

OPTONICA
Comfort

Air Purifier

USER MANUAL

Healthy Air, Healthy Life.



Before using this product, please read the instructions and keep it for future references.

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Product Name	Air Purifier
Rated Voltage	AC 220V~240V
Rated Frequency	50 HZ
Rated Power	40W

■ Cold Catalyst Filter

1. The cold catalyst plays a catalyst effect in normal living environment without any external assistance like the UV light, sunlight, high temperature or pressure.
2. It catalyzes the formaldehyde, ammonia, benzene, TVOC, hydrogen sulfide and other harmful gases to work with oxygen, and then decomposes them into water and carbon dioxide.
3. The cold catalyst itself does not undergo charges during the decomposition action. Thus, it is long lasting and can be valid up to 5 years.
4. The main ingredients of the catalyst are food and medicine additives. Therefore, the product is of non-toxic, non-corrosive and non-inflammable. It works under normal condition and produces only water and carbon dioxide.
5. The cold catalyst can be used to deal with formaldehyde, ammonia, benzene, TVOC, hydrogen sulfide and other harmful gases released by plywood, furniture, wallpapers, carpets, curtains and bedspreads.

■ **Cellular-Activated Carbon Filter**

The cellular-activated carbon carries high efficient additives. It has good absorption and dust collection characteristics.

■ **Antimicrobial Filter**

The 5-microns filter with antimicrobial agents can efficiently kill bacteria in the air.

■ **High Efficiency HEPA Filter**

The precision of the HEPA filter is 0.01 micron. It is able to eliminate particles which are larger than 0.01 micron with the filtration rate of 99% or more. Dust, bacteria, fungi, viruses, allergens and other small and tiny particles are not able to get through the HEPA filter.

■ **Anion Release**

The ionizer releases large amount of anions and makes the oxygen negatively-charged, thus gathering the positively-charged particles like floating dust, bacteria, viruses and smoke. The particles become denser and sink to the ground. The smaller the particle size, the higher the capture rate.

