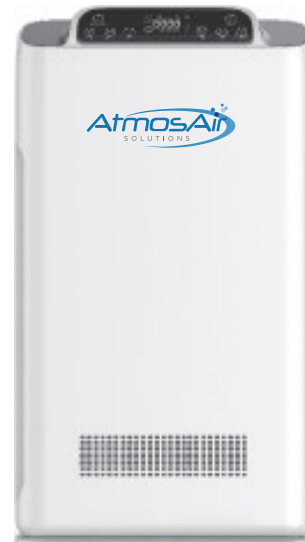




# Installation, Operation and Maintenance Guide

## Everest



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#### OUR MISSION

To improve health and wellness by actively restoring indoor air to its pure, natural state where no pollution or contaminants exist, while reducing energy use and emissions in the process.

#### IMPORTANT

Save this Document for Future Reference & Warranty Information



AtmosAir.com  
CAG-23-10-003

# About AtmosAir

AtmosAir Solutions of Fairfield, CT is a leader in solutions for pure indoor air. An active and transparent approach to pioneering solutions for indoor air quality is something AtmosAir has been doing for nearly two decades – long before the global pandemic. And the true benefits are something you'll see for years to come. The company provides bi-polar ionization air purification technologies that actively, continuously work to bring the benefits of improved air quality to life in all types of built environments. Every day, AtmosAir is helping the world to see air differently, with solutions that measure, validate and display real-time indoor air quality data, and deliver ongoing, tangible benefits to human health and productivity. AtmosAir technologies are installed in more than 7,500 buildings worldwide, including commercial offices, health care settings, hotels, cruise ships, universities and sports facilities. More information can be found at [www.atmosair.com](http://www.atmosair.com)



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## To the Holder of this Document

The contents of this document are current as of the date of publication. AtmosAir® reserves the right to change the contents without prior notice.

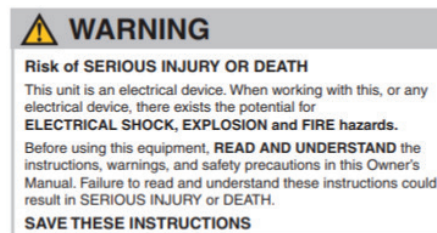
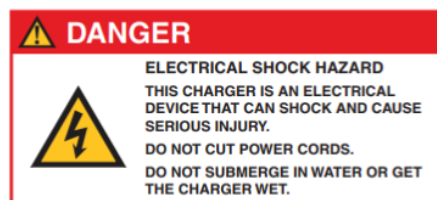
In no event will AtmosAir be liable for any special, incidental, or consequential damages or for commercial losses even if AtmosAir has been advised thereof as a result of issue of this document.

## WARNING

**Failure to follow this warning could result in personal injury or death.**

For installation you **MUST**:

- Always disconnect all electrical power to the unit before handling any of the components, before removing access panels, or to perform any maintenance activities.
  - Do NOT connect to the power before the installation is complete and personnel are aware of the imminent operation.
  - Installation of AtmosAir equipment is not to be performed in areas with extreme conditions such as extreme heat or cold, or where water or condensing moisture can impact the system.
  - Carefully read this instruction booklet before beginning the installation.
  - Follow each installation or repair step exactly as shown and explained in this guide.
  - Observe all local, state, national, and international electrical codes.
  - Pay close attention to all warnings and caution notices given in this guide.
1. Before installing or servicing system, always turn off main power to system.  
**Note:** There may be more than one disconnect switch.
  2. AtmosAir equipment must be installed with a proper ground. The electrical cable enclosed with your AtmosAir unit must be used as it has a special plug which provides a ground circuit for the equipment.
  3. Always replace fuse with the same rating and type of fuse.
  4. Failure to follow this caution may result in personal injury or product and/or property damage.
  5. Although special care has been taken to minimize sharp edges in the construction of your unit, be extremely careful when handling parts or reaching into the unit.
  6. Keep path clear near and in front of intake screen.
  7. Do NOT block or obstruct the air flow of the unit.
  8. Do NOT operate outside of this range: -1°C to 49°C (30°F to 120°F).
  9. Cleaning should be performed only when the power is disconnected.
  10. Contact your AtmosAir dealer or qualified installer for further guidance.



