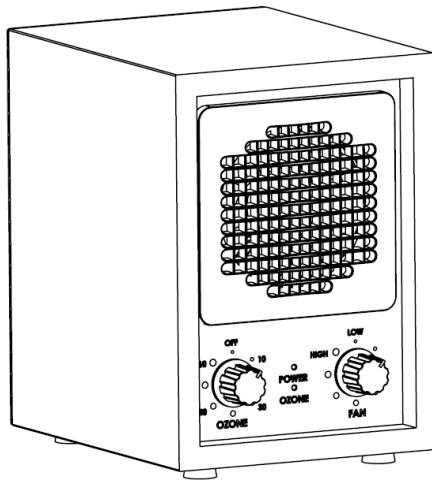


Living Air Classic HEPA

By EcoQuest

6 Stages AIR PURIFIER



INSTRUCTION MANUAL

CAUTION: Read manual carefully for proper installation and proper operation.

CONTENTS

1. Specifications.....	1
2. Introduction.....	2
3. Features.....	2
4. Applications.....	2
5. Installation.....	3
6. Back cover & Filter Removal.....	3
7. Placing The Unit.....	4
8. Settings And Adjustments.....	4
9. Maintenance.....	5
10. Fan Blade And Front Grill.....	5
11. Replacing The Fuse.....	6
12. Troubleshooting.....	7
13. Warranty Information.....	8

1. Features:

- Negative Ion Generation Technology
- Adjustable Ozone Generation
- Activated carbon Deodorization
- UVC bulb & Photo-catalytic filter to kill virus and bacteria
- Washable HEPA filter to eliminate small particles, dust
- Adjustable Fan Speed Control
- Washable Permanent Pre-filter.
- Adjustable Ozone Control and Plate Configuration.
- Adjustable Ion Control

Ion Output:

- 20 KV negative ion generator.

Ozone Output:

- 0-500/mg per hour (Adjusted by Ozone switch).

Specifications:

Model:	Living Air Classic HEPA
Rated Voltage:	110-120V/60Hz
Power Consumption:	40W
Fan Speed (non-grade):	1500-3000R/M
Ion Output:	$\geq 5 \times 10^6 \text{ cm}^3$ (or $\geq 2.5 \times 10^6 / \text{cm}^3$)
Air Volume:	Max 300 CFM(3 m ³ /min)
Active Oxygen (Off/On)	$\leq 0.05 \text{ ppm}$ / Max=500mg/h
UV Spectrum:	$\geq 20 \text{ Jw/cm}^2$ (at 10cm-distance)
Sound Level (DB):	Low35 Med45 High50
Particulate Purifying Rate:	0.3 micron can reach 80% 1 micron can reach 99.97%
Product Size (mm):	W210 x D263x H290mm
Gross Weight:	6.5kgs/14.5 Pounds
Applicable Area:	300m ²

Warranty:

- Length of warranty varies depending on different models.



To reduce the risk of electric shock, this equipment has a grounding type plug that has a third (grounding) pin. This plug will only fit into a grounding type power outlet. If the plug does not fit into the outlet, contact qualified personnel to install the proper outlet. Do not alter the plug in any way.



WARNING! - Do not operate without one properly installed. Doing so may void the warranty.



CAUTION! – Cut off the power when maintained.

If the fuse is blown and need to be changed:

110 volt models: fusing current no more than 1.0 Amp.

2. INTRODUCTION

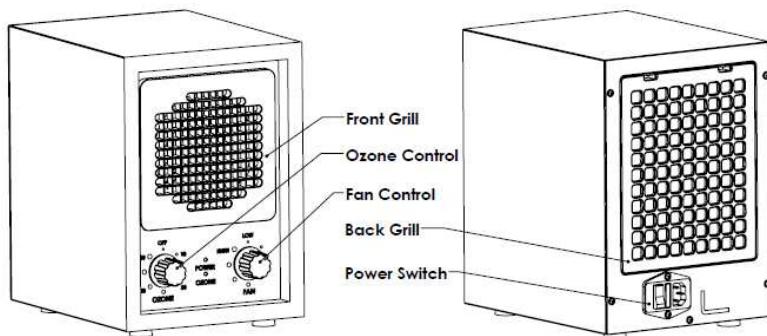
This air purifier reproduces the natural environment outdoors. It is not designed to create an artificial fresh environment, but rather make the indoor air purified as natural clean air through circulated purification, disinfection and sterilization to increase anion and ozone.

