



Operation Manual



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Deodorization

Fresh

Health

WWW.GREE.CA

St-Mathieu-de-Beloeil (Québec) Canada

1-866-680-GREE

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Correct Disposal of this product

Do not dispose of this product with unsorted municipal waste. This product must be disposed of separately in accordance to electronic waste regulations.

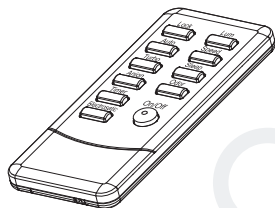
Product Introduction

Through five purification functions of anti-bacterial and anti-fungus filter, catalytic decomposition of the cold catalyst, HEPA high efficient filter, activated carbon adsorption technology, it can effectively remove airborne bacteria, dust, harmful gases etc.

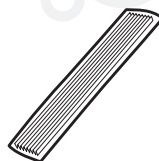
- **Silver ions anti-bacterial and anti-fungus**
Inhibit various types of bacteria. It is washable, and the function is lasting.
- **Catalytic decomposition of the cold catalyst**
It has strong catalytic ability, can decompose eliminate odors rapidly, and will not cause secondary pollution.
- **HEPA 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 carbon can efficiently adsorb harmful gases.**
The 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

Remote control



Cotton filter(3)



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, please contact a technician to have your cord either repaired or replaced.
- ⚠ 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 pulling out the plug.
Otherwise, it may cause electric shock, short circuit, fire or other accidents.
- ⚠ Please remove the dust on the plug periodically.
Fouling can cause humidity and then leakage, which will cause fire, electric shock or other accidents.
- ⚠ If it is not used for a long time, unplug this unit.
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 this unit is sensible to humidity.
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 spraying pesticides in the room.
The inside of the machine will accumulate pharmaceutical components, and release them by the outlet, which will affect health.
- ⚠ To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact qualified personnel to install the proper outlet. Do not alter the plug in any way.

Attentions

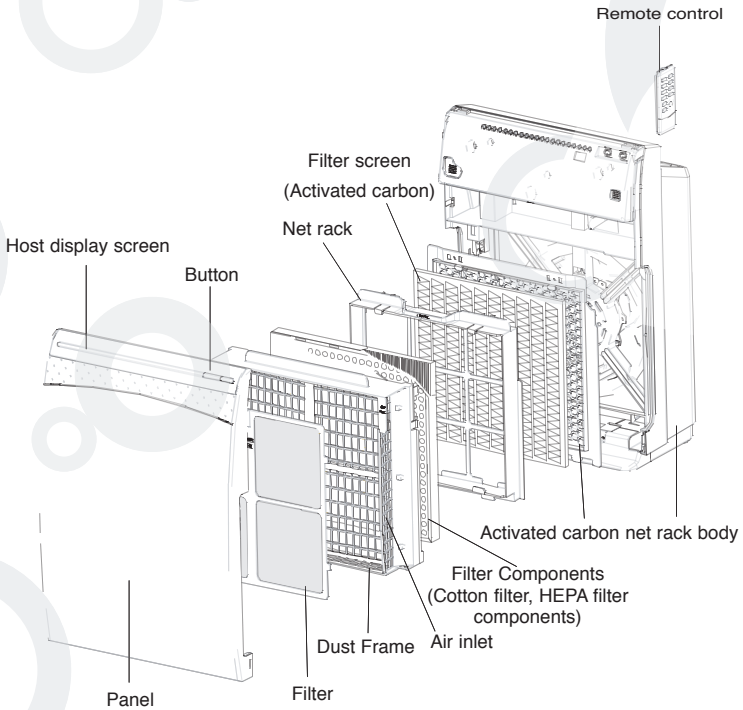
Note in use

- ★ Please put in a stable place with smooth air circulation.
If you want to remove the dust in the room, it will be more effective when the machine is located 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 located the unit close to any lights.
Otherwise, the receiver sensitivity of the remote control will decline.
- ★ Do not place the machine near heating sources, such as baseboard heaters.
The heat will cause the machine fading or deformation.
- ★ The machine should be 2 meters (80 inches) 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 (4 inches) far from the wall.
Prolonged use will make the walls dirty. Clean the wall 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 Customer Service for any servicing.
- ★ 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.

