

**AIR** INNOVATIONS®



**SMARTSENS™ IONIC AIR PURIFIER**  
**with Pollutant & Odor Detection Technology**

**Instruction Manual and Warranty Information**

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## Specifications

Model #	Rated Voltage	Power Consumption	CADR Value	Max Noise Level	Dimensions	Net Weight	Room Size
AI-C120A	120V~ 60 Hz	14W	102 M3/H	55dB(A)	14.75" x 11.14" x 6.125"	8.45 Lbs.	Up to 325 Sq. Ft.

# SAFETY INSTRUCTIONS

## READ AND SAVE THESE INSTRUCTIONS

**NOTE:** To reduce the risk of electrical 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.

## WARNING

- Only use the air purifier as described in this manual. Failure to do so may result in serious injury.
- **Do not** use the air purifier with a damaged cord or plug.
- **Do not** handle the unit with wet hands. Doing so may result in electrical shock or serious injury. Thoroughly dry your hands before handling any part of the air purifier.
- **Do not** unplug by pulling on the cord. Unplug the unit by grasping, and pulling the plug.
- **Do not** use an extension cord. Position the air purifier so the plug on the power cord easily reaches a standard electrical outlet for a polarized plug.
- **Do not** use the air purifier outdoors or on wet surfaces. Doing so may result in electric shock or serious injury. Use only indoors and under dry conditions.
- **Do not** place the air purifier near sources of heat, such as stovetops, ovens, radiators or computers.
- **Do not** use the air purifier in an enclosed space where flammable, combustible or explosive gases are present. Doing so may result in serious injury.
- **Do not** place open flames, including candles, directly in front of the air purifier.
- **Do not** attempt to repair or adjust the unit. Professional or qualified personnel must perform servicing.

## CAUTION!

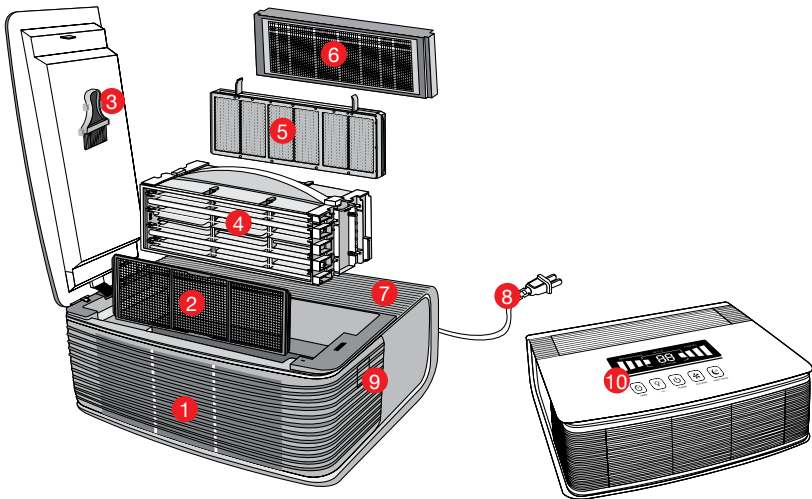
- Keep hair, loose clothing and body parts away from openings and moving parts.
- Not intended for use by children age 12 and under.
- To avoid injury or damage, keep children away from the product and do not allow children to place fingers or other objects into opening.
- Position the air purifier on a flat, solid, stable surface. Never place the unit on soft surfaces such as a bed or sofa.
- Use only in a well-ventilated area, maintaining a minimum distance of 10 inches from a wall or corner to insure proper air flow and air intake. Keep objects away from air intake and exhaust grills.

Thank you for purchasing the Air Innovations® SMARTSENS™ Ionic Air Purifier with Pollutant & Odor Detection Technology. This product comes with a 1-YEAR WARRANTY from the date of purchase as your satisfaction is our primary concern.

## HOW IT WORKS

Your new air purifier contains several technologies which together make it one of the most advanced and effective air filtration systems available, all in a stylish and compact cabinet. The Air Innovations® SMARTSENS™ Ionic Air Purifier with Pollutant & Odor Detection Technology is comprised of a multi-stage filtration system: a mechanical pre-filter, an electrostatic collector cell, activated carbon odor removal, and catalytic ozone removal.



