



GERMCLEAN™ UV-C AIR PURIFICATION SYSTEM
Model UVC-1080
Instruction Guide

OPERATION MANUAL



UVC-1080 FLOOR STANDING AIR PURIFICATION SYSTEM



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1 Security Note

In order to avoid possible damage to you or others or financial damages, please be sure to pay attention to the following safety precautions.

If the machine's power supply cord is damaged, you must entrust the manufacturers of the machine, maintenance service center or qualified technicians will change for you, in case of any danger.



Warning



No wet hands!

Don't touch the power plug with wet hands.

Otherwise it may cause electric shock.



Pull the plug!

Before cleaning appliances, please make sure have power off.

Otherwise air purifier may run suddenly, cause accident getting an electric shock.



Banned!

It is prohibited to use beyond power or connected devices specified value. Only 220V dc power allowed.

Using universal socket or exceed the specified value of the equipment may cause overheating and fire accident.



Before start the air purifier, please insert the plug completely into the socket.

Failure to fully inserted into the socket may cause electric shock and overheating or fire accident.

- Do not use damaged plug or loose power socket.



Banned!

No damage on the power line and socket.

In the use of the machine, don't bind wires. Use the broken wire may cause electric shock, short circuit or fire accident.

- Ban cut, modification, excessive distortion, torsion, pull wire, or put weight on wires or plugs.



Please clean power plug regularly.

Accumulation of dust on the power plug and the moisture can damage the insulation of the plug part, resulting in fire accident.

- Pull out the power plug, then wipe with dry cloth (ban using wet cloth!).
- Remember to pull the power plug if not use for a long time.



Banned take apart

Prohibit unauthorized apart or modified the air purifier.

Otherwise it may cause electric shock, failure or fire accident.



Banned!

Ban rod or other metals placed in the outlet or inlets.

Otherwise it may affect the internal parts and cause electric shock or damage.



Attention

Any situation as below, please turn off the power of the machine.

A switch does not work.

A circuit breaker or fuse burned.

The power cord or plug abnormal fever.

Finding the burning odor or abnormal sound or vibration.

Any other anomalies or failure.



Attention



Prohibited use solvent such as benzene or thinner to clean air purifier, avoid touching with insecticide spraying.

Banned!

Otherwise air purifier can rupture and cause damage, even short circuit, so that cause electric shock or fire accident.



Pull out the power plug, should hold the plug, instead of pulling wires.

Otherwise it may cause short circuit, wire and cause fire or electric shock accident or injury.



Ban in place for being fat particles using this air purifier.

Banned!

Such as inside the kitchen, can reduce the service life of air purifier filter.

- The air purifier should not be used for ventilation or extraction equipment.



Banned in high temperature, damp or wet body sites using this air purifier, such as the bathroom.

No wet!

Air purifier may leakage caused electric shock or fire accident.



Banned use the air purifier in indoor with fumigation type pesticides.

Banned!

Chemical residue could be accumulated inside the machine, and then release from the outlet to harm health.

- After using pesticides, please let thoroughly ventilated room, before using the air purifier.



Do not put the volatile substances or combustible materials, such as tobacco or Mars to float into the machine.

Away from the fire!

Away from the fire! Otherwise it may cause fire accident.



