

FOR YOUR RECORDS

Please record the model and serial number below, for easy reference, in case of loss or theft. These numbers are located on the back panel of your air purification unit. Space is also provided for other relevant information.

Model number \_\_\_\_\_

Serial Number \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Purchased From \_\_\_\_\_

Reliable Products International  
Chambersburg, PA 17201  
877-432-8481  
[www.RockyMountainAirPurifiers.com](http://www.RockyMountainAirPurifiers.com)

ROCKY MOUNTAIN AIR®



THE SUMMIT  
MODEL # RMA3500-CHO

Summit PLUS  
MODEL # RMA3500-CHOP

USER GUIDE

*A Rocky Mountain Air Purifier is more than just a filter, more than a sanitizer, more than a purifier... We combine all of these components into one comprehensive and technologically advanced system which cleans the air of 99.9% of all airborne pollutants.*

*We hope that you will enjoy your purchase for years to come.*


**Read ALL instructions carefully before using this product**

PLEASE READ ALL OF THE INFORMATION PROVIDED IN THIS USER GUIDE BEFORE OPERATING YOUR NEW AIR UNIT.

**PURIFIER MUST BE BROUGHT TO ROOM TEMPERATURE PRIOR TO USAGE.** Failure to do so will damage the internal workings of the unit. This damage will not be covered under warranty.

WARNING


This air unit is not a medical device. Do not stop or alter any medical therapy programs or medications without the advice of your physician. Excessive ozone concentrations may cause mucous membrane or respiratory irritation. A rule of thumb is to turn the level of ozone (purify) down or off if the O3 smell is detected.



CAUTION

RISK OF ELECTRICAL SHOCK DO NOT OPEN

ATTENTION



**Caution:** This unit is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision concerning use of the unit by a person responsible for their safety. Children should be supervised to ensure that they do not play with the unit.

This “exclamation point” calls attention to a feature for which you should read the enclosed literature carefully to prevent operating and maintenance problems.

This “bolt of lightning” indicates that insulated material within your unit may cause an electrical shock. For the safety of everyone, do not remove product covering.

**NEVER OPERATE YOUR PURIFIER WITH A BROKEN PLATE.** Doing so will cause damage to the unit. This damage is not covered under warranty.

FAQ

Should I run my purifier 24 /7?

Yes for best results, you should leave your purifier running. The fan draws the air through the unit to be filtered and cleaned. We recommend running the Sterilizer, which turns on the UV and activates the PCO Filter, and also the Anion, which removes particles including dust out of the air.

How does it compare to air filters?

Rocky Mountain Air Purifiers and Sterilizers combine the best and most modern technologies available today to cleanse the air of 99.7% of all airborne pollutants. It is a comprehensive filtration and purification system. Rocky Mountain Air® Purifiers are the best of both worlds.

Is ozone safe?

A. Yes, but moderation is the key. Using the timer allows you run the PURIFY feature while you are away and set the time to turn off prior to your return. We recommend you set the O<sub>3</sub> purify level based on the area to be treated. Ozone in very high concentrations can be irritating to mucous membranes and the respiratory system. Before using the Air Purifier, you should read the enclosed instructions carefully.

Where should I place the Rocky Mountain Air® Purifier?

The Rocky Mountain Air Purifier should be placed in a room that is centrally Located in your home. The Rocky Mountain Air Purifier is easy to move so you might want to try it in a couple of locations to help decide what works best for your environment. An elevated location is better to distribute ions and activated oxygen more evenly. Rocky Mountain Air Purifiers may also be placed within 10 feet of a cold air return.

How long will the Rocky Mountain Air® Purifier last?

The Rocky Mountain Air Purifier is made of stainless steel and solid wood construction. Because of the quality material and superior craftsmanship that goes into each Rocky Mountain Air Purifier, you will enjoy it for many years.

Does it come ready to use?

Just install the O<sub>3</sub> plate (located in separate box packaged inside the carton) and it ready to use. The unit will perform better when placed in an elevated central location. Many of our customers prefer to have more than one unit to address specific areas in their home. To install plate, refer to page 8 MAINTENANCE..

# How The Rocky Mountain Air Works

The 7-Stages of your Rocky Mountain Air® Purifier Removes, Destroys & Eliminates Particulates, Pollutants and Odors with the...

1. **DIRT, DUST & DEBRIS PRE-FILTER:**

This initial stage traps large particles such as dirt, dust and debris. Washable. Replace annually.

2. **HOSPITAL-GRADE TRUE HEPA FILTER:**

With a filtration rate of 99.7%, it captures microorganisms, bacteria, mold and viruses below 0.03 microns. Washable by immersing in water only. Replace annually.

3. **CARBON FILTER:**

Absorbs odors and filters the air. May be wiped or vacuumed with brush attachment. Replace annually.

4. **PHOTO-CATALYTIC FILTER (PCO):**

The Photo-Catalytic Filter oxidizes toxic fumes and breaks dust substances into odorless carbon dioxide and water. Activated by the UV lamps , the PCO removes airborne bacteria, deactivates viruses, and eliminates VOC's. May be wiped or vacuumed with brush attachment. Replace annually.

