

sinclair

AIR CONDITIONING

Thank you for choosing SINCLAIR air purifier. Please, read this manual carefully before use to make sure you are in the right way, and properly keep it for future reference.

Specifications

| | | | | |
|---|-----------------------------|------|-----|------|
| Model | SP-300A | | | |
| Power supply | 220-240V~ 50Hz | | | |
| Fan Speed | Turbo | High | Low | Mute |
| Air Flow (m ³ /h) | 300 | 230 | 150 | 75 |
| Power (W) | 95 | 85 | 75 | 60 |
| Noise (dB) | 53 | 48 | 38 | 28 |
| Maximum Cleaning area (m ²) | 41 | | | |
| Dimension (mm) | 396 (W) × 245 (D) × 576 (H) | | | |
| Net weight (kg) | 10 | | | |

* The applicable area is the impact area when the machine is running at high speed.

In order to continuously improve the product quality to meet customers' requirements, the company is entitled to make appropriate changes on the product specifications. And the users will not be informed. Please understand.

Contents

| | |
|---------------------------|----|
| Product Introduction | 1 |
| Safety Tips | 2 |
| Attentions | 3 |
| Parts name | 4 |
| Parts function | 5 |
| Preparation before use | 7 |
| Remote Control Operation | 8 |
| Master Operation | 9 |
| Disassembly method | 10 |
| Cleanning and maintenance | 11 |
| Maintenance instructions | 12 |
| Thoubleshooting | 14 |

| | |
|---|---|
| | Correct Disposal of this product |
|  | <p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p> |

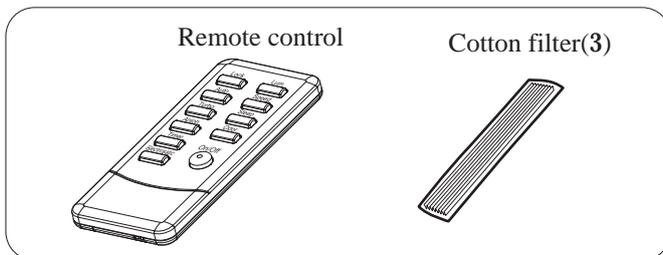
Welcome to buy SINCLAIR air purifier, please keep this manual for future reference in order to properly use the air purifier.

◆ Product Introduction

SINCLAIR air purifier applies HIMOP and other high-technique. Through six purification functions of anti-bacterial and anti-fungus filter, catalytic decomposition of the cold catalyst, HIMOP efficient wiping out formaldehyde, HEPA high efficient filter, activated carbon adsorption technology, it can effectively remove airborne bacteria, dust, harmful gases etc.

- **Silver ions anti-bacterial and anti-fungus**
Inhibit various types of bacteria. It is washable, and the function is lasting.
- **Catalytic decomposition of the cold catalyst**
It has strong catalytic ability, can decompose eliminate odors rapidly, and will not cause secondary pollution.
- **HIMOP can efficiently wipe out formaldehyde**
It has unique functions of adsorption and catalytic decomposition. It can catalyze and decompose hazardous substances, especially absorb them
- **HEPA high efficient filter**
It can 99% efficiently filtrate floating particles of 0.3 micron above (bacteria, dead mites, dust particles, etc.), and fast refresh the indoor air.
- **The conductive carbon can efficiently adsorb harmful gases.**
The conductive carbon filter products in new type have specific activated carbon that has high adsorption ability, which can thoroughly remove the harmful gases like ammonia, acetic acid, etc.
- **Plasma**
It releases ionic groups, and efficiently kill the natural bacteria in the air.
- **Negative ion**
Forests and waterfalls surrounding the air is rich in negative ions, known as "air vitamins" refreshing mode, the release of this product negative ions, so that room air fresh and natural.
- **Sleep mode**
Keep quiet when shifting to sleep mode.

Accessory



◆ Safety Tips

Safety Tips

- ⚠ Use only single-phase AC power.
Otherwise, it may cause fire, electric shock or other accidents.
- ⚠ Do not use when the power cord and plug are damaged, or plug is too loose when inserted.
Otherwise, it may cause electric shock, short circuit, fire or other accidents.
- ⚠ Do not bump, damage, excessive bend, stretch, twist, tie, press, or squeeze the power cord.
Otherwise, it may cause fire, electric shock, short circuit or other accidents.
- ⚠ If the power cord is damaged, must call technical service center to repair or call technical personnel to replace to avoid danger.
- ⚠ The machine must be switched off and the power cord plug must be pulled out when replacing filter screen, moving or cleaning.
Do not use wet hands to pull plugs, or it may result in accidents such as electric shock, injury or other accidents.
- ⚠ Seize the plug part when pull out the plug. Do not hard draw the power cord.
Otherwise, it may cause electric shock, short circuit, fire or other accidents.
- ⚠ Please remove the dust on the plug periodically.
Fouling can cause humid and then leakage, which will cause fire, electric shock or other accidents.
- ⚠ If it is not used for a long time, the plug must be pulled out.
Otherwise, insulation degradation will cause electric shock, leakage, fire or other accidents.
- ⚠ Please do not insert fingers or other objects at inlet scoop and air outlet.
Otherwise, it may cause electric shock, or trigger other failures.
- ⚠ Please do not use the machine in the wet areas such as bathroom or humidifying area. It is easy to damp.
Otherwise it will cause electric shock or failure.
- ⚠ Please do not use in areas generating lots of smoke (such as the kitchen).
Otherwise, it may cause cracks.
- ⚠ Do not let the machine inbreathe combustible gas or sparks released by cigarettes, incense, etc.
Otherwise, it may cause fire or other accidents.
- ⚠ Do not use gasoline or paint thinner to clean it. Do not spray insecticide on this machine.
Otherwise, it may cause cracks, electric shock, fire or other accidents.
- ⚠ Do not use this product when spray pesticides in the room.
The inside of the machine will accumulate pharmaceutical components, and release from the outlet, which will affect health.