**Disclaimer:** The air purification technologies provided by Clean Air Group are intended to improve indoor air quality. They are not intended as a replacement for reasonable precautions aimed at preventing the transmission of contaminants, airborne or otherwise. All persons having access to the serviced premises should comply with applicable public health laws and guidelines issued by federal, state and local governments and health authorities such as the Centers for Disease Control and Prevention (CDC). Clean Air Group does not maintain that its products will protect people from all modes of transmission of bacteria, viruses or other contaminants, and excludes liability for loss or damage arising from any such claims or the consequences arising out of the application, use or misuse of its products.

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## 01 HOW IT WORKS

### **Bi-Polar Ionization System**

The **Bi-Polar Ionization system** is an air purification feature that releases a significant amount of positive and negative air ions.

### **Aluminum Pre-Filter**

The **Aluminum Pre-Filter** is washable and reusable. It removes large dust granules, dander, pollen, floating contaminants and other pollutants.

### **Cold Catalyst Filter**

The **Cold Catalyst Filter** creates a catalyst effect in normal living environments without any external assistance such as UV light, sunlight, high temperature, or pressure. The Cold Catalyst Filter reduces Ammonia, Benzene, Formaldehyde, Hydrogen Sulfide, TVOC and other harmful gases that are released by carpets, furniture, curtains, bedspreads, plywood and wallpapers.

### **Honeycomb Activated Carbon Filter**

The **Honeycomb Activated Carbon Filter** offers absorption of VOC's and other gases, contaminants, and in combination with all of the other technologies helps to make the product more efficient.

### **Antibacterial Filter**

The **Antibacterial Filter** can target contaminants such as bacteria, spores, and other microorganisms and help to reuse them.