## Parts & Features



1. **Air Intake Grill:** Air enters here for the first stage of cleaning.
2. **Pre-Filter:** Filters large particles such as dust, hair and lint.
3. **Cleaning Brush:** Use to clean the air intake and exhaust grills.
4. **Electrostatic Collector Cell:** Captures small particles such as dust, smoke, pollen and pet dander from the air that passes through the filter.
5. **VOC Odor Absorber:** Reduces odors and chemical fumes from glue, solvents and synthetic materials from the air that passes through the filter
6. **Catalytic Oxygenator:** This model contains a Catalytic Oxygenator, used to reduce odors and chemical fumes. The catalyst system cannot be removed.
7. **Exhaust Grill:** Directs the flow of air as it exits the unit.
8. **Power Cord:** Plug into the outlet to begin use.
9. **Cover Release Button:** Press in to release the cover for maintenance access.
10. **Control Panel** Large digital display with surface touch controls for easy operation.

# Operating Instructions

## GETTING STARTED

1. Place the air purifier on a hard level surface such as a table or desk.  
Be sure the grill is not blocked by other objects and there are no candles or flames near the unit.
2. Plug into the nearest standard electrical outlet that accepts a polarized plug.
3. To select the air cleaning speed, press the Power Button  and the unit starts to operate under AUTO mode. Press the Auto/Fan Button  until you reach the desired speed (Low, Medium, High).



Timer



UV



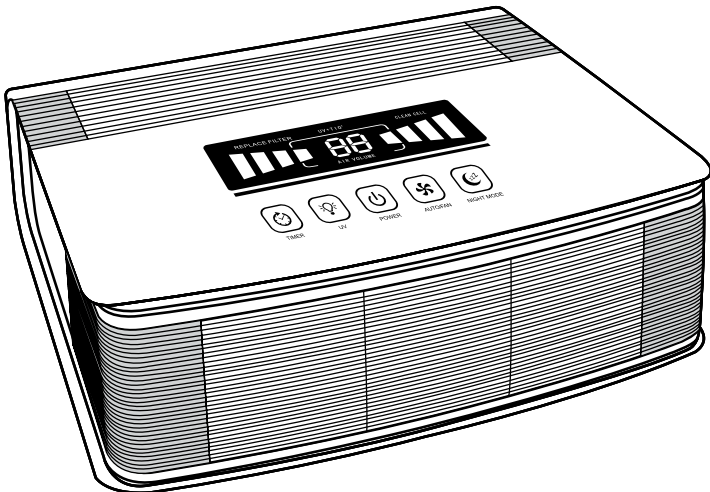
Power



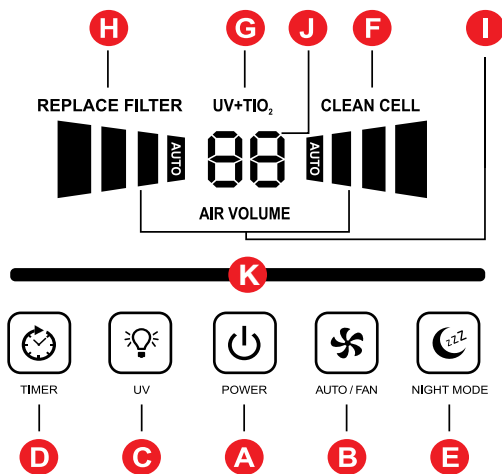
Auto/Fan



Night Mode



# Control Panel Instructions



**A) Power Button:** Pressing the Power Button **A** once will illuminate the display screen and the unit will start to operate under AUTO mode. Pressing the button again will turn the unit off.

**B) AUTO mode/Fan Speed:**

If the unit is left in AUTO mode, the air purifier will automatically sense and adjust the air cleaning speed when it detects pollutants in the air. The Light Bar **K** on the control panel will clearly show your current air condition.

• **Green**-Clean • **Yellow**-Low pollution • **Orange**-Medium pollution • **Red**-High pollution

Or, press the Auto/Fan Button **B** repeatedly for the desired fan speed **I**.

• **Low** for silent mode • **Medium** for normal use • **High** for maximum cleaning

**C) Operation with Oxygenator:** Button **C** is used for turning the Catalytic Oxygenator on and off (symbol “UV + TiO<sub>2</sub>” lights up when activated **G**). This feature provides additional air freshness via the release of negative ions and is designed to run continuously, but may be turned off if desired.

