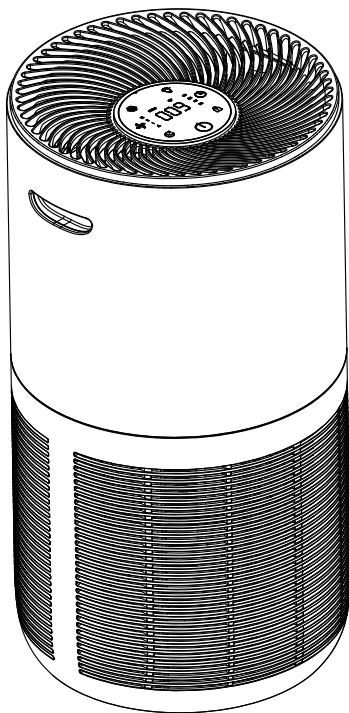


# AIRPLUS

## AIR PURIFIER

### USER MANUAL



Model: KJ450

The illustration of the appearance is just one example. The company reserves the right to make design changes to the product. The purchased product may have been improved and may not exactly match the illustration shown in the manual.

However, this will not affect the performance or usage method.

**Before use, please read the instructions carefully and follow the requirements stated in the instructions.**

**After reading, please store them properly for future reference.**



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# Safety Precautions

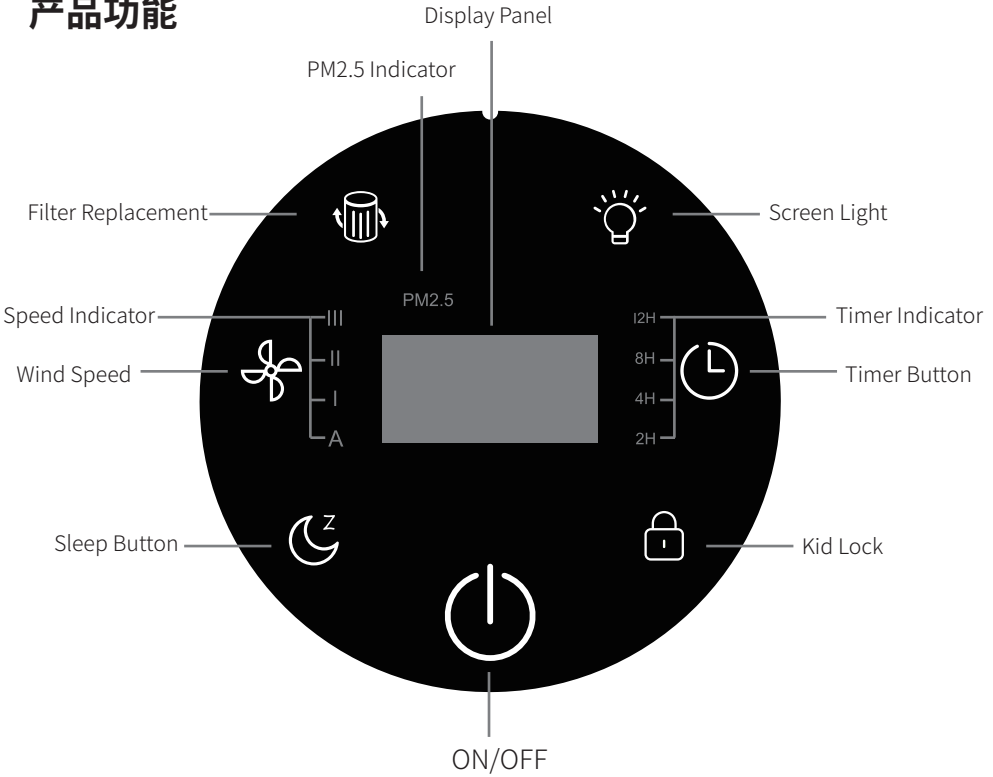
When using this product, you must comply with the following safety precautions and read the relevant instructions carefully!