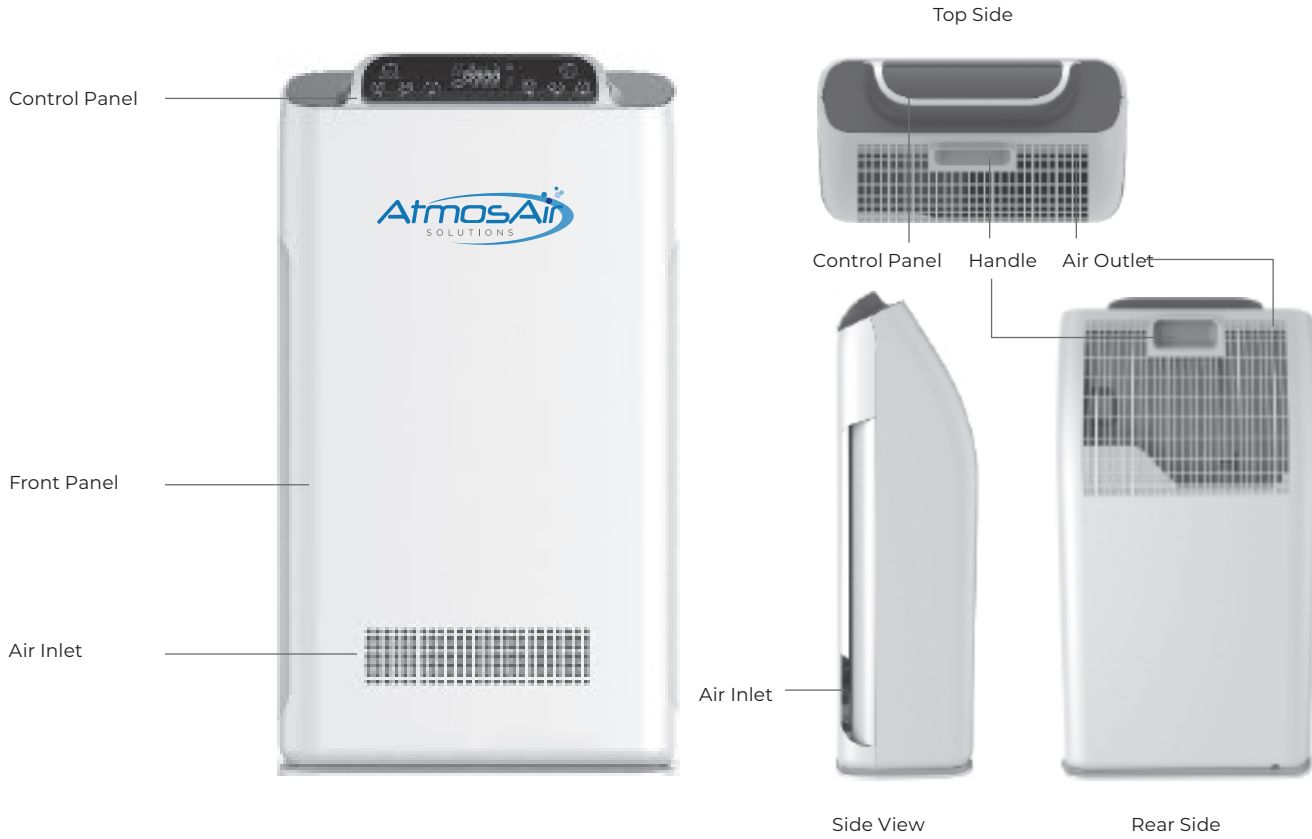
### **High-Efficiency HEPA Filter**

The **High-Efficiency HEPA Filter** can capture down to .01 micron, with a filtration rate of 99% or more. That includes allergens, bacteria, dust, fungi, viruses and other small particles that cannot be captured by less efficient HEPA filters.

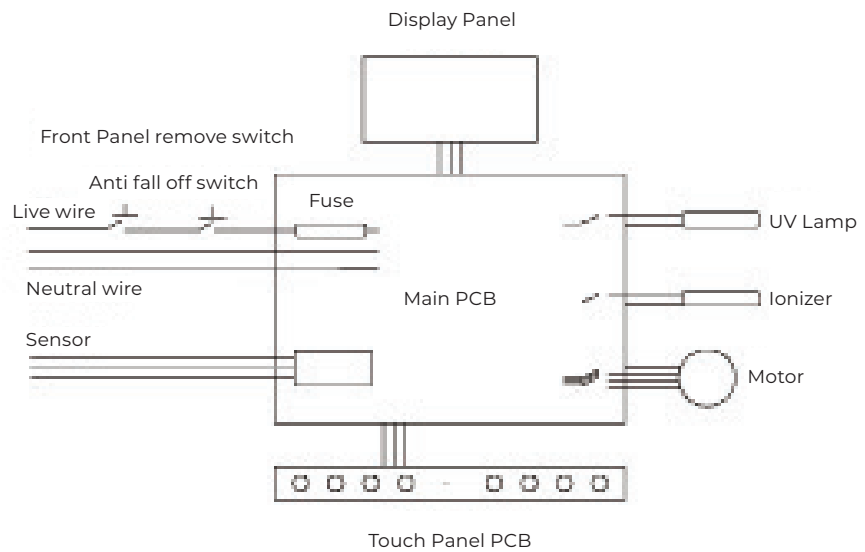
### **UV Sterilizer Light**

The **UV Sterilizer Light** with the strength of 365nm Ultraviolet light kills a variety of bacteria and other microorganisms. This UV germicidal lamp purifies the air and can eliminate odors caused by smoke and mold, and can help disinfect organisms like bacteria and viruses.

## 02 PRODUCT OVERVIEW



## Circuit Diagram

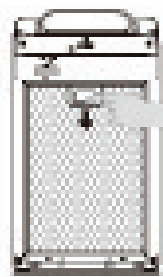
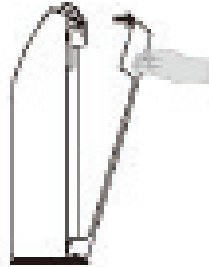


## 03 INSTALLATION PROCEDURES

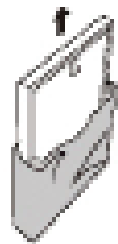
### 1 | Remove filter from the machine



Open the cover

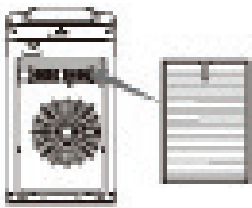


Take out the filters



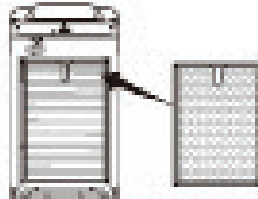
Remove all packaging material

### 2 | Install filter and front panel



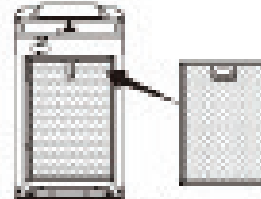
Install filter 3 (Antibacterial & HEPA compound filters).

