



Air Conditioning

Technical Data

Wall mounted unit



EEDEN15-100

ATX-K

TABLE OF CONTENTS

ATX-K

1	Features	2
2	Specifications	3
	Technical Specifications	3
	Electrical Specifications	4
3	Options	5
4	Dimensional drawings	6
5	Centre of gravity	7
6	Piping diagrams	8
7	Wiring diagrams	9
	Wiring Diagrams - Single Phase	9
8	Sound data	10
	Sound Pressure Spectrum	10

1 Features

Discreet Siesta wall mounted unit providing high efficiency and comfort

- Discreet, stylish front panel blends easily with the wall, and matches all interior décors
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- Online controller (optional): control your indoor from any location with an app, via your local network or internet
- Dry programme allows humidity levels to be reduced without variations in room temperature

1



Energy saving during standby mode



Fan only



Auto cooling-heating changeover



Whisper quiet



Vertical auto swing



Auto fan speed



Fan speed steps



Dry programme



Titanium apatite photocatalytic air purification filter



24 hour timer



Infrared remote control



Wired remote control



Online controller via app



Multi model application

2 Specifications

2-1 Technical Specifications					ATX20K		ATX25K		ATX35K			
Power input - 50Hz	Cooling		Nom.		kW		0.018		0.020		0.024	
	Heating		Nom.		kW		0.022		0.023		0.290	
Casing	Colour					White						
Dimensions	Unit		Height/Width/Depth		mm		286/770/225					
	Packed unit		Height/Width/Depth		mm		305/830/360					
Weight	Unit				kg		8					
	Packed unit				kg		11				11.5	
Packing	Weight				kg		3				3.5	
Heat exchanger	Length				mm		610					
	Rows		Quantity			2						
	Fin pitch				mm		1.4					
	Stages		Quantity			18						
	Tube type					ø5 Hi-XB						
	Fin		Type			ML fin (Multi louver)						
Heat exchanger 2	Length				mm		-				600	
	Rows		Quantity			-				1		
	Fin pitch				mm		-				1.4	
	Stages		Quantity			-				4		
Air filter	Type					Removable / washable / mildew proof						
Fan	Type					Cross flow fan						
	Air flow rate	Cooling	High	m³/min	9.9	10.4		11.8				
				cfm	350	367		399				
			Nom.	m³/min	7.8	8.0		8.2				
				cfm	275	283		279				
			Low	m³/min	5.8	6.1		6.3				
				cfm	205	215		219				
			Silent operation	m³/min	4.8				4.9			
				cfm	170							
		Heating	High	m³/min	10.9	11.1		12.8				
				cfm	385	392		427				
			Nom.	m³/min	8.5							
				cfm	300				304			
			Low	m³/min	6.4	6.7		6.9				
				cfm	226	237						
			Silent operation	m³/min	5.2							
				cfm	184							
Fan motor	Model					MM6K11S20VA						
	Speed	Steps				5 + silent, + auto						
		Cooling	High/ Medium/Low/ Silent operation	rpm	980/800/640/550		1,020/820/660/550		1,140/840/680/560			
		Heating	High/ Medium/Low/ Silent operation	rpm	1,060/860/690/590		1,080/860/710/590		1,220/900/730/590			
Output	Rated		W		22							
Sound power level	Cooling				dBA		55				58	
	Heating				dBA		55				58	

2 Specifications

2

2-1 Technical Specifications				ATX20K	ATX25K	ATX35K
Sound pressure level	Cooling	High/Nom./Low/ Silent operation	dBA	39/33/25/20	40/33/26/20	43/34/27/20
	Heating	Super high/High/ Nom./Low/Silent operation	dBA	-/39/34/28/23	-/40/34/28/23	-/43/35/29/26
Control systems	Infrared remote control			ARC480A11		
	Wired remote control			BRC944B2 / BRC073		
Piping connections	Liquid	OD		6.35		
	Gas	OD		9.5		
	Drain		18			
	Heat insulation			Both liquid and gas pipes		
Temperature control				Microcomputer control		
Air direction control				Right, Left, Horizontal, Downward		

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Operation manual; Quantity : 1;

Standard Accessories : Infrared remote control; Quantity : 1;

Standard Accessories : AA 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;

2-2 Electrical Specifications				ATX20K	ATX25K	ATX35K
Power supply	Name			V1		
	Phase			1~		
	Frequency		Hz	50		
	Voltage		V	220-240		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.18	0.20	
		Heating	A	0.21	0.22	0.24