◆ Attentions

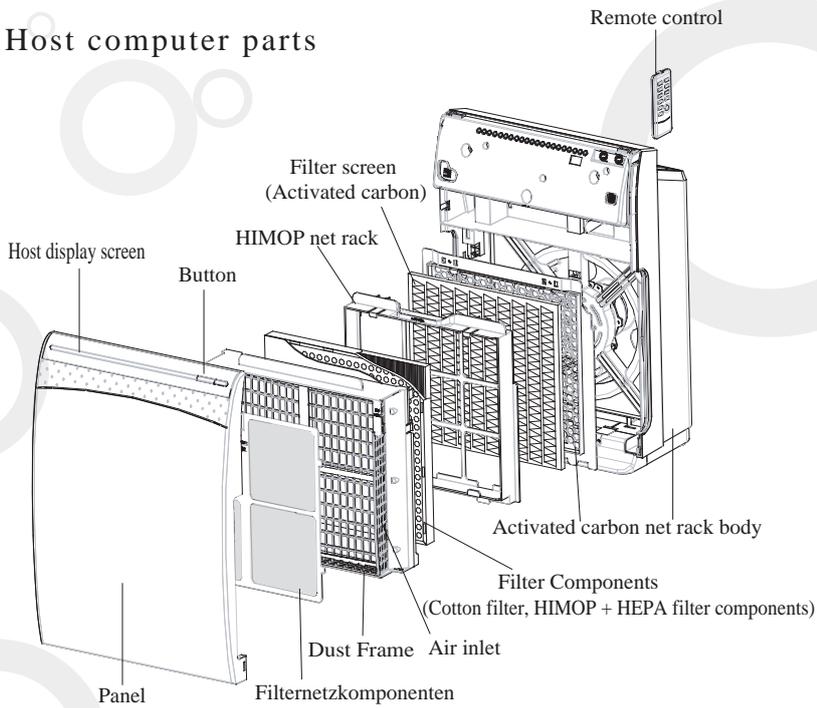
Note in use

- ★ Please put in a stable place with smooth air circulation.
If you want to remove the dust in the room, it will more effective when put the machine in a lower place.
- ★ Do not put the machine outdoors or in a place with direct sunlight.
Otherwise, the machine will fade, and the receiver sensitivity of the remote control will decline.
- ★ Do not close to the lighting equipment.
Otherwise, the receiver sensitivity of the remote control will decline.
- ★ Do not place the machine near heating sources, such as the heater.
The heat will cause the machine fading or deformation.
- ★ The machine should be 2 meters far from TV, radio, audio, wireless and other objects.
Otherwise it is vulnerable to be interfered by electronic wave.
- ★ It should be kept at least 10cm far from the wall.
Prolonged use will make the walls dirty. Please paste the plastic paper on the outer wall or consider other methods, and clean the walls regularly.
- ★ Do not put the machine in places where the curtains can touch the inlet scoop and air outlet.
Otherwise, it may make curtains dirty and make the machine break down .
- ★ Do not put any water storage containers near the machine, such as fish tank or vase.
If the water enter the machine, it may cause electric shock or failure.
- ★ Do not sit or stand on the machine. Do not shake the machine or use the machine when it reclines or inclines.
Otherwise, it may cause failure.
- ★ When you move the machine, you must grasp the handle on the back.
If you grasp the panel, it may fall and cause damage.
- ★ Air purifier can not remove carbon monoxide.
- ★ Take the battery out before it loses effectiveness, and dispose it properly.
- ★ Do not reconstruct by yourself. Do not demolish and repair if you are not the technicians.
Otherwise, it may cause fire, electric shock, or injury. Please contact Special Service Center of Sinclair electrical product to repair.
- ★ **This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.**