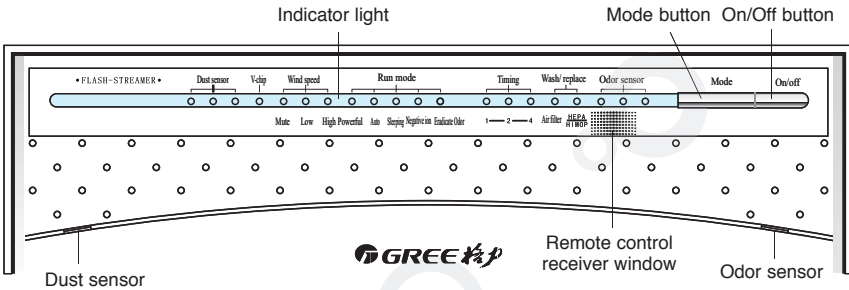
Parts name

Host parts

1. Host computer parts

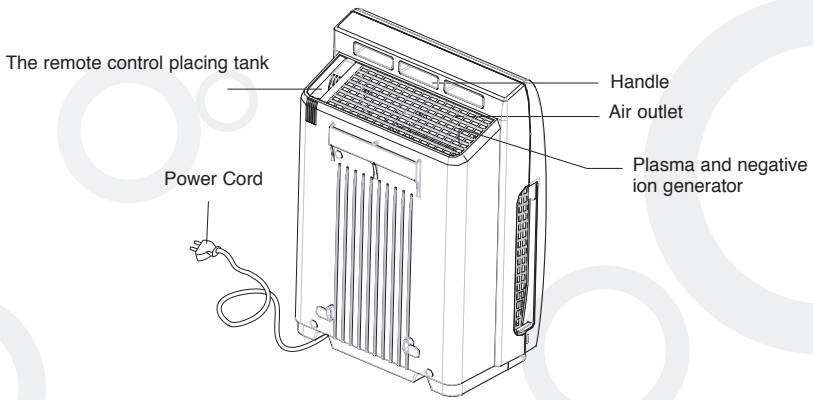


2. Host display



Parts function

1. 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. 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 absorb most smell, and remove the ammonia, acetic acid and other harmful gases in the air.

Parts function

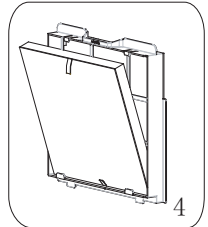
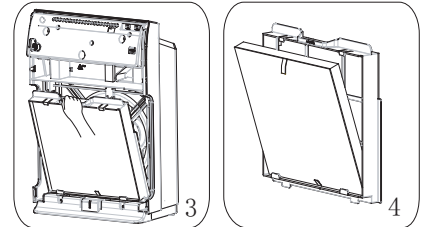
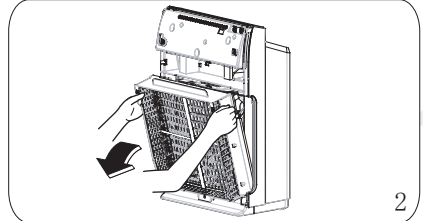
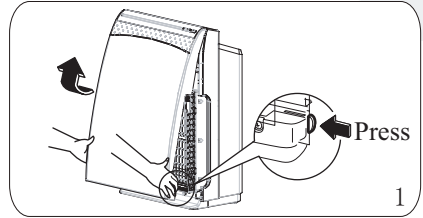
- 6• Dust sensor**
It can sense the cigarette smoke, pollen, dust and other particulate matter, and detect the air pollution level.
- 7• Button**
On/off button and mode button respectively control the switch and operating mode of the machine.
- 8• Remote control**
Set up the remote control to achieve perfect functional regulation.
- 9• Air inlet**
Air inlet
- 10• Air outlet**
Clean air blowing outlet
- 11• Handle**
Use it when moving the machine.
- 12• The remote control placing tank**
It is used to store 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 115V~ 60Hz 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• Timer lights**
Instruct to set on/off time of the machine.
- 18• Replace indicating lamp**
If the light flashes, it indicates the HEPA filter component has to be replaced.
- 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.