**Note: Please ensure the tab side is facing you.**



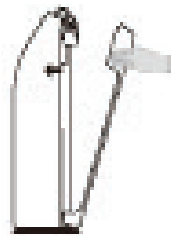
Install filter 2 (Cold Catalyst & Activated Carbon removal compound filters).

**Note: Please ensure the tab side is facing you.**



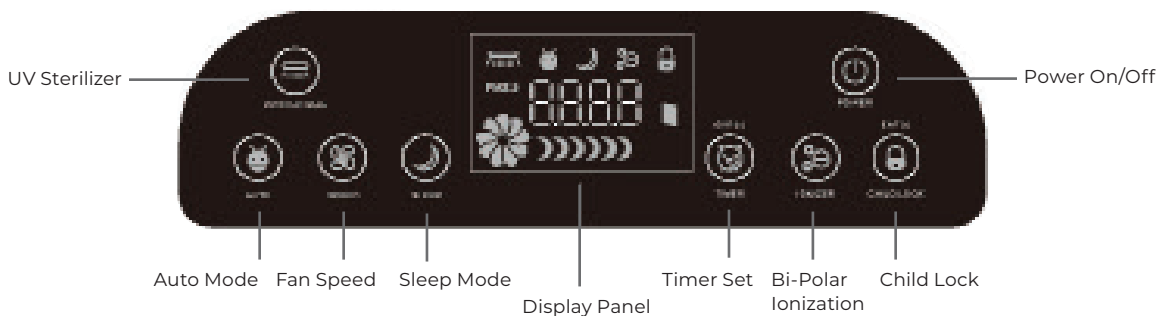
Install filter 1 (Pre-filter).

**Note: Please ensure the handle side is facing you.**



Install front panel

## 04 EVEREST CONTROLS OVERVIEW



### 1 | Switch On



Press the power button to power on the device. The device will continue in its last operating mode (not including timer and sleep mode). Upon pressing the power button, the device will enter into auto mode automatically and begin to operate.

**Note:** The machine includes a panel switch and anti-fall switch. The machine will not turn on when the panel is removed, or the machine has fallen down.



Pressing the auto button puts the device into auto mode and an auto indicator displays on the panel. With this mode, automated cleaning begins based upon the degree of air pollution, and the air volume will automatically adjust. Low speed:  $PM_{2.5} < 60$ . Medium Speed:  $60 \leq PM_{2.5} < 150$ . High-speed:  $PM_{2.5} \geq 150$ .



Pressing the sleep button enables sleep mode and the display panel and light will turn off. The motor in this setting only works at low-speed. A timer is available in this mode. The device will open in standby mode once a timed setting finishes. Press any button to exit sleep mode.

### 2 | Selecting an Operating Mode



All buttons disable once the child lock is pressed. The icon will light up and keep running. Press and hold this button for 3 seconds to enter or exit this mode.



Bi-polar ionizer will turn on/off when this button is pressed. The icon will light on/off accordingly. When pressing this button, the motor will turn on and stay at low-speed mode.



To set the timer, press this button. Time will increase by 30 minutes with each press. The time will recycle after 12 hours. Press and hold for 3 seconds to exit, and the device will go into standby mode. The device will not be in purifying mode upon exit.



Pressing the UV sterilizer button while the device is running turns UV sterilizer on or off. An icon will illuminate at the same time. When pressing this button at standby mode, the motor will turn on and stay at low-speed mode.



The speed button adjusts the motor speed between Low (500 RPM), Medium (700 RPM), and High (900 RPM). It also lets the device exit auto mode. The sensor does not automatically control motor speed.



Pressing the lock button for 5 seconds enables child lock when the system is in normal working mode. It will show the accumulated working time of the filter and disappear after 3 seconds.

### 3 | Power Off



When the device is running, pressing the power button will turn the device off.



## 05 SETTINGS

### 1 Remote Control

The device is equipped with a remote control. If the remote control will not be used for an extended period of time, remove the battery. The buttons on the remote control correspond with the buttons on the control panel to operate the device remotely.



**\*CR 2025 Battery required, not included**

**For child lock mode:** Press the child lock button to disable the device control panel and the buttons on the remote control. To lift child lock, press and hold this button for 3 seconds, or press the unlock button on the remote control.