 <b>WARNINGS</b>			
 Prohibited	<p><b>Do not place rods or other metal objects in the air outlet or openings.</b>                      Doing so may cause contact with internal parts, resulting in electric shock or injury.</p>	 Prohibited	<p><b>Do not use solvents such as benzene or thinners to clean the air disinfectant purifier, and avoid contact with insecticide sprays.</b>                      Otherwise, the air disinfectant purifier may crack and cause damage, or even short-circuit, resulting in electric shock or fire accidents.</p>
 Prohibited	<p><b>Do not use power supplies or connect devices that exceed the specified values. Only use 220V AC power.</b>                      Using universal sockets or devices that exceed the specified values may cause overheating and fire accidents.</p>	 Prohibited	<p><b>Do not use this air purifier and disinfectant in areas where there are oily particles.</b>                      For example, using it in a kitchen may cause the device to break and result in injury.                      This air purifier and disinfectant should not be used as a ventilation or exhaust device.</p>
 Prohibited	<p><b>Do not damage the power cord or socket.</b>                      When using this device, do not bundle the cord together. Damaged cords may cause electric shock, short circuits, or fires. Do not cut, modify, excessively twist, kink, or pull the cord, or place heavy objects on the cord socket.</p>	 Prohibited	<p><b>Do not use this air purifier and disinfectant in rooms where fumigants have been used.</b>                      Chemical residues may accumulate inside the machine and be released from the air outlet, posing a health hazard. After using fumigants, thoroughly ventilate the room before using this air purifier and disinfectant.</p>
 Prohibited	<p><b>Do not disassemble or modify this air purifier and disinfectant.</b>                      Disassembling or modifying electrical appliances may result in electric shock, malfunction, or fire.</p>	 Prohibited	<p><b>Before cleaning the appliance, make sure that the power supply has been disconnected.</b>                      Otherwise, the air purifier and disinfectant may suddenly start operating, causing electric shock and overheating, and even a fire.</p>

 <b>NOTICE</b>			
 Strictly Implement	<p><b>Do not touch the power plug with wet hands.</b>                      Doing so may result in electric shock.</p>	 Strictly Implement	<p><b>Do not use this air purifier and disinfectant in high-temperature, humid, or wet environments, such as bathrooms.</b>                      The air purifier and disinfectant may leak electricity, causing electric shock or fire accidents.</p>
 Strictly Implement	<p><b>Do not get the body wet. Do not get it wet!</b>                      Otherwise, it may cause electric shock and fire accidents due to short circuits.</p>	 Strictly Implement	<p><b>Do not allow volatile substances or combustible items, such as tobacco or sparks, to enter the machine.</b>                      Doing so may result in a fire accident.</p>
 Strictly Implement	<p><b>Please clean the power plug regularly.</b>                      If dust accumulates on the power plug, moisture may damage the insulated part of the plug, which could lead to a fire accident. Unplug the power plug and wipe it clean with a dry cloth. Do not use a wet cloth! If the appliance is not used for a long period of time, unplug the power plug.</p>	 Strictly Implement	<p><b>When unplugging the power cord, hold the plug and do not pull on the cord.</b>                      Pulling directly on the cord may cause a short circuit or damage to the cord, resulting in a fire or electric shock.</p>
 Strictly Implement	<p><b>Before starting the air purifier and disinfectant, please ensure that the plug is fully inserted into the power socket.</b>                      If the plug is not fully inserted into the socket, it may cause electric shock and overheating, and even lead to a fire accident. Never use a damaged plug or a loose power socket.</p>	 Strictly Implement	<p><b>When using this air purifier and disinfectant together with an electric heater, the room must be ventilated.</b>                      Otherwise, carbon monoxide poisoning may occur. This air purifier and disinfectant cannot remove carbon monoxide.</p>
 Note	<p><b>If this air purifier and disinfectant causes interference with radio or television reception, try one or more of the following measures to correct the interference:</b>                      1. Readjust or reorient the receiving antenna.                      2. Increase the distance between the air purifier and disinfectant and the radio/television receiver.                      3. Connect the power supply of this unit and the receiver to different sockets.                      4. For assistance, contact your dealer or a professional radio/television technician.</p>	 Note	<p><b>Before moving the air purifier and disinfectant, please disconnect the power supply.</b>                      Do not move the product by pulling on the power cord. Do not move the machine while it is running.</p>
 Note	<p><b>To ensure that the product achieves good circulation during operation, make sure that the distance between the air inlet and outlet of the product and any obstacles is no less than 35 centimetres.</b></p>	 Note	<p><b>Prohibited for use by unsupervised infants and disabled persons, and prohibited for children to play with.</b></p>

Note: The warranty will be void if the product is damaged due to improper use.