Preparation before usage

Air purifier preparation

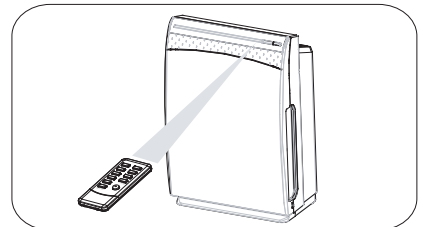
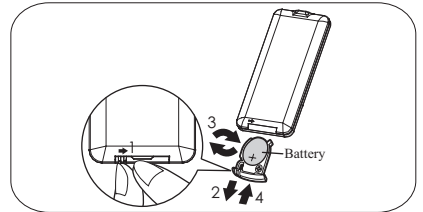
Remove the packaging bags before use and then connect to the power to start the machine.
(Please refer to the picture in operation.)

1. Open and remove the panel
2. Remove the dust collection frame
3. Remove filter grid
4. Remove the cotton filter and HEPA filter component
5. After tearing off the plastic packaging of the cotton filter and HEPA filter components, put them into the filter grid.
6. Reinstall 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, close the battery cover before using the remote.
2. Use the remote control
 - Please point the remote control in direction of the captor.
 - The remote control should be used in the effective range.
 - Make sure there is no obstruction between the remote control and air purifier, otherwise it will affect the signal transmission.

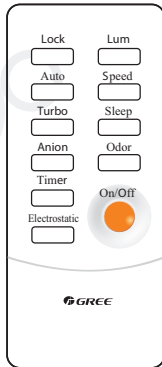


Remote Control Operation

Remote Control Operation

Use the remote control to program the air purifier to your preferred level.

Remote control

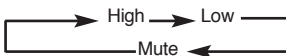


On/Off On/Off button

- Click the button when it is in standby mode, and the machine will begin to run. If you press it again, the machine will stop running.

Speed Speed button

- When it is in running state, fan speed will switch according to the following sequence. When the speed light flashes, then you can select the fan speed.



Turbo Turbo button

- When it is in running state, click the button and the machine will be in this mode. Plasma opens, and the fan runs in ultrahigh speed.
- ※ High air-flow can quickly remove dust in the air, and it is easy to use in cleaning the air.

Lock Lock button

- When the unit hasn't been locked, after pressing this button for more than 2s, the lock LED is bright and the controller will be locked.
- When the unit has been locked, after pressing this button for more than 2s, the unit will be released. Re-energizing after power off, it will default to no lock status.

Timer Timer button

- If it is in power state, every time you press the button, the timing will change according to the following sequence. And the timing light will flash accordingly, then select the time.



- **Note:** when it is at power on, the timing is for timed shutdown; when it at power off, the timing is for timed power on.

Odor Odor button

- When it is in running state, click the button, the machine will be in this mode. The plasma opens, and the fan will run at the highest speed.
- ※ You can change the fan speed through the speed button.

Anion Anion button

- When it is in running state, click the button, the machine will be in this mode. The negative ion opens, and the fan will run at low speed.
- ※ You can change the fan speed through the speed button

Sleep Sleep button

- When it is in running state, click the button. The machine automatically adjust mute fan speed or low speed according to air quality.
- ※ In this mode, the "speed" button is non-functional.

Auto Auto button

- When it is in running state, click the button. The machine automatically adjust the on/off switch of plasma according to air quality.
- ※ In this mode, the "speed" button is non-functional.

Electrostatic Electrostatic button

- The button is non-functional on this machine.

Lum Auto button

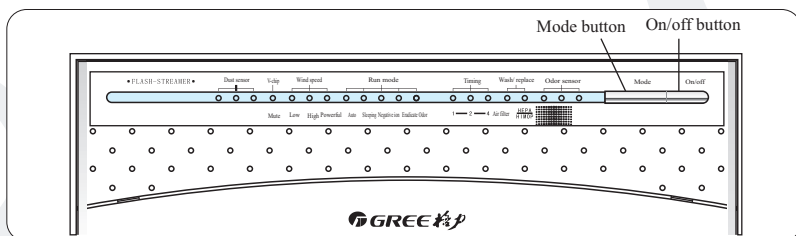
- When pressing the button, the brightness of LED will be adjusted; the brightness of the dust sensor and odor sensor will circulate as bright-dark-offbright, while the others will circulate as bright-dark-dark-bright.

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.

