



# OWNER'S MANUAL

## TABLE OF CONTENTS

WELCOME.....	2
WARRANTY.....	3
RECORDS/SPECIFICATIONS.....	4
WARNINGS.....	5
PRODUCT INTRODUCTION .....	6-7
DIAGRAMS.....	8-11
SETUP & OPERATION.....	12-14
DISASSEMBLY/ASSEMBLY.....	15-16
CLEANING.....	17
TROUBLESHOOTING.....	18

Welcome to the joys of cleaner air and a healthier life. You are the owner of one of the most technologically-advanced purification systems available—the GT3000.

The combination of four innovative technologies, Photo Catalytic Oxidation (PCO), Needlepoint Ionization, Scalable Purification and Electrostatic Filtration, sets the GT3000 apart from similar air purifiers on the market. The GT3000 uses these technologies to reduce particles and inactivate microbes in the output radius creating a healthier living space with pristine air quality.

The GT3000 is designed to provide years of trouble-free service when it is properly maintained. Keep this manual. It will guide you through the steps to operate your machine and the maintenance procedures which will keep your GT3000 in tip-top shape for years to come. Even when properly cared for, some parts of the unit will need to be replaced periodically. Replacement parts can be purchased from your authorized distributor or directly from GreenTech Environmental ([www.GreenTechEnv.com](http://www.GreenTechEnv.com)).

We hope you enjoy your GT3000 and the overall healthier living environment it creates.

Sincerely,

A handwritten signature in black ink, appearing to read "Allen Johnston". The signature is fluid and cursive, with a large initial "A" and "J".

**Allen Johnston, President/CEO**  
**GreenTech Environmental**

# LIMITED WARRANTY

Your GT3000 Air Purifier is warranted to be free from all defects in material and workmanship in normal household use for a period of (1) year from date of purchase. The warranty is granted only to the original purchaser and members of his or her immediate household. The warranty is subject to the following provisions.

This warranty does not cover parts of the Air Purifier that require replacement under normal use. This includes the purifier plate and rear filter assembly. Although the PCO cell requires periodic replacement, the cell is warranted for the same 1 year period as the purifier. Any damages or malfunctions caused by negligence, abuse, or use not in accordance with the Owner's Manual are not covered by this warranty. Likewise, any defects or damages caused by unauthorized service or the use of other than Genuine GreenTech parts are not covered.

GreenTech will, at its option, repair or replace a defective Air Purifier or part(s) for the Air Purifier that is covered by this warranty. As a matter of warranty policy, GreenTech will not refund the customer's purchase price.

To register your warranty, please visit [www.GreenTechEnv.com/warranty](http://www.GreenTechEnv.com/warranty) or fill out and return the warranty registration card that came with your Air Purifier.

To obtain warranty service you must return the defective Air Purifier or Air Purifier parts along with proof of purchase to the GreenTech Authorized Warranty Station. All transportation charges on parts, or units, submitted under this Warranty shall be borne by purchaser. Unless this Warranty is expressly renewed or extended by GreenTech Environmental, any repaired or replaced part of unit shall be warranted to the original purchaser only for the length of the unexpired portion of the original warranty. For the location of the nearest GreenTech Authorized Warranty Station or for service information in the United States or Canada, please visit us online at: [www.GreenTechEnv.com/service](http://www.GreenTechEnv.com/service)

## Further Limitations And Exclusions Are As Follows

Any warranty that may be implied in connection with your purchase or use of the Air Purifier, including any warranty of merchantability or any warranty for Fitness For A Particular Purpose is limited to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

Your relief for the breach of this warranty is limited to the relief expressly provided above. In no event shall GreenTech Environmental be liable for any consequential or incidental damages you may incur in connection with your purchase or use of the Air Purifier. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

## Registration

Please register your new GreenTech Air Purification product within 10 days of purchase by visiting [www.GreenTechEnv.com/warranty](http://www.GreenTechEnv.com/warranty) or fill out and return the enclosed warranty registration card. Registering your new GreenTech product entitles you to the most up-to-date GreenTech product warranty and promotion information.