**D) Timer:** Use button **D** to set the timer function—adjustable between 1~9 hours or continuous operation (denoted by the circulated **88**). Symbol **I** shows the operating period that has been set (1H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H, **88**).

**E) Night Mode:** Press button **E** once for night mode—display brightness automatically dims and unit operates under low/silent mode. If the button is pressed again, the unit return to previous setting.

**F) Cleaning Indicator:** If red “CLEAN CELL” indicator appears on the display, the Electrostatic Collector Cell should be cleaned as recommended. After the collector cell is cleaned and re-installed, turn on the unit, press and hold button **E** until buzzer beeps, and red “CLEAN CELL” indicator goes out; the unit’s timer is now reset.

**G) Catalytic Oxygenator Indicator:** Illuminates when Catalytic Oxygenator is turned on.

**H) Replace Filter Indicator:** If red “REPLACE FILTER” indicator appears on the display, the VOC Odor Absorber should be replaced. After the new filter is installed, turn on the unit, press and hold button **D** until buzzer beeps, and red “REPLACE FILTER” indicator goes out; the unit’s timer is now reset.

**I) Speed Indicator:** Lighting starts from the center for the lowest fan speed to all three lights for full fan speed.

**J) Timer Indicator**

**K) Light Bar**

# Cleaning

**⚠ WARNING:** Cleaning the unit while it is plugged in may result in electric shock, electric spark, and serious injury. Unplug the unit for cleaning or maintenance.

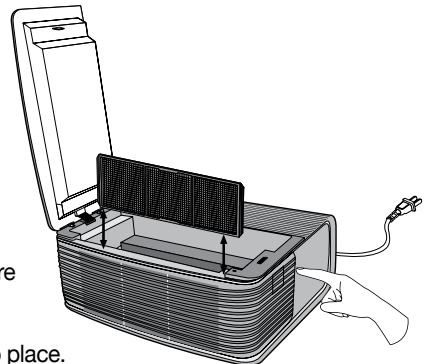
## CLEANING INTERVALS

Proper care and cleaning of the air purifier is critical to performance. The following chart shows the cleaning intervals and method.

Part	Cleaning Time	Method
Internal & External Cabinet	As Needed	Wipe with a damp cloth first. If required, follow with a mild, non-abrasive cleaner.
Electrostatic Collector Cell	4 to 6 weeks	Soak in warm water with mild liquid dish detergent. Rinse and dry completely. For tough dirt and residue we recommend using Rejuvenate Stainless Steel Cleaner (purchase at <a href="http://www.Air-Innovations.com">www.Air-Innovations.com</a> ).
Pre-Filter	2 to 4 weeks	Rinse thoroughly in warm water or as needed and dry completely before replacing.
VOC Odor Absorber	6 months, or as needed	Replace filter (purchase at <a href="http://www.Air-Innovations.com">www.Air-Innovations.com</a> ). Do not wash; vacuum gently with a soft brush attachment to clean if necessary.
Catalytic Oxygenator	As needed	Vacuum the front surface gently with a soft brush attachment. <b>Do not</b> use liquids for cleaning.

## CLEANING THE PRE-FILTER

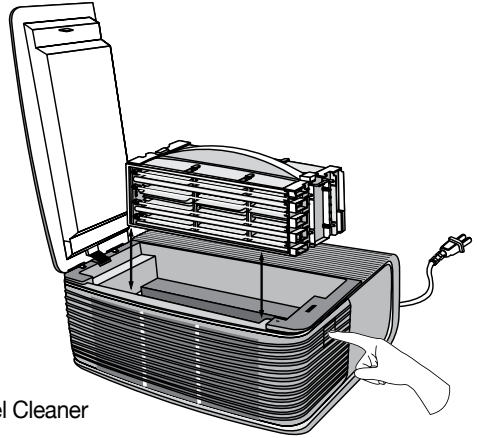
1. Unplug the air purifier.
2. Open the cover from the right side by pressing the Cover Release button.
3. Pull the Electrostatic Collector Cell straight up and out of the cabinet; place to the side.
4. Remove the Pre-Filter by gently pulling on the finger tab, located on the right side of the filter.
5. Thoroughly rinse the Pre-Filter and let it air dry before placing it back in the cabinet. Do not use heated or compressed air as part of the drying process.
6. Insert the Pre-Filter back into the unit and snap into place.
7. Close the cover securely.