3. FEATURES

- Compact
- Portable
- No Duct work Required
- No Chemicals
- Low Maintenance
- Low Electrical Usage
- Complete User Control
- No Residual Contamination.

4. APPLICATIONS

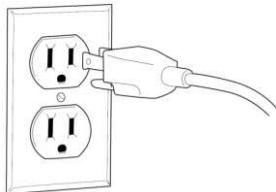
- Home, Office Restaurant, hotel
- Smoking Areas
- Production Areas
- Basements
- Casinos & Large Meeting Halls
- Veterinary Hospital
- Barns, Kennels & Stables
- Photo Labs & Salons
- Day Care Centers
- Chemical Odors
- Bowling Alleys & Parlors



5. INSTALLATION

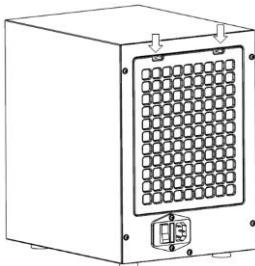
- 1). Remove unit from shipping carton.
- 2). Remove all protective materials.
- 3). Check for shipping damage and loose or broken parts.
- 4). Read Owner's Manual thoroughly prior to installation.
- 5). Fully insert cord into the power cord receptacle on the back of the unit.
- 6). Determine placement location for the unit (page 6), plug the unit into a 110 volt outlet. Make sure the power switch is on, and adjust controls according to the application.

6. BACK COVER & HEPA FILTER, CARBON FILTER REMOVAL

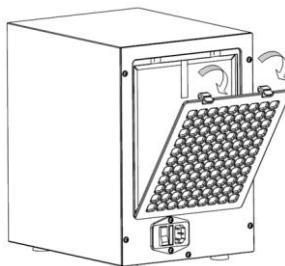


Step 1: Unplug the air purifier to prevent electric shock when you want to wash or maintain the unit.

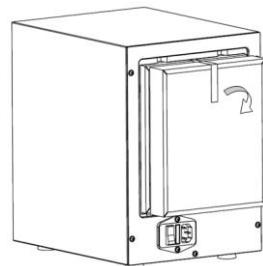
Step1



Step2



Step3



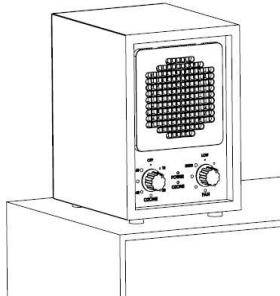
Step4

Step 2: Push two latches down on back cover.

Step 3: Remove HEPA filter by draw out the white ribbon on the top.

Step 4: Draw out each filter with white ribbons

7. PLACING THE UNIT



In order to maximize the purification function, the unit should be placed as higher as possible, or base something in the unit bottom to make the air blast window tilting upward so as to better oxidize and purify the floating bacteria and smog pollutants. A ceiling fan can also aid in purification of the unit .The air purifier is most effective when placed in a position that allows the anion& ozone mixed evenly and thoroughly with the polluted air.

Suggested locations, listed in the order of preference:

- Nearest to the source of the worst pollution.
- Near cold-air area in an air circulation.
- In the area most frequently-used to achieve maximum benefit.

Notes:

- For maximum control, the unit should be placed where easy access to the controls is possible.
- The rear of the unit should always have at least one inch of open area to allow unrestricted airflow.
- Be sure power cord is not accessible to small children to prevent injury.

