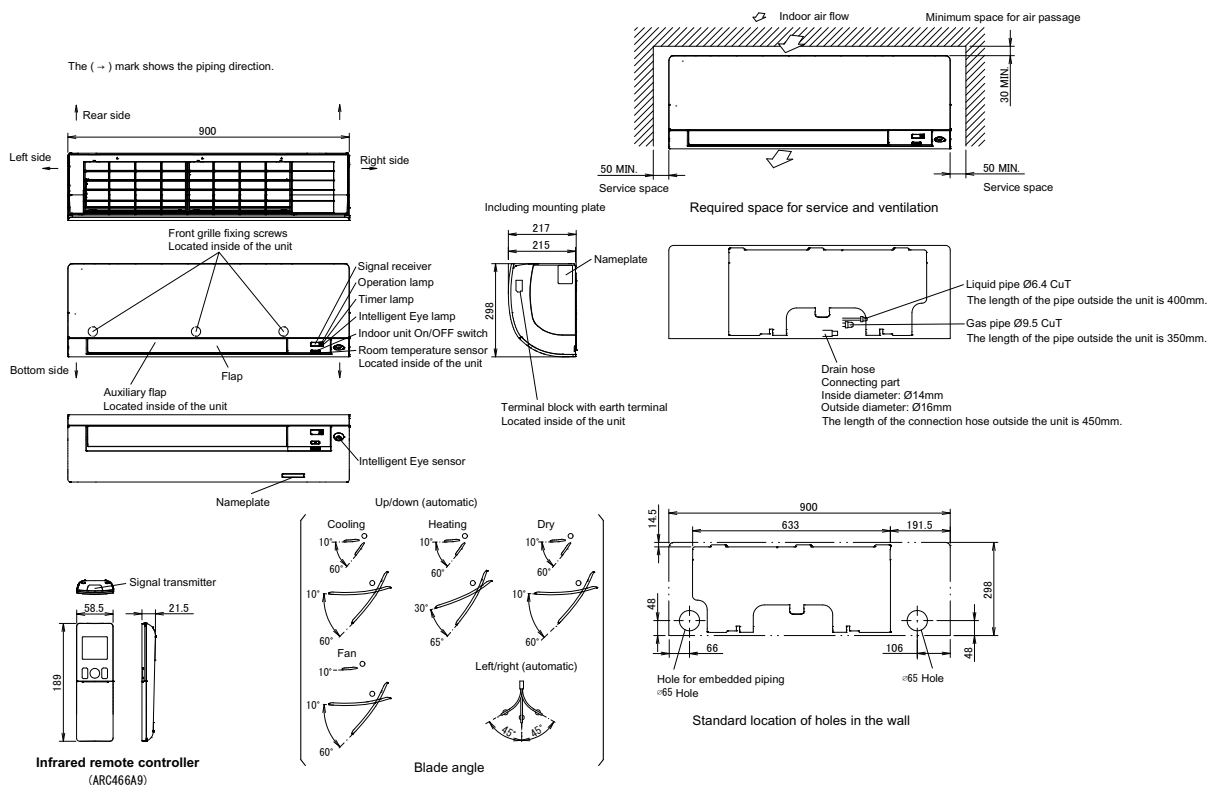
4 - 1 Dimensional Drawings

ATXS20-25K



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ATXS35K

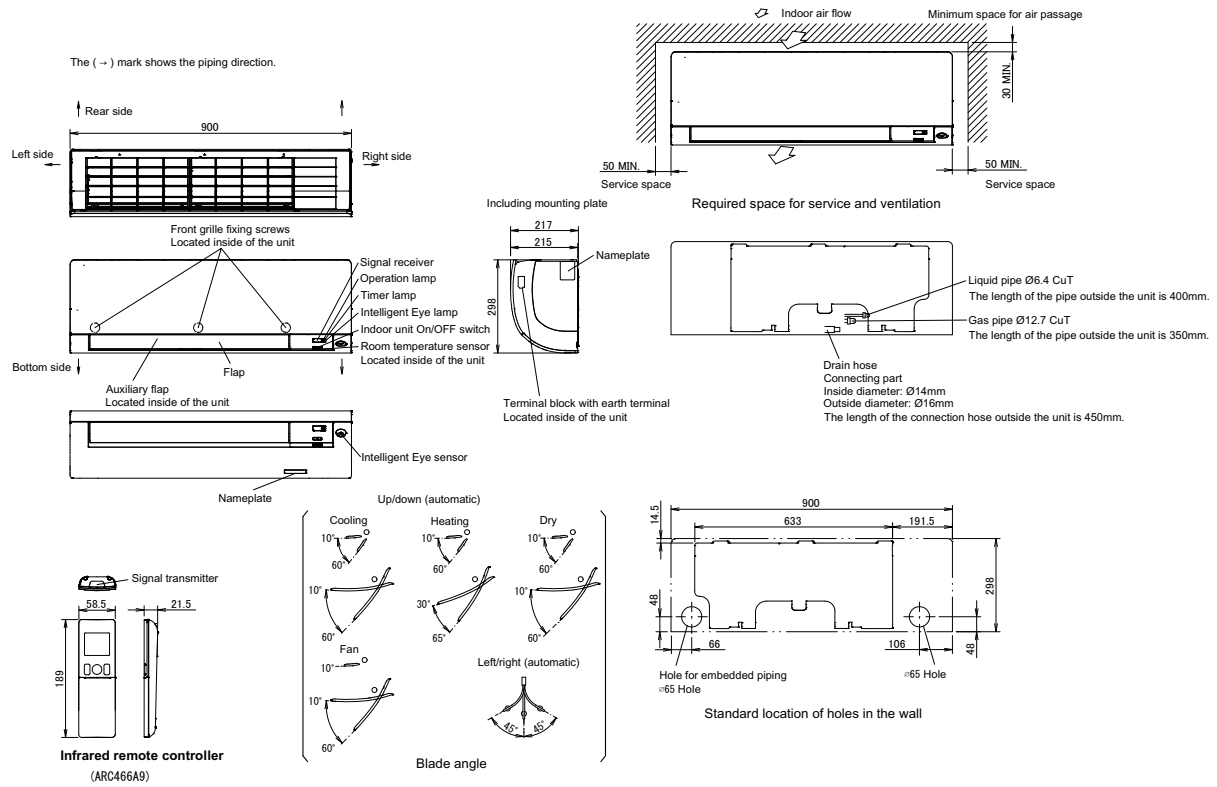