### 2 Device Operation(s)

**For intelligent operation:** When the device is connected to the power supply, press the power button, and then the auto button — the device can run under sensor intelligent operation mode. The operation of the motor gear will follow the sensors' adjusted values. This operation can run most applications.

To enforce operation of a certain setting, make sure the device is connected to the power supply. Press the power button. Press the selection according to the wind speed and motor gear, as well as to turn on the bi-polar ionization system and UV germicidal lamp.

The device also has a sleep setting that can be used in quiet operation at night.

**For controlled operation:** Simply press time and set the device operating time. A countdown will run and then stop automatically after time has run out. To cancel the timer, press and hold timer for 3 seconds.

### 3 Clock Setting

To set the time, press the auto button for 5 seconds.

Time will display: "Hour" digits will flash first, press the speed button to add 1; press the sleep button to subtract 1. Set "Hour" and then press the auto button again to complete hour setting. "Minute" digits will flash next, press the speed button to add 1; press sleep mode to subtract 1.

(Press the auto button back and forth for hours and wind speed. Press the wind speed and the sleep button to add or subtract.)

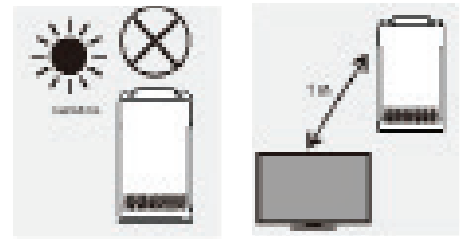
**Note:** The clock function of this device is completely independent, time display function does not affect the purification. The battery is powered by the device's circuit board. It will continue consuming power even if the device is not plugged in. The battery is designed to run for 10 days on standby. If the battery runs out, the clock function automatically resets, and the clock will need to be set again.

## 06 PRODUCT PLACEMENT

### 1 | Do not place the unit in any of the following places:

Areas with direct sunlight, areas facing air conditioner outlets, or areas facing heated areas. This may cause deformation, deterioration, discoloration, and malfunction of the product.

Please put device 3 feet (1 meter) or more away from televisions, radios, and other appliances nearby. Any closer may cause electronic interference.



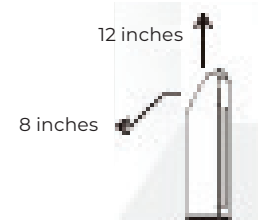
### 2 | For mitigating pollen and other indoor dust:

This device should be placed on a flat surface on the ground.

Pollen, dust, and other contaminants easily fall to the floor and can be absorbed.

### 3 | In order to effectively circulate air in the room:

There should be a gap of at least 8 inches (203mm) around both sides and the back of the device. There should be a gap of at least 12 inches (305mm) from



### 4 | Do not place anything on top of the device:

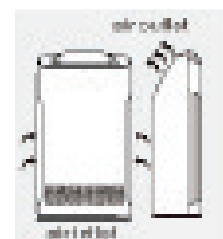
This may cause a malfunction.

**Special Notice:** Do not place magnets or metal objects on top of the device.



### 5 | Do not block the air inlet and outlet:

For example, do not place anything on the outlet or front air inlet.

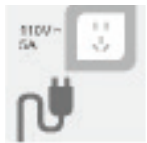


## 07 PRECAUTIONS

1. Do not lift or move the device while it is operating. Never pull on the cord when moving or storing as this may cause a short-circuit, damage to the power cord, fire, or electric-shock injury.



2. Do not damage the power cord by cutting, excessive twisting, pulling, or reverse of power line. If the power cord is damaged, have it replaced by an authorized AtmosAir® Representative.



3. Do not attempt to use the device beyond the power rated on the device. This may cause the device to overheat and damaged beyond repair.



4. Please do not allow the power cord, socket, or device to become wet as this could cause a shock hazard.



5. Do not put fingers or metal objects into the air outlet gap as this may cause shock hazard, other injury, or damage beyond repair.



6. Do not let water, flammable detergent, or other liquid into the device as this may cause shock hazard or damage beyond repair.



7. This device is not intended to replace cooking hoods or industrial type applications.



8. Do not operate this product near gas appliances, heating devices, or stoves.



9. Do not operate this product within a humid or high-temperature environment (i.e., bathroom, toilet, or kitchen).



10. Do not allow children to have access to the remote control.

11. Do not place this device in places with:
  - Unstable surfaces/places. The device may drop or overturn, resulting in injury, or cause device leakage that could result in shock hazard or damage beyond repair.
  - High temperature/high humidity place. Avoid places that could cause the device to become damp, such as the bathroom as this could cause shock hazard or damage beyond repair. Do not place the device within a kitchen or other place of soot emission.