## RECORDS

PURCHASE DATE: \_\_\_\_\_

MODEL NUMBER: \_\_\_\_\_

SERIAL NUMBER: \_\_\_\_\_

DISTRIBUTOR NAME: \_\_\_\_\_

DISTRIBUTOR PHONE: \_\_\_\_\_

## CONSUMER INFORMATION

GreenTech Environmental declines all responsibility for all damages arising from improper use of the unit or in case of tampering with the unit.

## SPECIFICATIONS

### Unit

Size: 12" high x 9" wide x 12" deep

Weight: 10.2 lb.

Coverage: 250ft<sup>2</sup> to 3000ft<sup>2</sup> (23m<sup>2</sup> to 279m<sup>2</sup>) \*

### Power Cord

Fuyuang Switching Power Supply

Model: FY3803000

Input: 100-240VAC 50/60Hz 2.5A

Output: 38VDC 3A

See the power supply label for certifications and warnings.

### PCO Cell

Normal Mode Output: < 0.02 ppm ozone (ambient room concentration)

### Purification Plate

High Mode Output: 25-360mg ozone per hour

### Ionization Needle

24 to 30 KV, 20-30 Khz Ion Generation Pulsator

6 KV DC Needle Ion Generator

\* Depending on variables such as the severity and frequency of pollution, flow of air in the environment, humidity and temperature.

# WARNINGS

Review this list before use and performing any maintenance or cleaning of your unit.



**WARNING:** Never operate unit near heat source, open flame or flammable/combustible fluids.



**WARNING:** Do not operate unit unless all parts (including PCO Cell, Purification Plate, Rear Filter Assembly and Rear Cover) are properly installed.



**CAUTION:** Directly viewing the lamp inside unit for an extended period (longer than 20 min.) may result in eye damage.



**CAUTION:** Never adjust setting to exceed square footage of ventilated space being treated.



**CAUTION:** Do not use AWAY MODE in occupied spaces. Short term exposure to ozone levels exceeding 0.5 ppm can cause temporary adverse reactions.



**CAUTION:** Unit should be powered OFF and Power Cord should be disconnected when Cleaning/Disassembling/Reassembling/Serviceing.

# PRODUCT INTRODUCTION

## BENEFITS

---

The GT3000 air purifier system brings the most advanced air purification technology into the comfort of your home. Unlike other air purifiers, the GT3000 does more than simply filter the air in your space. Incorporating technology like photo catalytic oxidation, high level negative ionization, scalable purification and electrostatic filtration allows the air purification system to provide tangible benefits to your home or workspace by:

- **Destroying pollution from the air, embedded in walls, ceilings, floors, carpets, furniture, etc.**
- **Reducing or eliminating odors such as cigarette smoke, mildew, food, etc.**
- **Contributing to the sanitization of all surfaces within the home.**

The whisper quiet five-speed fan disguises the power encapsulated in the advanced air purification system. Having the GT3000 in your home will not only improve the quality of air, but, most importantly, it will improve the quality of life.

## EASE OF USE

---

The GT3000 is your hassle-free provider for clean air and healthy living. With proper care and maintenance (see “*CLEANING*” page 17), the GT3000 will operate with the same robust power and efficiency for several years beyond the date of purchase. With the push of a button the GT3000 starts working to eliminate the biological contaminants and dangerous pathogens in your home or office. Enhancing your overall quality of life has never been this easy.

## AVAILABILITY OF SUPPORT

---

This Owner's Manual will provide comprehensive information regarding all aspects of your GT3000. If you experience any technical issues with your device, refer to the Troubleshooting section of this booklet. The solution for many of the commonly reported problems is listed in detail in the Troubleshooting section (page 18). If the problem you are experiencing is not listed in the Owner's Manual and/or you need additional support, please feel free to email us at [support@GreenTechEnv.com](mailto:support@GreenTechEnv.com).

## FOUR TECHNOLOGIES

---

### Advanced Photo Catalytic Oxidation

The Photo Catalytic Oxidation (PCO) Technology in the GT3000 not only destroys biological contaminants but also produces purifying plasma which eliminates odors, mold, bacteria and viruses. PCO Cells have been proven to reduce dangerous pathogens by more than 99% in less than 24 hours through a process called molecular disassociation which actually breaks down the molecules instead of simply covering up the source. The result at the end of the breakdown process: harmless carbon dioxide and water vapor.