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4 Dimensional drawings

4 - 1 Dimensional Drawings

ATXS50K



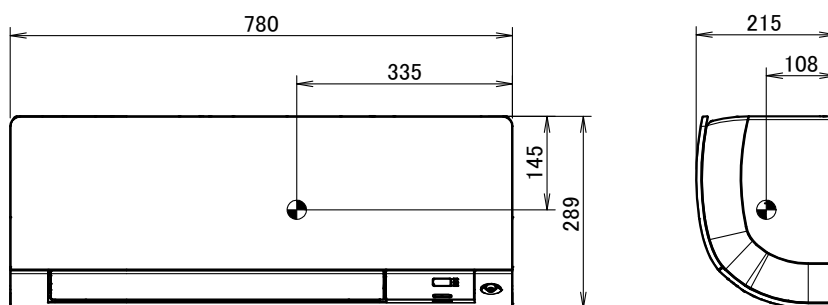
3D092257

5 Centre of gravity

5 - 1 Centre of Gravity

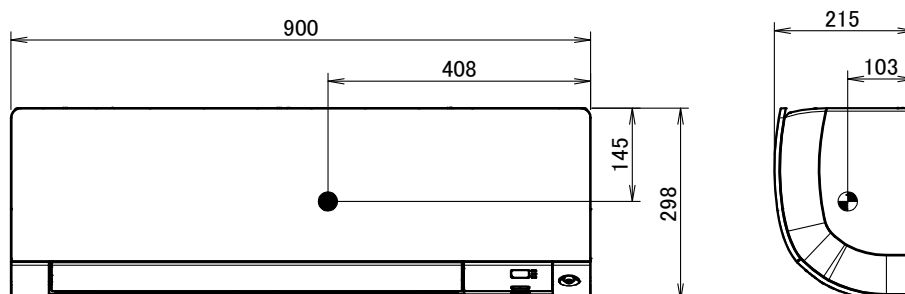
5

ATXS20-25K



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ATXS35-50K

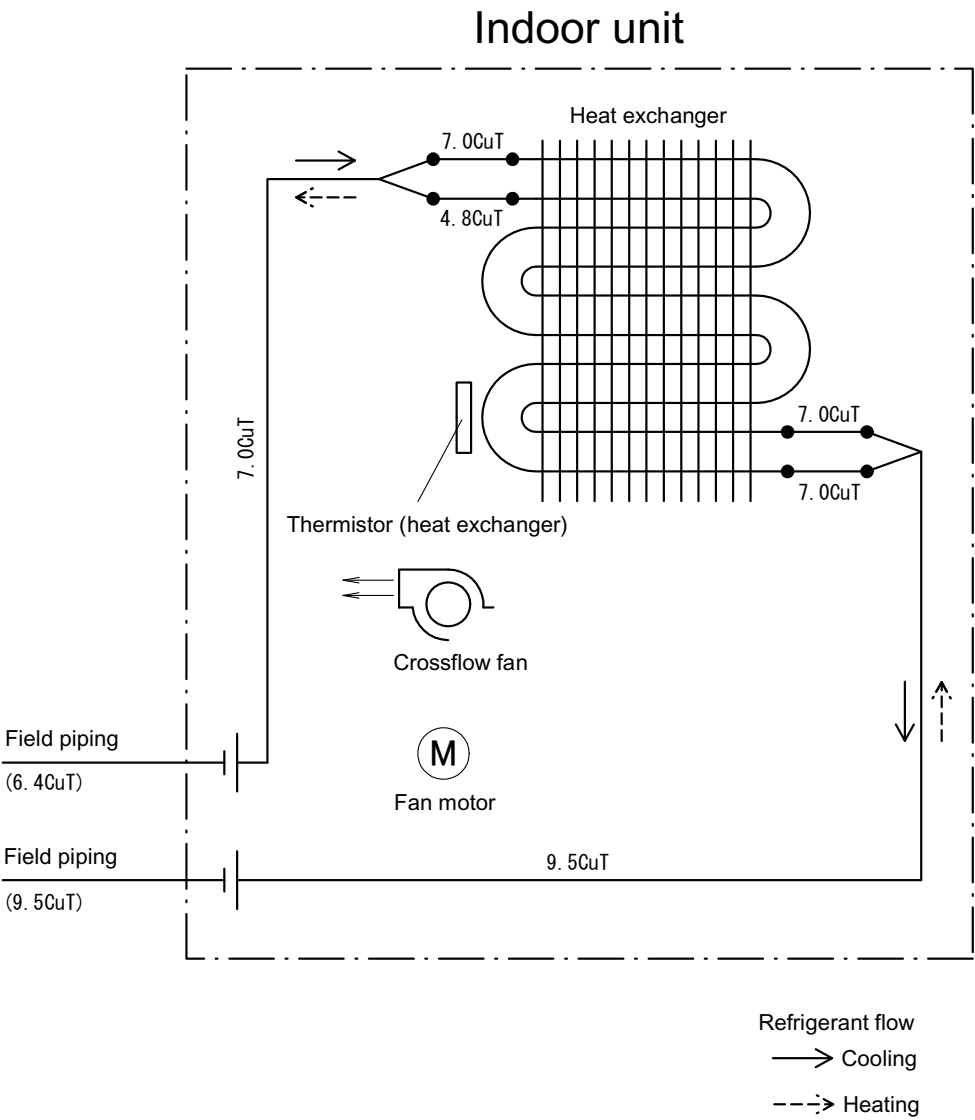


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6 