12. Do not operate the device in environments where aromatherapy or other chemicals are in use as chemical residues may damage the device beyond repair.

## 08 CARE & CONSIDERATION

1 | If an odor or a burnt smell comes from the device, immediately turn off the power button of the device to avoid damage beyond repair.

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2 | Disconnect the power plug if the device will not be used for an extended period of time.

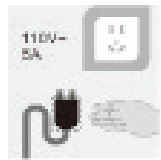
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3 | Before maintenance, make sure to turn off the power to the device to avoid any risk of electric shock or injury.

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4 | Insert the plug into the socket for device use. Do not use a damaged plug or loose power socket.

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5 | Using the power cord to pull off the plug from the power cord may cause power cord damage, shock hazard, short circuit, or damage beyond repair.

6 | When any of the following occurs, immediately turn off the device and contact an authorized AtmosAir® Representative:

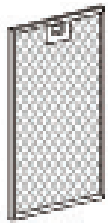
A switch does not work

The power cord or plug produces abnormal heat

There is an abnormal sound or vibration

Any anomalies or malfunctions that occur

## 09 CLEANING & MAINTENANCE

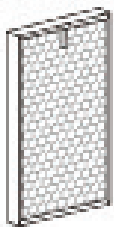


1

### Pre-Filter

**(Recommended Clean, every 15 days)**

Use a vacuum cleaner to clean the dust from the surface of the screen, or wash with water and dry thoroughly.

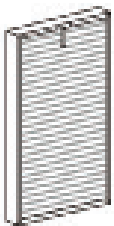


2

### Cellular-Activated Carbon Filter

**(Recommended Clean, every 2 months)**

Use a vacuum cleaner to clear the dust on the surface of the screen. Place the filter into a well-ventilated place. Do not expose it to strong sunshine. Be gentle when cleaning and touching the filter. Do not use water to clean this filter.



3

### Antibacterial/HEPA filter

**(Recommended Clean, every 2 months)**

Place the filter in a well-ventilated area and do not expose it to strong sunshine. Do not use water to clean this filter.

6

### Ultraviolet Sterilizer Bulb

**(Recommended Replace, every 12 months)**

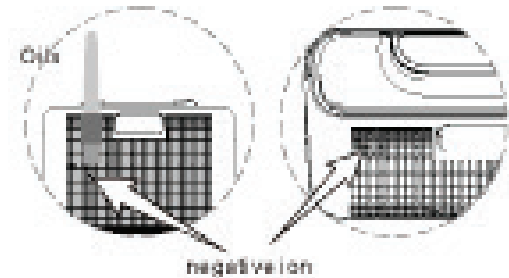
Never stare at or expose skin to UV light bulb while the device is operating.

4

### Bi-Polar Ionization System

**(Recommended Clean, as needed)**

If the device produces a creaking sound, use a brush pen as a cleaning tool. Regularly clean dust around the bi-polar ionization system.

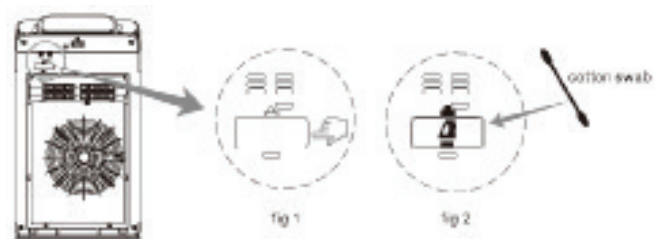


5

### Particle Sensor

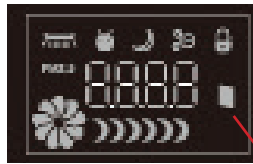
**(Recommended Clean, every 2 months)**

Please ensure the power is disconnected before cleaning. Use a dry cotton swab to clean the lens regularly to remove moisture and dust. Remove the outer cover of particle sensor (Fig. 1). Use the dry cotton swab to clean the lens (Fig. 2).



