



AIR PURIFIER

Owner's Manual

Original Instructions

GCC300ASNB



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The product is subject to change without notice.
The graphs in this instruction manual may be different
from the actual products; please refer to the actual products.

Thank you for choosing our product. Please read this Owner's Manual carefully before operation and retain it for future reference.

If you have lost the Owner's Manual, please contact the local agent or visit www.gree.com or send email to global@gree.com.cn for electronic version.

Thank you for choosing our product.

Wish you have a good operation.

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Please follow this instruction manual strictly for correct operation.

In order to prevent personal injury and property loss, please follow those safety regulations as below.

If you don't follow these safety regulations, wrong operation may cause accident.

Prohibition

1. 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. (IEC 60335-1)

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

(EN 60335-1)

2. Children should be supervised to ensure that they do not play with the appliance.

3. Do not pull out the power plug during operation. Otherwise, it may cause fire hazard or electric shock.

4. Do not insert or pull the power plug with wet hand. Otherwise, it may cause electric shock.

Safety Regulation

5. Do not pull or drag the power cord. Otherwise, the power cord may be damaged, which may result in bad contact or short circuit and may even cause fire hazard.
6. Never disassemble, refit or repair the unit by yourself. Otherwise, it may cause electric shock, injury or fire hazard.
7. Do not use corrosive detergent to clean the unit. The residual detergent in the air purifier will emit toxic gas, which is harmful to health. The residual chlorine or the detergent itself will corrode the unit, which will affect the service life of the unit.
8. Do not turn on the unit when operating an aerosol bomb. After using the aerosol bomb, keep the room ventilated completely and then operate the unit. Otherwise, the residual chemical substance will be accumulated in the unit and then released from the air outlet, which will be harmful to health.
9. Never insert fingers or other objects into the air inlet, air outlet or other seams. Otherwise, it may cause electric shock, injury, fire hazard or damage the unit.
10. Never moisten the air inlet, air outlet or the unit body. Otherwise, it may cause electric shock or fire hazard.
11. Prohibit burning the filter.
12. Do not cover to avoid overheating.
13. Warning: Please keep the air inlet ventilated during operation.
14. Do not change the structure of power cord or connect the power cord from the middle.

Safety Regulation

15. Do not use portable extension socket.
16. The product must use a reliable grounding power supply.
17. The electric heating function in the unit is only used for sterilization of the filter, not for indoor heating.

Follow

1. They shall state that prior to cleaning or other maintenance, the appliance must be disconnected from the supply mains.
2. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
3. Before energization, please make sure whether the filter is installed correctly.
4. When replacing the filter, it is recommended to wear a mask, gloves or other protective fittings.
5. Please use the equipped filter provided by the manufacturer. Otherwise, it may affect the performance or cause damage to the unit.
6. This unit is only for residential or similar use. Such as :
 - ※shop, office;
 - ※family inn.
7. Do not put other object on the unit or let object close to the unit. (If the object drops or turns over, it may cause damage to the unit.)

8. This unit can purify the air, but it can't provide fresh air. Users are suggested to open the window for ventilation during operation periodically (for example, every day). When it is used together with burning appliances, please make sure the room is well ventilated; otherwise, it may cause carbon monoxide poisoning or other gas poisoning.

9. Before maintaining, checking or moving the unit, please turn off the unit and pull out the power plug. Otherwise, it may cause electric shock or damage the product.

10. Do not operate or store this product at the following places:

※The place with induction cooker, loud-speaker or other magnetic influence; Otherwise the product may not function normally.

※The place that uses ultrasonic humidifier. When the ultrasonic humidifier is working, it will generate small water drops, which may cause abnormal sound, spark or even malfunction in the air purifier. If malfunction occurs because of this, use a piece of wrung wet cloth to clean the purification part completely.

※The place with fumes discharge.

※The place with volatile oil products or inflammable gas, or the place where there may be leakage of similar substances.

※The place with corrosive gas or metal powder. Otherwise, the purification performance will be affected.

※The place that is hot and humid, such as bathroom. Otherwise, the product's performance will be affected and electric shock or fire hazard may even occur.

※The place that is not flat. Otherwise, the unit may turn over or even cause electric shock, fire hazard or get damaged.

※The place with direct sunlight. Otherwise it may cause discolor of the unit.