Piping diagrams

6 - 1 Piping Diagrams

ATXS20-25K

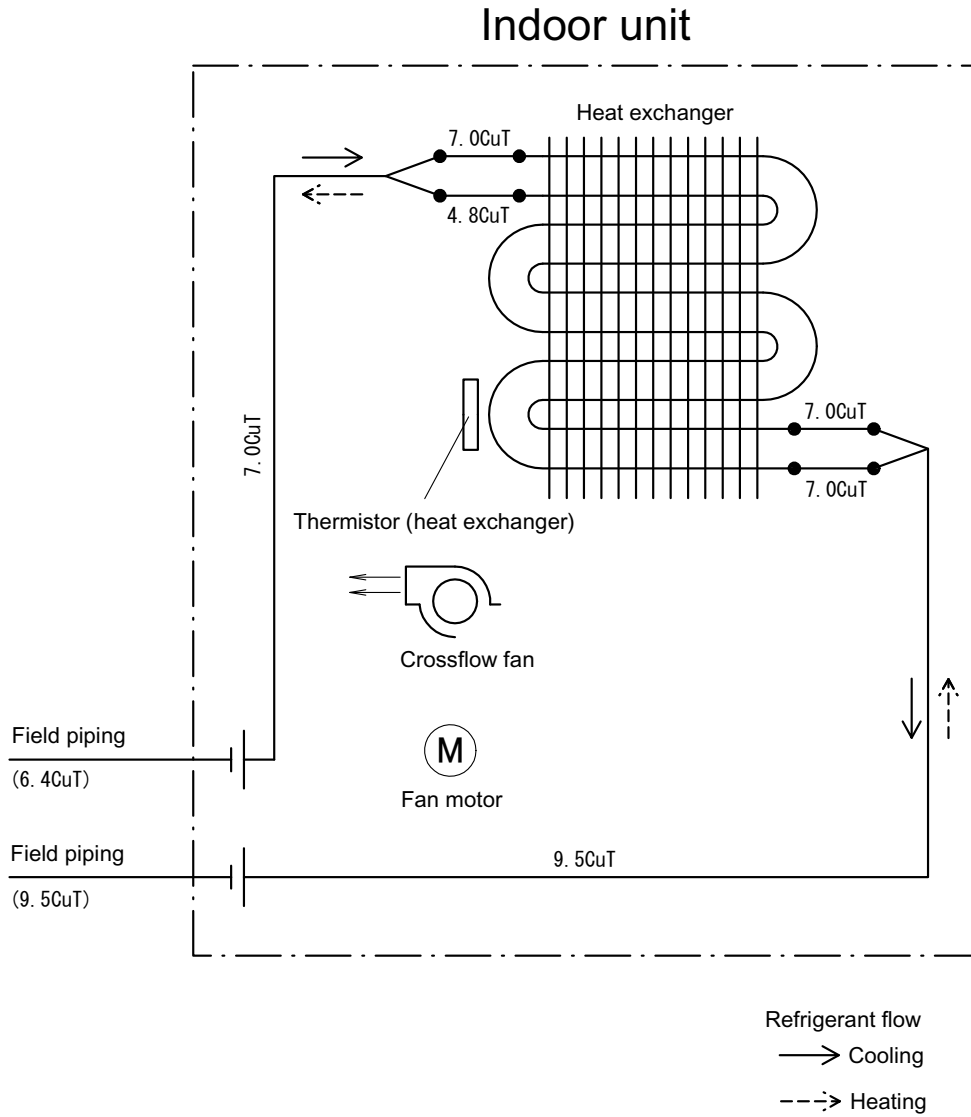


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6 Piping diagrams

6 - 1 Piping Diagrams