### Needlepoint Ionization

The GT3000 generates a continuous stream of millions of negative ions that circulate throughout the home. These ions charge particles (such as dust, dander or bacteria) causing them to attract other particles and clump together. As more and more particles come together, they become heavier, making them easier to pull into the home's HVAC air filter or just fall to the floor to be vacuumed up. Unlike HEPA filters that can only filter out particles of .5 microns or larger, the ionizer in the GT3000 can reduce ultra-fine, even nano particles, that are much more dangerous than the larger particles you can actually see.

### Scalable Purification

The system allows for adjustable purification settings in order to accommodate the specific needs of the user at the time. Using these settings will help your machine provide optimum performance appropriate for its environment. In High Mode, the purification plate generates activated oxygen to assist in breaking down contaminants which cause odors. For faster cleanup, the machine can be set to Away Mode which has a programmable auto-shutoff timer feature. This allows the machine to generate maximum output when the room or home is unoccupied.

### Electrostatic Filtration

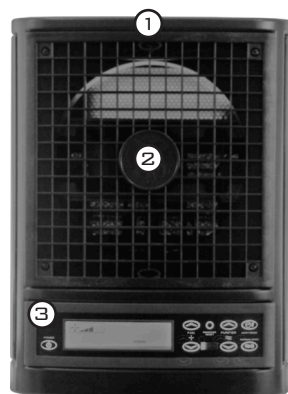
An advanced electrostatic filter is included with the GT3000 to help keep the purifier clean while at the same time filter out the clumped particles (See Needlepoint Ionization). Several layers of media make up the filter. The friction created by these layers and the particles filtering through them creates a negative charge further attracting particles and directing them into the filter. Unlike expensive HEPA filters, the electrostatic filter is washable and can be used over and over again.

# DIAGRAMS

## (UNIT)

---

Front of Unit



- ① IONIZATION NEEDLE
- ② FRONT GRILLE
- ③ CONTROL PANEL

Rear of unit



- ① REAR COVER SCREW
- ② REAR COVER CLASPS
- ③ POWER ADAPTER INLET

Side of Unit

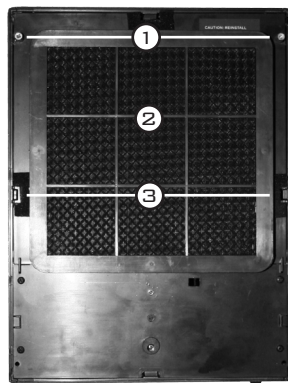


- ① REAR COVER
- ② UNIT REAR
- ③ UNIT FRONT



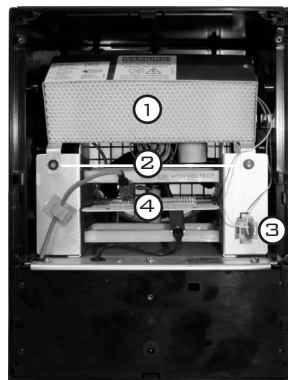
## (UNIT)

Rear of Unit (Rear Cover Removed)



- ① BRASS THUMBSCREWS
- ② FILTER ASSEMBLY
- ③ FILTER ASSEMBLY CLASPS

Rear of Unit (Filter Assembly Removed)



- ① PCD CELL
- ② PCD CELL NUTS
- ③ PCD CELL CONNECTOR
- ④ PURIFICATION PLATE

Power Supply

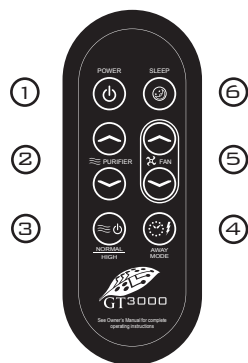


- ① POWER CORD
- ② POWER CORD PLUG
- ③ POWER ADAPTER
- ④ POWER ADAPTER PLUG

# DIAGRAMS

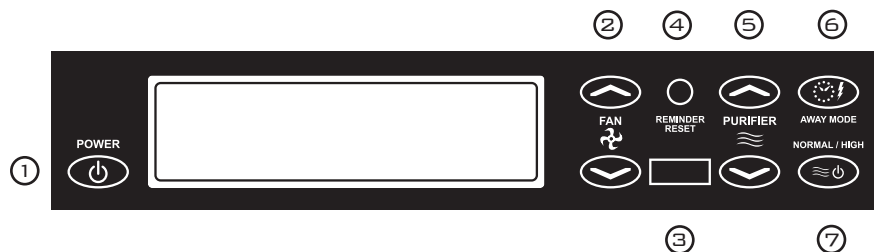
## (CONTROLS)