※The place where it may be affected by outdoor air, such as at the window, or the place where there is direct air flow from an air conditioner. Otherwise, it will affect the normal operation of sensors.


※Near burning appliances or heating appliances where there is warm air flow. Otherwise, it will affect the normal operation of sensors.

※Factory, laboratory, photo room or somewhere that deals with chemical treatment. Otherwise, the volatile chemicals or solvent will affect the product performance.

11. The circuit inside this unit may disturb TV or sound equipment. Therefore, this unit should be placed 2m away from TV and other similar device.

12. This appliance incorporates an earth connection for functional purposes only.

13. Pay attention that the electricity consumption load shall meet the power demand of this product.

 **Correct Disposal of This Product:** 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.

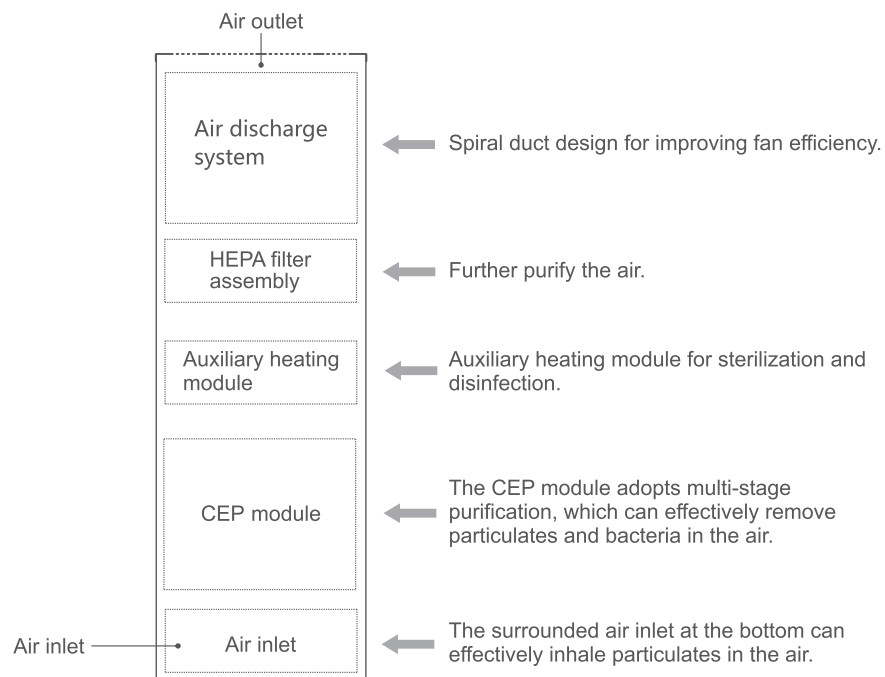
Product Introduction

Working Principle

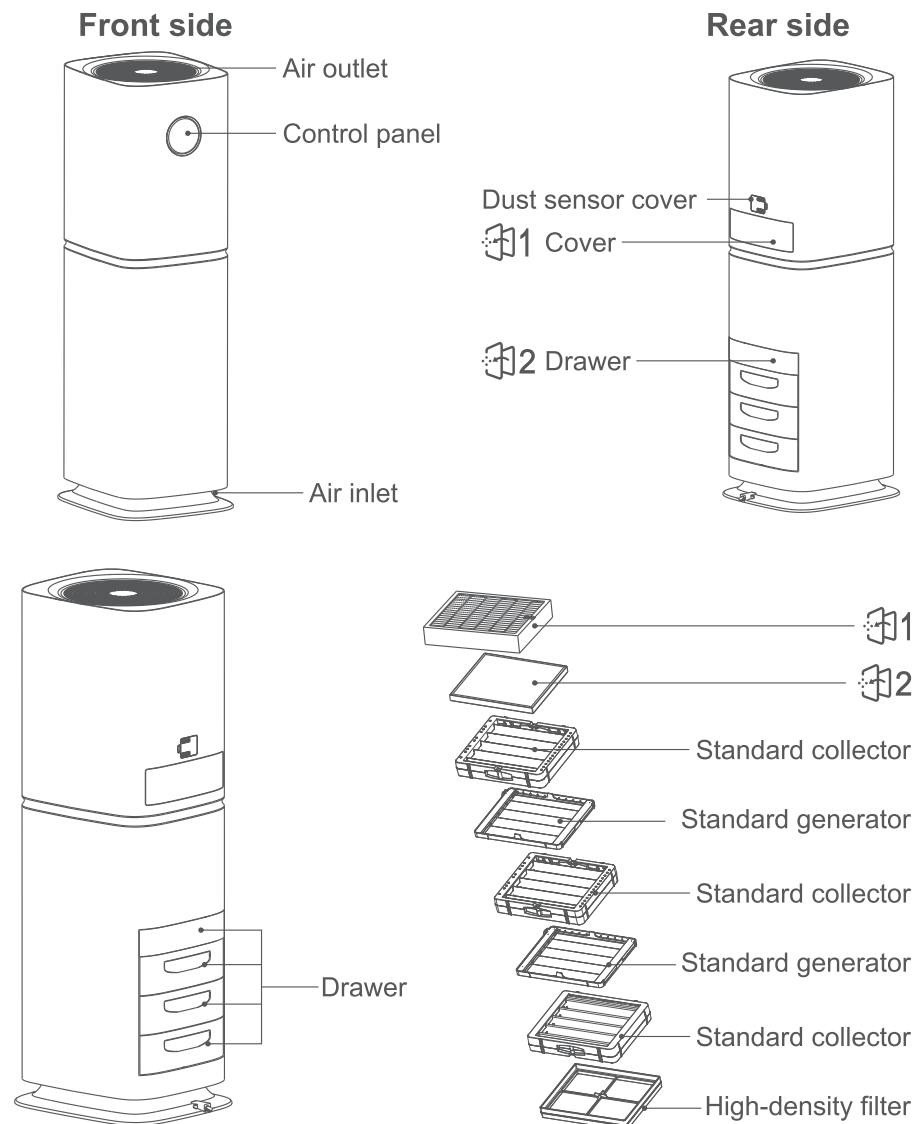
This product adopts a brand-new CEP (Constant Effect Plasma) technology that can charge the particulates (including PM2.5) in the air and then collect them together with bacteria through a collector. The collector can be cleaned regularly and its purification performance is still the same after cleaning. It is made with heating function for sterilization and disinfection. Equipped with the HEPA filter, the product can further purify the air.

Product features

The air enters the product at the lower side, and passes through the CEP (Constant Effect Plasma) module and then the back-seated filter assembly. After several times of air treatment, this product can effectively remove particles, bacteria and other harmful substances in the air.