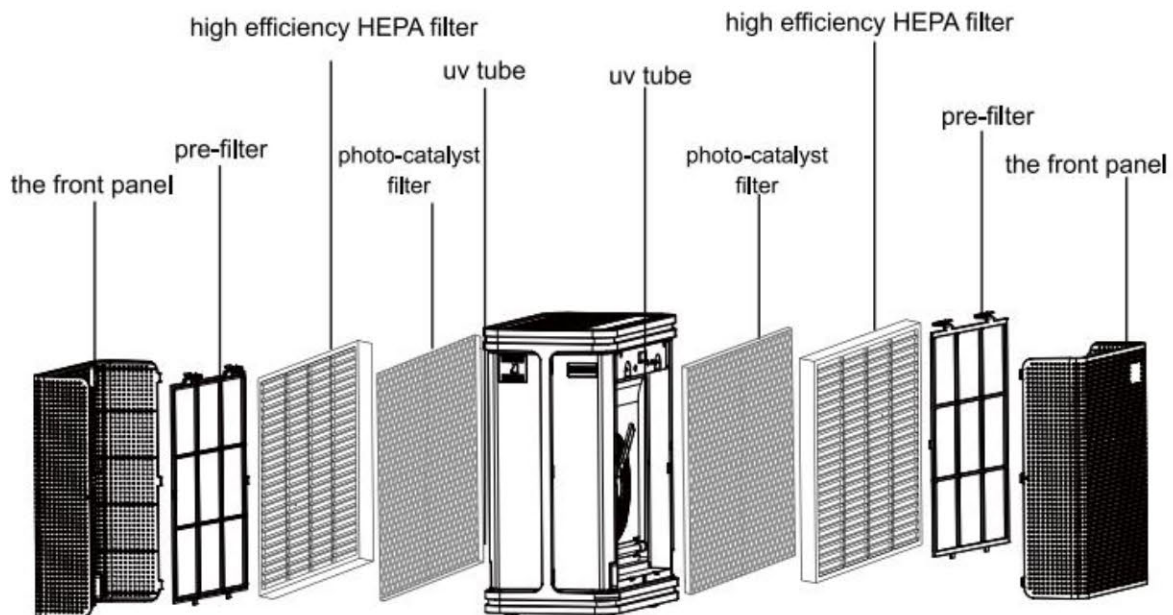
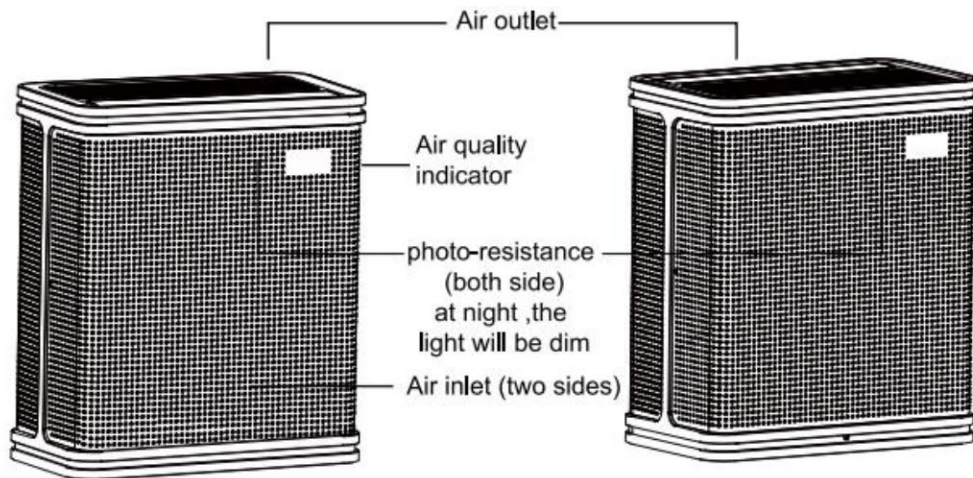
Wet body is prohibited.

No wet!