## CLEANING THE ELECTROSTATIC COLLECTOR CELL

**Note:** The Collector Cell may require more frequent cleaning if “arcing” occurs. Arcing is a sharp snapping sound that occurs when large particles are collected on the Collector Cell. If prolonged or continuous arcing occurs the Collector Cell should be cleaned and dried thoroughly.

1. Unplug the air purifier.
2. Open the cover from the right side by pressing the Cover Release button.
3. Pull the Collector Cell straight up and out of the cabinet.
4. Place in sink, bathtub or other location where cleaner can cover every surface.
5. Rinse or soak in warm water for loose debris. Mild liquid dish detergent in water may be used to help break down tough dirt and residue. Thoroughly rinse the Collector Cell with clean water.
6. Tough residue such as from tobacco smoke may need additional cleaning or longer soaking. We recommend using Rejuvenate Stainless Steel Cleaner (purchase at [www.Air-Innovations.com](http://www.Air-Innovations.com)).



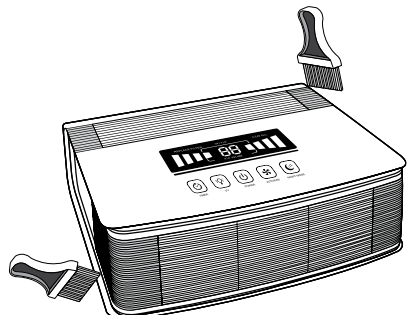
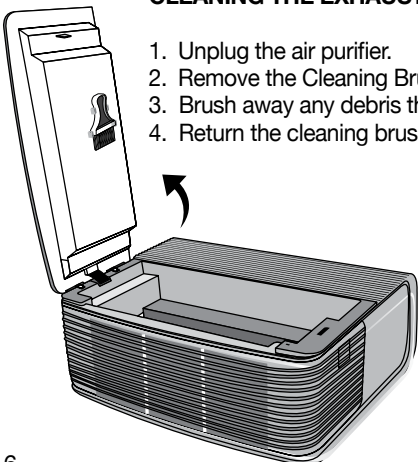
**Note:** To prevent damage to the components of the Collector Cell, do not put in the dishwasher or use a cotton swab.

7. Shake excess water from the Collector Cell or place in direct sunlight to speed up drying time. Do not use heated or compressed air to dry.
8. Place the Collector Cell back into the unit. The Collector Cell is designed so that it can only be inserted in one direction. The arrow on Cell should point towards unit face. Please refer to instructions on page 4 for resetting after cleaning; if not reset, the “CLEAN CELL” indicator will remain on screen.

**Note:** The Collector Cell must be completely dry after cleaning in order to operate properly. If the Collector Cell is damp from cleaning, arcing may occur; remove Cell and let air dry longer. If the power supply detects the Collector Cell is wet, it shuts down power to the cell and causes the red “CLEAN CELL” indicator to blink rapidly. Re-dry the Collector Cell until the power supply successfully restarts; the unit will return to its original speed and run as normal.

## CLEANING THE EXHAUST GRILL

1. Unplug the air purifier.
2. Remove the Cleaning Brush from the storage slot located under the cover.
3. Brush away any debris that has collected between the grill slots.
4. Return the cleaning brush to the storage slot.

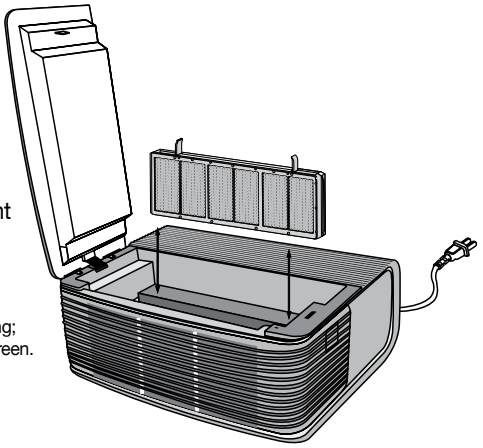




# Maintenance

## REPLACING THE VOC ODOR ABSORBER

1. Unplug the air purifier
2. Open the cover from the right side by pressing the Cover Release button.
3. Using the two finger tabs pull the filter straight up and out of the cabinet.
4. Replace with a new filter.
5. Close the cover securely.



Please refer to instructions on page 4 for resetting after cleaning; if not reset, the "REPLACE FILTER" indicator will remain on screen. Visit [Air-Innovations.com](http://Air-Innovations.com) to re-order filter.