Parts' Name



Note: The number and structure of the attached accessories may be changed without prior notice. Please refer to the actual product.

Main Technical Parameters

Model	GCC300ASNB
Rated voltage	220-240V~
Rated frequency	50/60Hz
Rated power input (air purification)	58W
Rated power input (Maximum power input)	1940W
Clean air delivery rate of particles(CADR particles)	302m³/h
Noise	62dB(A)
Product dimension	370×423×1273(mm)

Note: If above parameters are changed, please refer to the product.

Packing List

Name	Quantity
Air purifier	1 set
Owner's manual	1 copy
Chain assembly	1 set

Operation Instruction

■ Product Placement

- When placing this product, keep the air inlet and outlet unobstructed. The air inlet and outlet must not be blocked by any obstacles (such as wall and flower pots).
- When this product is used for a long time, the walls and floor around the product may get dirty. Please clean them regularly.
- Keep a proper distance between the air inlet and the wall.
- Please place the product where the air discharged from it can reach every corner.
- Please place the product at a stable place, otherwise it is easy to fall or tip over and be damaged.
- The circuit inside the product may interfere with the TV image and the audio equipment. Therefore, it should be placed 2 meters away from the TV and other equipment.

■ Scope and Precaution

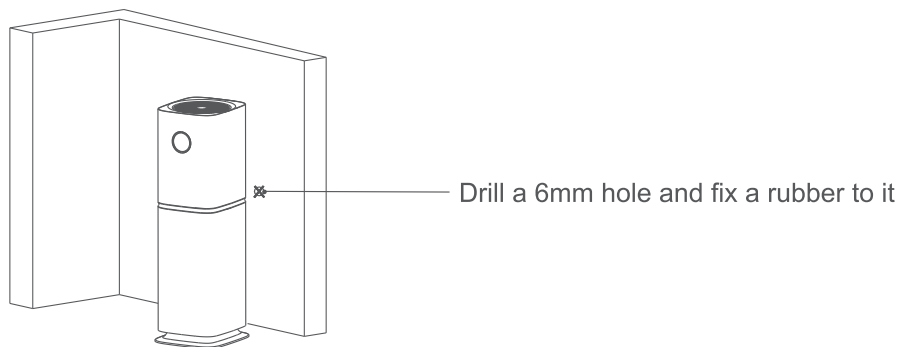
- Rated voltage/frequency: 220-240V~ 50/60Hz
- Recommended working temperature and humidity: 5~40°C, 30%~90%RH
- This product can purify the surrounding air but cannot supplement fresh oxygen. It is recommended to open the window regularly (for example, every day) for more than 10 minutes during use.

