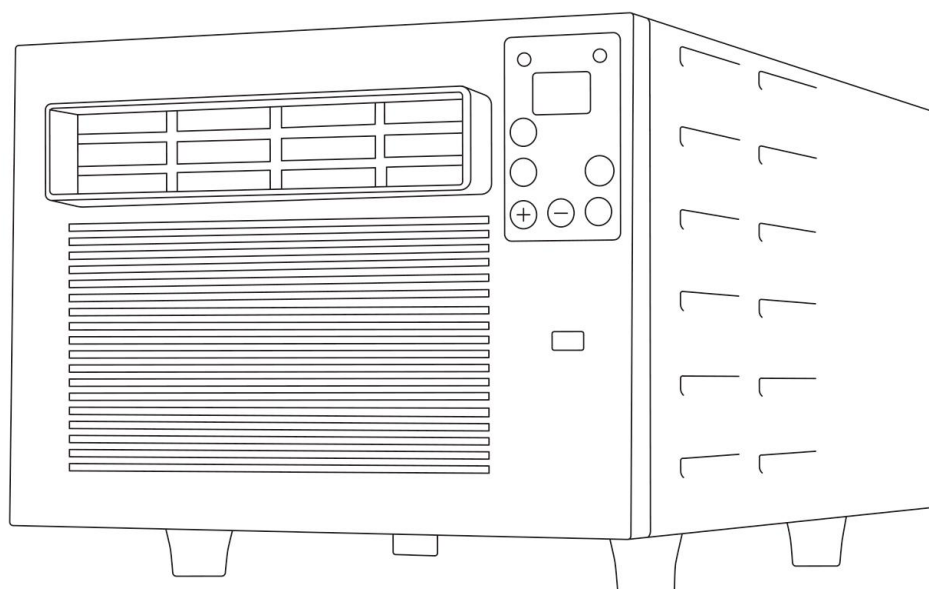


# Mosquito Net Air Conditioner



User Manual

K5

Thank you very much for choosing this brand of air conditioner. In order to use this air conditioner correctly, please read this manual carefully before use and save it for future reference.

If the instruction is lost, please contact the local dealer.

## Preface

This is a high-quality portable mobile air conditioner. This manual is a general version model. The machine you buy may be somewhat different from these descriptions, but it will not affect some of your basic operations and use. Please read the sections of the manual carefully against the machine you purchased and keep them properly for future use.

## Warning Matters

Use the appliance as described in the instructions for use guide.

- Like other electrical appliances, this instruction manual aims to include the warning of events as much as possible and the usual practices you need to use in the operation and installation of the appliance.
- Children or people without self-care ability are prohibited to use this product when unsupervised.
- The electrical appliance is designed for household indoor use, and can not be used for other purposes.
- If the power cord is damaged, it must be replaced by the manufacturer, service agent or equivalent organization to avoid danger.
- Any change or replacement of the appliance characteristics is very dangerous.
- If the appliance needs to be repaired, please contact the technical service center authorized by the manufacturer, adhere to the use of the original vulnerable parts, repair by unauthorized individuals are dangerous, and the warranty is invalid.

- The electrical appliance must be installed with grounding, and the internal circuit must be tested by the technical personnel with electrical qualification.
- Do not use the electrical appliance outdoors.
- Do not plug the air outlet and air inlet.
- Do not use any extension cables.
- Pull out the power plug before cleaning or maintaining the appliance. Do not pull the cable to move the appliance.
- Please do not install the electrical appliance in a room with natural gas, gasoline and sulfur, and it can not be installed close to the heat source.
- Do not use the electrical appliance on the slope ground.
- Be sure to maintain a distance of at least 45cm from flammable materials (such as alcohol) or durable containers (e. g. aerosol tanks).
- Do not place heavy objects or hot objects on the top of the machine.
- Clean the filter screen regularly.
- In the process of transporting the electrical appliance, please keep it vertical and place it on one side. When moving the electrical appliance, please empty the water in the water tank first. After the transportation, if you need to start it, please wait for half an hour.
- R134a / R410A / R290 is a refrigerant that complies with the relevant environmental standards. The cycle of the refrigerant in the electrical appliances is closed. After the end of the service life, please submit the electrical appliances to a special recycling center.
- Packages are recyclable, so it is recommended to place them in the corresponding waste sorting recycling bins.
- The installation of the electrical appliance must be consistent with the relevant national laws and regulations.