ATXS35K

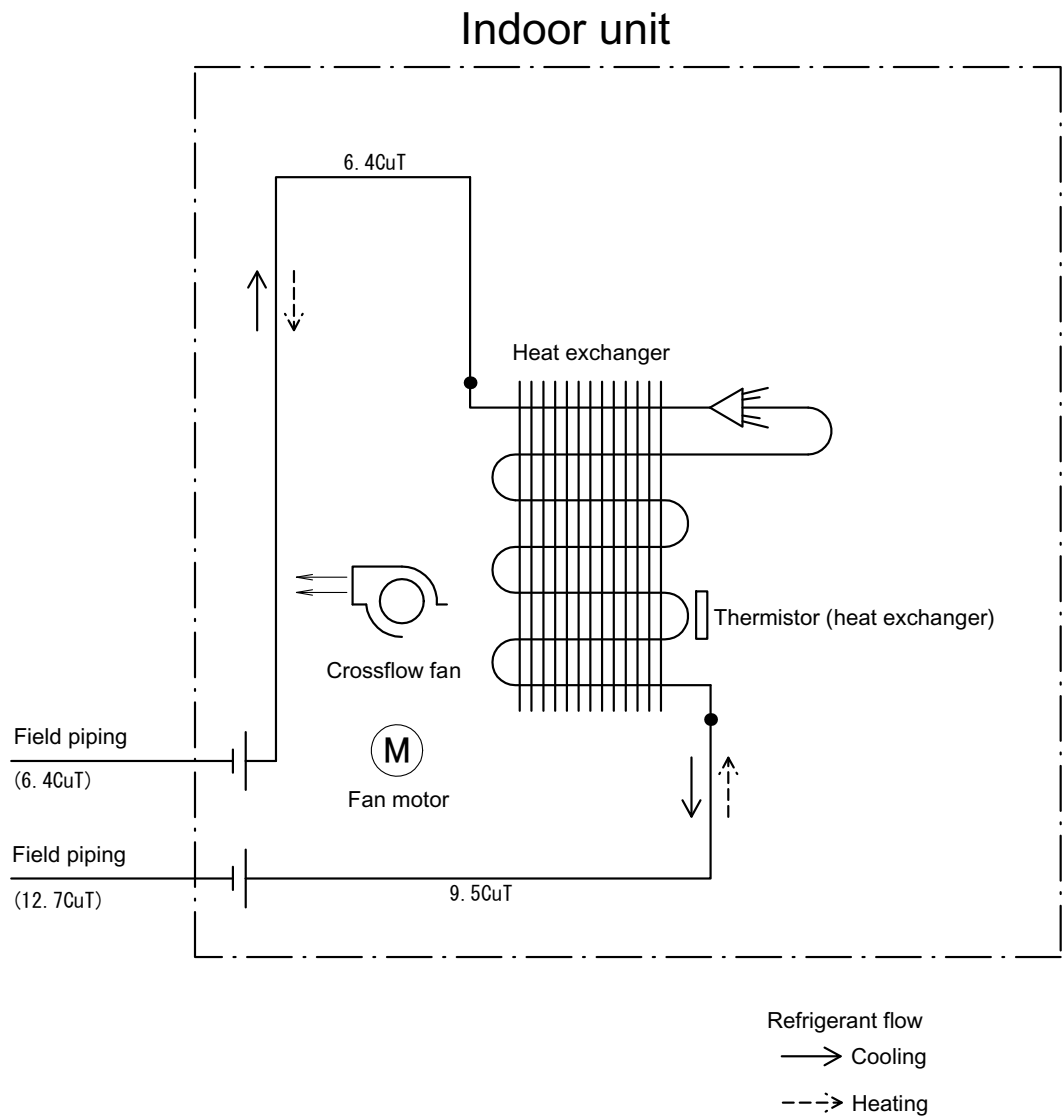


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6 Piping diagrams

6 - 1 Piping Diagrams

ATXS50K

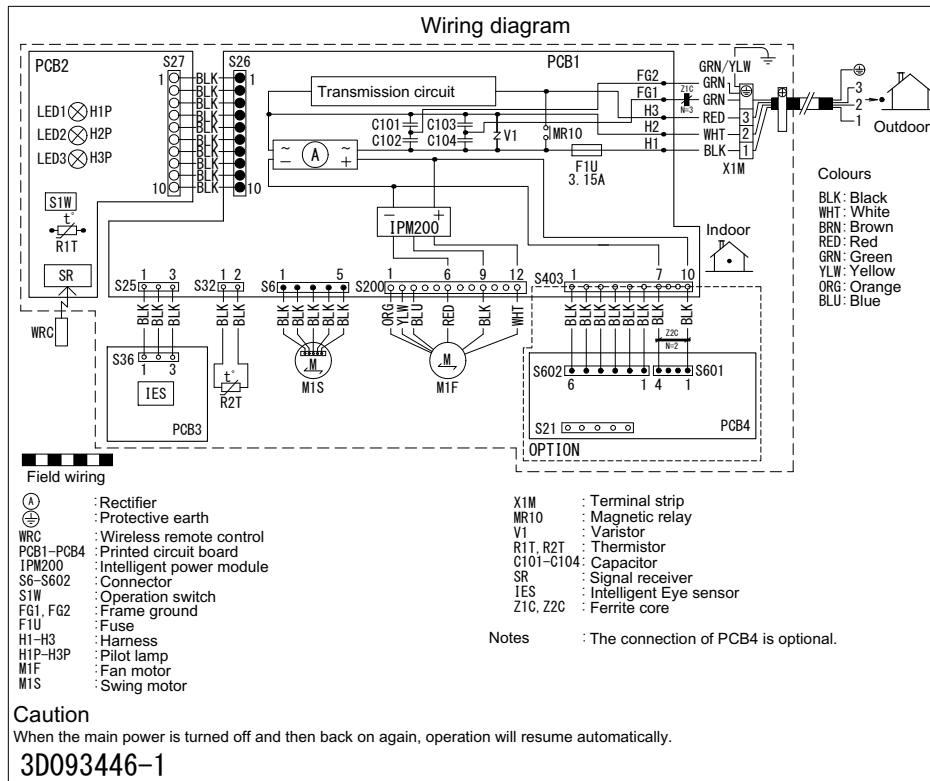