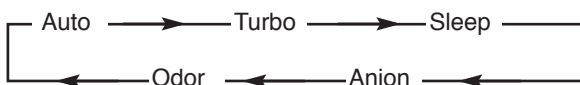
Note: the machine has a function of memorizing unexpected power-down. If the machine is unexpected power down when it is in operation, it will automatically return to the state before accidental power failure when the power is on again.



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: At the first time of operation, the odor sensors will take two minutes to initialize. The odor detector is non operative during this time.

Odor High fan speed

Sleep Mute fan speed

Anion Low fan speed

Turbo Super high fan speed

Cleanig and maintenance

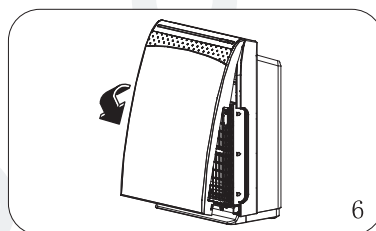
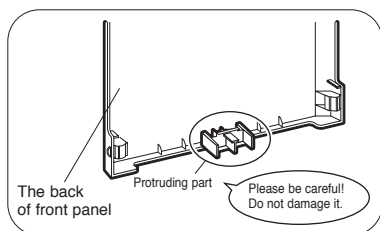
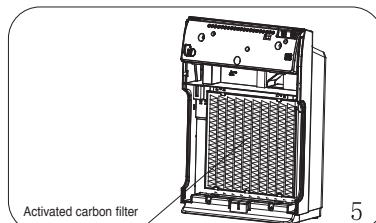
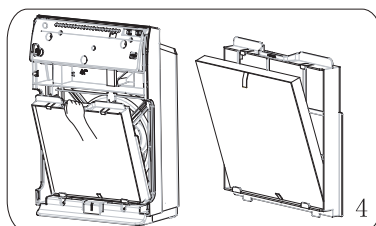
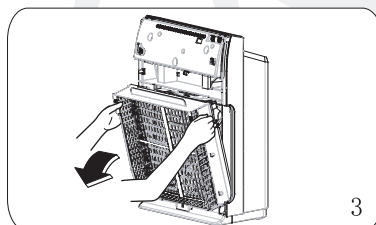
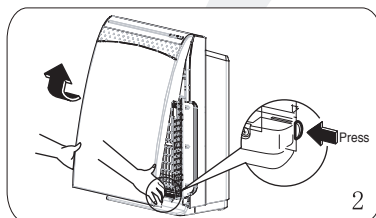
Cleaning and maintenance

※ 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 filter grid out**
Pull the handles, pull it out, and take the filter grid out upward when the sound "click" is heard.
- 5. Remove the activated carbon filter**
- 6. Re-install the machine in a reverse order.**

Note:

Do not scratch the surface when removing the front panel. Take care of the protruding part on the back, if it 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 body of the machine 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 and thinner 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.

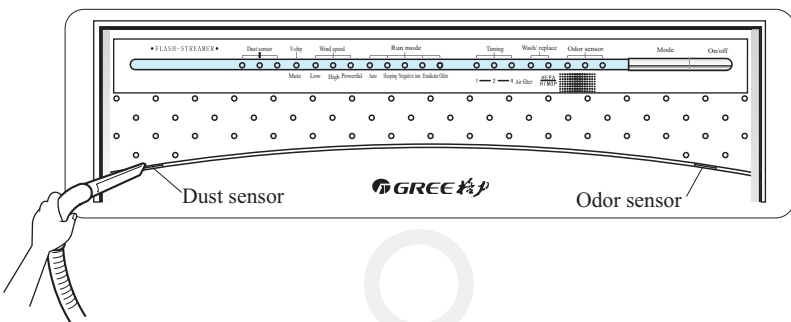
2. Filter Components Cleaning

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 residu is left.
- After cleaning, replace the filter components in the proper pattern. the filter components again. Press the mode button for 5 seconds in the holding state, 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.