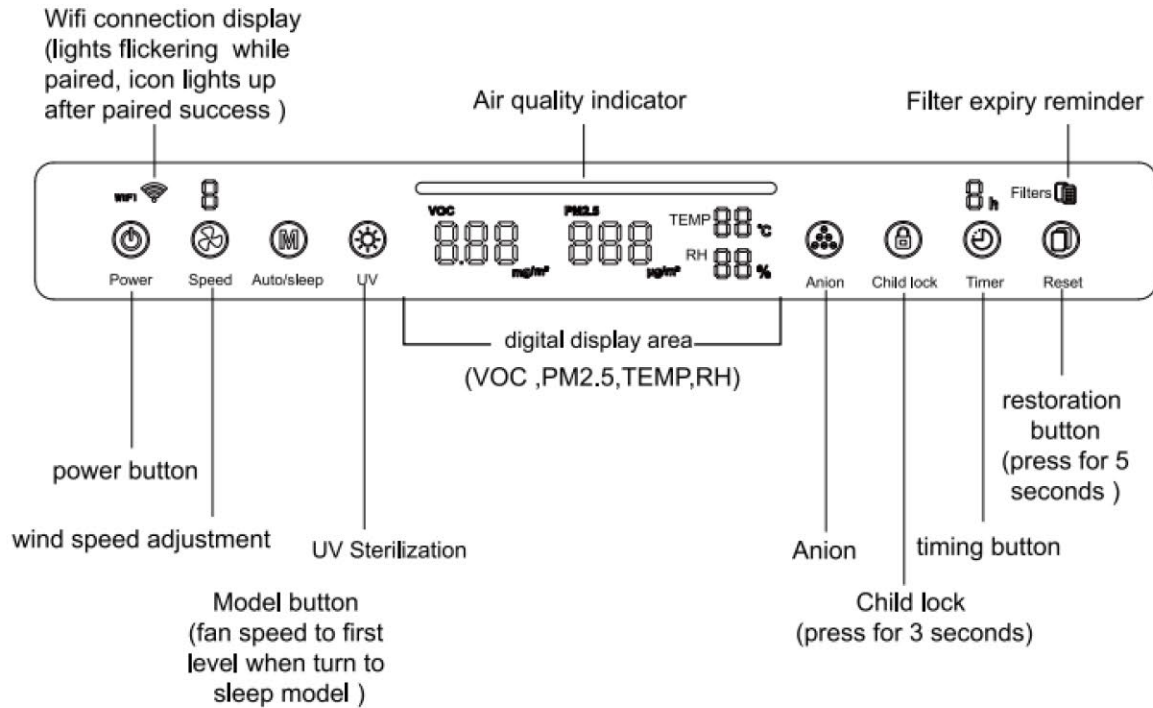
Otherwise it may cause electric shock and fire accident due to short circuit.



2 Control panel



Control panel



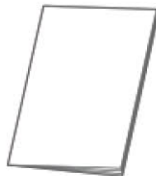
Filter change reminding:

According to the actual use of the filter, the machine automatically calculates the expiration time of the filter. After the filter expired, the replacement indicator is flickering and reminding to change the filter

⚡ Attention

Please turn off the power and pull out the power plug before replacing the filter.

Other items in packing



operation manual

Air quality indicator

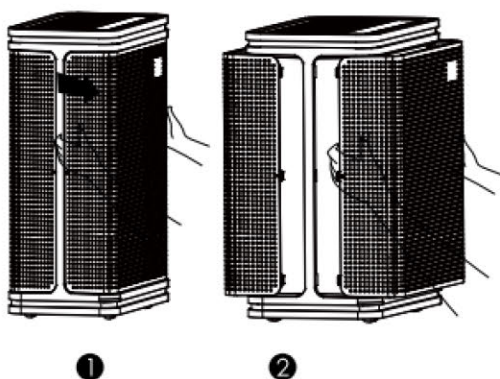
	Blue (PM2.5= 0 ~ 50)	Perfect
	Green (PM2.5=50 ~ 100)	Good
	Purple (PM2.5= 100 ~ 150)	Normal
	Red (PM2.5=150 ~)	Bad



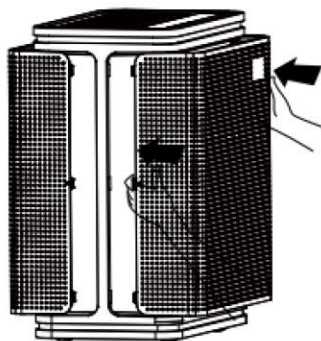
3 Before use

Method of dismounting and installing the front panel

- 1 Hold on the middle space at both sides of the front panel ,pull out the panel ,Gently move the front panel to the vertical direction



- 2 Reinstall the front panel ,alignment and insert it into the groove .