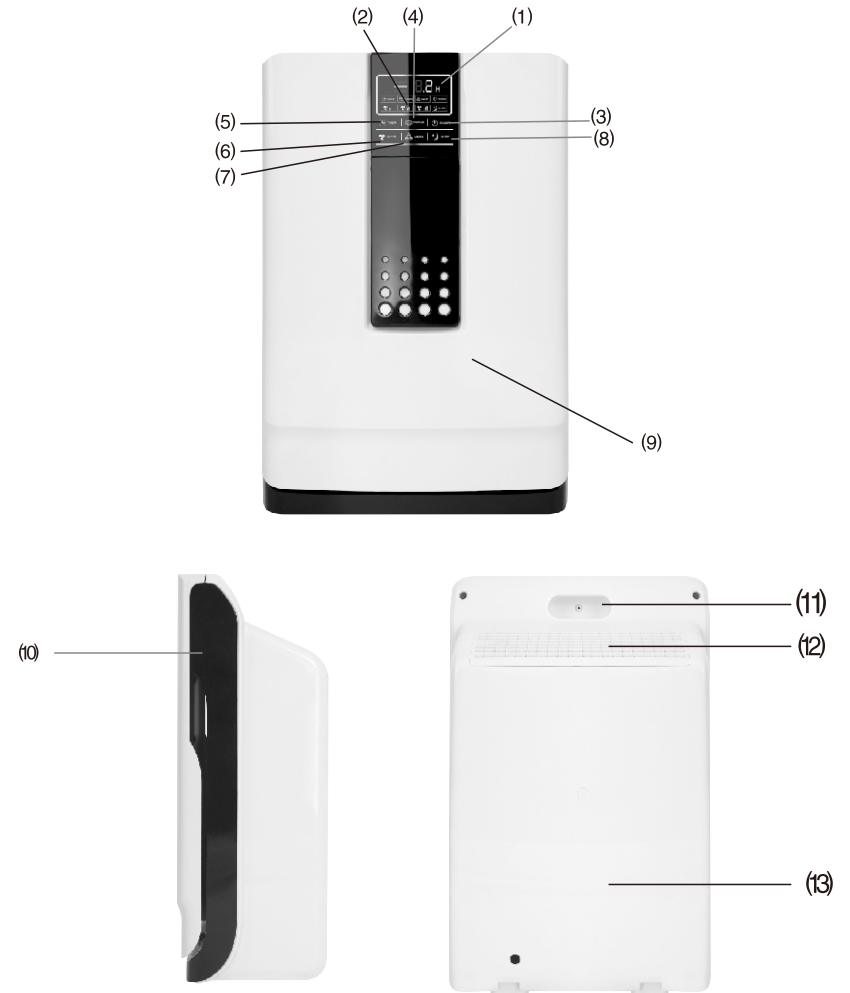
■ **Ultraviolet Sterilize Light**

The 245nm ultraviolet light is able to sterilize a variety of bacteria. The UV germicidal lamp is used to purify the air and it is able to eliminate odor caused by smoke and mold. Besides, it also produces a certain amount of negative ions, which freshens the air in the room while avoiding the spreading of certain viruses.

■ **Intelligent Odor Sensor System**

This unit comes with an intelligent odor sensor system . It can automatically adjust the fan speed according to the air quality display : Red(Poor), Orange(Ordinary), Green(Excellent).

Illustration of the Product

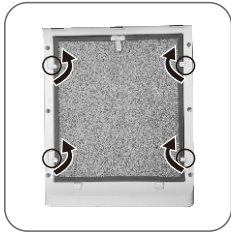


(1)	Display Board	(7)	Negative Ions	(13)	The Rear Case
(2)	Control Panel	(8)	Sleeping Mode		
(3)	On / Off	(9)	Front plate		
(4)	Sterilize	(10)	Middle Case		
(5)	Timer	(11)	Handle		
(6)	Wind Speed	(12)	Air Outlet		

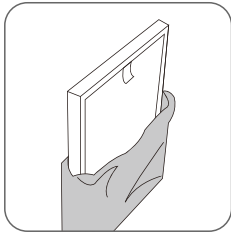
Installation Instructions



Pull the front panel and extract upward.



Turn the buckles and remove both pieces of filter.

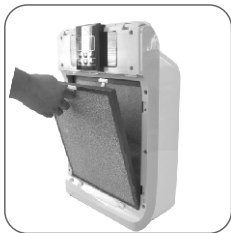


Remove all packaging bags.



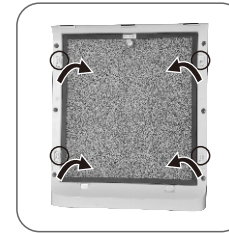
Place Filter 2 (Antimicrobial and HEPA Compound Filters) back into the inner side of the product.

Note: Please ensure the tab side is facing you.

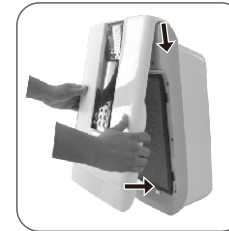


Place Filter 1 (Cold Catalyst and Activated Carbon Compound Filters) back into the inner side of the product.

Note: Please ensure the tab side is facing you.

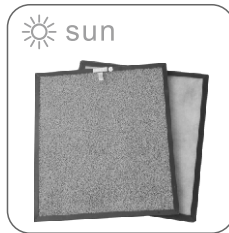


Make sure the filters are installed in position. Turn the buckles to fix the filters.

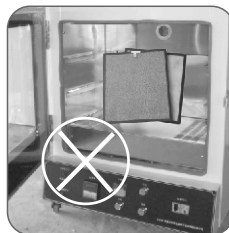


To install the front panel, place the top into the host buckle and close the front panel. The front panel will be held by in-built magnets.

Good Practices on Cleaning of Filter

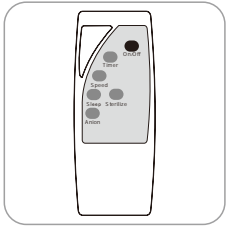


In order to extend the filter life, the filters should be exposed to sunlight periodically in order to release the harmful gas, odor and to kill bacteria.

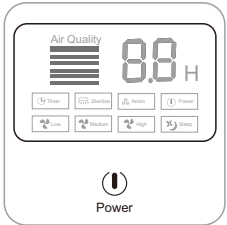


Do not place the filter close to high temperature to avoid disfiguration or fire.

Function Description



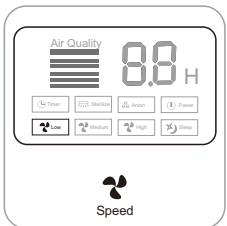
The product is equipped with a remote controller, which is powered with 2 AAA batteries. Batteries are not included in the package.



When pressing on the power button, the annular design will flash in the digital screen and the machine is in stand-by mode.