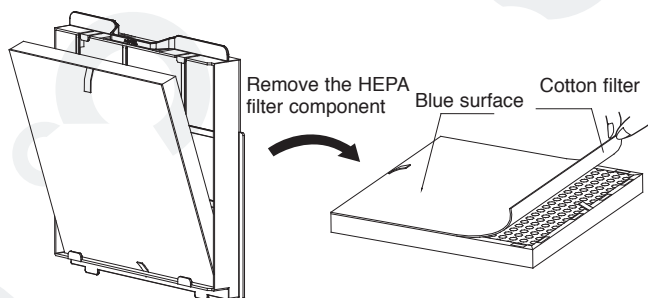
Maintenance instructions

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

1. The replacement period of cotton filter varies depending of operating time and location.
Depending on the environment, sometimes you can use more than 1 year, but sometimes it may also becomes 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 that the 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 HEPA filter component.
Then correctly press the cotton filter on HEPA filter components



4. After HEPA filter component is replaced, all the indicators shines 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, HEPA filter components and activated carbon filter, belongs to the consumer. This is not covered by the warranty. There are 3 cotton filters attached to the machine.

Attention :

- The activated carbon filters, filter cotton and 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 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.

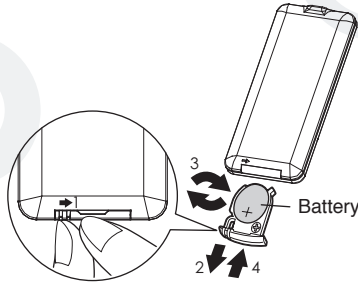
Maintenance instructions

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 tape and 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
Air purifier does not start	Is the power plugged in?	Plug the power supply
	Is the panel correctly installed?	Replace properly the panel
There is no air blowing		Please contact the after-sales service in this case
Does 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 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 (80 inches) away from the machine or is there any indoor antennas near the machine?	Move the TV, radio, and indoor antennas more than 2 meters (80 inches) 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.
The air outlet emits bad odors	Is there lots of smell released temporarily? (Many people smoking or barbecue.)	The smell will be gradually disappear when the machine runs for some time.
	Is the activated carbon filter not cleaned or replaced since a long time?	Clean or replace the activated carbon filter

Specifications

Model	GCF280CANA			
Power supply	115V□60Hz			
Fan Speed	Turbo	High	Low	Mute
A i r F l o w (m³/h)	280	200	150	110
Power (W)	62	48	43	37
Noise (dB)	48	38	34	28
Maximum Cleaning area (m²)	55			
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.

GREE products are subject to continuous improvements. GREE reserves the right to modify product design, specifications and informations without notice and without incurring any obligations.

WARRANTY

LIMITED WARRANTY

This AIR PURIFIER is covered by a warranty against defects in materials and workmanship, if used for the applications specified in this owner's manual, for a period of ONE (1) YEAR from the date of original purchase in Canada.

During the warranty period, if this AIR PURIFIER fails under normal use, **GREE** will, at its option, either repair the unit or replace it, free of charge, within a reasonable period of time after the AIR PURIFIER is returned.

As a condition to any warranty service obligation, the customer must present this warranty certificate along with the proof of purchase.

THIS WARRANTY DOES NOT COVER :

1. Damage, accidental or otherwise, to the AIR PURIFIER that are not caused by materials or workmanship defect.
2. Damage caused by misuse, tampering or failure to follow the operating and maintenance instructions provided in this owner's manual.
3. Damage to the finish of the unit enclosure or to other outer features caused by wear.
4. Filter.
5. Damage caused by repairs or modifications to the air purifier made by any person not duly authorized by **GREE**
6. Insurance and freight costs for the warranty service.

ALL IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, ARE LIMITED TO A ONE (1) YEAR PERIOD COVERED BY THIS EXPRESS LIMITED WARRANTY. **GREE** DISCLAIMS ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES AND, IN NO EVENT, SHALL **GREE**. LIABILITY EXCEED THE RETAIL VALUE OF THIS AIR PURIFIER FOR BREACH OF ANY WRITTEN OR IMPLIED WARRANTY WITH RESPECT TO THIS AIR PURIFIER.

Keep this owner's manual along with your proof of purchase in a safe place for future reference. You must provide proof of purchase for warranty service.

Enter the following information on your air purifier; it will help you upon getting assistance or service if you ever need it. You will have then to provide the model and serial numbers of the air conditioner – these data are detailed on the rating plate of the unit.

Dealer name : _____

Address : _____

Model number: _____

Serial number : _____

Date of purchase : _____