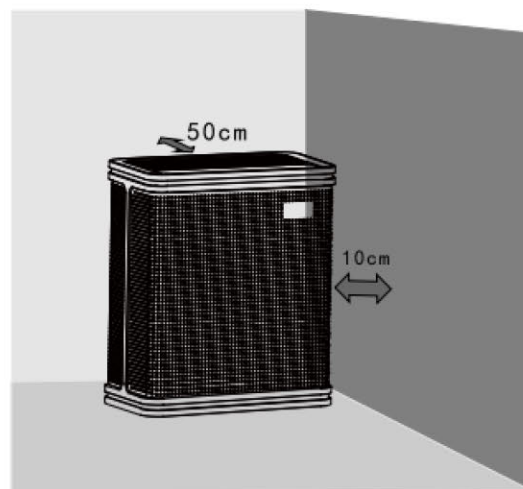
Placement sites of air purifier

In order to make your room air to achieve good effect on both sides of the cycle,to ensure the gap between the air inlet and the wall at least 50 cm, the air outlet at least 10 cm.

Please keep 1 meters away from television, radio, etc.

Please do not put the power plug together with the television, radio and other electrical power plug inserted into the same socket. (otherwise it may cause screen jitter and noise generated.)

- The long-term placement in the same sites may dirty the host walls.
- To ensure the machines have adequate ventilation and maximum efficiency, don't interfere with the air outlet and air inlet.



Install Filters

Information

Please remove all the package of all the filters in the machine before using the air purifier, according to the below instruction.

⚡ Attention

- Please make sure the power plugs have been put off before installation, maintenance and transportation.
- Please do not operate the air purifier without the filters.
- Please remove the package of each filter before using.

💬 Tips

You can put the purifier on the wall to enhance the stability when removing or installing the filters.

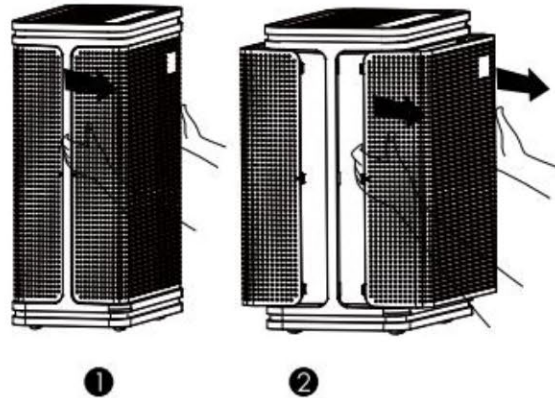
Steps

Initial use this air purifier, please install the filters correctly as below instructions.

Please remove the all packages and put the purifier on the dry, stable, horizontal ground.



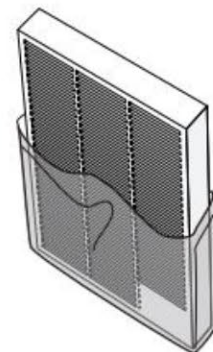
- 1 Hold on the middle space at both sides of the front panel ,pull out the panel ,Gently move the front panel to the vertical direction



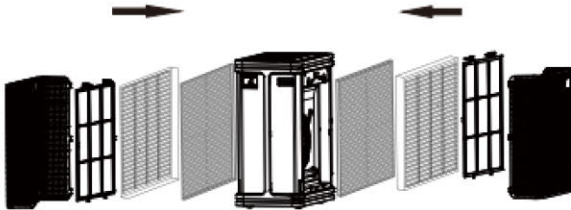
- 2 Remove all the filter inside the machine



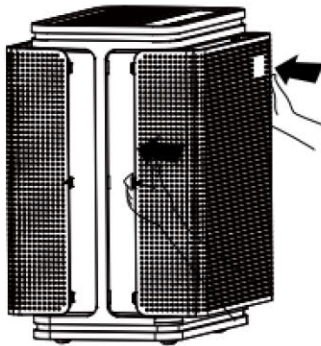
- 3 Remove all package from filters



- 4 install all the filter step by step ,and install the pre -filter as the instruction



- 5 Install the front panel again. Align and insert it into the fixed grooves, then gently push it.