■ Install Chain Assembly

Note: Install chain assembly before using the product.

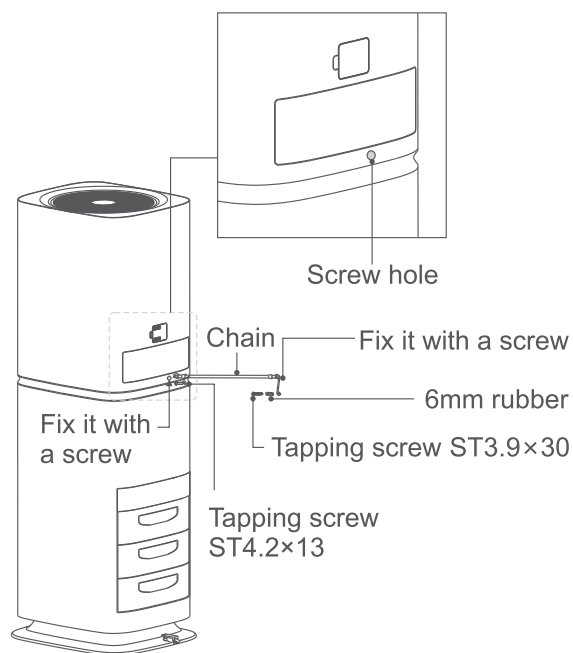
Open the chain fixing hole

Drill a 6mm hole in the wall near the air purifier and fix a rubber to the hole in order to install the chain assembly. The position of the hole can be confirmed by referring to the chain, as shown in the following figure.



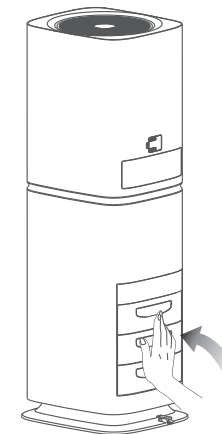
Drill a 6mm hole and fix a rubber to it

First fix the tapping screw (ST4.2×13) of the chain on the rear panel of the air purifier. Then fix the other end of the chain with the rubber on the wall, as shown in the figure below.



Check the drawer, 1 and 2

- The drawer, 1 and 2 contain a position detection device at the rear position. They should to be fully pushed in place before the air purifier can work properly.



Replacement of Filter

- Before replacing the filter, please turn on the unit for 5 consecutive hours. Then remove the power plug and replace the filter.
- 1 and 2 is consumable and cleaning is not available. Please purchase it from designated service dealer or contact customer service center.

Replacement of 1

Tear off the sealing plastic bag of filter before the first usage. Energize it after the following operation steps:

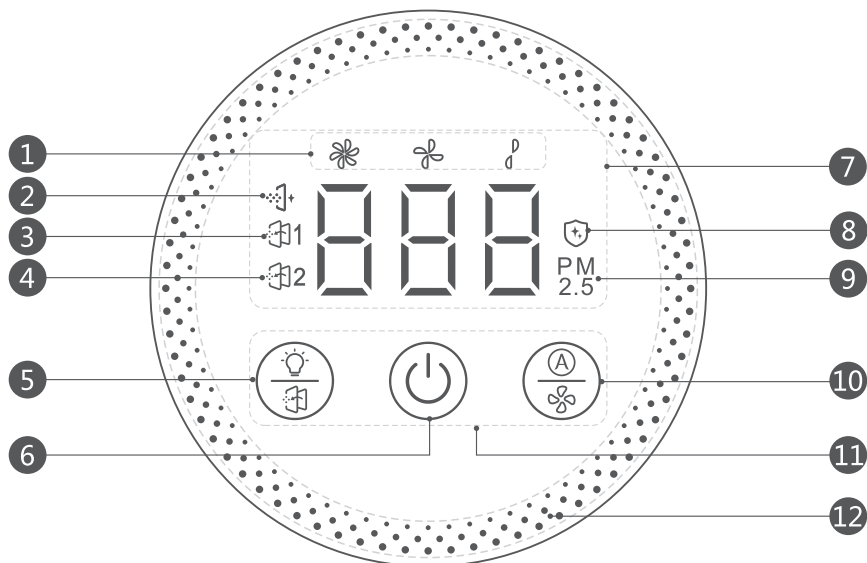
- ①Take down the cover of 1 by pressing the pressing location of the both sides of the cover of 1 ;
- ②Take out the filter and tear off the sealing plastic bag on the surface of filter;
- ③Place the filter to the original location and install the cover of 1.