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7 Wiring diagrams

7 - 1 Wiring Diagrams - Single Phase

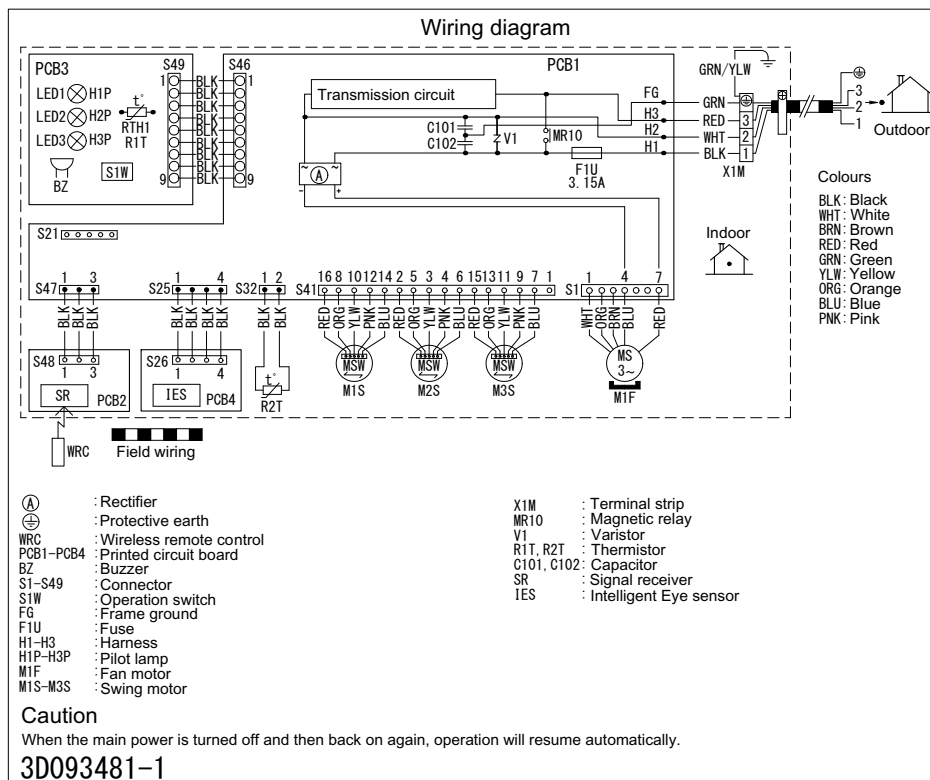
ATXS20-25K



Notes
 1. Size: length 100 X width 120.