Notes

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

3

Options

3 - 1

Options

ATX-K

Indoor Units - Control systems

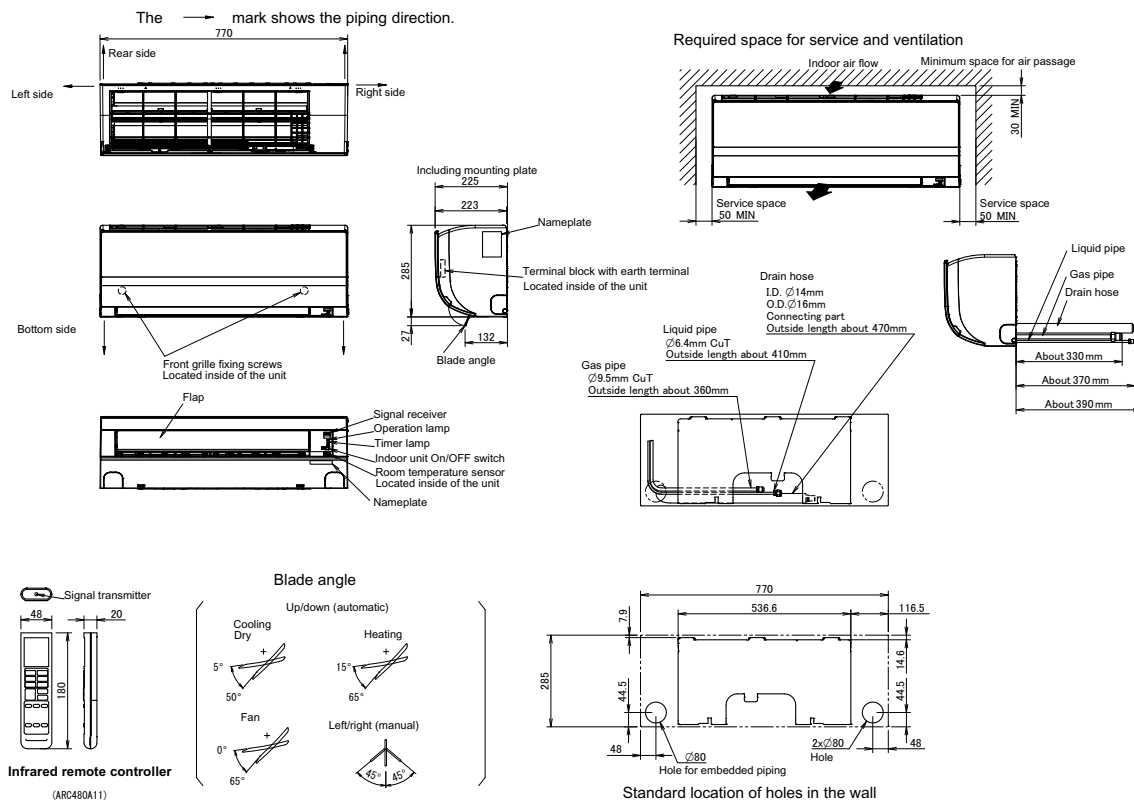
		ATX-K
Wired remote control		BRC944 (1) (2) BRC073 (1) (2)
Cord for wired remote control	3m	BRCW901A03
	8m	BRCW901A08
Anti-theft protection for remote control		KKF917AA4
Interface adapter for wired remote control		KRP067A41
Interface adapter for DIII-net		KRP928A2S (2)
Online controller		BRP069A43
Modbus gateway		RTD-RA (2)
KNX gateway		KLIC-DD (2)

(1) Cord for wired remote control BRCW901A03 or BRCW901A08 required.
(2) Interface adapter KRP980A1, KRP067A41 or KRP980B2 required.