# 产品功能



## ⏻ ON/OFF

Power-on function: Lightly touch the power button . The indicator light turns on, the machine starts running, and the wind speed runs at the default level 2.

Power-off function: Lightly touch the power button to shut down the device, which will then enter standby mode.


## 🌀 Speed Mode

Gently press the wind speed adjustment button to cycle through the automatic mode, first gear, second gear, and third gear settings.

Automatic mode: The air purifier automatically adjusts the setting based on the PM2.5 monitoring data from the sensor. (The setting is not displayed.)


PM2.5 is 0-35ug/m <sup>2</sup>	Automatically adjusts to sleep mode
PM2.5 is 36-75ug/m <sup>2</sup>	Automatically adjusts to 1 mode
PM2.5 is 76-115ug/m <sup>2</sup>	Automatically adjusts to 2 mode
PM2.5 is >116ug/m <sup>2</sup>	Automatically adjusts to 3 mode

## Sleep Mode

Lightly touch the sleep button . The sleep mode button indicator light turns on, the fan speed is set to the lowest setting, and all lights turn off after 1 second.



Note: In sleep mode, lightly touch any key to restore the display, then press another key to activate the corresponding key function.

## Timer Function

1. Repeatedly tap the timer function button  to select the desired machine running time between 2h-4h-8h-12h.
2. When the timer function is running, the timer button indicator light illuminates. At the same time, the corresponding time display light also illuminates.
3. When the set time has elapsed, the machine will immediately shut down and enter standby mode.

Note: When the timer function is running, it does not affect the normal operation of other buttons. If the timer duration is changed while the timer function is running, it will restart counting based on the newly set duration. (When the timer is set to 6 hours, after 2 hours, the 4h indicator light will turn on, and the 6h indicator light will turn off.)

## Kid Lock

Kid lock function activation and deactivation: Press and hold the kid lock button  for 3 seconds. The kid lock indicator light will illuminate, and the machine will activate the kid lock function, locking the display and buttons so that no operations can be performed. Press and hold the kid lock button  again for 3 seconds, and the machine will exit the kid lock function, allowing the display and buttons to operate normally.




Note: When the screen display light is off, press any other button (except the power button) to turn the display light and ambient light back on.

## Screen Light Display Function

Light touch screen lighting control button , the screen display lights are off.

Note: When the screen display light is off, press any other button (except the power button) to turn the display light back on.

## Filter Replacement Reminder Function

1. The indicator light turns on, prompting the user to replace the filter cartridge.
2. After the light turns on, replace the filter cartridge and press and hold the filter cartridge replacement button  for 3 seconds. The indicator light will then turn off. Before the light turns on, the user should replace the filter cartridge on their own. After replacing the filter cartridge, first press and hold the filter cartridge replacement button  for three seconds. The indicator light will turn on. Then press  and hold for another 3 seconds, and the indicator light will turn off, indicating that the reset was successful.

Note: After the KJ450 has been running for 2000 hours, the filter element indicator light will illuminate.

## Ambient Light Indicator

Based on the sensor's monitoring of PM2.5 in the air, the ambient lighting uses different colours to alert users to the air quality.

PM2.5 is 0-35ug/m <sup>2</sup>	Ambient light display blue
PM2.5 is 36-75ug/m <sup>2</sup>	Ambient light display green
PM2.5 is 76-115ug/m <sup>2</sup>	Ambient light display orange
PM2.5 is >116ug/m <sup>2</sup>	Ambient light display red

Note: The air quality light (based on PM2.5 data) stays on for 5 seconds, then changes to a rainbow gradient running light for 10 seconds, and then changes back to the air quality light after 10 seconds, repeating the cycle.