Replacement of 2

- ①Buckle the gap at both sides of the drawer of 2 with both hands, pull out the drawer of 2 and take out the old filter;
- ②Tear off the sealing plastic bag on the surface of the new filter;
- ③Place the new filter to the drawer, and then push the drawer of screen to the bottom.

Operation

Display and Operation Interface



- | | |
|--|---------------------------------|
| 1 Fan speed mode display | 7 Display part |
| 2 CEP module clean alarm | 8 Disinfection status display |
| 3 Replace filter 1 alarm | 9 PM2.5 numerical value display |
| 4 Replace filter 2 alarm | 10 Auto module/Fan speed button |
| 5 3-color LED on-off/Filter reset button | 11 Operation part |
| 6 ON/OFF button | 12 3-color LED |

Note: PM2.5 value may be different when it detected by different measuring method and measuring instrument. The data is only for reference.

Preparation before startup

If the product cannot work after pressing the ON/OFF button, remove the power plug to check if the 1, 2 and drawers are already put in place. After ensuring that 1, 2 and the drawers have been put in place, re-energize the unit. If the problem still exists, please contact local dealer.

Electrical auxiliary heating function

After starting the unit for 3 hours, the electrical auxiliary heating sub-assy will start to work. After a period of time, it will stop automatically. It stops at the interval of about every 12 hours. Under low speed, the auxiliary heating function will not be started. The electrical auxiliary heating function is used to kill the bacteria on the filter only, not used for indoor heating.

Operation statement

Energization

After the unit is energized, LEDs of the display interface will be on and give out a sound, the ON/OFF button will turn red.








Note: Standby status means, after the unit is energized, no operation is conducted; the above “energization” status means standby status.

ON

- Under standby status, click button to start the unit, all button will be white, the interface will display current PM2.5 value.
- It has power-off memory function. Under fan speed status, previous shutdown status will be memorized; if it is the first startup after energization, the defaulted status is auto fan speed, the LED will be on.
- Under working status, if no operation within 40 seconds, the display and operation interface will enter half-on status; when the 3-color LED on display panel is on, this function will be shielded, please refer to “LED setting”. Under half-on status, click either auxiliary function button, with valid operation, the screen will be on for 40 seconds, press button to turn off the unit directly.

- From standby to startup status, PM2.5 numerical value is not stable temporarily and the interface will display “---”, but the display will be normal after the numerical value is stable.

Fan speed selection


- When the air purifier is working, click  button in sequence to switch the mode among 4 fan speeds (high speed-medium speed-low speed-auto). When CEP is conducting purification and sterilization, the sterilization LED will turn green; when conducting sterilization under high temperature, the sterilization LED will turn orange.
- Under “High speed” status, the  icon will be on; at the same time, CEP purification and sterilization and filtration purification function will be started. The sterilization function under high temperature will operate automatically according to program setting; under high-temperature sterilization stage, the fan speed will be adjusted automatically; after that, the fan will be switched to high speed.
- Under “Medium speed” mode, the  icon will be on; at the same time, CEP purification and sterilization and filtration purification function will be started. The sterilization function under high temperature will operate automatically according to program setting; under high-temperature sterilization stage, the fan speed will be adjusted automatically; after that, the fan will be switched to medium speed.
- Under “Low speed” mode, the  icon will be on; only CEP purification and sterilization and filtration purification function will be started. High-temperature sterilization function is not started. The fan will operate under low speed.
- Under “Auto” mode, ,  and  icons will be off; at the same time, high-temperature sterilization, CEP purification and sterilization and filtration purification function will be started. Under high-temperature sterilization stage, the fan speed will be adjusted automatically; after that, the fan will switch fan speed based on PM2.5 numerical value.