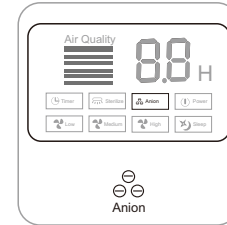
When pressing on the timer button, the machine is turned on and the intelligent odor sensor control is started, too. The machine will adjust the speed automatically according to the air quality. The timer starts from 1 -12 hours, the power will be turned off when time expires.



The speed control button circulates from low, medium and high. The speed is shown on the digital screen.



When pressing on the sleep button, the machine will be at low speed and the intelligent odor sensor control is turned off. The speed and sleep buttons are controlled in a mutually exclusive manner. When one is turned on, the other is turned off.



Press the anion button to turn on the anion generator. The anion icon will be shown on the display screen.



Press the sterilize button to turn on the UV germicidal light and the Sterilize icon will be shown on the display screen.

Precautions

Before using the product, please read this manual thoroughly and retain it for future references.



Hazardous

To avoid electric shock or fire ensure that the product is dry at all times and keep the product away from water or any other liquid.

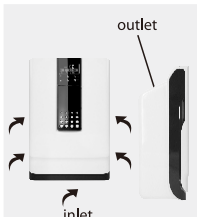


Warning

1. Make sure the local power supply voltage is the same as indicated on the nameplate on the back of machine.



2. If the power cord is damaged, please discontinue the use of the product and contact an authorized agent to fix it.



3. Do not block the air inlet or outlet with any objects.



4. For safety precautions, please do not allow children or people who have insufficient knowledge to handle the equipment unsupervised.



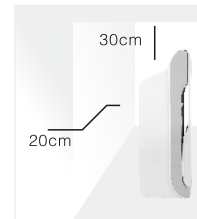
Notice

1. This product is not supposed to be used as daily ventilator, dust cleaner or cooker hood.



2. Ensure that the power socket is in good condition. Otherwise, the plug may overheat and cause fire.

3. This product must be placed on a dry, stable and flat surface.



4. There should be a gap of at least 20cm at both sides and back of the product, while 30cm from the top surface.



5. Do not sit and / or place anything on the product.

- 6. Do not place the product directly below the air conditioner to prevent condensation in the product.
- 7. Do not knock the product with hard objects (especially the air inlet and the front plate).
- 8. The odor sensor area should be cleaned frequently to prevent clogging.
- 9. Do not use this product while using insect repellent spray indoors or in a place filled with flammable gas.

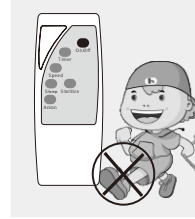


- 10. Do not use this product near gas appliances, heating devices or near stove.

- 11. Please unplug the socket after use and before cleaning.
- 12. Do not use this product in a fluctuated temperature room as this may cause condensation inside the product.
- 13. This product is intended for household use under normal operating conditions.



- 14. Do not use this product in a humid or high-temperature environment (e.g. bathroom, toilet or kitchen).



- 15. Do not allow children to have access to the remote control.

Intelligent odor sensing system memory reset instructions.

Memory reset as follows :

If the air quality indicator displays red color and the machine power is cut off suddenly, you may have to reset the intelligent memory. Otherwise, the red color display will remain.

1. Unplug the machine and wait for 15-20 seconds. Plug again and start the machine.
2. Keep the machine working for 15 seconds. Repeat the step above twice.
3. Please perform the steps above in a clean environment without air pollution. Otherwise, the air quality display lights will be disrupted.
4. The filters should be cleaned or replaced when filled with dust.

◀ Troubleshooting

Problem	Solution
No air comes out from the outlet.	Please check whether the product is turned on and connected to the power supply.
Outlet airflow is significantly weakened than before.	The filters are dirty and they need to be cleaned or replaced. You can slightly shake the filters to remove the dust and other objects on it.
	The filter packaging bag is not removed. Please remove the filter packaging bag.
The air quality has not been significantly improving after long run of the machine	Check the filter layers installation sequence.
	Filters are worn out, please replace all the filters.
When should the replacement of filters take place.	The first filter: The surface is dirty and fades in color. The tiny hole of the cold catalyst is blocked by dust or the color of the active carbon has obviously changed. Life time: 8-14 months.
	The second filter: The white HEPA changes to yellow, black, or mildew. Life time: 8-14 months.
	Remarks: The filter life span is determined by the ambient air quality and the duration used.