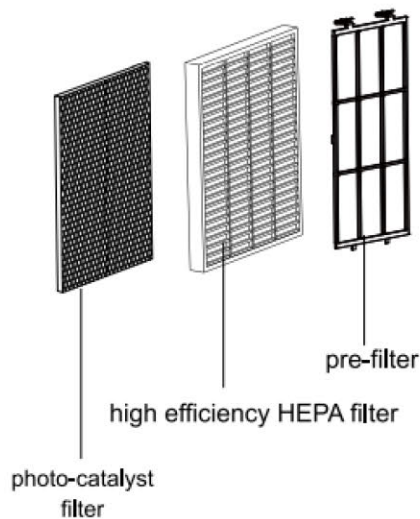
Tips

Please be carefully when install the from panel



Filters and functions

Filter compositions



5 points purification system, could effectively purify the air, make life more healthy.

One: Pre-filter

Two: Efficient HEPA filter

Three: Photocatalyst filter

Four: Anion

Five: UV light, effective sterilization

One: Pre-filter

Use micron mesh filter, effectively block 2.5mm fibrous particulate matter, Blocking rate > 99.9%. It can be cleaned easily by tens of thousands times.

Preventing larger particles such as pet fur, dander and coarse dust, etc. Can increase the life of the following filters.

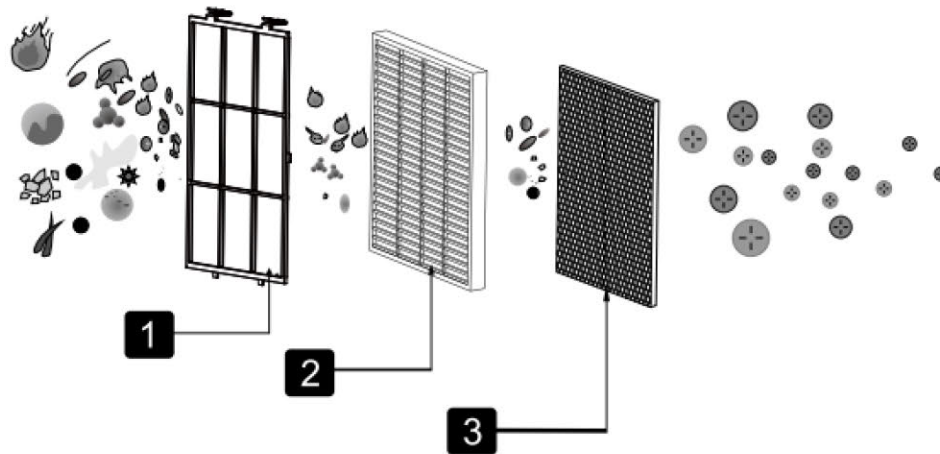
Two: High efficiency composite filter, using the latest electret Technology

The rate of removing the minor particles small to 0.3 micron from the air flow can up to 99.9%, Conforming to the European international standards, spread of allergens and bacteria in air flow, such as pollen, smog and viruses.

Using activated carbon and precious metals as media, remove the benzene, odor and other toxic substances in the air, and eliminate the two pollution caused by thermal desorption of pollutants.

Removing volatile organic compounds, such as secondhand smoke and kinds of polluting gases





Three: Photocatalyst filter

Use Nano TiO_2 as representative materials, has photo-catalytic function, under the role of UV light, it will have a strong catalytic degradation. Effective degraded of formaldehyde, toluene, xylene, ammonia, TVOC and other pollutants.

Four: Anion

Produce large amounts of negative ions, physical adsorption, eliminate odors, has a strong adsorption.

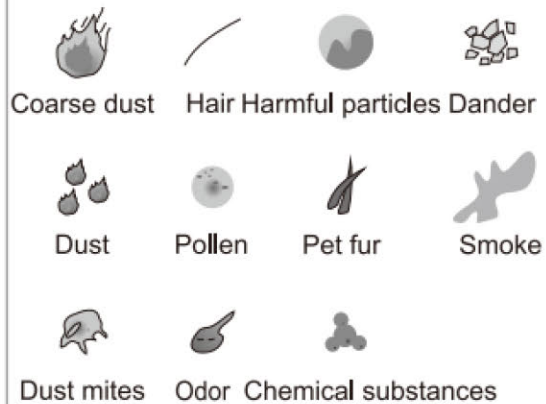
Five : UV light, effective sterilization

Effectively kill a variety of common bacteria and viruses, inhibit the production of bacteria and viruses.