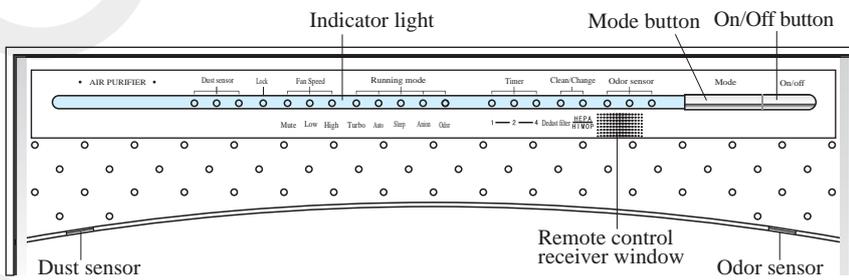
◆ Parts name

Host computer parts

1. Host computer parts

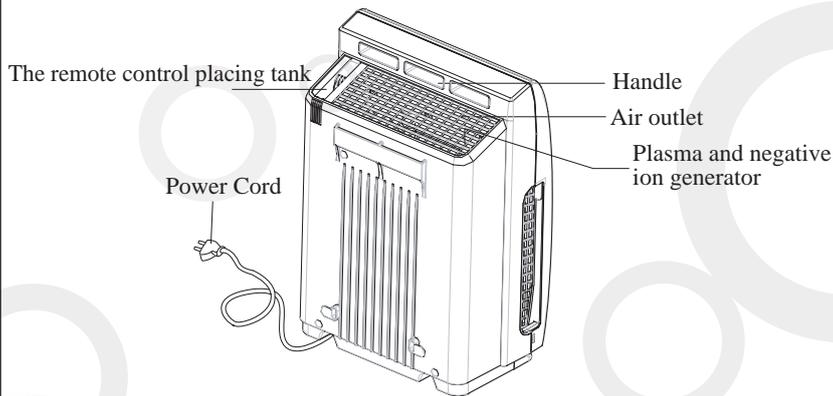


2. Host computer display



◆ Parts function

2. Back



Functional description of various parts and components

- 1、 Panel
You need open the internal filter to clean, and the machine starts after you close it.
- 2、 Filter components
It can remove the larger dust particles, and it is antibacterial and rot resistance.
- 3、 Dust frame
Air inlet
- 4、 Filter component
The main ingredients of cotton filter is as cold catalyst, also known as the cold catalyst filter. It can effectively collect some dust, catalyze and decompose part of the odor. HIMOP + HEPA filter component has functions of unique adsorption and decomposition, it can efficiently absorb and decompose formaldehyde of low concentration in particular.
- 5、 Activated carbon filter screen
It can adsorb most smell, and remove the ammonia, acetic acid and other harmful gases in the air.

◆ Funktionen der Bauteile

- 6、Dust sensor
It can sense the cigarette smoke, pollen, dust and other particulate matter, and detect the air pollution level.
- 7、Button
On/off button and mode button respectively control the switch and operating mode of the machine.
- 8、Remote control
Set up the remote control to achieve perfect functional regulation.
- 9、Air inlet
Air inlet
- 10、Air outlet
Clean air blowing outlet
- 11、Handle
Use it when move the machine.
- 12、The remote control placing tank
It is used to place the remote control.
- 13、Plasma and negative ion generator
The Plasma produced can kill natural bacteria; negative ions produced can refresh the air.
- 14、Power Cord
It supplies power for the machine, and it has access to single-phase 220-240V~ 50Hz AC.
- 15、Odor sensor
It can sense the different smell of cigarettes and pets, and it also very sensitive to pesticides, cosmetics, aerosols, alcohol and other odor or sudden changes in temperature and humidity.
- 16、Fan speed indicator
Different indicator shines corresponding to different fan speed.
- 17、Timmer lights
Instruct to set on/off time of the machine.
- 18、Replace the indicating lamp
If the light flashes, it indicates the HIMOP + HEPA filter component is in the replacement period.
- 19、Cleaning lamp
If the light flashes, it indicates filter components need to be cleaned.
- 20、Remote control receiver window
The signal reception is best if the remote control points here.
- 21、Mode
It indicates in what mode the machine is running.

◆ Cleaning and maintenance

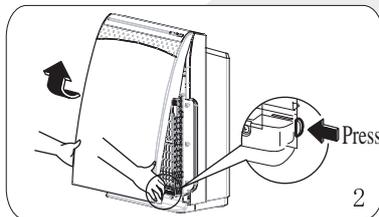
Cleaning and maintenance

※ If it needs dismantling in maintenance, please do it in the following sequence of instructions.

1. Turn off the machine and unplug the power cord

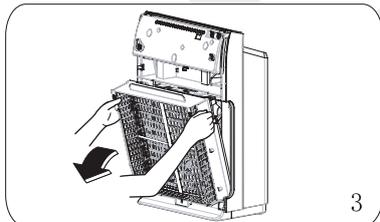
2. Remove the panel

Press the two buckles at both sides of the bottom of the panel, lift upward, and you can remove the panel.



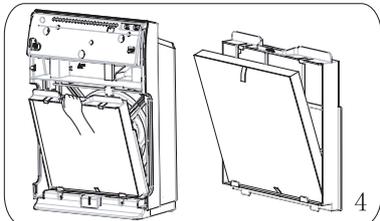
3. Remove the dust shelf components

Use hands to hold the handle, pull forward, and remove the dust frame components.



4. Take the HIMOP grid out

Pull the handles, pull it out, and take the HIMOP grid out upward when the sound "click" is heard.