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ATXS35-50K



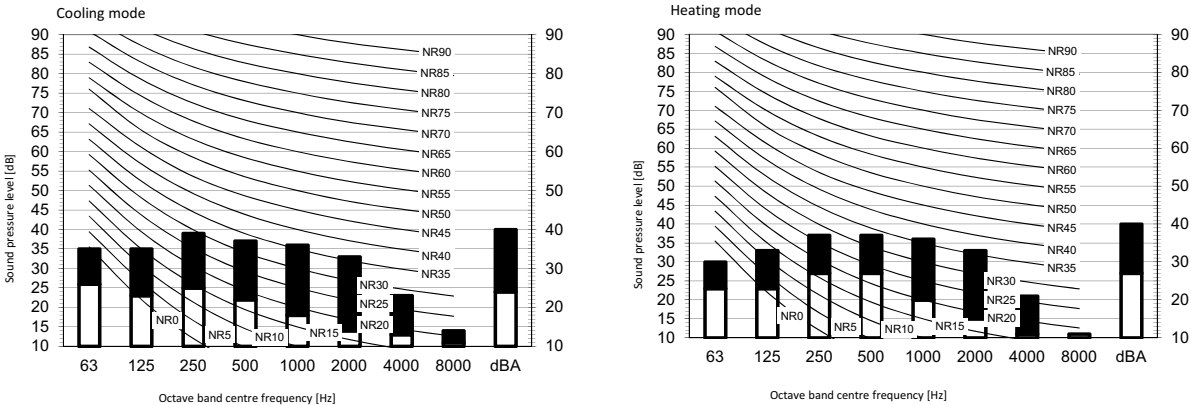
Notes
 1. Size: length 100 X width 120.

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8 Sound data

8 - 1 Sound Pressure Spectrum

ATXS20K



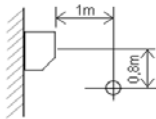
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap
C Low-tap

Location of microphone



Cooling

Total dB

A	B	C
dBA	40	24

Heating

Total dB

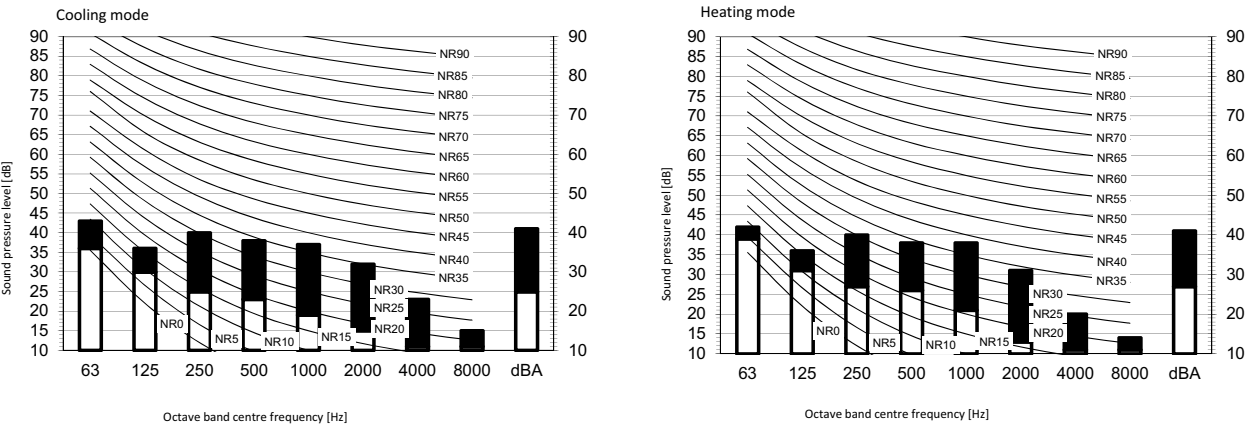
A	B	C
dBA	40	27

Notes

- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

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ATXS25K



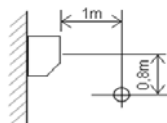
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap
C Low-tap