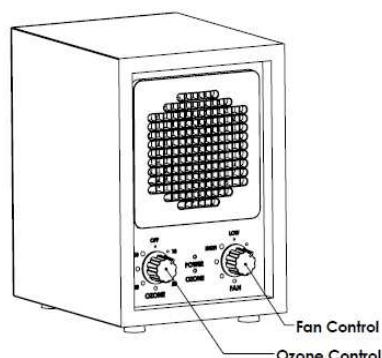
Caution: This unit should never be placed where it can blow directly into the face of any person or pet.

8. SETTINGS AND ADJUSTMENTS

8.1 FAN & UV CONTROL

The performance of cleansing properties is fully displayed with smooth air circulation. The fan control can turn on or turn off the fan, or adjust wind speed without degrees. When the fan is rotating at the fastest speed, there may be a relatively loud noise, please place the unit in a certain distance according to your personal preference.

UV light & Ionization is controlled by Fan switch too.



8.2 OZONE CONTROL.

The ozone control can turn on, turn off or adjust ozone function without degrees.

- Keeping in mind the previous statement, adjust the purifier so that the odor of ozone fades into the environment after 15-30 seconds.
- To reduce mold, mildew, and bacteria, turn the unit on high settings for 3-4 hours to let air circulate out from room by opening doors or windows.
- The POWER light turns to GREEN color when the “Fan” switch turned on, the OZONE light turns to RED when the “Ozone” switch turned on. Ozone switch is suggested to be switch on only in unoccupied spaces.
- Do not look at front panel in short distance in case the UV light will bad for your eyes.

Always be sure a room or area UNOCCUPIED before performing the above described Ozone control

9. MAINTENANCE

Periodic maintenance is required to insure that the air purifier operates properly. A severely polluted environment can foul a air purifier plate as little as four weeks or as long as a year. Shown here are basic maintenance procedures that should be carried out to keep your unit running at top performance.

Pre-filter / HEPA filter cleaning (see page 5 for removal instructions):

You have two options to clean the pre-filter, and HEPA filter:

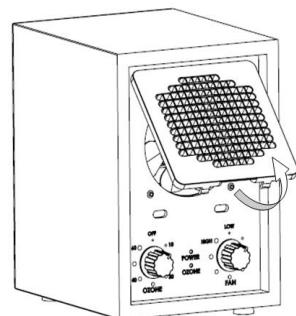
- When visibly dirty, simply remove the pre-filter or HEPA filter and remove the heavy particulate from the screen with a hand-held vacuum. This method will extend the life of the screen / filter.
- When visibly dirty, remove the pre-filter and HEPA filter from the unit and wash it in cool water, brush it gently with a toothbrush to remove particulate. Dry completely prior to re-installing the lint screen.

Remove the back cover (page 5). Carefully remove each filter. Clean the filter with cool water and ammonia. Dry completely prior to re-installing the filter (page 5).

10. Fan Blade and Front Grill

(take off front/reinstall grill method:)

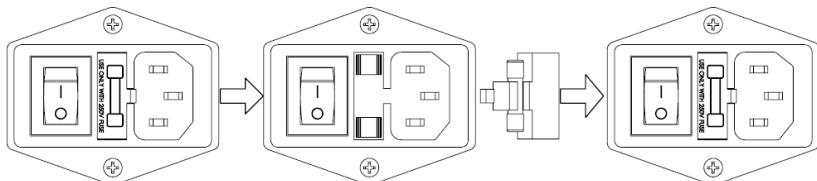
As left picture shows, hold bottom of front grill and pull out, when latch take off front panel, turn over front grill up about 30 degree.



Then take front grill away in parallel. Reinstall After clean, first step put top latch of front grill in front panel slot then turn over down and push bottom latch of front grill in front parallel slot.

- Wipe off fan blade and front grill (if dirty) with damp washcloth. The fan requires no maintenance (with the exception of the first time it is used, when it may be necessary to give it a gentle push to get it started). If the fan squeaks, a drop of lightweight oil may be needed on the fan shaft.