## Cleaning and Maintenance

### Clean the Body

Use a soft cloth to wipe away stains.

For stubborn stains that are difficult to remove, use a soft cloth dipped in a moderate amount of neutral detergent to wipe them off

Notice: Avoid using hard objects that may scratch the machine casing during maintenance. When removing the filter cover, please follow the instructions in the manual to avoid damaging the machine components.

### Cleaning and Replacing the Filter

① The built-in programme reminds you when to replace the filter, but due to differences in the degree of pollution in the actual application environment, the service life of the filter will also vary. You can judge when to replace it in a timely manner based on the volume of the sound produced by the machine and the odour.

Recommendation: Clean the primary filter once every month. If the operating environment is poor, increase the cleaning frequency.

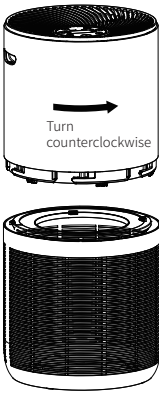
② When the HEPA filter reaches the end of its service life, it should be replaced in a timely manner to avoid affecting purification efficiency and effectiveness. (It is recommended to replace it every three months.)

\*Depending on the place of use and method of use (e.g., households with many smokers), the filter replacement cycle may be shortened. In any case, please replace the filter promptly when the effect is not satisfactory.

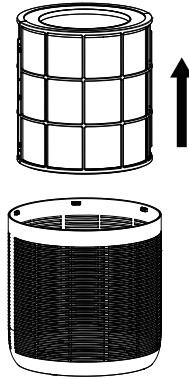
\*Please dispose of used filter screens as non-combustible waste.

### Cleaning the Pre-filter :

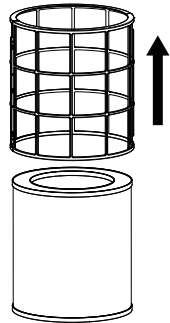
1、Press firmly and turn counterclockwise to open the machine.



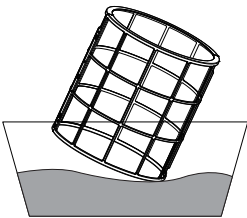
2. Remove the primary filter and HEPA filter.



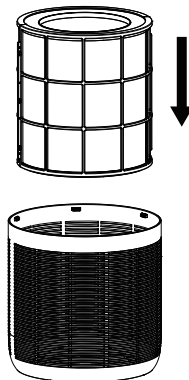
3. Remove the primary filter from the top.



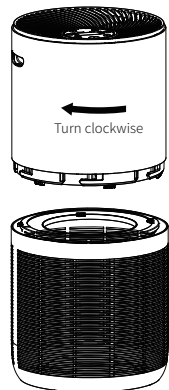
4. Clean the pre-filter



5. Reinstall the primary filter and HEPA filter into the machine after combining them.

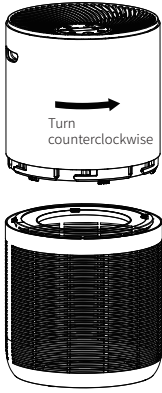


6. Press firmly and then tighten clockwise.

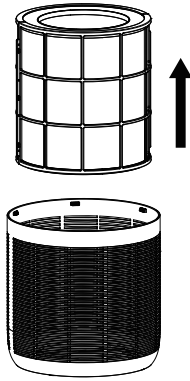


## Installation and Replacement of HEPA Filter:

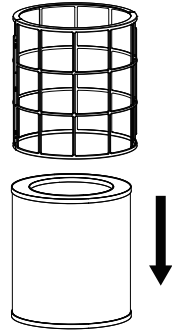
1. Press firmly and turn counterclockwise to open the machine.



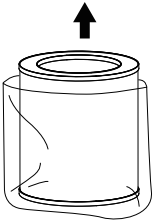
2. Remove the primary filter and HEPA filter.



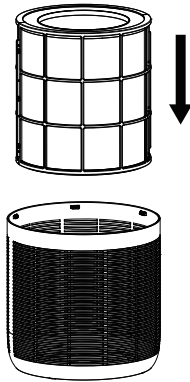
3. Remove the HEPA filter from the top.



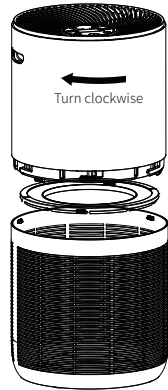
4. Remove the packaging bag from the HEPA filter or replace it with a new HEPA filter.



5. Reinstall the primary filter and HEPA filter into the machine after combining them.



6. Press firmly and then tighten clockwise.



## Product List

- Air Purifier\*1
- Instruction Manual\*1
- Pre-filter\*1 (already installed in the machine)
- HEPA Filter\*1 (already installed in the machine)

# Product Parameter

Model	KJ450
Adaptor	100-240V 50/60Hz 24V-2A
Rated Voltage	DC24V
Rated Power	38W
Working Area	32-55m <sup>2</sup>
CADR	450m <sup>3</sup> /h
Noise	≤66dB (A)
Product Size	275*275*520mm
Product Weight	4.5kg

# Troubleshooting

Fault Phenomenon	Possible Reasons	Solution
Bad touch of operation panel	Control panel damage	Please contact the customer service center or dealer for repairs.
The air index indicator panel is abnormal	Sensor failure	Please contact the customer service center or dealer for repairs
	The filter screen exceeds its service life	Replace the filter
	The window is not closed	Close indoor windows
Air volume small	The filter exceeds its service life	Replace the filter
	Damage of fan	Please contact the customer service center or dealer for repairs.
The air purifier machine will not start	No power	Put through power supply
The noise of the air purifier is too loud	Improper installation of filter	Check and install the filter in place
	Drage of impeler	Please contact the customer service center or dealer for repairs
Abnormal wind	Many impurities in the filter	Clean filter
Vibrates greatly	The wind wheel is damaged in the process of transportation	Please contact the customer service center or dealer for repairs.
Error E1	Electronic motor error	Please contact the customer service center or dealer for repairs.

# RoHS Explanation

Spare name	Harmful substances or elements						<p>○ Indicates that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirements specified in GB/T26572-2011.</p> <p>× Indicates that the content of the hazardous substance in at least one homogeneous material of the component exceeds the limit requirements specified in GB/T26572-2011.</p>
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE	
electronic motor	×	○	○	○	○	○	
electronic components	×	○	○	○	○	○	
metal parts	○	○	○	○	○	○	
plastic parts	○	○	○	○	○	○	
fan	○	○	○	○	○	○	
filter assembly	○	○	○	○	○	○	
rubber body	○	○	○	○	○	○	
Power cord and connecting cable	○	○	○	○	○	○	
sponge parts	○	○	○	○	○	○	
fasteners	○	○	○	○	○	○	



The environmental usage period of this product is 10 years. The environmental usage period of replaceable parts may differ from that of the product. The ‘environmental usage period’ is only valid when the product is used in accordance with the policies described in this manual.

# AIRPLUS

**DO NOT RETURN!**

**Please contact our customer service team for help first.**

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**E-Mail : [us.airplus@gmail.com](mailto:us.airplus@gmail.com)**

**[s.frankie@aoutkehome.com](mailto:s.frankie@aoutkehome.com)**

## **AIRPLUS Air Purifier**

Manufacturer: Ningbo Aquart Environmental Appliances Co., Ltd.

Manufacturing Address: No. 189, Songpu 2nd Road, Binhai Economic  
Development Zone, Longshan Town, Cixi City, Ningbo City, Zhejiang Province

Official Website: <http://www.airplus-world.com>

<b>订单号</b>	/
<b>文件名称</b>	450说明书 英 无WiFi版
<b>更新时间</b>	20250701
<b>版本号</b>	E-0.0.0
<b>尺寸规格</b>	143×210mm
<b>材质</b>	128g铜版纸
<b>印刷要求</b>	单色印刷