# Troubleshooting

**⚠ WARNING:** To reduce to risk of personal injury, unplug before cleaning or servicing.

Problem	Check	Solution
Unit does not turn ON.	<ul style="list-style-type: none"> <li>•Power Cord</li> <li>•Power Button</li> <li>•Top Cover</li> </ul>	<ul style="list-style-type: none"> <li>•Plug in Power Cord</li> <li>•Press the Power Button</li> <li>•Make sure the top cover is securely closed.</li> </ul>
<b>Unit makes an occasional sharp snapping sound.</b>	Electrostatic Collector Cell	<b>This is a normal occurrence called "arcing" and occurs as large particles of dust are captured in the Collector Cell. If prolonged arcing occurs, Collector Cell should be thoroughly cleaned and dried completely.</b>
CLEAN CELL light has turned solid red.	Electrostatic Collector Cell	A solid red light is a 60 day cleaning reminder. Wash Collector Cell. Make sure it is thoroughly clean and dry before reinstalling. Refer to instructions on page 4 for resetting indicator after cleaning.
CLEAN CELL light is blinking red.	Electrostatic Collector Cell	<ul style="list-style-type: none"> <li>•A fast blinking light indicates the power supply has shut down due to arcing or short circuit.</li> <li>•The cell should be inspected and cleaned, or replaced.</li> <li>•Collector Cell is not in the unit; replace Collector Cell.</li> </ul>
Unit does not remove pollutants.	Electrostatic Collector Cell	<ul style="list-style-type: none"> <li>•Clean the Collector Cell and make sure it is completely dry before reinstalling.</li> <li>•Collector Cell may be damaged and needs to be replaced.</li> </ul>
REPLACE FILTER light on unit has turned red.	VOC Odor Absorber	<ul style="list-style-type: none"> <li>•Replace Odor Absorber as desired.</li> <li>•If Odor Absorber is not replaced, remove the filter from the unit to turn off the REPLACE FILTER light (refer to instructions on page 4).</li> </ul>
Unit does not remove odor.	VOC Odor Absorber	<ul style="list-style-type: none"> <li>•Vacuum Odor Absorber with a soft brush attachment if dirty.</li> <li>•Replace Odor Absorber if desired.</li> </ul>



Try These Other Great Products For Your **Life!**



Available at: [www.ForLifeProducts.com](http://www.ForLifeProducts.com), [www.Air-Innovations.com](http://www.Air-Innovations.com), [www.Pursfection.com](http://www.Pursfection.com), [www.RejuvenateProducts.com](http://www.RejuvenateProducts.com)



*Pursfection*



**Rejuvenate**  **Make it NEW Again!**



# 1-YEAR WARRANTY - AI-C120A

## **AIR**INNOVATIONS®

Air Innovations® SMARTSENS™ Ionic Air Purifier with Pollutant & Odor Detection Technology comes with a 1-year manufacturer's warranty. If this unit should become defective within 1-year from the date of purchase, or if you have any questions or comments or regarding replacements for any of our products, please contact us directly at:

Call us toll free at: 844-600-1370  
Monday thru Friday 8:30 AM to 5:00 PM EST.  
Visit us on the web at: [www.Air-Innovations.com](http://www.Air-Innovations.com)  
e-mail us: [sales@air-innovations.com](mailto:sales@air-innovations.com)

Or write us:

Air Innovations  
Att: Quality Assurance Dept.  
2301 SW 145<sup>th</sup> Ave.  
Miramar, FL. 33027 USA

Please fill out the warranty card and  
mail back to the above address.  
Or, register your warranty online today.  
Simply go to:  
[www.Air-Innovations.com](http://www.Air-Innovations.com)

NAME _____
ADDRESS _____
CITY _____
STATE _____ ZIP _____
TELEPHONE _____
E-MAIL _____
DATE OF PURCHASE _____
PLACE OF PURCHASE _____

Please check here if you would not like to receive any solicitations from our company

**THIS UNIT COMES WITH A 1-YEAR WARRANTY SUBJECT TO THE FOLLOWING CONDITIONS:**  
In the first year, all repairs will be performed free of charge or the unit will be replaced. This warranty is not transferable, it is valid only for the original purchaser. This warranty will be voided if the unit is subjected to unauthorized repair or impact damage. If you have any questions please call toll free: 844-600-1370. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

# AIR INNOVATIONS®

