

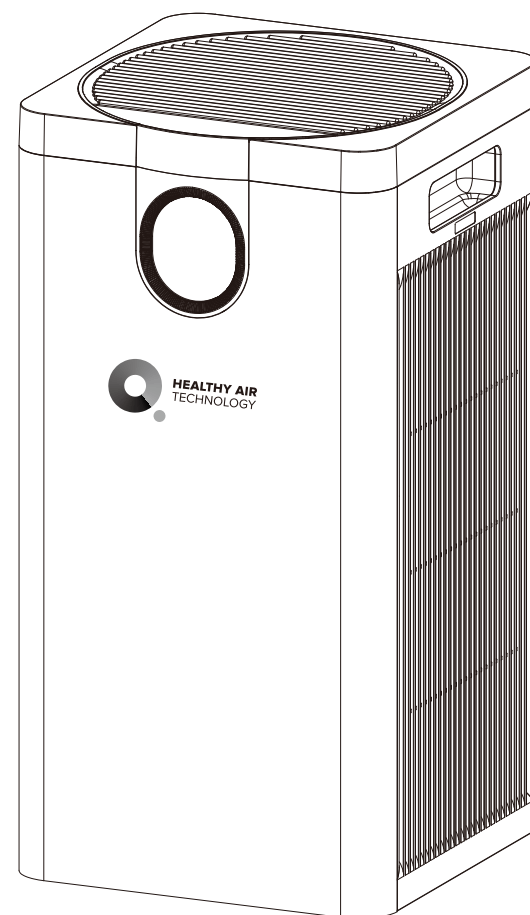
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Healthy Air Purifier HA500

Operating Manual



Manufactured by Healthy Air Technology Ltd (UK)

Product name: Healthy Air Purifier (HA500)

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Dear users,

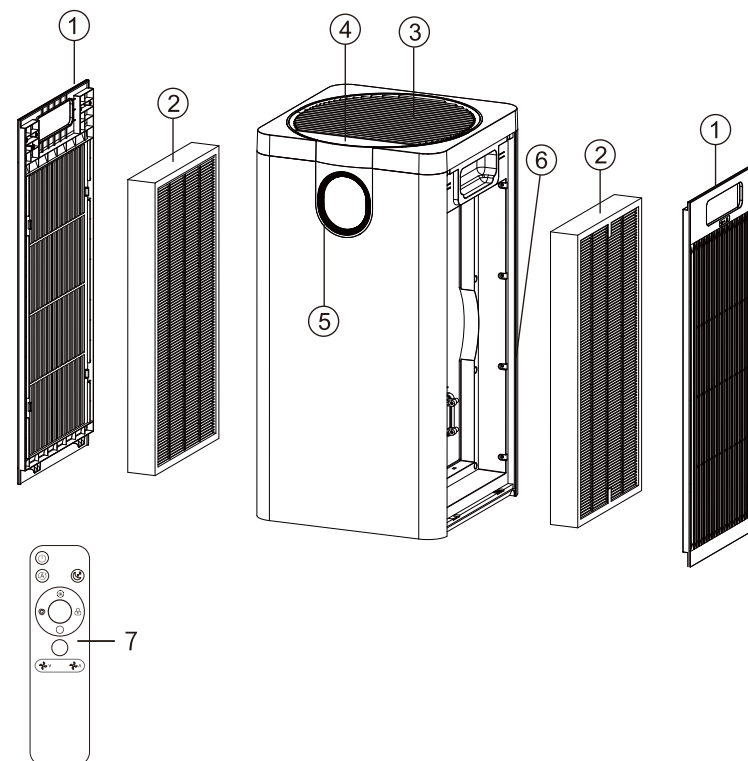
Welcome to Healthy Air! Thank you for choosing to purchase your Healthy Air Purifier. For the best user experience, please read the entire operating manual carefully prior to first use and keeping a safe place for future reference.