Location of microphone



Cooling

Total dB

A	B	C
dBA	41	25

Heating

Total dB

A	B	C
dBA	41	27

Notes

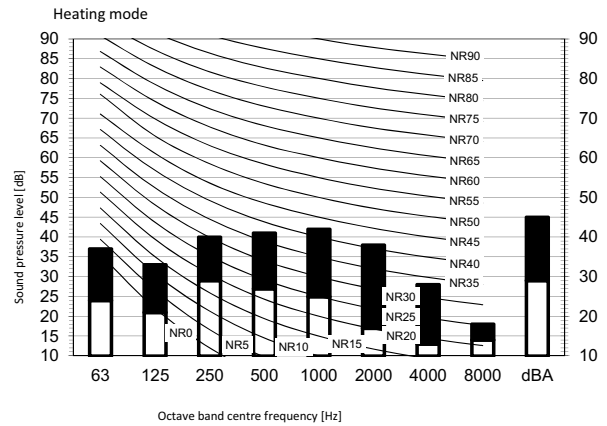
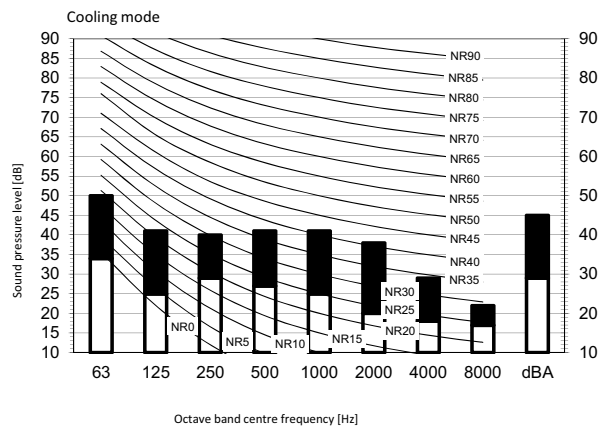
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

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8 Sound data

8 - 1 Sound Pressure Spectrum

ATXS35K



Legend

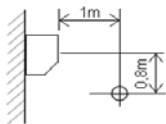
dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap

C Low-tap

Location of microphone



Cooling Total dB		
A	B	C
dBA	45	29

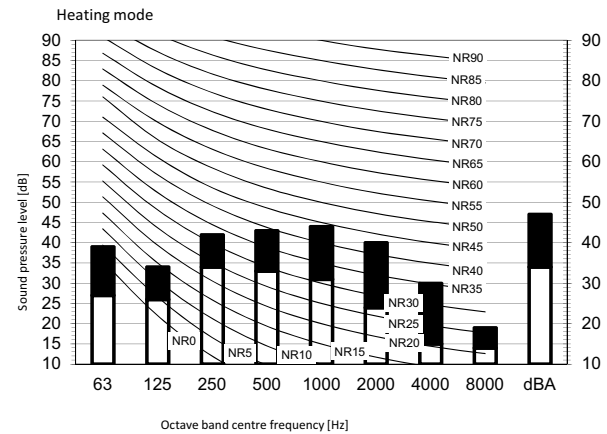
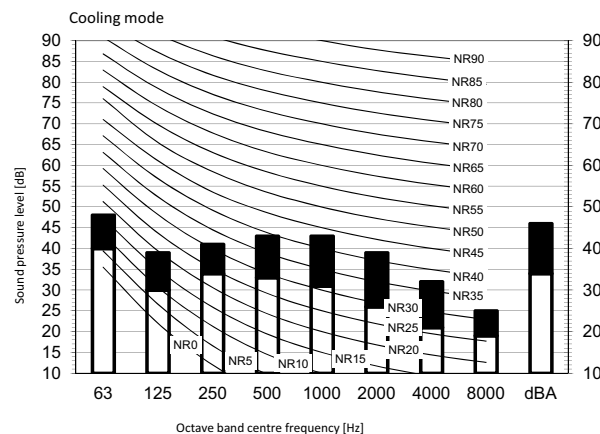
Heating Total dB		
A	B	C
dBA	45	29

Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

3D092365A

ATXS50K



Legend

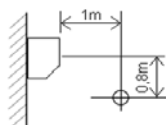
dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap

C Low-tap

Location of microphone



Cooling Total dB		
A	B	C
dBA	46	34

Heating Total dB		
A	B	C
dBA	47	34

Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

3D094018



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