4 Dimensional drawings

4 - 1 Dimensional Drawings

ATX-K

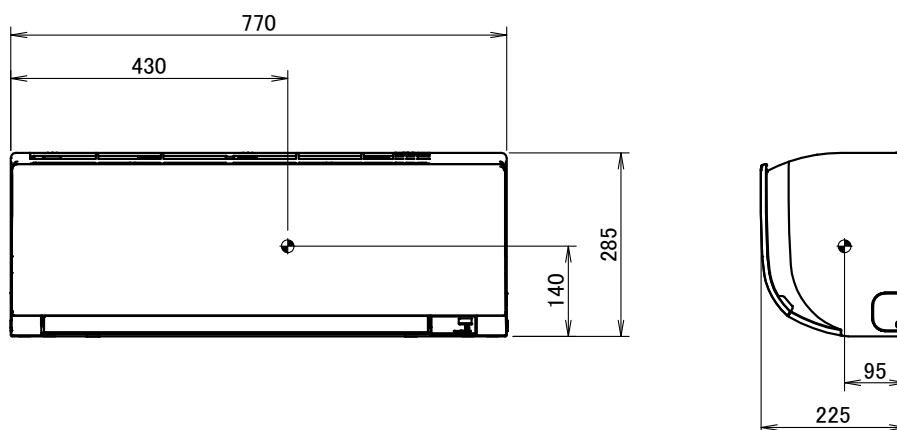


3D095753

5 Centre of gravity

5 - 1 Centre of Gravity

ATX-K



4D094235

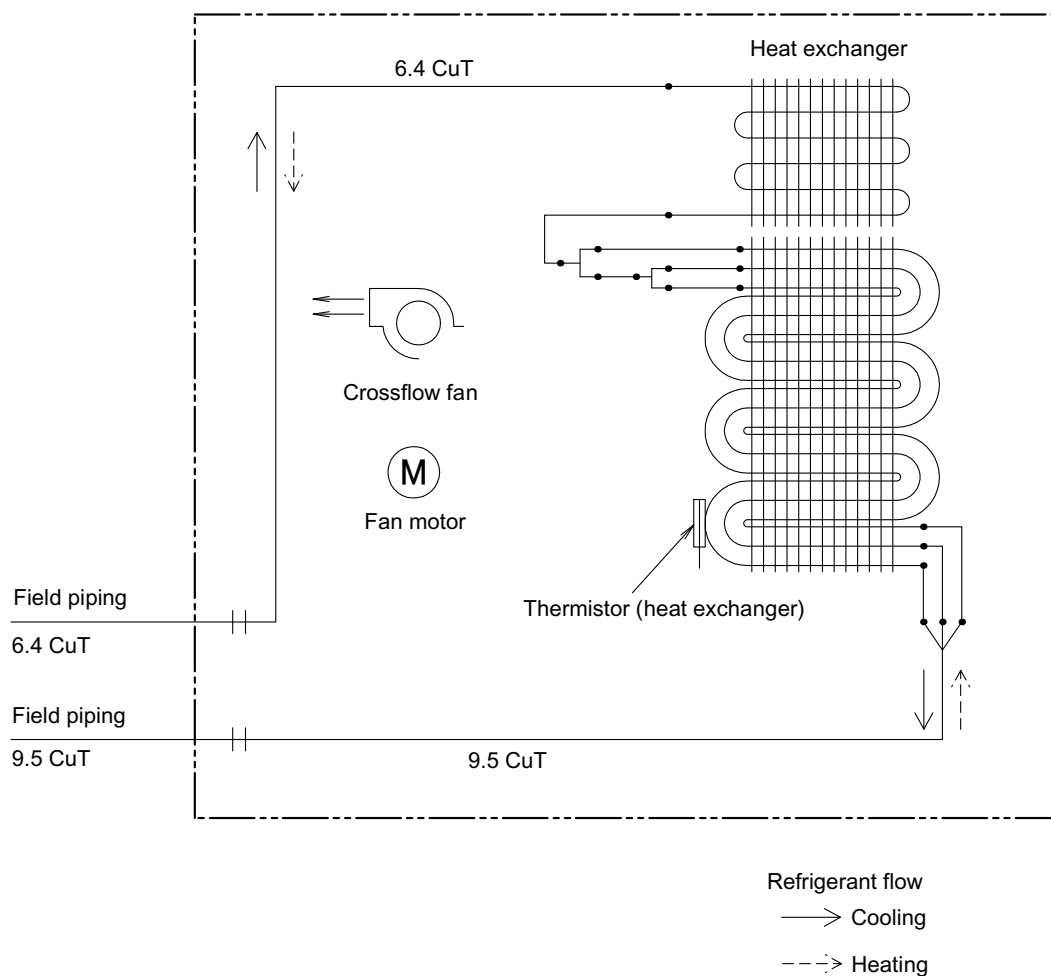
6 Piping diagrams

6 - 1 Piping Diagrams

ATX-K

6

Indoor unit

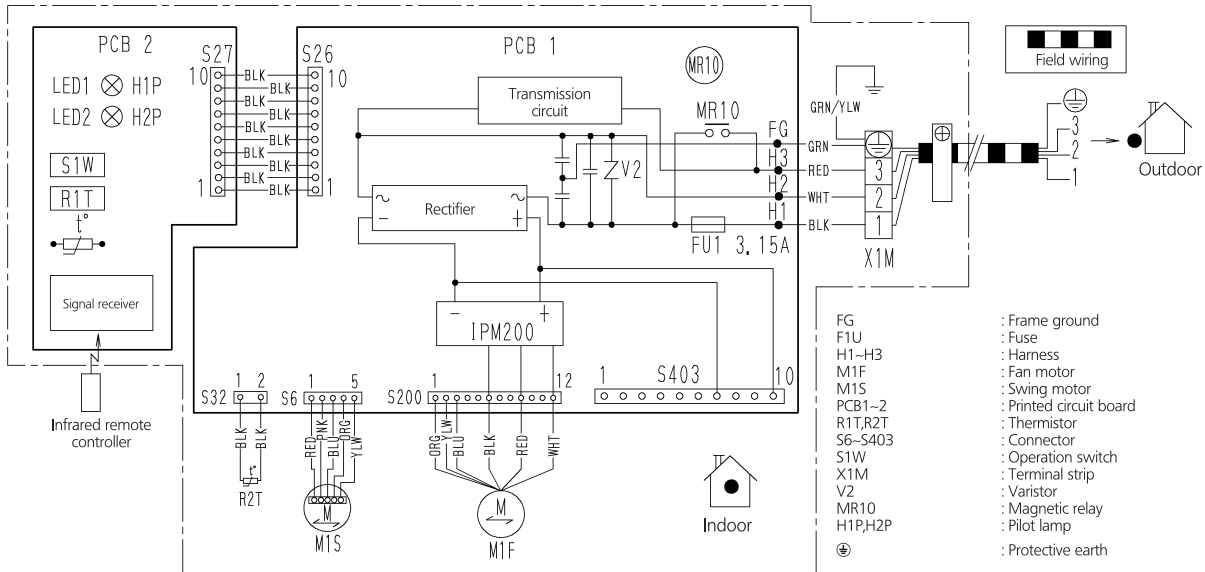


4D094181

7 Wiring diagrams

7 - 1 Wiring Diagrams - Single Phase

ATX-K



Notes

- 1 Size: length 65 x width 110