### Remote



- ① POWER BUTTON
- ② PURIFICATION LEVEL CONTROL
- ③ NORMAL/HIGH MODE CONTROL
- ④ AWAY MODE CONTROL
- ⑤ FAN LEVEL CONTROL
- ⑥ SLEEP MODE CONTROL

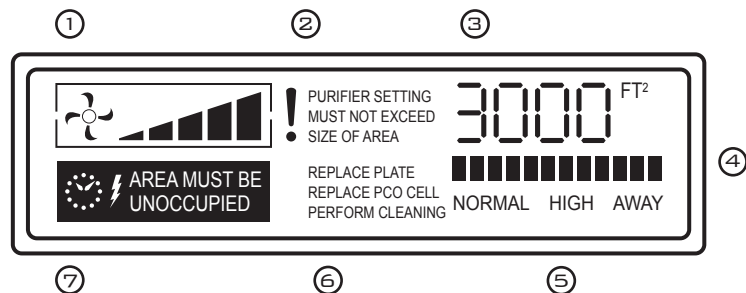
### Control Panel



- ① POWER BUTTON
- ② FAN SPEED CONTROL
- ③ INFRARED RECEIVER
- ④ REMINDER RESET BUTTON
- ⑤ PURIFIER LEVEL CONTROL
- ⑥ AWAY MODE TOGGLE
- ⑦ NORMAL/HIGH TOGGLE

## (CONTROLS)

### Control Panel Screen



① FAN SPEED INDICATOR

④ MODE INDICATOR

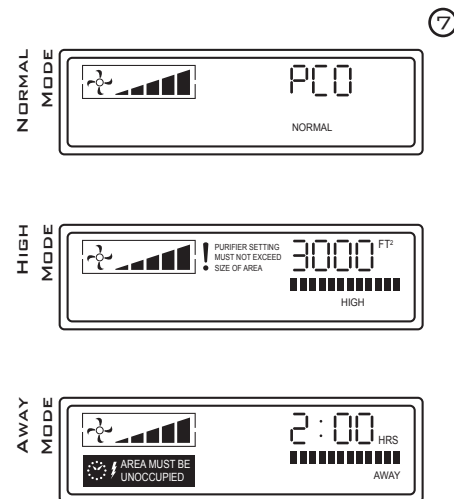
⑥ PURIFICATION LEVEL INDICATOR

② MAINTENANCE REMINDERS

⑤ PURIFICATION LEVEL WARNING

⑦ AWAY MODE WARNING

### Mode Specific Display



③ MODE SPECIFIC DISPLAY  
NORMAL - TECHNOLOGY INDICATOR (PCO)

HIGH - SQUARE FOOTAGE INDICATOR

AWAY - MODE DURATION INDICATOR (HOURS:MINUTES)

# SETUP & OPERATION

## INITIAL SETUP

---

### Ideal Placement

There are several important factors to consider when selecting a location for your GT3000:

- Make sure the location you choose is as far away from the HVAC air return duct as possible. This will ensure that the purification produced by the GT3000 is optimally circulated.
- Place the unit on top of something tall such as a bookcase, a shelf or a mounting bracket, leaving only 12 to 24 inches between the unit and the ceiling.
- To ensure the unit works properly, there should be as much space as possible in front of your GT3000 so that it can efficiently process the air in the area.
- Never place an operating unit on the floor.

### Initial Settings

Before using the unit you will need to find the area (or square footage) of the environment. To do this accurately, take into account all connected rooms with open doorways (the purification does not flow readily through closed doors). The GT3000 can purify up to 3,000 square feet of space.

**For example:** Suppose you have a 2500 square foot house. The living room is attached to the kitchen, three bedrooms, the den and a laundry room. The kitchen and three bedrooms' doors remain open the majority of the time but the laundry room and den usually remain closed off from the rest of the house. Together, the laundry room and den have a combined area of 500 square feet. The area of the environment you would want to set your GT3000 and purify would be 2000 square feet.