## Power connection

If you move the appliance, please restart it after half an hour. Before inserting the wire plug of the appliance into the power outlet, check:

- The main power supply system meets the power supply requirements marked on the nameplate of the electrical appliance.
- Power sockets and circuits are suitable for this appliance.
- To match the power socket and the plug, please replace a matching power plug with a qualified electrician.
- Power socket must have a grounding setting.
- Electrical cables must be replaced by the approved service personnel.
- The manufacturer is not liable for not to with the safety rule.
- If the appliance has Wi-Fi function, its transmission power is less than 20 dBm. The RF range is: 2412 MHz-2472 MHz.

## 1 Product Introduction

### 1.1 Product Overview

- The power supply of this product is 110VAC.
- The working mode of this product includes: refrigeration mode, sleep mode, dehumidification mode, air supply mode.
- This product consists of main board, remote control, display panel, sensor, compressor, internal and external motor, etc.
- This product has anti-freezing protection and compressor 3-minute protection, fault protection, power loss memory and other functions.
- The product is manufactured by default.

## 1.2 Product Specification

Model No.	: K5
Rated voltage frequency	: 110V / 220V
Cooling capacity	: 550W/ 1900BTU
Rated current	: 1.5A
Rated power	: 280W
Max. input current	: 2A
Max. input power	: 440W
Max. working pressure	
on suction side/exhaust side	: 0.6/2.6MPa
Max. allowable pressure	
on suction side/exhaust side	: 0.6/ 2.6MPa
Maximum working pressure	
of heat exchanger	: 2.6MPa
Circulating air volume	: 80m <sup>3</sup> /h
Refrigerant	: R134a/ R290
Protection against electric shock	: Class I
Noise	: $\leq$ 50dB(A)
Product size	: 42×23×28cm
Product net weight	: 9.5kg

## **2 Keynote Instructions**

### **2.1 [On / Off] key**

Press the [on / off] key to start up, and press the [on / off] key to enter standby;

### **2.2 [+], [-] keys**

In refrigeration mode, press [+] and [-] to adjust the set temperature;

### **2.3 [Dehumidifier] key**

Press the [Dehumidifier] key to turn on or off the dehumidification function;

### **2.4 [Timing] key**

Press the [timing] key to set the timing shutdown, press the [+] and [-] keys to adjust the timing shutdown time;

Press [time] to set the timing start, and [+] and [-] to adjust the timing start time.

## 3 Protection Instructions

### 3.1 Compressor Protection

The minimum time to start again after the compressor stops is 3 minutes. You do not need to wait for 3 minutes for the first power on. Before the power off, you do not need to wait for the power on again for 3 minutes, and you need to wait for 3 minutes after the power on on again.

The compressor shall run for at least 3 minutes after opening, even if the shutdown conditions are met, it does not run for 3 minutes, except for shutdown.

### 3.2 Fault Protection








Order number	Fault name	Fault code is static display	Fault description	Fault treatment	Explain
1	Indoor ambient temperature failure	E1	Sensor is open or short circuit	Halt	The query is displayed

Note 1: press the wind speed key and-key for 2 seconds to query the display fault; press the wind speed key and-key again for 2 seconds to exit the fault query, normal display, no power memory. After power failure, press the wind speed key and-key for 2 seconds to display the fault; at the same time, multiple faults are displayed in order.

### 3.3 Power-Off Memory

- Standby before power failure, or set the timing shutdown function, power on again and enter standby.
- Before the power is off, the original mode, set temperature, wind speed, temperature unit, water motor enabling switch, etc.

## 4 Accessories

Serial Number	Component Diagram	Part Name	Quantity
1		Air Conditioner Host	1
2		Remote Control	1
3		User Manual	1
4		Exhaust Duct	1
5		Adapter	1
6		Drain Pipe (Inner Diameter: 7MM)	1
7		Screw (M3 * 8)	2



## 5 User Instructions

1. After the machine is purchased, please place the machine for two hours according to the requirements of the direction of the arrow on the carton. After each shutdown, it should take at least 5 minutes to start the machine again.

2. Before using the machine, please distinguish the cold air end and the hot air end according to the logo on the machine. The air outlet on the top at both ends is the air outlet, and the bottom is the air inlet, and the air outlet is strictly prohibited to be blocked. Hot air outlet has an unobstructed space of at least 60 cm. Keep at least a 10 cm gap on both sides of the machine. Applicable ambient temperature is:

Unit	Minimum Cooling Ambient Temperature
Degree Celsius (°C)	32 (Refrigeration)
Degree Celsius (°C)	5 (Heating)

- The power supply meets the standard.
- The socket is alternating current.
- Never share the same socket simultaneously with other electrical appliances.
- Power supply and voltage requirements are AC110V, 50Hz.