Healthy Air Technology Ltd was founded by scientists from the scientists working on catalysis at the Department of Chemistry at the University of 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, high 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. These include odour, bacteria, viruses, pollen, NO_x, SO_x, ozone, formaldehyde, VOC, ammonia, H₂S, CO, benzene and PM_{2.5} . Our technology is particularly suited to those living in densely populated urban areas as our machines will provide a better indoor air quality, with the aim of producing healthier living and working environments.

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Chapter 1- Name and structure of product parts

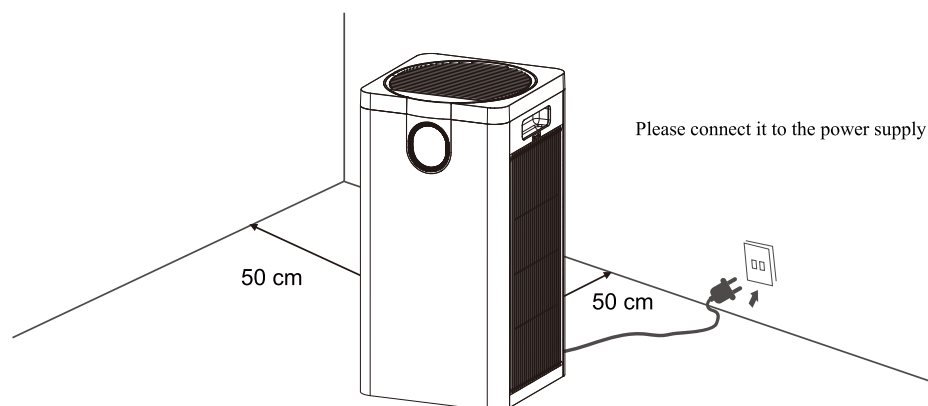


- | | |
|--------------------------|--|
| 1. Filter cover | 2. High efficiency composite filter |
| 3. Air outlet | 4. Touch panel |
| 5. Digital display panel | 6. Sensor (On the back of the machine) |
| 7. Remote control | |

Chapter 2-Product safety instructions

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

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



- ③ Place the air purifier close to the power outlet, and make sure the power cord does not cause a tripping hazard.
- ④ Do not use this machine near flammable and explosive objects.
- ⑤ Do not use outdoors or on wet ground.
- ⑥ 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 so as 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 cable and moving the purifier.
- ⑫ When the product is not in use, store it in a safe cool and dry place and avoid direct sunlight.
- ⑬ Do not use gasoline, chemical agents or 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, remove the packaging of the machine and all the filter, and ensure that the filter of the machine is installed correctly according to the operating manual.

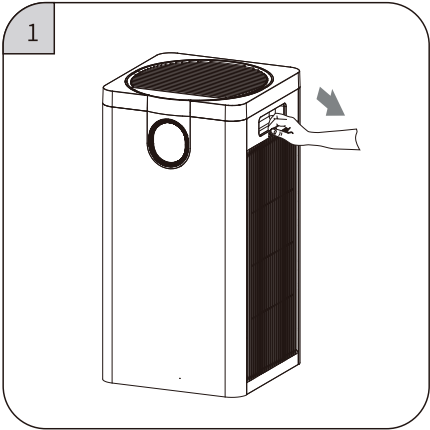
Chapter 3-Product specifications and performance parameters

Product name	Air purifier	Product model	HA500
Power	45W	Voltage/Frequency	220V-240V~/50-60Hz
Noise	63dB (A)	CADR _(PM)	500m ³ /h
CCM _(PM)	P4	Purification efficiency _(PM)	High efficiency level
Net weight	8.5kg	Product size	290x290x560mm
Executive standard	IEC 60335-2-65		

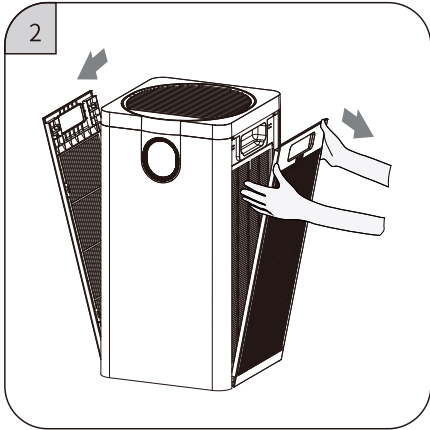
* The above performance index data were obtained in the third-party laboratory according to the national standard GB/ t18801-2015 by taking specific soot particles or gaseous pollutants as target pollutants.

Chapter 4--Product operating instructions

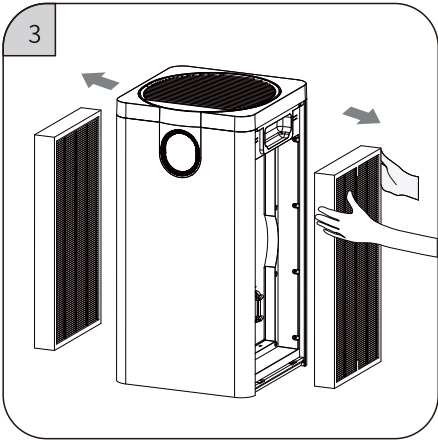
Tips: Before using the machine, install the filter correctly according to the following method



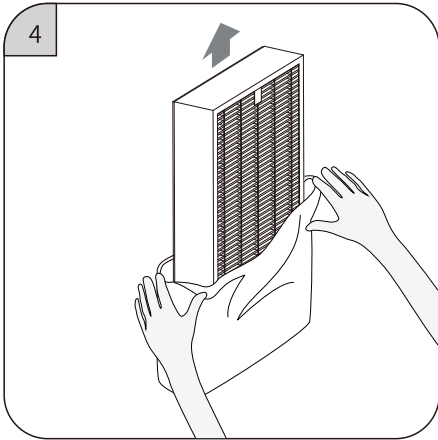
① Remove both the filter covers by pulling on the handle, and then lifting the cover up.



② Lift up and remove the filter cover.

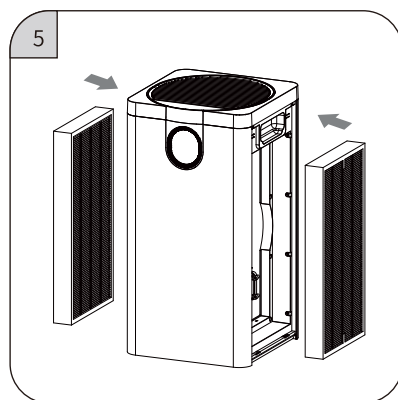


③ Remove the filter on both sides separately

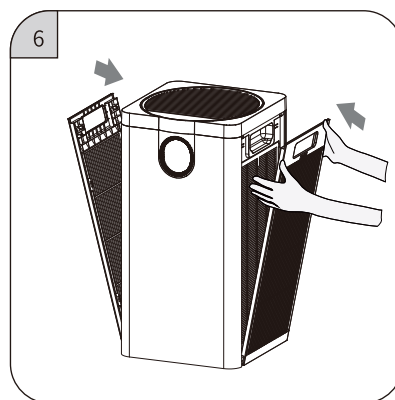


④ Remove the filter packaging film.

Chapter 4--Product operating instructions



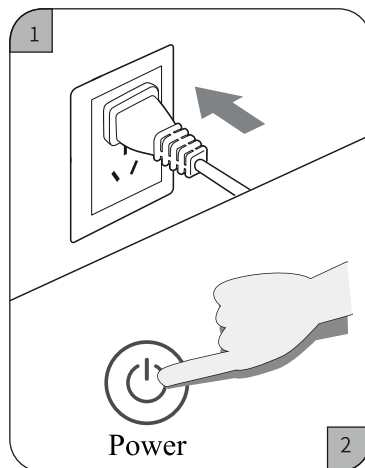
⑤ Install the new filters, with packaging removed, separately.



⑥ Install the filters cover separately

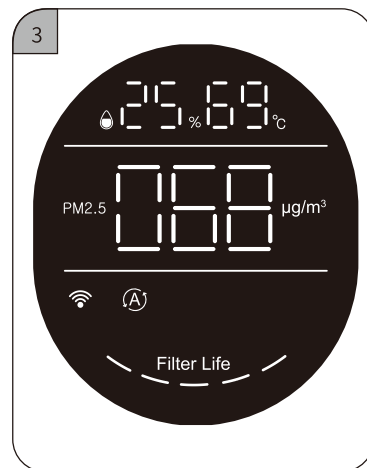
Tips: Both sides of the machine are equipped with a filter. The method of disassembly and installation is the same.

Start using



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

② Touch power switch to start

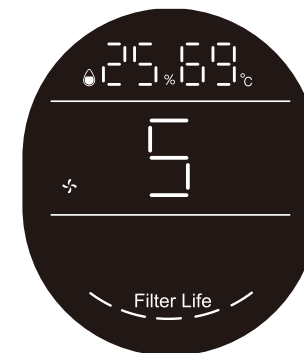


③ When the screen lights up, the machine goes into operation.

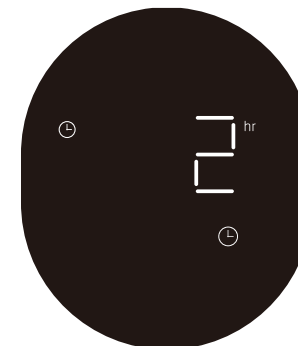
Chapter 5--Display panel instructions



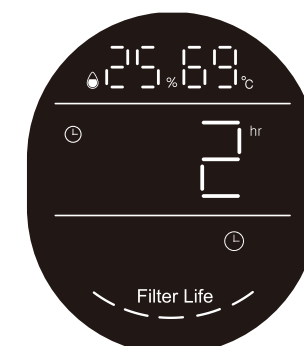
PM2.5 display status



Air speed display status



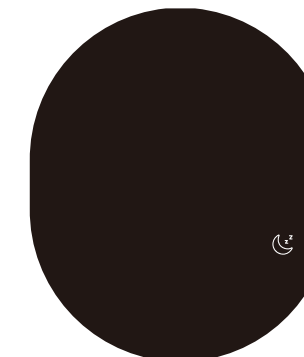
Power-on by alarm display status



Power-off by alarm display status



Time less than 1 hour minutes display



Sleep display status

Chapter 6--Screen Display instructions

Display Signs and meanings

Sign	Sign name	Meaning
	Auto mode	Sign lights up to indicate auto mode, where 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 on indicates that the negative ion mode is on.
	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 light indicator	Easy to read system to show Filter Life. Will flash to remind user to replace the filter when it reaches 10% lifetime remaining.

PM2.5 Display instructions

It takes about 10 seconds for the PM2.5 detector to start working after switching on. When it is turned on in standby mode, the PM2.5 level from before the last shutdown is displayed by default. This will then change to reflect the current level.

PM2.5 Index	Index value ($\mu\text{g}/\text{m}^3$)	Air quality grade	Grade color
	0-15	Excellent	Blue
	16-35	Good	Green
	36-75	Moderate	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 and touch again to turn off. The indicator is white when in use, and red while in standby.
	Auto mode key	When in operation, touch the auto key to switch between auto mode and manual mode. In manual mode, the indicator lights next to the button and on the display are off, while in auto mode the lights are on.
	Fan speed mode key	When in operation, touch the fan speed mode to manually adjust the fan speed. Press repeatedly to toggle from speed 1 to 5. After three seconds, the display will automatically return to PM2.5 status.
	Sleep mode key	When in operation, 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 on. 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 "screen off mode" mode all indicator lights icons and values are off and the machine continues to run in the "off screen mode" (i.e. 'to enter the 'screen off' mode. All indicator lights, icons and values are off in the 'screen off' mode, but the machine will continue to run normally')

Chapter 7—Functional operation and instructions

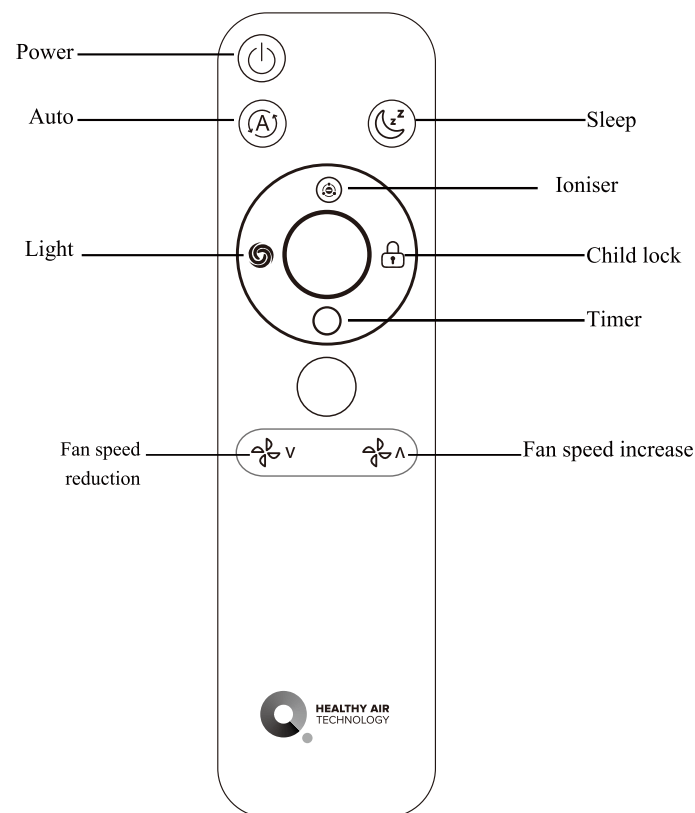
Key Operation

Sign	Name	Meaning
	Ioniser key	When in operation, touch the negative ion key to switch the air ioniser on and off. The indicator lights will light up when the negative ion function is in operation.
	Filter reset key	When the filter life indicator bar is low and starts to blink, the button light starts to blink to remind the user to replace the filter. When the filter has been replaced, press and hold the button (for at least 3 seconds) to reset the new filter until the button turns off and the indicator bar is full. This will only work when the filter life is <10%.
	Timer mode key	In standby mode press the timing key to enter the timing startup setting. In the in operation, 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	When in operation, press and hold the child lock key (for at least three seconds) to enter the child lock state. In the child lock state, the child lock indicator lights are on and touching all other keys will have no effect. To leave the child lock state, press and hold the child lock key (for at least three seconds).

Tips

- When only one bar is left for the filter life and it begins to flash it is time to replace the existing filter with a new one. Press and hold the reset key (>3s) to reset the filter life indicator. After resetting the indicator light will stop flashing. When the filter life is >10%, it cannot be reset by touch or pressing and holding.
- Forced zero clearing and resetting: In case of special requirements, simultaneously press the “automatic mode key” and the “sleep mode key” for 5s whilst the machine is in standby mode Finish zero clearing & resetting after hearing a sound of “Ding” and after LED indicator light flickers for six (6) times.

Chapter 8--Use and instruction of remote control



Tips

1. Before using the remote control for the first time take off the power insulation.
2. When using the remote control, it is recommended not to be more than 6 meters away from the machine.
3. Closing light function: When switched on, press the light key one time to turn all the lights off, while the functions remain unchanged. Press the button again to return the lights to their original states.
4. Timer function: When in operation, 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 performance, in different use environments, 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.
- Do not immerse the machine in water or any other liquid.
- Do not clean any part of the machine with a corrosive or flammable cleanser such as bleach or alcohol.
- **Composite filter cannot be washed with water.**

Machine body cleaning

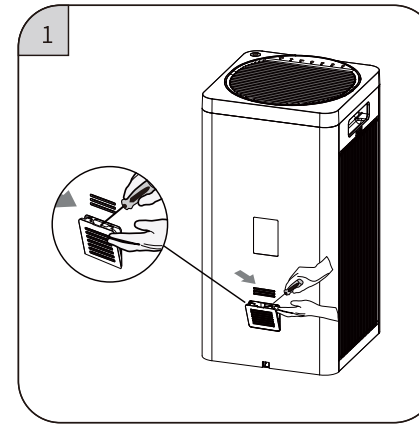
Clean the inside and outside of the machine regularly to prevent dust accumulation

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.

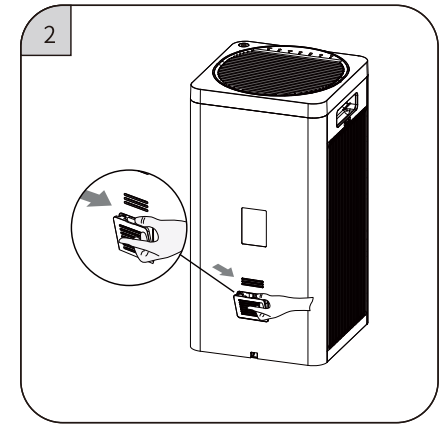
Chapter 10--Cleaning sensor instruction

Cleaning sensor

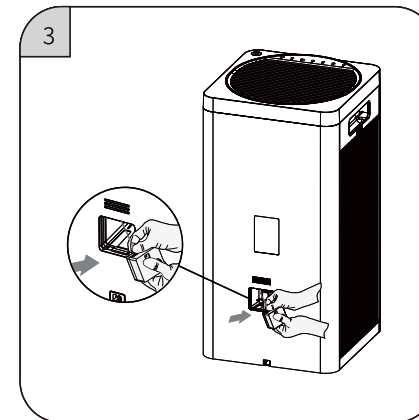
To ensure that the machine can maintain sensitive and stable operation, we recommend you clean the air quality sensor every 1-2 months. (The sensor is located on the back of the machine)



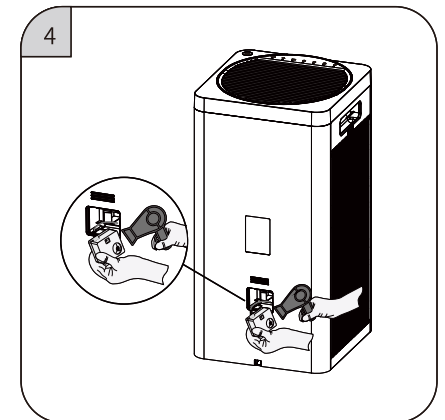
① Use a flathead screwdriver to unscrew the sensor protection cover on the back of the machine



② Remove sensor protection cover

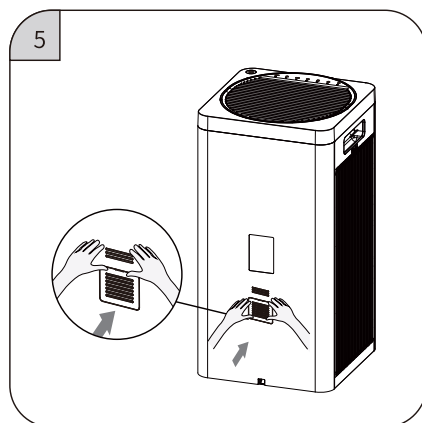


③ Gently pull out the sensor



④ 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 securely.

Chapter 11--Troubleshooting guide

This chapter summarizes the troubles that may be encountered when using this air purifier. If you are unable to resolve the troubles 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 filters panel correctly and make sure it snaps into the correct position
2	When the purification function is turned on, the sound is dull and the wind is small	Are the filters packaging removed?	Remove the filters packaging 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	Unusual smell in outlet	Is the new machine just out of the box?	The smell of the new machine will disappear after a period of time
		Are there large amounts of odor being produced in the room? For example, are there many people smoking?	After running the machine for some time, the smell will gradually disappear
		Does the filter filter out excess odors and fumes?	Clean or replace any filter that needs to be replaced
		The filter has reached the cumulative 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 and difficult to reduce	Is it used with humidifier?	Please turn off the humidifier
6	No power	Is the power cord damaged? Is the power turned on at socket?	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. Turn on the power at power socket