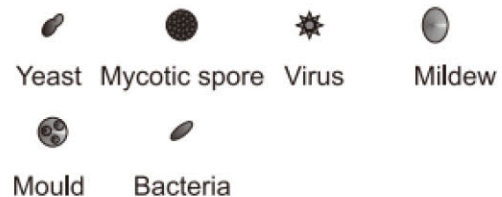
Tips

Cold cathode UV lamp trigger voltage is only 500v, will not produce ozone, can use it safely.

+ The allergens



+ Bacteria



4 Cleaning And Maintenance

Be sure to pull out plug before cleaning.

Do not put the product into water or any other liquid. Do not use corrosive or flammable gas (e.g. bleach or alcohol) to clean any part of the product.

Only pre-filter can be cleaned with water, other filter can't.



Clean air purifier

Clean the medial and lateral regularly to prevent dust accumulation.

- 1 use soft dry cloth to wipe the dust .
- 2 use soft dry cloth to clean inlet and outlet.

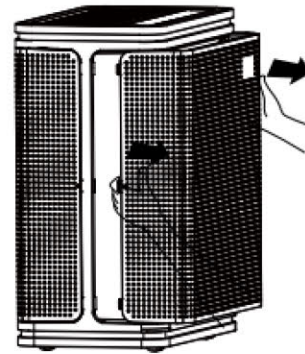
Clean air quality Sensor

Clean the air quality sensor every two months to make sure purifier run at the best performance. If the purifier used in dusty environment, please clean it more often.

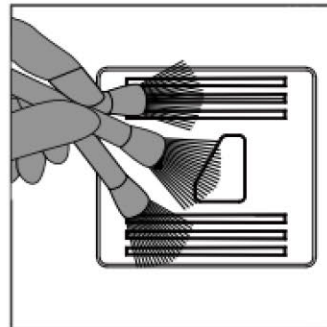
Attention

When the indoor humidity is very high, the air quality indicator may be forming condensate. So even if the air quality is good, air quality indicator may also indicate poor air quality, in this case, you have to clean the air quality indicator or use any manual speed setting.

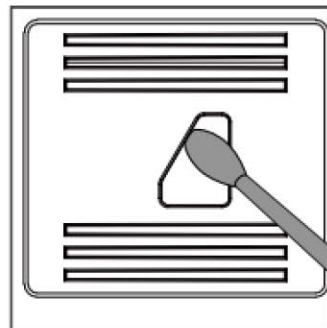
- 1 Using a soft brush to clean the inlet/outlet of air quality sensor



- 2 Remove the protective cover of air quality sensor.



- 3 Clean the air quality sensor, inlet and outlet with wet cotton swabs slightly



- 4 Dry it with dry cotton swabs.
- 5 Remount the protective cover of air quality sensor.



Clean the pre-filter

Information

In order to achieve the best performance , clean and maintain the Pre-filter every two months (about 480 hours) from the beginning to use.

Based on the average 8 hours a day , 7 days a week frequency , keep the machine working under the household environment.

External maintenance : use wet cloth(or the mild detergent)to wipe the surface to prevent the accumulation of dust.

Turn off the air purifier and pull out the plug before cleaning and maintenance.

Only the Pre-filter can be cleaned,other filters can't.

⚡ Attention

Please use the low power vacuum cleaner, preventing the filter from damage.

💬 Tips

Before putting each filter into the machine pls remove the plastic packaging, and ensure that the labels on the filters are outwards.

⚡ Attention

Please turn off or Pull out the plug, before you change the filter .

Unused for a long time

Pull out the power plug.(because the power consumption happened when it is standby.)