Once you have determined an ideal location for your unit and calculated the area of the environment:

1. Connect the *Power Cord* to the *Power Adapter* and the *Power Adapter Plug* into the unit. (Check to be sure your power supply is properly assembled. The *Power Cord* should be inserted far enough into the *Power Adapter* so that a space of only about 1/8 in. is left between the widest part of the power cord and the edge of the *Power Adapter*.)
2. Insert the *Power Plug* into the wall outlet.
3. Turn the unit on and set it to NORMAL mode (see CONTROLS)
4. Leave the unit on NORMAL mode for at least 24 hours to begin with.
5. After 24 hours, set the unit to HIGH mode and set the square footage to 250 square feet.
6. Gradually increase the square footage setting every 8-12 hours until you reach the accurate square footage of your area which you calculated in the beginning steps). Note: Using the purifier at a setting less than the square footage of the area being treated is acceptable and may be desirable in an environment relatively free of pollutants.

## OPERATING THE UNIT

---

### Turning the Unit On/Off

Press the *Power Button* on the *Control Panel* or *Remote* to turn the unit on. The unit will initially be set to *Normal Mode*. Press the *Power Button* once more to turn the power off.

### Using Normal Mode

Press *Normal/High* button until “*Normal*” is shown in the lower right of the *Display*.

- Square Footage not available in “*Normal*” (see “*INITIAL SETUP: Initial Settings*” page 12).
- To control the fan speed: Use *Fan Up/Down* buttons.

### Using High Mode

Press the *Normal/High* button and verify that “*High*” is shown in the lower right of the *Display*.

- To set the square footage on the *Display*: Use *Purifier Up/Down* buttons (See *INITIAL SETUP: Initial Settings*” page 12).
- To control the fan speed: Use *Fan Up/Down* buttons.

**CAUTION:** Never adjust setting to exceed square footage of ventilated space being treated.

### Using Away Mode

Press the *Away Mode* button and verify that “*Away*” is shown in the lower right of the *Display*.

- To set the *Away Mode Timer*: press the *Away Mode* button. Each press of the *Away Mode* button adds two hours to the *Away Mode Timer*.
- Select 2:00, 4:00, 6:00 or 8:00 hours.
- Press *Away Mode* once more to switch the unit back to *Normal Mode*.

# SETUP & OPERATION

## LCD REMINDERS

---

### Replace Plate

When “*Replace Plate*” appears, the *Purification Plate* has reached the end of its useful life and must be replaced. To order a replacement, contact your distributor or GreenTech Environmental ([www.GreenTechEnv.com](http://www.GreenTechEnv.com)). Once a replacement has been obtained, follow the instructions in “*DISASSEMBLY/ASSEMBLY*” to replace your old *Purification Plate* with your new one.

### Replace PCO Cell

When “*Replace PCO Cell*” appears, the *PCO Cell* has reached the end of its useful life and must be replaced. Contact your distributor or GreenTech Environmental ([www.GreenTechEnv.com](http://www.GreenTechEnv.com)) to order a replacement. Once a replacement has been obtained, follow the instructions in “*DISASSEMBLY/ASSEMBLY*” to replace your old *PCO Cell* with your new one.

### Perform Cleaning

“*Perform Cleaning*” will display once the 30 day operation cycle between cleanings has passed and the unit requires a complete cleaning. Follow the instructions in “*CLEANING*” (page 17) then see “*Resetting Reminders*” (below) to reset the reminders. The *Perform Cleaning* reminder will appear again after 30 day of operation.

### Resetting Reminders

After replacing the *Purification Plate* or the *PCO Cell*, the corresponding reminders will reset themselves. After performing a cleaning of the unit (see “*CLEANING*” page 17) you should reset the reminders by holding down the *Reset Reminders* button on the *Control Panel* of the unit. The reminder has been reset when *Perform Cleaning* no longer appears.

# DISASSEMBLY/ASSEMBLY

## DISASSEMBLY

---

### Tools Required

You will need a #2 Phillips screwdriver.

### Workspace Recommendations

A countertop or flat surface is ideal for disassembling/assembling your unit. You will need 2 ft. x 3ft. of clean, accessible workspace. It is recommended to use a small bowl or cup to hold any screws so they are not lost during the /assembly process.