LED setting









When the air purifier is working, click  button to turn on/off the 3-color LED.

OFF

Under ON status, click  button to enter standby status.

If you click  button during the operation of high-temperature disinfection, after the unit enters standby status, the fan will still run for several minutes and blow out the residual heat before stop operation, in order to ensure the safety of the user.

Filter replacement reminder & reset

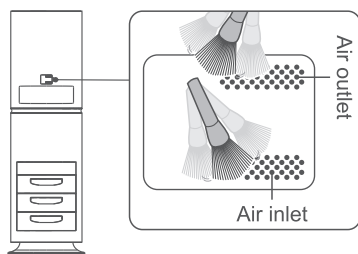
- When the service life of 1 is reached, the icon 1 will blink to remind the user of replacing the filter; when the service life of 2 is reached, the icon 2 will blink to remind the user of replacing the filter; when the cleaning time for CEP purification sterilization parts comes to an end, the  icon will blink to remind the user of cleaning CEP purification and sterilization parts.
- After cleaning or replacing the filter, hold  button for 2 seconds under ON status to enter filter reset selection status; at this time, the display panel will display “RST”; select the filter needs to be reset through  button; the selected filter icon will blink. Hold  button again for 2 seconds to reset this filter. If the reset is successful, the icon will be off.

Clean and Maintenance

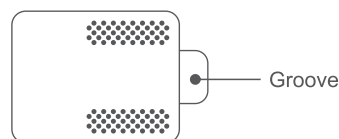
■ Notices for Cleaning

- Before cleaning and other maintenance, the power supply must be disconnected.
- Please do not wash the whole unit with water, otherwise it may cause electric shock.
- Please do not use corrosive, volatile or flammable chemicals to clean the unit; otherwise it may damage the appearance.
- Please do not use water to wash the standard generators; only use soft and dry cloth to wipe it to prevent damaging the parts.
- After cleaning the purification parts and the inside of the drawers, please use it after they are completely dry, otherwise it may cause malfunction.

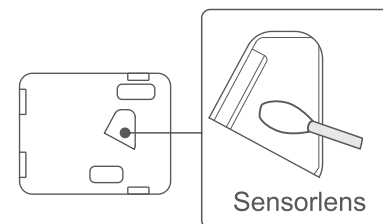
■ Clean the dust sensor



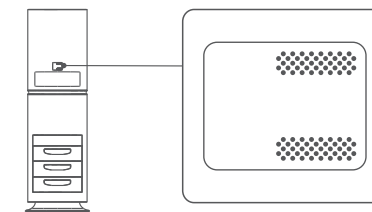
- ① Clean the air inlet and air outlet of dust sensor.



- ② Put the finger at the groove, and then open the cover of sensor outwards.



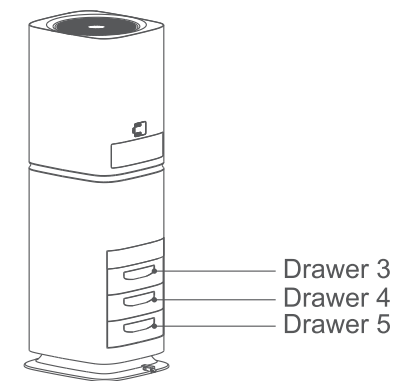
- ③ Use moist cotton swab to wipe the sensor lens slightly and then use dry cotton swab to wipe it to make sure no water left on the sensor.



- ④ Close the cover of sensor.

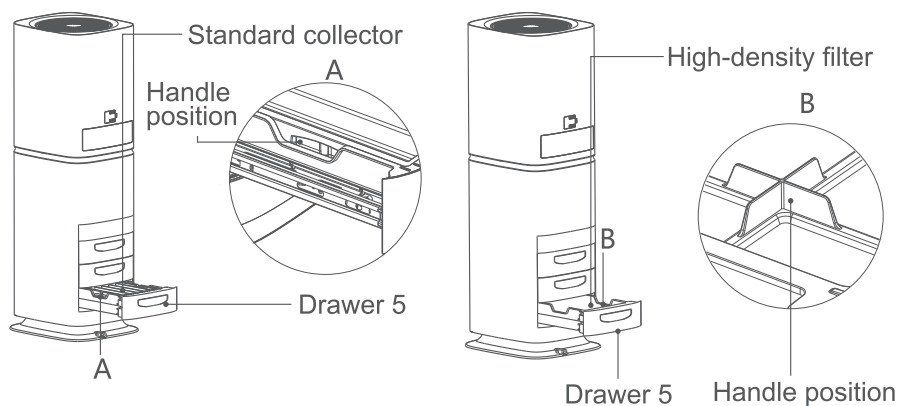
■ Cleaning and Maintenance of Purification Parts