Thoroughly dry the inside.(otherwise it may lead to the equipment trouble.)

Store the machine in a dry ventilated place.(lay flat or place upright down may lead to the product trouble.)

Replace filter reference time

When the machine work time reach to 3600 hours, the reminder indicator will flash ,The working time calculation is as follows:

First wind speed : Accumulative 0.25 seconds per second

Second wind speed : Accumulative 0.5 seconds per second

Third wind speed : Accumulative 1 seconds per second

fourth wind speed : Accumulative 2 seconds per second

💬 Tips

1.Consider you and your family's health please change the filter screen in time.

2.After sealing off filter,if the usage time is shorten. But suggest to change on time per six months.

3.After sealing off filters, the filter should be changed one time per 12 months.

4.Photo-catalyst can be changed one time per 3 years. But it should be exposed under the blazing sun usually

5.After 1000hours of usage for UV light, sterilization efficiency will reduce to 70% around. But it does not affect the efficiency to resolve the volatile organic compound, such as formaldehyde, TVOC, etc.



5 Fault Handling

This chapter list the possible problems when using this product. If you can't solve the problems based on the below information, please contact with our customer center or dealers.

condition	possible reasons	possible solutions
Machine can't turn on	The front panel may not be installed.	To remove the front panel, then install the panel again.
	Power plug is not inserted into the power source	Pull out the power plug, then insert into the power source.
	The power plug or wire is damaged.	Contact with our customer center or dealers.
The fan doesn't work	The machine is not turned on.	Insert the power source, and turn on the machine again.
	The dynamo is damaged.	Contact with our customer center or dealers.
	The machine is put on the uneven place.	Remove the machine to the flat place.
	Loose or foreign particles inside the machine.	Contact with our customer center or dealers.
	The motor is loose.	Contact with our customer center or dealers.
	Plastic packaging of each filter is not removed.	Before using, please remove plastic packaging of each filter.
Performance is poor or not best purification ability	Washable mesh filter is dirty.	Please clean the cleaning mesh filter.
	Filter is not replaced.	Replace one set of new filter.
	Machine inlet or outlet was blocked.	Contact with our customer center or dealers.
	Plastic packaging of each filter is not removed.	Before using, please remove plastic packaging of each filter.
	The gap round the machine is not proper	To ensure the machine at least 50 cm clearance on both sides of the air inlet and the outlet at the back of the machine at least 10 cm.
	Machine filter missing or sequence error	To ensure that all the filters put the correct sequence in machine
	Exceed the expect cover area	To ensure the machine work in the suitable area



Warranty and service

If you need to understand information or have any questions, you can also contact our customer service center or dealer.

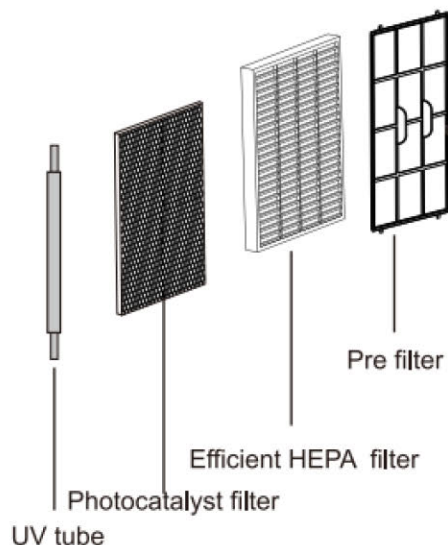
If the product specifications are subject to change, we won't further notice. All trademarks are the property of Yingrui Industries company. Company reserves the right to make changes to the products at any time, without notice, and no obligation to provide earlier products to adjust.

Product warranty terms refer to the instruction attached warranty card in detail.

Ordering parts or accessories

If you need to replace parts or need to purchase additional parts, please contact our customer service center or dealer.

Select Accessories



6 Additional

recycling



Place the product, please don't put together with the general life garbage. Please check the local regulations on classified collection of electronic and electrical products.

Right place old product helps to avoid the potential negative effects on the environment and human health.



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