### Disassembly Instructions

1. Turn the unit off.
2. Remove the Power Cord from the wall and rear of the unit.
3. Clean exterior of unit if necessary (see “*CLEANING: Unit Exterior*” page 17).

### Removing the Rear Cover:

1. Using your screw driver, remove the *Rear Cover Screw* from the *Rear Cover* (above the *Power Cord Port*). Place the *Rear Cover Screw* where you will find it easily during reassembly.
2. Squeeze the tabs on both sides of the *Rear Cover* (where the grooves are) until they release and tilt the *Rear Cover* upwards until the top tab releases. Clean with compressed air or a damp cloth. Set the *Rear Cover* aside.

### Removing the Filter Assembly:

1. Remove *Brass Thumbscrews* from the top corners of the *Filter Assembly*. Place *Brass Thumbscrews* where you will find them easily during reassembly.
2. Grasp the top of the *Filter Assembly* and tilt away from the unit. Clean if necessary (see “*CLEANING: Filter Assembly*” page 17) and set the *Filter Assembly* aside.
3. Lift tabs on either side of *Filter Assembly* to remove the rim and access the separate honeycomb, foam and mesh layers.

### Removing the Purification Plate:

Grasp the *Purification Plate* on the ceramic and gently pull it out of the grooves on the sides. Clean (see “*CLEANING: Purification Plate*” page 17) and set the *Purification Plate* aside.

### Removing the PCO Cell:

1. Locate the *PCO Cell Power Connector* on the right of the rear of the unit almost halfway up the unit (beside the *Purification Plate* slot). Squeeze the tabs on the top and bottom of the *PCO Cell Power Connector* and pull gently until free from the *PCO Cell Power Connector Outlet*.
2. Remove the *Thumb Nuts* from the *Screw Posts* on the right and left below the *PCO Cell*. Place the *Thumb Nuts* where you will find them easily during reassembly.
3. Gently slide the *PCO Cell* out of the unit. Clean (see “*CLEANING: PCO Cell*” page 17) and set the *PCO Cell* aside.

Clean the interior of the unit (see “*CLEANING: Unit Interior*” page 17).

### Removing the Front Grille:

1. Locate the four *Front Grille Screws* in the four corners of the *Front Grille*. Using your screw driver, carefully remove the four *Front Grille Screws*. Place the *Front Grille Screws* where you will find them easily during reassembly.
2. Remove the *Front Grille* carefully to ensure that the *Ionization Needle*(in the top center of the front of the unit) is not damaged. Clean the *Front Grille* if necessary (using compressed air, vacuum cleaner, damp cloth or warm soapy water) and set the *Front Grille* aside.
3. Clean the *Ionization Needle* if necessary (see “*CLEANING: Ionization Needle*”).

# DISASSEMBLY/ASSEMBLY

## ASSEMBLY

---

Refer to Tools & Workspace from Disassembly Section

### Installing the FRONT GRILLE:

1. Gently put the *Front Grille* in place on the front of the unit, being careful not to damage the *Ionization Needle* at the top center of the front of the unit.
2. Insert the four *Front Grille Screws* one at a time until they are in place, but not tight. After all four *Front Grille Screws* are in place, tighten them carefully.

### Installing the PCO CELL:

1. Position the *PCO Cell* inside the unit so that the two tabs are on the bottom (and interior side) of the *PCO Cell*. Ensure the holes in the two tabs fit over the two *Screw Posts*. Screw the *Thumb Nuts* onto the *Screw Posts* until they are snug.
2. Align the *PCO Cell Power Connector* to the *PCO Cell Power Connector Outlet* and insert gently until the tabs at the top and bottom of the *PCO Cell Power Connector* snap into place, holding it in the *PCO Cell Power Connector Outlet*.

### Installing the PURIFICATION PLATE:

1. Holding the *Purification Plate* by the ceramic, slowly insert it into the *Purification Plate Slot*, ensuring that the *Purification Plate* is sliding into the grooves on either side.