11. REPLACING THE FUSE



A fuse holder is located on the back of the unit next to the power cord.

To replace or check the fuse:

Remove the fuse holder by pressing on the clip and pulling straight out.

If the fuse is blown: replace with the backup fuse. Insert the new fuse into the fuse holder. Press the assembly straight in until it latches.

If the fuse holder cap is not installed correctly, the unit will not operate.

110 volt models: fusing current no more than 1.0 Amp.

12. TROUBLE SHOOTING GUIDE

Indicators of Operation

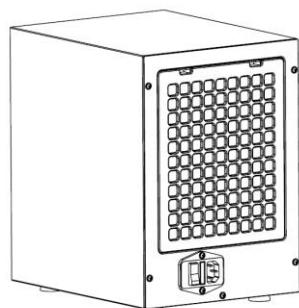
(Operation of the ozone and power indicator lamp).

Ozone switch is suggested to be operated when room is unoccupied.

Open the door and window when you back to the room if Ozone operated for several hours.

Turn the unit on and check that the small red/orange lamp is illuminated.

The lamp is located on front panel; one is silkscreen 'power' another is silkscreen 'ozone'.



Troubleshooting - What to look for first.

1. I have plugged in the unit, turned the power switch to "On" and nothing happens. What's wrong?
 - Make sure the electrical outlet is capable of providing power to the unit.
 - Check the back cover located at the back of the unit to ensure that the safety switch activator clip is suppressed to get the power on.
 - Check to see if the proper fuse is installed and that it is serviceable.
 - Ensure that the fuse cap is completely seated and secured in its receptacle.
 - Be sure the cord is fully plugged into unit.
2. The fan is operating but the unit won't produce any ozone. What's wrong?
 - Check the air purifier plate(s) for serviceability. If they are cracked or broken, the plate(s) will require replacement. Ensure maintenance procedures required for the air purifier plate have been performed. You should order new plates from your dealer.
 - Do not attempt to disassemble the unit, due to the Limited Warranty of the product.
3. The unit has a burning smell, and/or appears to be arcing or sparking.
 - Remove and clean the ozone plates and reinstall.
If problems persist replace ozone plates.
 - Ozone produces a smell or odor that smells like bleach or electric smell.
This is normal during Ozone use and why Ozone is so effective in removing odors.
4. What are the most typical application problems?
 - **Symptom:** A belief that the proper equipment is placed in the environment and the equipment appears unsuccessful.
Problem: Lack of air movement, improper placement of the unit.
 - **Symptom:** Strong odors still remain in the environment after placement.
Problem: Lack of ozone, improper placement of the unit.
 - **Symptom:** A strong odor of ozone is in the environment.
Problem: Too much ozone accumulation in the environment, as a result of improper purifier control setting, and / or lack of air movement.
 - **Symptom:** Visual haze of smoke and / or particulate remains in the environment.
Problem: Lack of ionization and / or air movement.

5. Unit does not operate

- Is the unit plugged in?
- Is the power cord fully inserted into the back of the unit?
- Are you sure the outlet is functioning normally?
- Is the unit turned on?
- Is the back grill installed properly to depress the safety switch forward?

6. Air flow is restricted or reduced

- Is the unit properly placed away from objects that may obstruct air flow?
- Are the filters and fan grill clean?

13. Warranty Information:

If your unit fails to operate properly after performing trouble-shooting, contact your authorized dealer you purchased the unit from for further assistance.

The air purifier comes with a 3-year Factory Warranty that covers the entire unit (except for filters and ozone plates which may need replacing as they get dirty). For warranty assistance contact the company you bought the air purifier from for authorized warranty service. For warranty service, the user is required to pay all shipping costs and the authorized Warranty center shall be responsible for all parts and labor.

Customer Name _____

Purchase Date _____

Company the unit was purchased from _____

Serial Number of Air Purifier _____