Name and content of harmful substances in the product						
Part name	Hazardous material					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr (VI))	PBB (PBB)	Polybromodi phenyl ether (PBDE)
Compressor and accessories	X	O	X	O	O	O
Heat exchanger	O	O	O	O	O	O
Pipe parts and valves	X	O	O	O	O	O
Cryogen	O	O	O	O	O	O
Any power-generating or power-driven machine	X	O	O	O	O	O
Control box and electrical components	X	O	X	O	O	O
Power supply cord and connecting line	O	O	O	O	O	O
Fasteners such as screws and washers	O	O	O	O	O	O
Rubber parts	O	O	O	O	O	O
Other metal parts	O	O	O	O	O	O
Other plastic parts	O	O	O	O	O	O
Printed parts	O	O	O	O	O	O

This form is prepared according to the provisions of SJ / T 11364

O: Indicates that the content of this hazardous substance in all homogeneous materials of the component is below the limit requirements specified in GB / T 26572.

X: Indicates that the content of the harmful substance in at least one homogeneous material of the component exceeds the limit requirements specified in GB / T 26572. However, it is extremely difficult to make the product parts completely do not contain the above harmful substances according to the existing technical conditions, and the design will be gradually improved with the progress of technology.

## **6 Maintenance Services:**

### **Statement:**

1. Before cleaning, determine that the machine is not electrified.
2. Do not use gasoline and other chemical solvents to clean the machine.
3. Do not clean directly with water.
4. If the machine is damaged, please contact the local retailer or repair center.

#### 1) Filter screen

The filters were washed once a month. Method: As shown in the figure, use a small cross screwdriver to break the filter fixing screw, pull out the filter, and then soak it in 40°C warm water mixed with neutral lotion, wash the debris on the filter with a brush, and put it in a cool place. Then install it in the original position again and fix it with screws.

#### 2) Surface cleaning

Wipe with a neutral lotion or alcohol and wet cloth, and then dry with a dry cloth.

### **Save Method:**

Save at the end of the season

1. Shut down and unplug the power supply.
2. Wipe the surface of the machine with a damp cloth, and then dry it with a dry cloth.
3. Roll the power cord with a rope.
4. Slant the machine slightly to the side with the leakage hole and stand for half an hour until all the residual condensed water in the machine flows out.
5. Cover the machine with plastic bags and put it in a dry place.

### **Note:**

The real product will differ from that shown.

When a repair is needed, please contact the seller or a special repair site professional.

## 7 Troubleshooting

Hitch	Check up	Measure
The machine cannot be turned on	<ol style="list-style-type: none"> <li>1. Power-on?</li> <li>2. Is the plug come loose?</li> <li>3. Is it turned off?</li> <li>4. Is it not turned on?</li> <li>5. Does the internal cable come off?</li> </ol>	<ol style="list-style-type: none"> <li>1. Plug in</li> <li>2. Plug in the socket</li> <li>3. Reboot</li> <li>4. Tap the power switch button twice</li> <li>5. Open the large iron cover and plug in the connecting cable</li> </ol>
Poor cooling effect	<ol style="list-style-type: none"> <li>1. Is the filter screen covered in dust?</li> <li>2. Is the air inlet or air outlet blocked?</li> <li>3. Is the space too big or the doors and Windows are not concerned about good?</li> <li>4. Other heating equipment in the room?</li> <li>5. Is the exhaust pipe not well connected or is blocked?</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean the filter</li> <li>2. Clean up blocked objects</li> <li>3. Use and bed matching mosquito net, close the doors and Windows</li> <li>4. Remove heating equipment</li> <li>5. Reattach or clean the exhaust duct</li> </ol>
Leakage	<ol style="list-style-type: none"> <li>1. Is the host being placed horizontally?</li> <li>2. Gains or drain are blocked</li> <li>3. Too much accumulated condensate water</li> </ol>	<ol style="list-style-type: none"> <li>1. Place the host machine horizontally</li> <li>2. Clean the drains and drains</li> <li>3. Remove the condensate from the bucket</li> </ol>
Excessive noise and vibration	<ol style="list-style-type: none"> <li>1. Is the machine placed horizontally?</li> <li>2. Filter mesh blockage?</li> <li>3. Internal refrigerant flow?</li> <li>4. Whether other objects are placed or touched on the host machine?</li> <li>5. Inside the "Lingling" sound</li> </ol>	<ol style="list-style-type: none"> <li>1. The machine is placed horizontally</li> <li>2. Clean the filter</li> <li>3. This is a normal phenomenon</li> <li>4. Clean up useless things</li> <li>5. Find the after-sales department for repair</li> </ol>
Strange odor	Whether the machine is useless for a long time, the machine is placed for a long time, will absorb the smell of furniture, when the machine runs, the smell floats out of the machine.	Run the machine for 2 to 5 minutes, and the gas will disappear