**NOTE:** About halfway in, the *Purification Plate Connectors* are parted. Continue sliding the *Purification Plate* into the *Purification Plate Slot* until there is approximately one inch of the *Purification Plate* remaining outside of the *Purification Plate Slot* and significant resistance is met. Be careful not to force the *Purification Plate* further into the *Purification Plate Slot* as this could seriously damage your unit.

### Installing the FILTER ASSEMBLY:

1. Hold the *Filter Assembly* with the larger flat side (where the honeycomb layer of the filter is visible) facing the interior of the unit. A sticker reading, “Caution: Reinstall Filter After Cleaning,” is located on the opposite side of the *Filter Assembly*. This sticker should be visible when you install the *Filter Assembly*.
2. Insert the bottom of the *Filter Assembly* into the tabs on the rear of the unit and then seat the *Filter Assembly* on the rear of the unit. (NOTE: If the user fails to insert the *Filter Assembly* into the tabs appropriately, disassembling the unit in the future could be extremely difficult.)
3. Screw the two *Brass Thumbscrews* into their holes at the top corners of the *Filter Assembly*.

### Installing the Rear Cover:

1. Place the tab at the top of the *Rear Cover* into the hole at the top of the *Filter Assembly* then lay the *Rear Cover* flat against the rear of the unit until the tabs on the sides of the *Rear Cover* click into place on the unit.
2. Carefully insert the *Rear Cover Screw* into its hole on the *Rear Cover* (above the *Power Cord Port*) and tighten.

### Installing the POWER CORD:

1. Insert the *Power Adapter Plug* into the rear of the unit.
2. Ensure the *Power Cord* is properly connected to the *Power Adapter*.
3. Insert the *Power Plug* into a wall outlet.

### Turning the unit on:

1. Press the power button.
2. The unit will be set to *Normal Mode* once again. Ensure that the unit's settings are adjusted to suit the environment (see “*Operations*” on page 13).



# CLEANING

Your unit should be cleaned monthly to be kept running at peak performance, but depending upon the pollution or odor levels present during initial setup, it is advisable to clean the unit more frequently (weekly or bi-weekly) until the environment has been treated.

## CLEANING THE UNIT (EXTERIOR):

---

Wipe down the exterior with a damp cloth or use compressed air or a vacuum cleaner to remove dust. Use an alcohol-based cleaning product to clean the surfaces of your unit.

### Cleaning the Filter Assembly

You may use clean water or compressed air to clean your *Filter Assembly* once it has been disassembled (see “*Disassembly: Removing the Filter Assembly*”). After disassembling your unit, the three filters (mesh, foam and honeycomb) should be removed and cleaned separately. If using water, you must allow the filters to dry separately before reassembly. When reassembling, the *Honeycomb Filter* goes in first, then the *Foam Filter*, and finally the thin *Mesh Filter*. Lastly, reattach the rim to the *Filter Assembly*.

### Cleaning the Ionization Needle

Using a cotton applicator (Q-tip), apply a small amount of clear alcohol-based cleaner (or rubbing alcohol) to the *Ionization Needle*. You may also use compressed air to blow off any dust that may accumulate near the ionization needle.

### Cleaning the PCO Cell

Using a compressed air or a vacuum cleaner, blow and/or vacuum the dust out of the *PCO Cell*. Do not use any liquid to clean the *PCO Cell*.

### Cleaning the Purification Plate

Using a 50/50 mix of warm water and clear ammonia, soak the *Purification Plate* for 8-10 hours but do not exceed 12 hours. Using a soft-bristle brush, scrub the wire mesh to remove debris lodged inside the mesh. Rinse thoroughly. Allow the purification plate to dry completely before reinstalling. After reinstalling, use a soft cloth and rubbing alcohol to clean the contacts on the interior of the unit that touch the *Purification Plate*.

## CLEANING THE UNIT (INTERIOR)

---

Using a damp cloth, a clear alcohol-based cleaner, compressed air or a vacuum cleaner, carefully clean the walls and components inside of the unit only after completing the *Disassembly* procedures.

# TROUBLESHOOTING

## The Unit Fails to Turn On

1. Verify that the *Power Plug* is plugged into an operational wall outlet.
2. Ensure that the *Power Cord* is fully inserted (leaving less than an 1/8") to the *Power Adapter*.
3. Ensure that the *Power Adapter Plug* is fully seated in the receptacle on the back of the unit.
4. Verify the *Power Button* has been activated on the *Control Panel*.
5. If the *Power Button* on the *Control Panel* fails, use the *Power Button* on the *Remote Control*. If the *Control Panel* fails, contact your distributor of GreenTech Environmental ([www.GreenTechEnv.com](http://www.GreenTechEnv.com)).