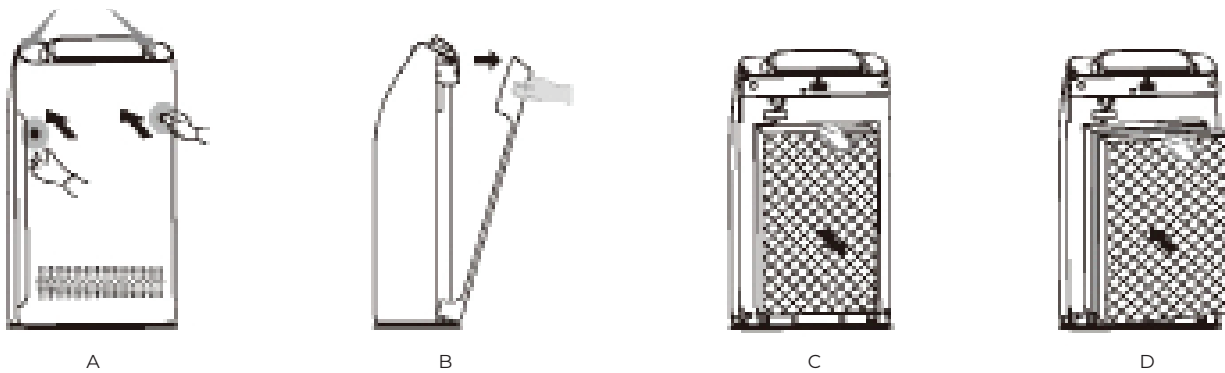
**NOTE:** Be sure to disconnect the power before cleaning and maintenance. Do not open the device when filters have been removed. Please unplug the power if the device will not be in use for an extended period of time. According to the use of places and methods (i.e., a household with smokers or a place with serious pollution), the filter life will be shortened. In these instances, please replace the filter more frequently.

## 10 FILTER REPLACEMENT PROCEDURES

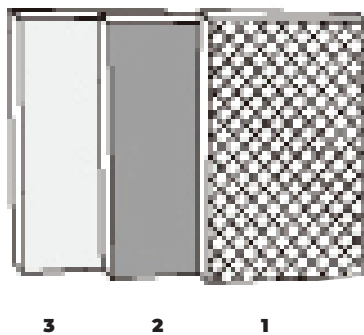


There is a filter change indicator light that will illuminate when the filters need replacing. After replacing the filters, press and hold the child lock for 5 seconds to reset the indicator.

Snap Joints



- A. Press the middle of front panel – this pops the upper button out of its position.
- B. Pull out the front panel.
- C. Remove the filters one by one.
- D. Add in new filters, one by one, in the correct sequence.



### 1. Pre-Filter

(It is suggested to maintain the Pre-Filter every 15 days. It is suggested to replace this filter every 2 years.)

### 2. Cellular-Activated Carbon/Cold Catalyst Filter

(It is suggested to maintain the Cellular-Activated Carbon/Cold Catalyst Filter every 60 days. It is suggested to replace this filter every 6 months.)

### 3. Antibacterial/HEPA Filter

(It is suggested to maintain the Antibacterial/HEPA filters every 60 days. It is suggested to replace this filter every 6 months.)

## 11 TROUBLESHOOTING

Problem	Solution
<p>The unit does not turn on or the key does not respond.</p>	<ol style="list-style-type: none"> <li>1. Is the power cord plugged in? If not, plug in the power cord.</li> <li>2. Is the device front plate covered? If not, cover the front plate.</li> <li>3. Is the device in child lock mode? When the display shows "child lock" lights, press the "child lock/reset" button for 5 seconds until the light turns off.</li> <li>4. Is the device on a flat surface? If not, move it to a flat surface.</li> </ol>
<p>The air is dirty, but the indicator still shows a green color. Or even with continuous operation, the indicator always displays in red.</p>	<ol style="list-style-type: none"> <li>1. Is the device situated in a place where it is not central enough to easily absorb air? If so, change the place.</li> <li>2. Is the particle sensor dirty? If so, clean the sensor.</li> </ol>
<p>Sound can be heard during operation.</p>	<p>Clean the bi-polar ion emitters. There may be too much dust.</p>
<p>The smell of the outlet gives an uncomfortable feeling.</p>	<ol style="list-style-type: none"> <li>1. Is the filter dirty? If so, clean the filter.</li> <li>2. Has the filter not been changed in a while? If not, replace the filter with a new one.</li> </ol>
<p>The device does not enter into sleep mode automatically at night.</p>	<p>Is the device in manual mode? Press the "auto" button on the control panel to ensure it switches into auto mode.</p>
<p>Purifier working time is lengthy, but the air quality is not improving.</p>	<ol style="list-style-type: none"> <li>1. Is the filter bag removed? Please make sure the filter bag and packing has been removed prior to first time use.</li> <li>2. Have the filters been installed in the correct order? Please review the installation sequence and make sure the filters are installed in the defined order.</li> </ol>