- 2 Refer to purchasing specification AS303002, unless otherwise specified.
- 3 This drawing was drawn on CAD system.

CAUTION

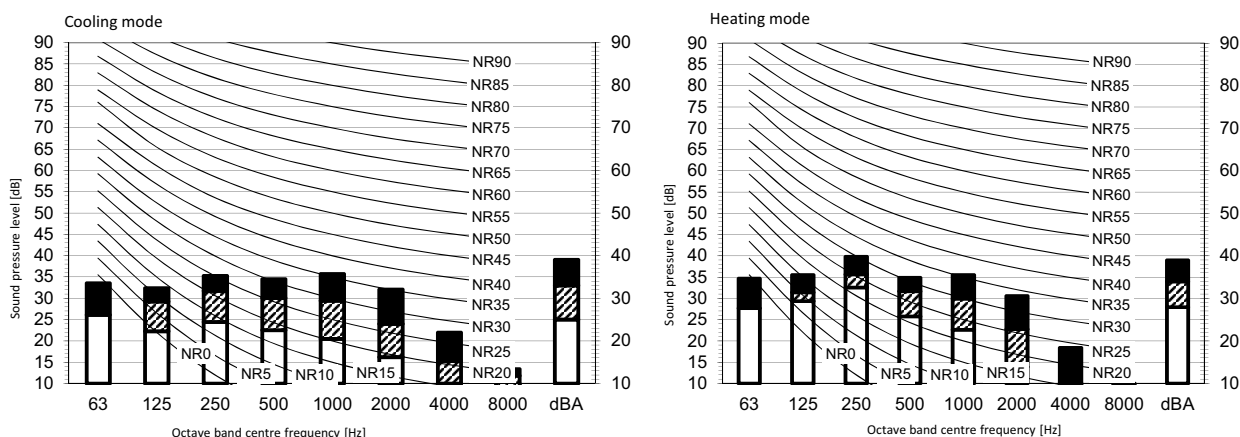
Notice that operation will restart automatically if the main power supply is turned off and then back on again.
High voltage - Be sure to discharge the capacitor completely before repair work.
Risk of failure or water leakage! Do not wash the inside of the air conditioner by yourself.