## The Unit is Operating in High Mode or Away Mode, but No Noticeable Purification is Being Produced

1. Ensure that the *Purification Plate* is clean (see “CLEANING: *Purification Plate*” page 17).
2. The *Purification Plate* may not be working because it needs to be replaced. Try installing a new *Purification Plate*.
3. Check the electrical contact arms which touch the plate to ensure that they are making proper contact with the metal weave on the *Purification Plate*.
4. Ensure the electrical contact arms which touch the plate are clean. Clean them with a soft cloth and rubbing alcohol.
5. Turn the lights off in the room and look through the *Front Grille* at the *Purification Plate*. If it is operating properly, it will produce a dim purple glow.

## The Purification Plate Generates an Electrical Arc, an Arcing Noise or a Burning Odor

1. This means the *Purification Plate* is damaged and must be replaced. The unit may or may not display the *Replace Plate LCD* reminder. To order a replacement, contact your distributor or GreenTech Environmental ([www.GreenTechEnv.com](http://www.GreenTechEnv.com)).

## The PCO Cell is Not Lighting Up:

1. Ensure the *PCO Cell Power Connector* is properly seated in the *PCO Cell Power Connector Outlet* (see “DISASSEMBLY/ASSEMBLY” pages 15-16).
2. If the PCO still fails to operate, it needs to be replaced. Contact your distributor or GreenTech Environmental ([www.GreenTechEnv.com](http://www.GreenTechEnv.com)).

## The Ionization Needle Creates an Electrical Arc:

1. The *Ionization Needle* needs to be cleaned (see “CLEANING: *Ionization Needle*” page 17). Be sure to complete all of the cleaning procedures (see “CLEANING” page 17) every 30 days of operation.

## The Fan Does Not Operate Properly:

1. Try adjusting the fan speed using the *Control Panel* or *Remote Control*.
2. Remove the *Front Grille* (see “DISASSEMBLY/ASSEMBLY” pages 15-16) to ensure there are no obstructions to the movement of the fan.
3. If the *Fan* continues to operate improperly or not at all, contact your distributor of GreenTech Environmental ([www.GreenTechEnv.com](http://www.GreenTechEnv.com)).

## The Unit Makes a Rattling Noise When Taken Out of Packaging

1. Remove the back panel of the unit (see “DISASSEMBLY/ASSEMBLY” pages 15-16). Check to ensure the two brass *Thumb Screws* holding the *Filter Assembly* are in their proper place. If they are properly installed, remove the *Thumb Screws* and *Filter Assembly* (see “DISASSEMBLY/ASSEMBLY” pages 15-16) and check the *PCO Cell* to ensure the two brass *Thumb Screws* securing the *PCO Cell* are installed properly

## NOTES

TO MAXIMIZE THE EFFECTIVENESS OF YOUR GT3000  
WE RECOMMEND THE COMBINED USE OF OUR....

### OZONE PLATE CLEANING KIT



&

### HARSH ENVIRONMENT PRE-FILTERS



12-PACK  
1-YEAR SUPPLY

#### BENEFITS OF THE OZONE PLATE CLEANING KIT

- Deeper, more effective cleaning than scrubbing
- Convenient and simple cleaning procedure
- Dramatically increased ozone plate lifespan
- Three replacement plates and safe plate storage
- Less frequent handling of harsh chemicals

#### ASK YOURSELF IF YOUR ENVIRONMENT IS:

- an Indoor Smoking Area,
- a Habitat for Multiple Pets,
- a Commercial Kitchen with Airborne Grease,
- a Shop with Airborne Dust, Paint, or Grease,
- or a Heavily Polluted/Contaminated Area,

IF SO, YOU SHOULD USE HARSH ENVIRONMENT PRE-FILTER!\*

\*NOT USING A HARSH ENVIRONMENT PRE-FILTER IN THESE CONDITIONS CAN VOID YOUR MANUFACTURER'S WARRANTY.