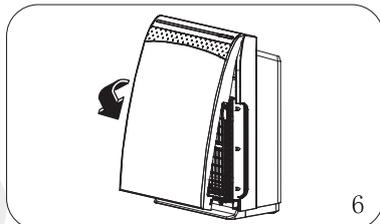
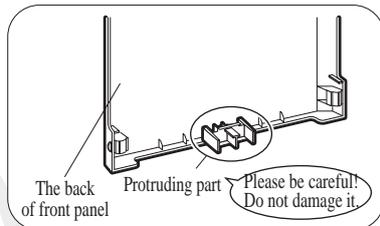
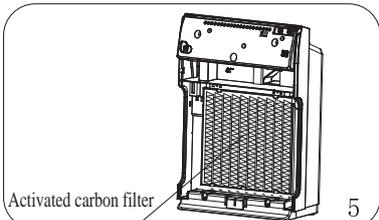


5. Remove the activated carbon filter

6. Install the machine in a reverse order.

Note:

Do not scratch the surface when remove the front panel. Take care of the protruding part on the back, if which is broken the machine will not operate.



◆ Wash and maintenance

Wash and maintenance

- ※ In order to maintain the best state, machines should be cleaned regularly.
During the clean process, machines should be unplugged, not in wet hands which may cause electric shock and injuries.

1. Machine Body Cleaning

Dirt on the main frames and desks where the main frames are placed should be clean as often as possible.

After a long time, dirt would be difficult to remove.

- Use soft fabric
Use a dry soft fabric to remove stubborn dirt.
- No volatile substance
Petrol, thinner and abstergent would cause damage to machines.
- No detergent
Chemical composition in the detergent would cause damage to machines.
- No water spraying
Shell and other things should not be flushed or washed.

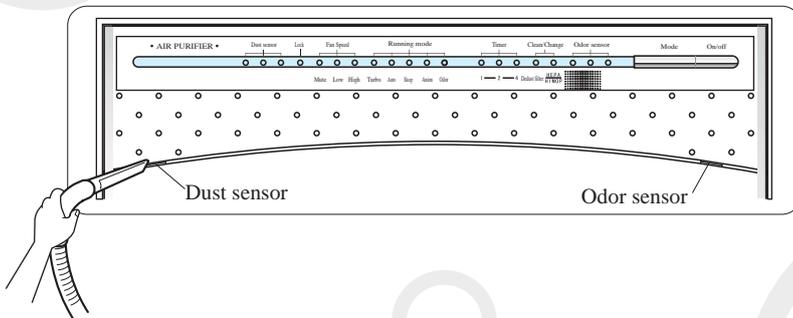
2. Filter Components Cleaning

When the “cleaning” light on the screen of a machine shines, filter components should be cleaned.

- Use a vacuum cleaner first, then use water to wash the components.
- If the components are very dirty, use neutral household detergent, or after using the vacuum cleaner, use a cleaning rag or a soft-hair brush, then use water to wash until no residuum is left.
- After cleaning, fix the filter components again. Press the mode button for 5 seconds in the holding state, time remark would be zero cleaning, and the “cleaning” light would turn off.

3. Sensor

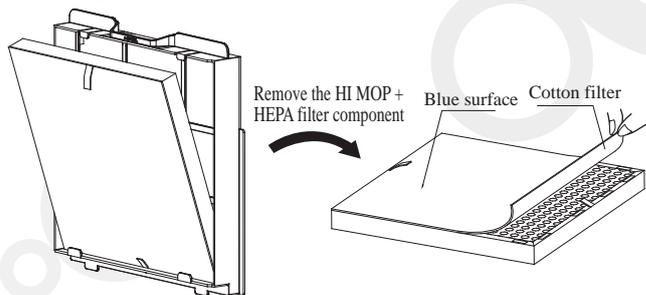
Use a vacuum cleaner to remove the dust on the detection port surface of smell sensor and dust sensor.



◆ Maintenance instructions

The maintenance of cotton filter, HIMOP + HEPA filter components and activated carbon filter

1. The replacement period of cotton filter is different from operating time and placing sites. Depending on the environment, sometimes you can use more than 1 year, but sometimes it may also become deterioration in a few months. For example: in non-smoking cases, the life of cotton filter will increase. It is recommended to replace every 3 months.
2. When the indicator shines, it indicates the user HIMOP + HEPA filter component should be replaced.
3. Pay attention when you replace the cotton filter. The blue surface should be outwards, light-colored surface should be next to HIMOP + HEPA filter component. Then correctly glued cotton filter on HIMOP + HEPA filter components



4. After HIMOP + HEPA filter component is replaced, all the indicators shine at the same time, and the "change" light on the screen goes out after the tick sound.
5. The life of activated carbon filter is about 2 ~ 3 years. When there is odor, please remove the activated carbon filter and place it in the sunlight for 3 ~ 5 hours and then put it back. If the odor still exists, please replace the activated carbon filter.
6. The maintenance of cotton filter, HIMOP + HEPA filter components and activated carbon filter, it belongs to consumables, so it is not covered in warranty. There are 3 cotton filters attached to the machine.

Attention:

- The activated carbon filters, filter cotton and HIMOP + HEPA filter components can not be washed with water.
- Remove the cotton filter monthly, clean the surface dust, and expose in the sunlight for 3 ~ 5 hours.
- Remove the activated carbon filters and HIMOP + HEPA filter components every 3 months, use the vacuum cleaner or hair dryer to clean the dust accumulating on its surface, and expose in the sunlight for 3 ~ 5 hours.