3D092505A

8 Sound data

8 - 1 Sound Pressure Spectrum

ATX20K



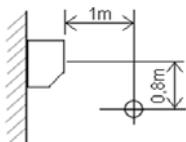
Legend

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

A Scale

- A High-tap
- B Medium-tap
- C Low-tap

Location of microphone



Cooling Total dB			
A	B	C	D
dBA	39	33	25

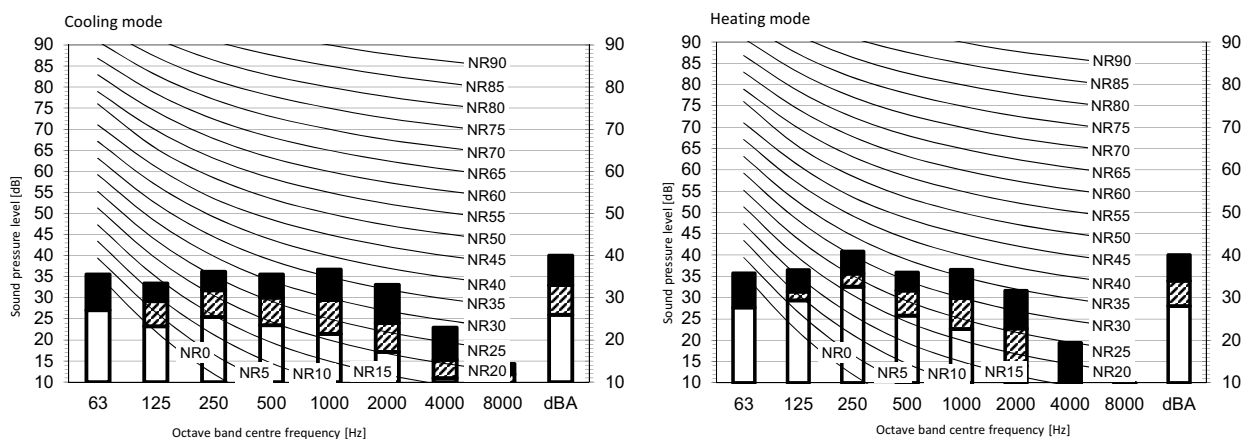
Heating Total dB			
A	B	C	D
dBA	39	34	28

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

3D095156

ATX25K



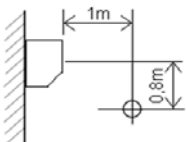
Legend

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

A Scale

- A High-tap
- B Medium-tap
- C Low-tap

Location of microphone



Cooling Total dB			
A	B	C	D
dBA	40	33	26

Heating Total dB			
A	B	C	D
dBA	40	34	28

Notes

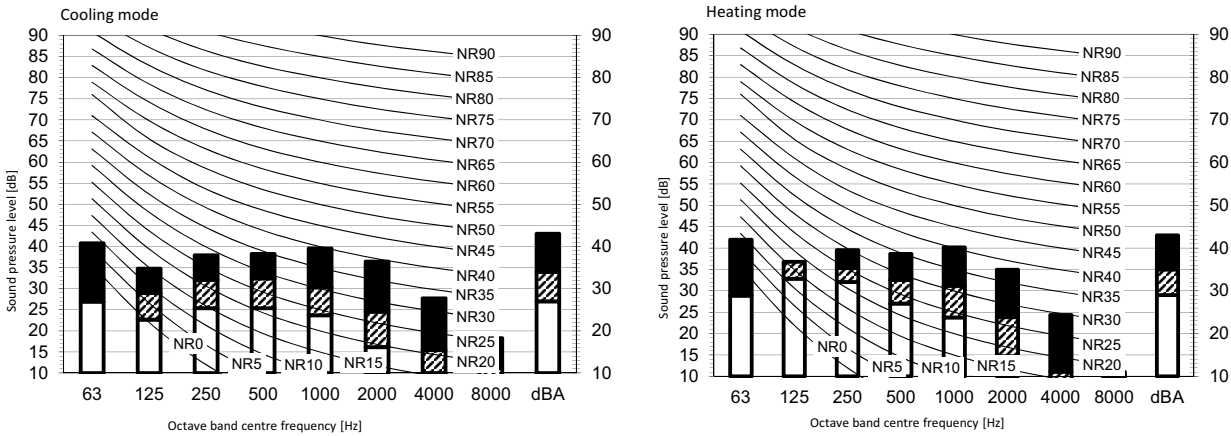
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

3D095157

8 Sound data

8 - 1 Sound Pressure Spectrum

ATX35K



Cooling				Heating			
Total dB				Total dB			
A	B	C	D	A	B	C	D
dBA	43	34	27	dBA	43	35	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

3D095158



Daikin Europe N.V. participates in the Eurovent Certification programme for Liquid Chilling Packages (LCP), Air handling units (AHU), Fan coil units (FCU) and variable refrigerant flow systems (VRF) Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.

BARCODE

Daikin products are distributed by: