

SIZE:142x210mm

材质：128克双铜

骑马钉装订

Healthy Air Purifier HA500

Operating Manual



Manufactured by Healthy Air Technology Ltd (UK)

Product name: Healthy Air Purifier (HA500)

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Dear users,

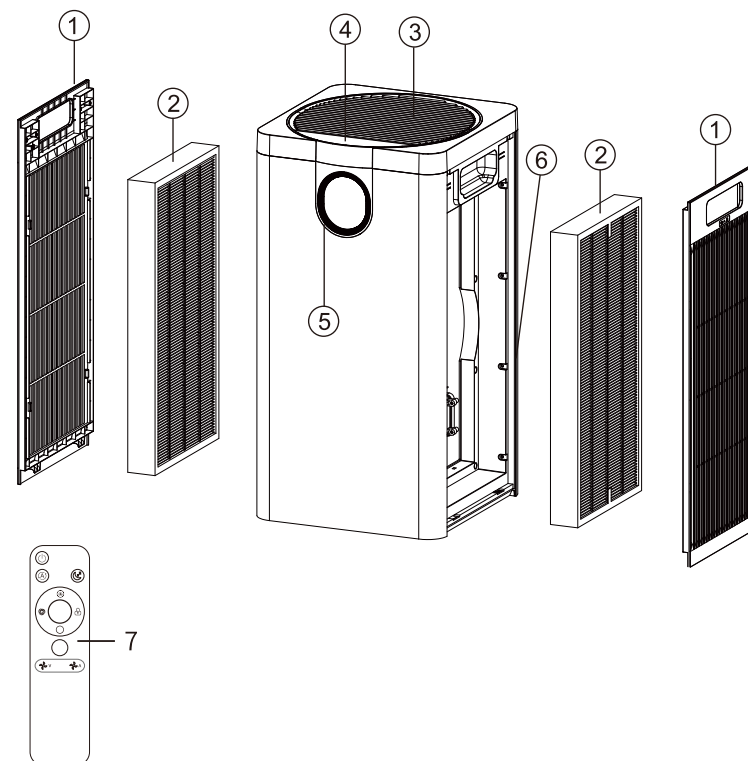
Welcome to Healthy Air! Thank you for choosing to purchase your Healthy Air Purifier. For the best user experience, please read the entire operating manual carefully prior to first use and keeping a safe place for future reference.

Healthy Air Technology Ltd was founded by scientists from Catalysis Research Centre, Oxford University. We are committed to providing innovative, pure, safe and healthy air cleansing solutions. The core of our D-orbital Nano Oxide (DNO) pollution-erasing technology is a series of patented and advanced, environmentally friendly high-efficiency catalysts that use quality specific surface area carriers modified to support active oxide materials. The catalyst can convert harmful pollutants into harmless substances (including water, Oxygen and Carbon Dioxide) with no risk of secondary release later, and completely remove pollutants from the air, including odour, bacteria, viruses, pollen, NOx, SOx, ozone, formaldehyde, VOC, ammonia, H2S, CO, benzene and PM2.5. Our technology is particularly suited to those living in densely populated urban areas as our machines will provide a better indoor air quality, all with the aim of producing healthier living and working environments.

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Chapter 1- Name and structure of product parts

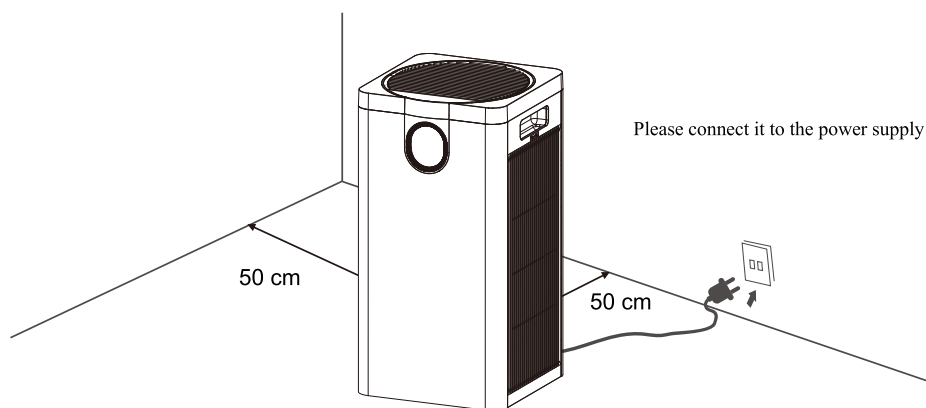


- | | |
|--------------------------|--|
| 1. Filter cover | 2. High efficiency composite filter |
| 3. Air outlet | 4. Touch panel |
| 5. Digital display panel | 6. Sensor (On the back of the machine) |
| 7. Remote control | |

Chapter 2-Product safety instructions

To ensure safe use of the machine, please read the following safety instructions carefully before use.

- ① Please insert the power cord of the machine into the proper power socket. (See figure below)
- ② For best results, please place the air purifier 50 centimeters (20 inches) from the nearest vertical surface, such as a wall or cabinet. In general, the more centered the air purifier, the better. (See figure below)




- ③ Place the air purifier close to the power outlet, and make sure the power cord does not create a barrier that can cause a tripping hazard.
- ④ Do not use this machine in places with inflammable and explosive articles.
- ⑤ Do not use outdoors or on wet ground.
- ⑥ Please place the machine on smooth, level ground or a table. Do not put it on the edge of the table or on an uneven surface to avoid accidental tipping and damage to the machine.
- ⑦ If the power cord is damaged and needs to be replaced, please contact our professional staff for replacement.
- ⑧ Do not block the air outlet when using, so as to avoid damage caused by overheating of the machine. Do not use near soft objects, such as curtains.
- ⑨ Do not put your fingers or other objects into the air outlet of the machine to avoid damaging the machine or causing personal injury.

Chapter 2-Product safety instructions

- ⑩ Do not use in the vicinity of explosive materials, flammable liquids or gases, and do not use in the vicinity of heating or high temperature materials, which may become the cause of fire risk or fire hazard..
- ⑪ Keep your hands dry when removing the power and moving the purifier.
- ⑫ When the product is not in use, please store it in a safe, cool and dry place and avoid direct sunlight.
- ⑬ Do not use gasoline, chemical agents and other flammable cleaners for cleaning, so as to avoid damage to the machine.
- ⑭ Remove the power plug before cleaning the machine, replacing or cleaning the filter.
- ⑮ Remove the plug from the socket for safety if it is not in use for an extended time.
- ⑯ Do not modify, disassemble or repair the machine without authorization. In case the machine breaks down and needs to be repaired, please contact our after-sales service center in time.

Before using the machine, please remove the packaging of the machine and all the filter, and ensure that the filter of the machine is installed correctly according to the requirements of the operating manual.

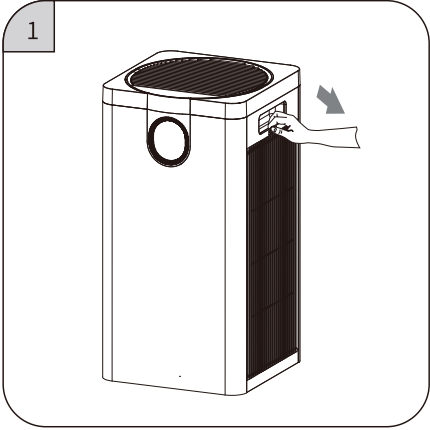
Chapter 3-Product specifications and performance parameters

Product name	Air purifier	Product model	HA500
Power	45W	Voltage/Frequency	220V-/50HZ
Noise	64dB (A)	CADR _(PM)	500m ³ /h
CCM _(PM)	P4	Purification efficiency _(PM)	High efficiency grade
Net weight	8.48kg	Product size	290x290x560mm
Executive standard	GB4706.1-2005GB4706.45.2008 GB/T18801-2015		

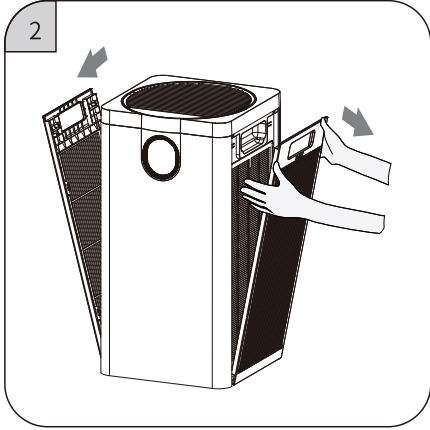
* The above performance index data were obtained in the third-party laboratory according to the national standard GB/ t18801-2015 by taking specific soot particles or gaseous pollutants as target pollutants.

Chapter 4--Product operating instructions

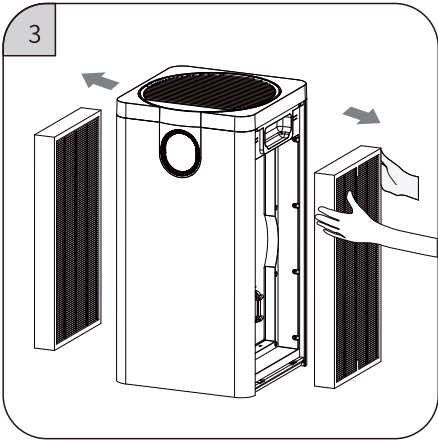
Warm prompt: Before using the machine, install the filter correctly according to the following methods



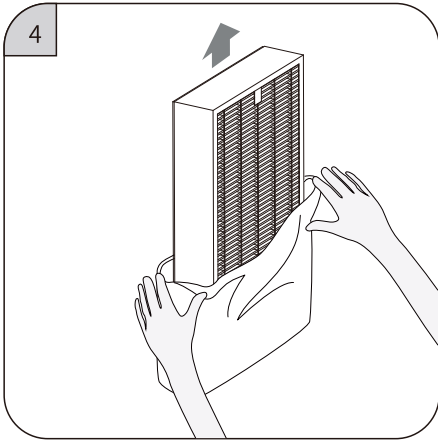
①Place your hands on the handle of the filter cover and pull gently outward.



②Lift up and remove the filter cover.

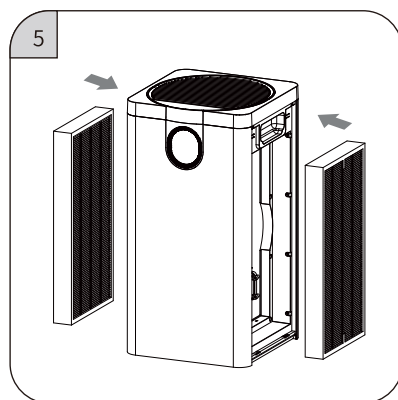


③Remove the filter on both sides separately

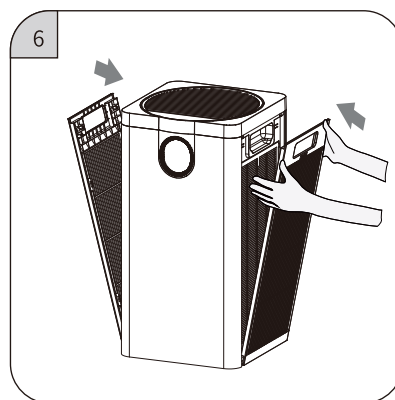


④ Remove the filter packaging film.

Chapter 4--Product operating instructions



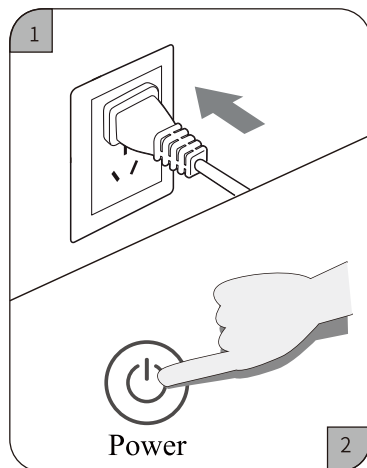
⑤ Install the new filter that has been removed the packaging film separately.



⑥ Install the filter cover separately

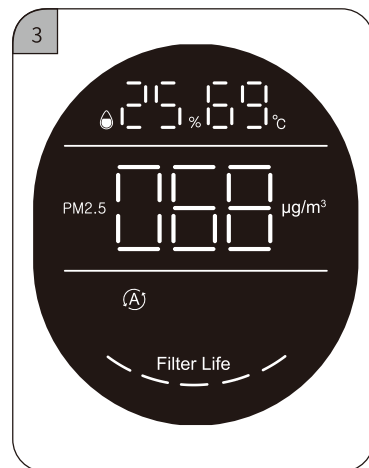
Warm prompt: Both sides of the machine are equipped with a filter. The method of disassembly and installation is the same.

Start using



① The buzzer makes a "ding" sound when the machine is powered on.

② Touch power switch to start

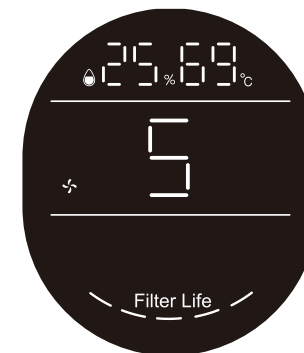


③ When the screen lights up, the machine goes into operation.

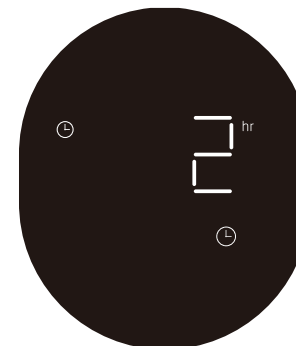
Chapter 5--Display panel instructions



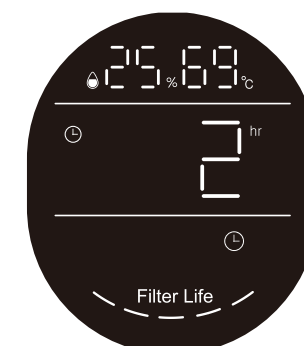
PM2.5 display status



Air speed display status



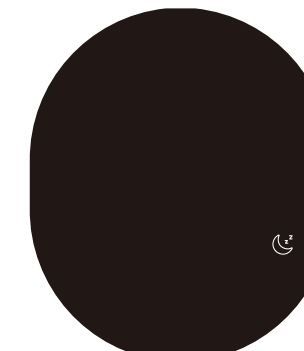
Power-on by alarm display status



Power-off by alarm display status









Time less than 1 hour minutes display



Sleep display status

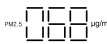
Chapter 6--Display status instructions

Display Signs and meanings

Sign	Sign name	Meaning
	Auto mode	Sign lights up to indicate auto mode, the fan speed is automatically selected dependent on the detected levels of air quality. When not displayed, the machine is in manual mode and fan speed may be selected by the user.
	Child lock mode	Child lock is engaged. Whilst the child lock is on all other keys will be disabled.
	Negative ion mode	Sign is on to indicate that the negative ion mode is on, sign off indicates that the negative ion mode is closed.
	Timer mode	Sign on indicates Timer function on
	Sleep mode	The machine is in sleep mode. All other icons on the screen will dim and after 10 seconds this display icon will also turn off.
	Filter life tips	Easy to read system to show Filter Life. Will flash to remind user to replace the filters when reaches 10% life.





PM2.5 Display instructions

It takes about 10 seconds for PM2.5 to preheat up after each power failure. When it is turned on in standby mode, PM2.5 is displayed by default before the last shutdown, and then in real time according to air pollution changes.

PM2.5 Index	Index value (Hg/m3)	Air quality grade	Grade color
	000-035	Excellent	Green
	036-75	Good	Yellow
	>76	Poor	Red





Chapter 7--Functional operation and instructions

Key Operation

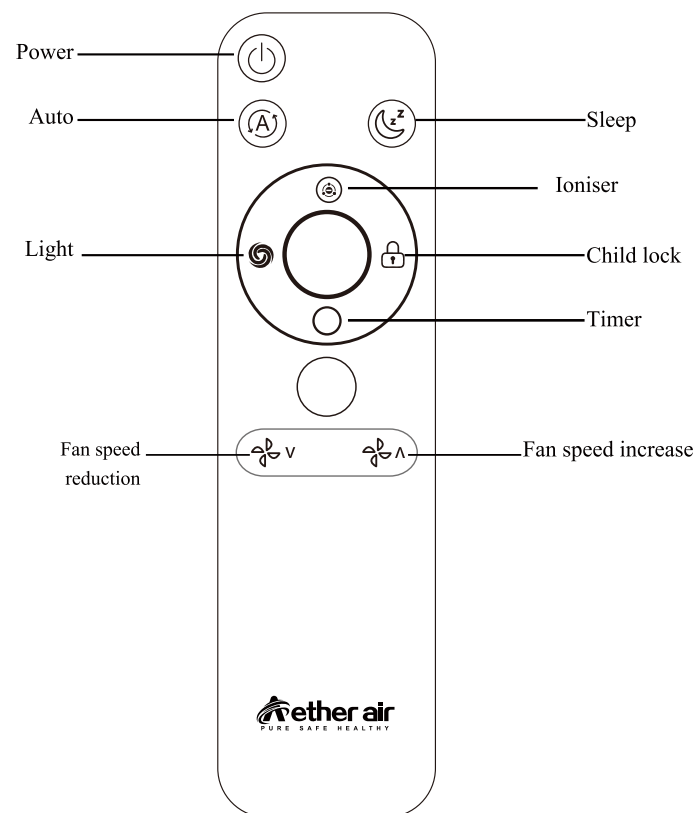
Sign	Name	Meaning
	Power key	In standby, touch the power button once to turn on; touch the power button again to return to standby red in standby state; The power indicator flashes red in standby and is white when in use.
	Auto mode key	In the working state, touch the auto mode key, working mode switches back and forth between auto and manual; in auto mode, the auto mode indicator light and the automatic mode function indicator light are on, and in manual mode, auto mode indicator and auto mode function indicator are off.
	Fan speed mode key	Touch the fan speed button when working. The display screen switches from the PM2.5 display state to the fan speed setting state. The fan speed function indicator lights up. Each time the fan speed key is touched, the speed gear indicated in the display area will be +1 on the basis of the current value, and the motor fan speed gear will cycle successively between 1-5-1. . Once the desired fan speed has been reached, release the button to lock in setting and after 3 seconds the machine will switch back to PM2.5 display status. By manual adjusting the fan speed, the machine will switch from automatic mode to manually override the suggested setting.
	Sleep mode key	In working state, press the button to enter sleep mode. All other indicators, icons and value displays will turn off except the sleep mode indicator and the sleep mode function indicator. After 10 seconds, the sleep indicator goes off, and the sleep mode function icon remains long and bright. In sleep mode, press any function key to exit sleep mode. In the working state, press the sleep mode button (more than 3 seconds) to enter the "off screen" mode, all indicator lights, icons and values are off, and the machine continues to run in the "off screen" mode (the running state of the machine remains unchanged).

Chapter 7—Functional operation and instructions

Key Operation

Sign	Name	Meaning
	Ioniser key	In the working state, touch the negative ion key to switch the air ioniser on and off state. The negative ion indicator light and the negative ion function indicator light are on to indicate that the negative ion function is on. Anion indicator and anion function indicator off means that the anion function is off.
	Filter reset key	When the filter life indicator bar is left with one grid and starts to blink, the button light flashes to remind the user to replace the filter. When the user replaces the new filter, press and hold the button (more than 3 seconds) to reset the new filter until the button is off and the filter life indicator is full. When the filter life is 10% >, touching or pressing and holding the key cannot reset the filter, and the machine will give out a "ding" sound.
	Timer mode key	In standby mode, press the timing key to enter the timing startup setting. In the working state, touch the timing key to enter the timing shutdown setting. Set the timing time to "0" to cancel the timer function.
	Child lock mode key	In the working state, press and hold the child lock key (more than 3 seconds) to enter the child lock state, the child lock indicator light and the child lock function indicator light are on, and touching all function keys is invalid. In the child lock state, press and hold the child lock button (more than 3 seconds) to remove the child lock state, and the child lock indicator and the child lock function indicator will go out.

Chapter 8--Use and instruction of remote control



Warm Prompt

1. Before using the remote control for the first time, please take out the power insulation of the remote control.
2. When using the remote control, it is recommended not to be more than 6 meters away from the machine.
3. Closing light function: In the state of power-on, press light key 1 time, all lights are off, other functions remain unchanged; and press the button again and all the lights return to their original state.
4. Timer function: In the state of power-on, press the timer button to set the timed shutdown function.

Chapter 9--Daily maintenance and cleaning instruction

Product cleaning and maintenance

In order to achieve the ideal purification effect, according to the different use environment, we suggest you clean the filter every 1-2 months.

- Before cleaning or replacing the filter, make sure to turn off the machine and unplug the power.
- Don't immerse the machine in water or any other liquid.
- Do not clean any part of the machine with a corrosive or inflammable cleanser such as bleach or alcohol.
- **Composite filter cannot be washed with water.**

Machine body cleaning

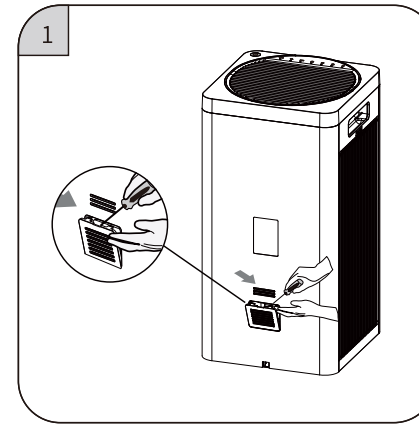
Clean the inside and outside of the machine regularly to prevent dust accumulation

1. Use a soft dry cloth to remove dust from the machine body
2. Use a soft dry cloth to clean the air inlet and outlet.

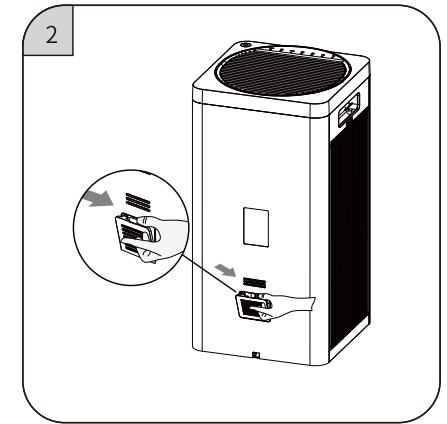
Chapter 10--Cleaning sensor instruction

Cleaning sensor

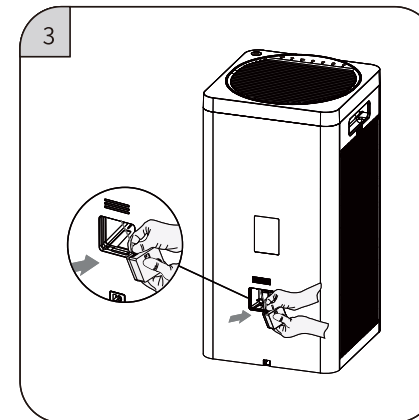
To ensure that the machine can maintain sensitive and stable operation, we recommend you clean the air quality sensor every 1-2 months. (The sensor is located on the back of the machine)



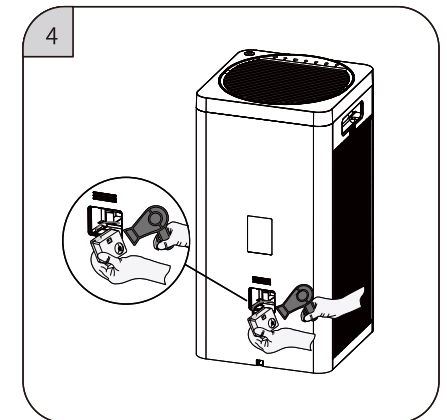
① Use a straight screwdriver to pry the sensor protection cover on the back of the machine



② Remove sensor protection cover

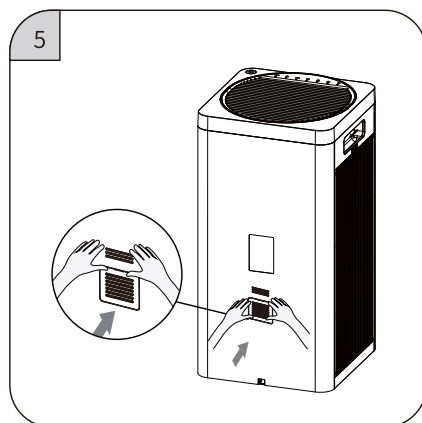


③ Gently pull out the sensor



④ Please use a hairdryer (cold air) to blow into the detector for 1-2 minutes to remove the dust inside.

Chapter 10--Cleaning sensor instruction



⑤ After the sensor is dried, put it back to the original position. Then press and hold the buckle position on the top of the protective cover and install it back forcefully.

Chapter 11--Troubleshooting guide

This chapter summarizes the problems that may be encountered when using this air purifier. If you are unable to resolve the problem based on the information below, please contact the customer service center.

No.	Troubles	Please check	Handling method
1	Machine won't start	If the power button light does not work, please check whether the power plug is plugged in.	Please replug the power
		Is the socket connected and in good contact?	
		Is the filter panel properly installed and stuck in the correct position?	Install the filter panel correctly and make sure the card is in the correct position
2	When the purification function is turned on, the sound is dull and the wind is small	Are the strainer packages removed?	Remove the package and reinstall it according to the instruction
		Is there any foreign matter blocking the air outlet or inlet?	Turn off the machine and clean up the blocked foreign matter
3	Peculiar smell in outlet	Is the new machine just out of the box?	It is normal that the smell of the new machine will disappear after a period of time
		Are there large amounts of odors produced temporarily? Such as there are many people smoking	After running the machine for some time, the smell will gradually disappear
		Does the filter absorb too much odor and smoke mold?	Clean or replace any filter that needs to be replaced
		The filter has reached the accumulative replacement time	

Chapter 11--Troubleshooting guide

No.	Troubles	Please check	Handling method
4	Sleep automatically in a non-dark environment	Whether any foreign matter is blocked on the top of the light sensor	Remove the foreign matter
5	PM2.5 value is always high, difficult to reduce	Is it used with humidifier?	Please turn off the humidifier
6	No power	1.Is the power cord damaged? 2.Is the power turned on at socket?	1. If the power cord is damaged, in order to avoid danger, it must be replaced by a professional from the manufacturer, distributor's maintenance department, or similar department. 2. Turn on the power at power socket