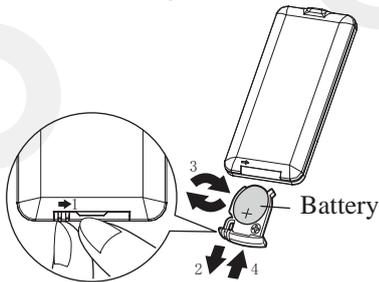
◆ Maintenance Instruction

If it is not in use for a long term

1. Please switch off, unplug the power plug, and tie up power cord.
2. Clean each filter part, air inlet, outlet and the host body.
3. Place the carbon filter in a suitable plastic bag, seal it, and put it in the machine.
4. Cover it with dust cover, and place it in a shade and well-ventilated place.

Replace Battery

1. Open the back cover of the remote control according to the arrow direction.
2. Replace it with CR2025 battery, and then close the lid.



Note:

- The battery should be placed where children can not reach. If a child accidentally swallow the battery, you should quickly get in touch with the doctor.
- Before the battery is discarded, please use the tape etc. wrap it at both ends of positive and negative poles to prevent mixing with other metals or batteries and causing fever, rupture, fire and so on.
- When the battery is not used any longer, please put it into battery recycling place at the nearest electrical shop, watch, or camera stores.
- The criteria for replacing battery is 1 year. However, if it is not found insensitive in receiving signals, please replace the battery.
- Please replace the battery as soon as possible when it is close to the battery lifespan.
- In order to avoid the failure and injury caused by fluid leakage or rupture, please remove the battery if it is not in use for a long time.

◆ Troubleshooting

Please reaffirm the problems before asking for maintenance.

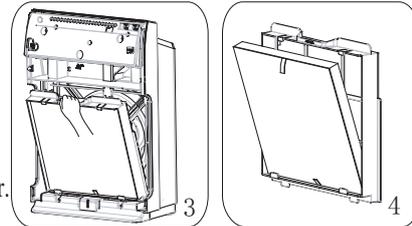
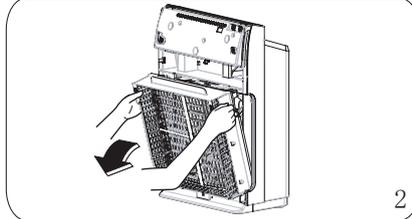
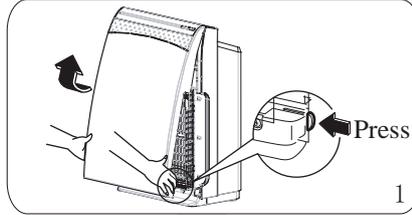
| Symptoms | Check | Processing method |
|-------------------------------------|---|--|
| The remote control does not work | Whether the battery is dead? | Replace with new battery |
| | Are the positive and negative poles installed reversely? | Install the battery correctly |
| | Does indoor fluorescent light keep flickering for the reason of lifespan? | Keep the machine in a distance from the fluorescent |
| Can not start | Is the power plugged in? | Plug the power supply |
| | Is the panel correctly installed? | I Plug the power supply |
| There is no air blowing | | Please contact the after-sales service in this case |
| Do not achieved the cleaning effect | Is it installed in unventilated areas or are there any obstacles near the machine? | Remove obstacles |
| | Is there too much dust on the filter components, filter cotton and HIMOP + HEPA filter components? | Clean the filters, and replace filter cotton |
| | Is there too much odor and smoke produced? | Clean activated carbon filters |
| The TV signal is in interference | Are there any TV, radio within 2 meters away from the machine or is there any indoor antennas near the machine? | Move the TV, radio, and indoor antennas more than 2 meters away from the machine. |
| | Are there any power cords or television sets, radio antenna which are close to the machine? | Keep the power lines or television sets, radio antenna as far as possible away from the machine. |
| It smells in the air outlet | Is there lots of smell released temporarily? (Many people smoke or barbecue.) | The smell will be gradually disappearing when the machine runs for some time. |
| | Is the activated carbon filter not cleaned or replaced for a long time? | Maintain the activated carbon filters |

◆ Preparation before use

Host computer preparation

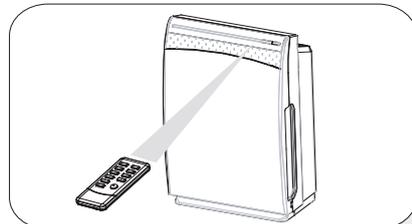
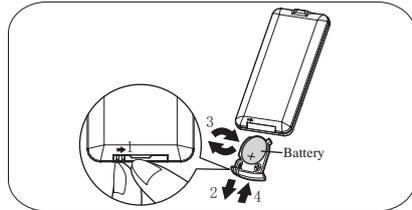
Remove the packaging bags before use and then connect to the power to start the machine.
(Please refer to the picture in operation.)

1. Open and remove the panel
2. Remove the dust collection frame
3. Remove HIMOP grid
4. Remove the cotton filter and HIMOP + HEPA filter component
5. After tearing off the plastic packaging of the cotton filter and HIMOP + HEPA filter components, put them into the HIMOP grid.
6. Install the machine according to reverse order.



Prepare remote control

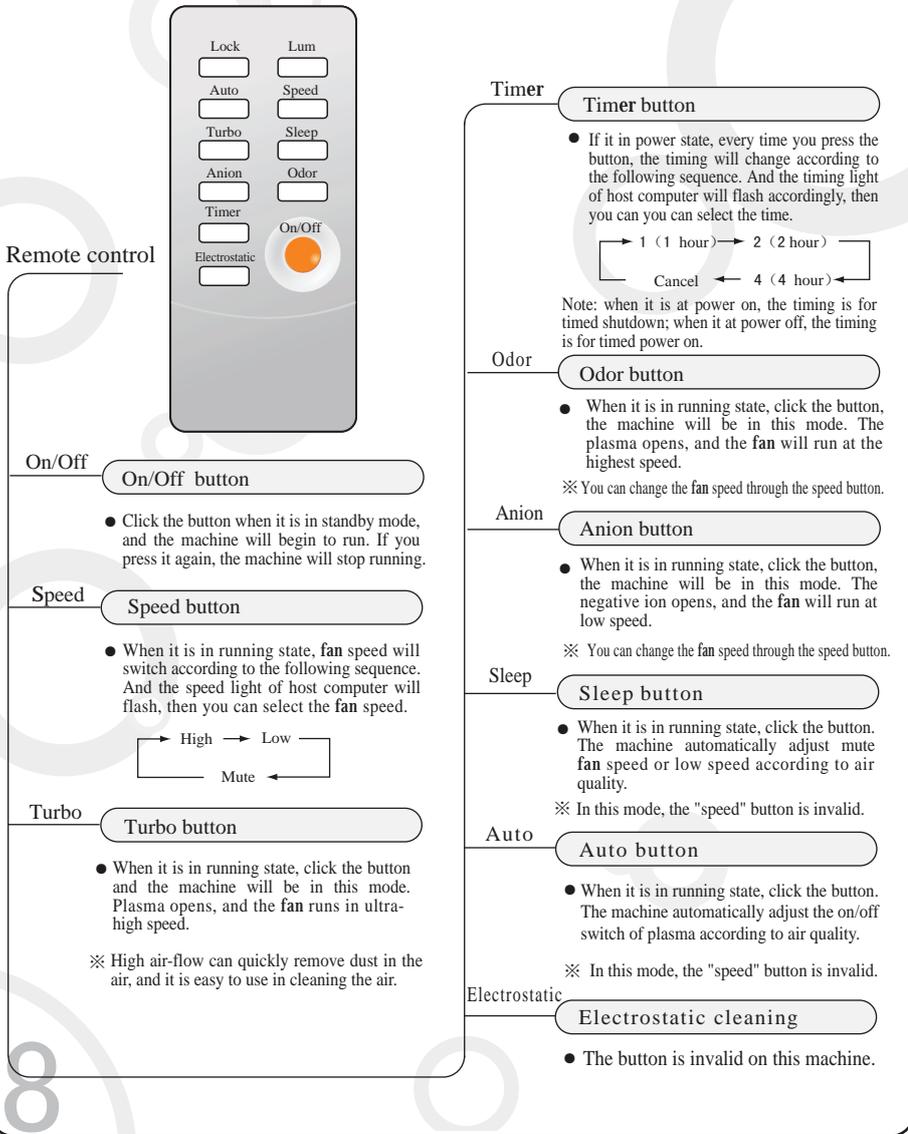
1. Prepare remote control
Open the battery cover on the back of the remote control, place the battery in the circular tank, pay attention to positive and negative poles, plug back the remote control and then it can be used.
2. Use the remote control
 - Please put the remote control pointing to the receiver window in operation.
 - The remote control should be used in the effective range.
 - Make sure there is no obstruction between the remote control and air cleaner, otherwise it will affect the signal transduction.



◆ Remote Control Operation

Remote Control Operation

The perfect functional regulation need to be completed by remote control.

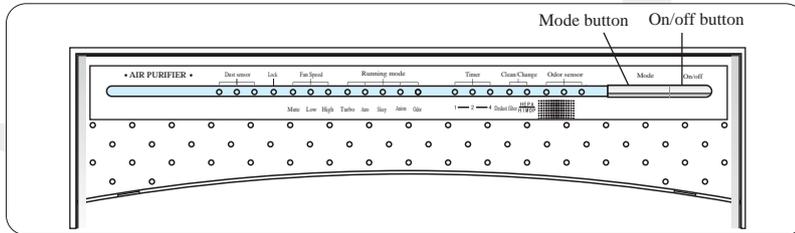


◆ Master Operation

Master Operation

After it is power on, all the lights on the host would all flash, and then went out. At this time the machine is in standby mode.

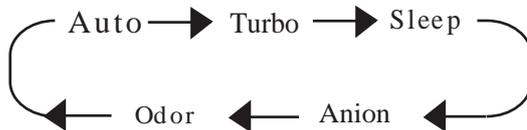
Note: the machine has a function of memorizing unexpected power-down. If the machine is unexpected power down when it is in operation, it will automatically return to the state before accidental power failure when the power is on again.



When the remote control is not around, you can use buttons at the central top of the machine to operate the machine. The buttons at both ends respectively control on/off and mode switching of the machine.

Press the "On / Off" button, and the machine starts.

Press the Mode button, every time you press it the machine switches according to the following sequence. (The indicator will shine as the mode set.)



Note: this button can not adjust the fan speed. The fan speed runs as the machine set according to the mode.

Auto — Fan speed automatically adjusts according to sensor's test results of the dust and odor concentration.

Note: if the odor sensors in the initialization state when it is power on for two minutes at the first time, the odor detection is invalid.

Odor — High fan speed

Sleep — Mute fan speed

Anion — Low fan speed

Turbo — Super high fan speed

◆ Cleaning and maintenance

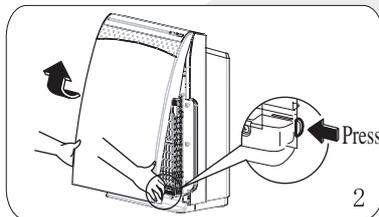
Cleaning and maintenance

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1. Turn off the machine and unplug the power cord

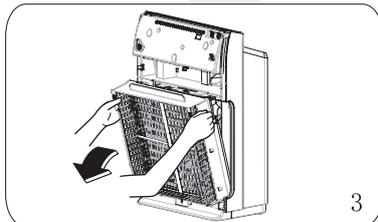
2. Remove the panel

Press the two buckles at both sides of the bottom of the panel, lift upward, and you can remove the panel.



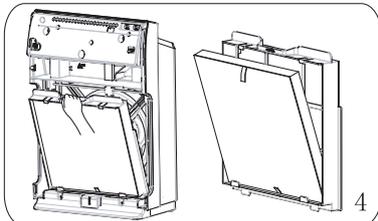
3. Remove the dust shelf components

Use hands to hold the handle, pull forward, and remove the dust frame components.



4. Take the HIMOP grid out

Pull the handles, pull it out, and take the HIMOP grid out upward when the sound "click" is heard.

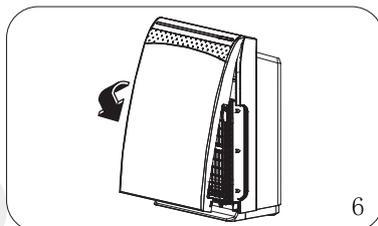
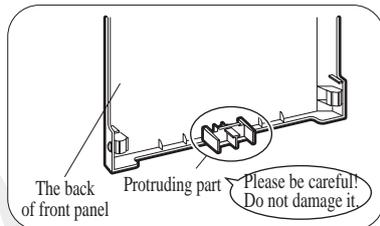
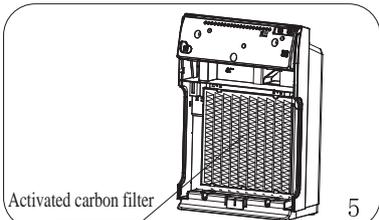


5. Remove the activated carbon filter

6. Install the machine in a reverse order.

Note:

Do not scratch the surface when remove the front panel. Take care of the protruding part on the back, if which is broken the machine will not operate.



◆ Wash and maintenance

Wash and maintenance

- ※ In order to maintain the best state, machines should be cleaned regularly.
During the clean process, machines should be unplugged, not in wet hands which may cause electric shock and injuries.

1. Machine Body Cleaning

Dirt on the main frames and desks where the main frames are placed should be clean as often as possible.

After a long time, dirt would be difficult to remove.

- Use soft fabric
Use a dry soft fabric to remove stubborn dirt.
- No volatile substance
Petrol, thinner and abstergent would cause damage to machines.
- No detergent
Chemical composition in the detergent would cause damage to machines.
- No water spraying
Shell and other things should not be flushed or washed.

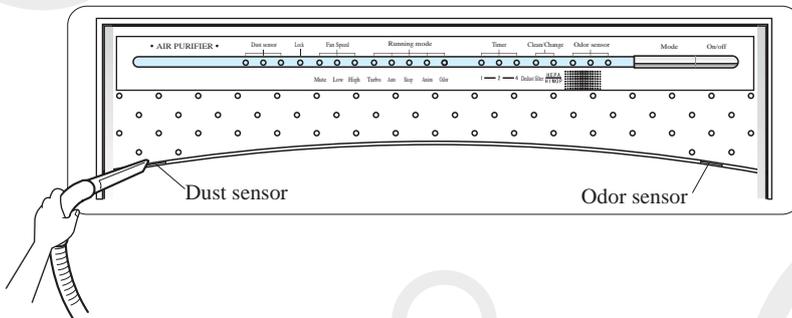
2. Filter Components Cleaning

When the “cleaning” light on the screen of a machine shines, filter components should be cleaned.

- Use a vacuum cleaner first, then use water to wash the components.
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- After cleaning, fix the filter components again. Press the mode button for 5 seconds in the holding state, time remark would be zero cleaning, and the “cleaning” light would turn off.

3. Sensor

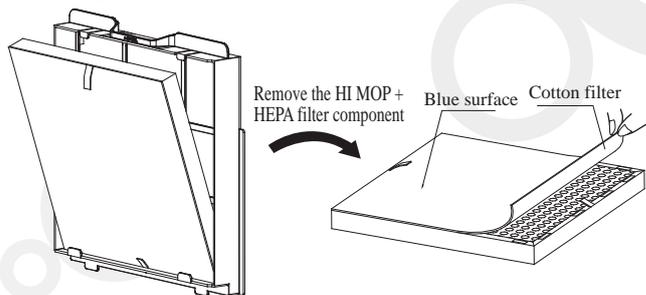
Use a vacuum cleaner to remove the dust on the detection port surface of smell sensor and dust sensor.



◆ Maintenance instructions

The maintenance of cotton filter, HIMOP + HEPA filter components and activated carbon filter

1. The replacement period of cotton filter is different from operating time and placing sites. Depending on the environment, sometimes you can use more than 1 year, but sometimes it may also become deterioration in a few months. For example: in non-smoking cases, the life of cotton filter will increase. It is recommended to replace every 3 months.
2. When the indicator shines, it indicates the user HIMOP + HEPA filter component should be replaced.
3. Pay attention when you replace the cotton filter. The blue surface should be outwards, light-colored surface should be next to HIMOP + HEPA filter component. Then correctly glued cotton filter on HIMOP + HEPA filter components



4. After HIMOP + HEPA filter component is replaced, all the indicators shine at the same time, and the "change" light on the screen goes out after the tick sound.
5. The life of activated carbon filter is about 2 ~ 3 years. When there is odor, please remove the activated carbon filter and place it in the sunlight for 3 ~ 5 hours and then put it back. If the odor still exists, please replace the activated carbon filter.
6. The maintenance of cotton filter, HIMOP + HEPA filter components and activated carbon filter, it belongs to consumables, so it is not covered in warranty. There are 3 cotton filters attached to the machine.

Attention:

- The activated carbon filters, filter cotton and HIMOP + HEPA filter components can not be washed with water.
- Remove the cotton filter monthly, clean the surface dust, and expose in the sunlight for 3 ~ 5 hours.
- Remove the activated carbon filters and HIMOP + HEPA filter components every 3 months, use the vacuum cleaner or hair dryer to clean the dust accumulating on its surface, and expose in the sunlight for 3 ~ 5 hours.

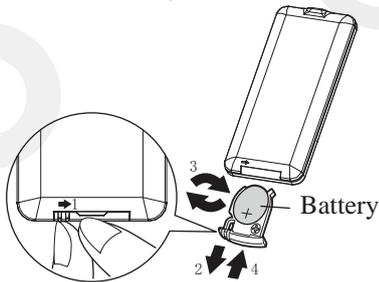
◆ Maintenance Instruction

If it is not in use for a long term

1. Please switch off, unplug the power plug, and tie up power cord.
2. Clean each filter part, air inlet, outlet and the host body.
3. Place the carbon filter in a suitable plastic bag, seal it, and put it in the machine.
4. Cover it with dust cover, and place it in a shade and well-ventilated place.

Replace Battery

1. Open the back cover of the remote control according to the arrow direction.
2. Replace it with CR2025 battery, and then close the lid.



Note:

- The battery should be placed where children can not reach. If a child accidentally swallow the battery, you should quickly get in touch with the doctor.
- Before the battery is discarded, please use the tape etc. wrap it at both ends of positive and negative poles to prevent mixing with other metals or batteries and causing fever, rupture, fire and so on.
- When the battery is not used any longer, please put it into battery recycling place at the nearest electrical shop, watch, or camera stores.
- The criteria for replacing battery is 1 year. However, if it is not found insensitive in receiving signals, please replace the battery.
- Please replace the battery as soon as possible when it is close to the battery lifespan.
- In order to avoid the failure and injury caused by fluid leakage or rupture, please remove the battery if it is not in use for a long time.

◆ Troubleshooting

Please reaffirm the problems before asking for maintenance.

| Symptoms | Check | Processing method |
|-------------------------------------|---|--|
| The remote control does not work | Whether the battery is dead? | Replace with new battery |
| | Are the positive and negative poles installed reversely? | Install the battery correctly |
| | Does indoor fluorescent light keep flickering for the reason of lifespan? | Keep the machine in a distance from the fluorescent |
| Can not start | Is the power plugged in? | Plug the power supply |
| | Is the panel correctly installed? | I Plug the power supply |
| There is no air blowing | | Please contact the after-sales service in this case |
| Do not achieved the cleaning effect | Is it installed in unventilated areas or are there any obstacles near the machine? | Remove obstacles |
| | Is there too much dust on the filter components, filter cotton and HIMOP + HEPA filter components? | Clean the filters, and replace filter cotton |
| | Is there too much odor and smoke produced? | Clean activated carbon filters |
| The TV signal is in interference | Are there any TV, radio within 2 meters away from the machine or is there any indoor antennas near the machine? | Move the TV, radio, and indoor antennas more than 2 meters away from the machine. |
| | Are there any power cords or television sets, radio antenna which are close to the machine? | Keep the power lines or television sets, radio antenna as far as possible away from the machine. |
| It smells in the air outlet | Is there lots of smell released temporarily? (Many people smoke or barbecue.) | The smell will be gradually disappearing when the machine runs for some time. |
| | Is the activated carbon filter not cleaned or replaced for a long time? | Maintain the activated carbon filters |