1. There are 3 drawers at the back, put your finger into the hand clasp and draw the drawers out one by one.



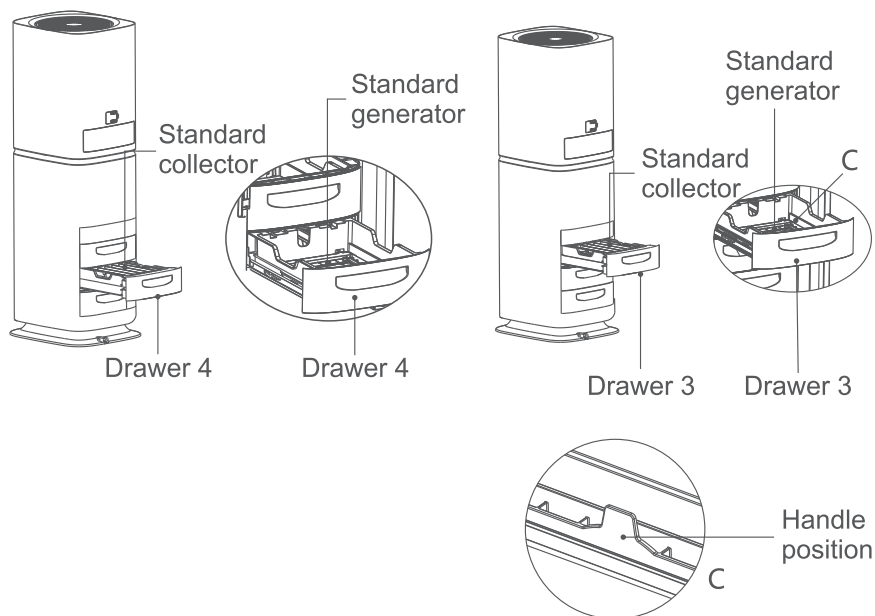
2. After opening drawer 5, take away the standard collector and high-density filter.

Note: There are handle positions at both ends of the standard collector. Hold the handle positions with both hands and lift it upward to take out the standard collector; the high-density filter is also designed with a handle position. Hold the handle position to lift up the high-density filter and take it out.



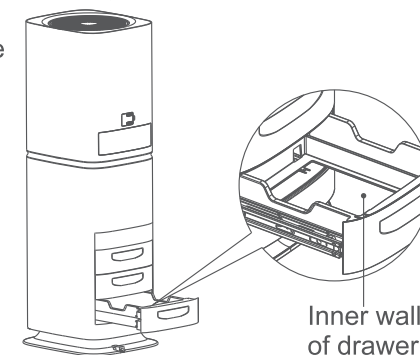
3. After opening the drawer 3 and drawer 4, take out the standard collectors and standard generators in turn.

Note: The way to take out standard collectors is the same as that of drawer 5. There are handle positions at both ends of the standard generator. Hold the handle positions and lift up the standard generator to take it out.

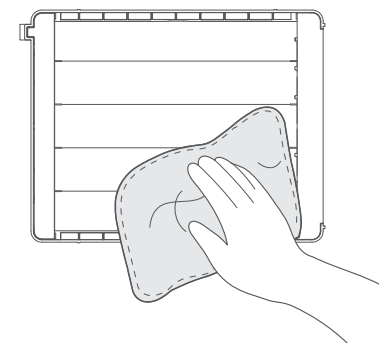


4. Cleaning of the inside of a drawer: use soft and wrung wet cloth to wipe up the inner wall of a drawer, and then dry it by air (or by blower); please ensure that the inner wall of each drawer is dry without residual water.

Note: you can add proper detergent in the water when cleaning the unit to strengthen the cleaning effect.