## 12 PRODUCT WARRANTY



### CLEAN AIR GROUP, INC. – PRODUCT WARRANTY

Clean Air Group, Inc. d/b/a AtmosAir Solutions (“Clean Air Group”) warrants to the original purchaser of this product (“Customer”), that should it prove to be defective by reason of improper materials or workmanship, for **twenty-four (24) months** from the date of installation, or **twenty-seven (27) months** from the date of Clean Air Group’s original delivery of the product, whichever occurs first, Clean Air Group shall repair or replace the product without charge to the Customer. Proof of malfunction and return of the non-working product must be presented by the Customer if submitting a warranty claim. This warranty is invalid if the factory applied serial number has been altered or removed from the product. This warranty does not cover damage due to acts of God, misuse, abuse, negligence, or modification of or to any part of the product. This warranty does not cover damage due to improper installation, operation or maintenance, connection to improper voltage or electrical supply, or repair by anyone other than an authorized Clean Air Group service provider. To obtain warranty service the Customer must: (1) provide proof of purchase in the form of a Bill of Sale or receipted invoice, with evidence that the product is within the warranty period; (2) request a Return Merchandise Authorization (“RMA”) from Clean Air Group prior to shipping; and (3) ship the product with the RMA to Clean Air Group, freight prepaid, in either its original packaging or packaging affording an equal degree of protection. The product should be delivered to *AtmosAir, 2115 East Cedar Street, Suite 6, Tempe, AZ 85281*. All transportation charges and shipping expenses are the Customer’s responsibility. Clean Air Group will return the product by the same method it receives the product. A product returned for repair after the warranty period, or that shows damage outside of the warranty coverage described herein, shall be repaired for a reasonable charge as determined by Clean Air Group. The Customer will be advised of the cost of repair or replacement before Clean Air Group proceeds.

THE OBLIGATIONS OF CLEAN AIR GROUP HEREIN ARE EXPRESSLY GRANTED IN LIEU OF ALL WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE ARE LIMITED TO THE TERM OF THE EXPRESS WARRANTY GRANTED HEREIN. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE FOREGOING LIMITATION OR EXCLUSION MAY NOT APPLY TO THE CUSTOMER.

With the exception of damages resulting from Clean Air Group’s failure to comply with any obligation under federal or state warranty laws, Clean Air Group SHALL NOT BE LIABLE TO THE CUSTOMER OR ANY OTHER PERSON OR THIRD PARTY FOR ANY DAMAGES, INCLUDING BUT NOT LIMITED TO CONSEQUENTIAL, SPECIAL, INDIRECT, INCIDENTAL AND PUNITIVE DAMAGES AND/OR DAMAGES BY REASON OF INJURY TO ANY PERSON DUE TO ANY DEFECT OR MALFUNCTION OF THE PRODUCT OR ANY PART OR PARTS THEREOF OR FOR ANY OTHER REASON. This warranty gives the Customer specific legal rights and the Customer may have rights which vary from state to state. If the Customer’s product is defective, the Customer should contact Clean Air Group or the dealer where the product was purchased.

#### Disclaimer:

The air purification technologies provided by Clean Air Group are intended to improve indoor air quality. They are not intended as a replacement for reasonable precautions aimed at preventing the transmission of contaminants, airborne or otherwise. All persons having access to the serviced premises should comply with applicable public health laws and guidelines issued by federal, state and local governments and health authorities such as the Centers for Disease Control and Prevention (CDC). Clean Air Group does not maintain that its products will protect people from all modes of transmission of bacteria, viruses or other contaminants, and excludes liability for loss or damage arising from any such claims or the consequences arising out of the application, use or misuse of its products.

Manufacturer,

A handwritten signature in black ink, appearing to read "Anthony M. Abate".

Anthony M. Abate  
Chief Technology Officer  
Clean Air Group, Inc.