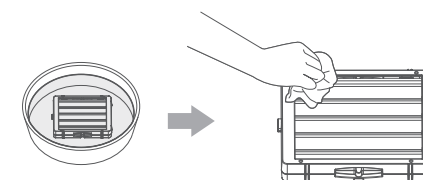


5. Cleaning of standard generator: use soft and dry cloth to slightly wipe it one by one; it is not allowed to use water or other liquid to avoid damaging the components; plastic outer frame of standard generator can be wiped with wrung wet cloth.

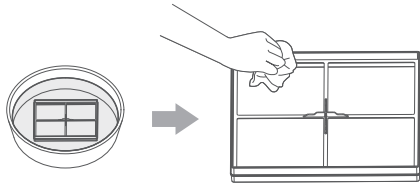


6. Cleaning of standard collector: dip the standard collector in the water for about 30 minutes, and then use cloth to wipe it up and dry it by air (or by blower); please ensure that the inner components are dry without residual water.

Note: you can add proper detergent in the water when cleaning the unit to strengthen the cleaning effect.



7. Cleaning of high-density filter: remove the foreign matters in the surface of high-density filter or use water to simply wash, and then dry it by air (or by blower); please ensure that the components are dry without residual water.



8. After cleaning, reinstall the standard connectors, standard generators and high-density filter into the corresponding drawers, and then push drawer 3, 4 and 5 to the main unit in sequence; please ensure that the drawers are completely pushed in place, then the cleaning and maintenance is done.


Note: The three standard collectors are with interoperability that can be used mutually; the two standard generators are also with interoperability. The high-density filter must be installed in the original position (the bottom of the drawer 5).



9. The standard collectors can normally work by placing at forward and reverse side, which will not impact the performance of the unit.

Troubleshooting

Please check below items before asking for maintenance. If problem still exists, please contact the appointed service provider or customer service center in time.

Not operate

Do not operate or do not start after clicking  button

- Check if the power supply is well connected? Please check if it has connected to 220-240V~50/60Hz power supply.
- Please check whether three drawers,  1 and  2 are completely pushed in place.

There is abnormal sound




There is hiss sound during the operation of unit

There may be hiss sound during operation when the unit is in the following cases:

- Check if the standard generators and standard collectors are well installed;
→Please install them well.
- There is too much dust in the standard generators, standard collectors, and inside of the drawers;
→Please clean and maintain it.
- The unit has inhaled larger particles or hair;
→Please remove the foreign matters.
- After cleaning and maintenance, there is residual water inside the unit;
→Please dry it by air.




🌀 icon blinks for reminder

- After cleaning and maintenance, re-energize the unit to reset cleaning time?

Re-energize the unit, under ON status, long press  button for 2 seconds, short press  to select 🌀, and then long press  button for confirmation.

🌀1 or 🌀2 icon blinks for reminder

- When the service life of 🌀1 or 🌀2 comes to an end, please purchase or replace it from designated service dealer or contact customer service center.

After replacing the filter according to the “Filter replacement” chapter, re-energize the unit. Under ON status, long press  button for 2 seconds and short press  to select the filter needs to be reset, then long press  button for confirmation.

When operating under favorable environment, the air quality LED will always be red

The dust sensor is dirty. Please refer to the “Cleaning and maintenance” chapter for dust sensor cleaning.

The PM2.5 value on display panel displays “F2/L3/E3/E4/E5/E8/H0”, or the PM2.5 value of air inlet/outlet displays “---” (over 3 minutes)

Please contact our authorized maintenance center.

There is slight peculiar smell

- The operation of CEP air purifier will generate slight ozone.
(Note: According to the requirement of Article 32 of IEC 60335-2-65, the maximum ozone concentration produced by the product running continuously in a 30m³ enclosed space for 24 hours is not more than 0.05ppm.)

Exception Clauses

Manufacturer will bear no responsibilities when personal injury or property loss is caused by the following reasons:

1. Damage the product due to improper use or misuse of the product;
2. Alter, change, maintain or use the product with other equipment without abiding by the instruction manual of manufacturer;
3. After verification, the defect of product is directly caused by corrosive gas;
4. After verification, defects are due to improper operation during transportation of product;
5. Operate, repair, maintain the unit without abiding by instruction manual or related regulations;
6. After verification, the problem or dispute is caused by the quality specification or performance of parts and components that produced by other manufacturers;
7. The damage is caused by natural calamities, bad using environment or force majeure.