5. **DUAL GERMICIDAL ULTRAVIOLET (UV) LAMPS:**

UV mimics the sun's sterilization properties. Artificial UV energy has proven to be 1,600 times more effective than the sterilization effect of the sun in killing viruses and bacteria, mold spores, mildew bacteria and other airborne antigens and pathogens. Run 24/7.

6. **PURIFY - ACTIVATED OXYGEN (O3):**

Purify oxidizes airborne particulates such as perfumes, cooking odors and cigarette smoke. Converts these pollutants to O2 (pure oxygen). Never operate your purifier with a broken plate. Plate is washable with 50/50 solution of ammonia & water.

7. **ANION - NEGATIVE IONS:**

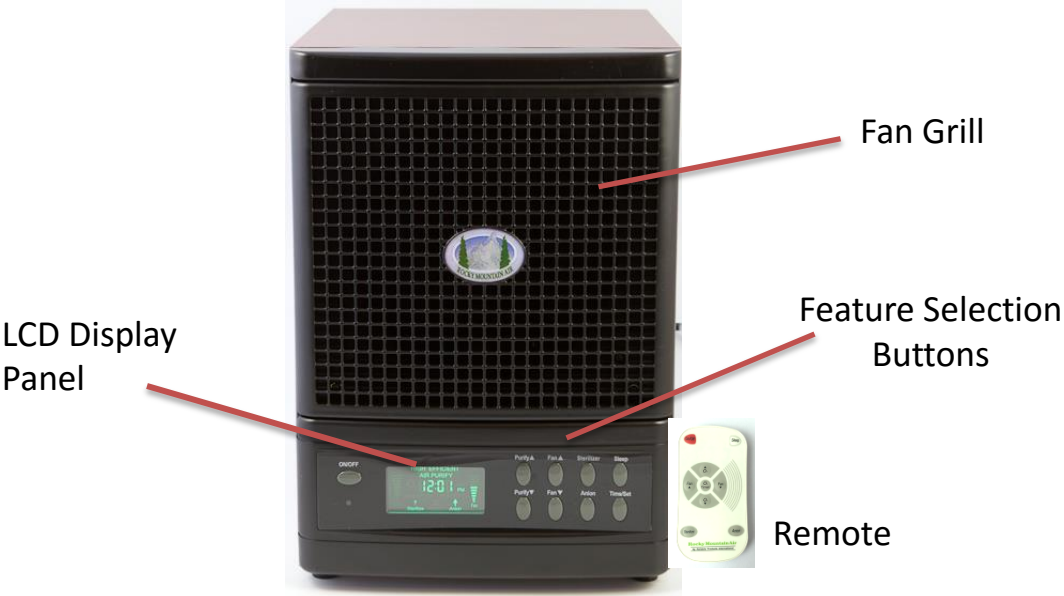
**Produces** negatively charged electrical particles that attach themselves to particulates in the air (positive ions), rendering them heavy enough to fall to the ground and out of the air you breathe. Run 24/7.

**For Best Results**, run the **STERILIZE feature** (activating the germicidal UV lamps and PCO filter), **AND** the **ANION feature** (dropping dust and particulates out of the air.) 24 hours a day /7.days a week.

# PRECAUTIONS

- ❑ This unit employs a ground type (3 prong) plug which will only fit into a grounding type power outlet. Do not use an adapter. Do not attempt to bypass this feature by altering the plug in any fashion.
- ❑ Do not use outdoors or on wet surfaces.
- ❑ Do not use with damaged cord or plug
- ❑ Do not unplug by pulling on the cord. Grasp the plug, not the cord.
- ❑ Do not operate this unit in areas where flammable or combustible products or vapors may be present.
- ❑ Always turn "off" and unplug the unit prior to performing maintenance.

# UNDERSTANDING THE AIR PURIFIER (Front View)

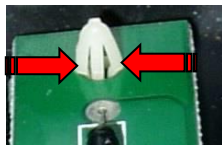
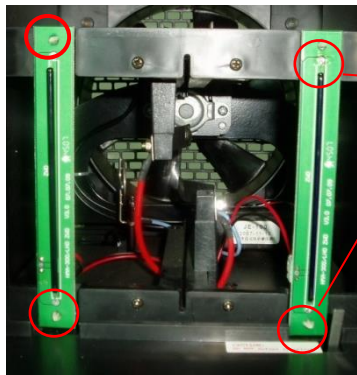


PART	FUNCTION
Fan Grill	Directs the airflow and protects the fan blades. Removable.
LCD Display	Indicates the features and levels selected. When ozone (O3) timer is set, the count-down timer displays minutes remaining.
Remote Control	Fully-functional remote controls the air purifier from a distance.
Feature Selection	Allows you to manually control your purifier with a touch of a button.

## Replacing the Germicidal UV Lamps

At the top and bottom of each green, UV circuit board is a white “arrowhead” fastener.

1. Using a pair of needle-nose pliers, tightly pinch the TOP arrowhead wings to make the shape resembling a post.
2. Gently pull the back of the circuit board towards you and off of the TOP arrowhead fastener. Repeat these steps for the BOTTOM arrowhead.
3. Unplug the wire connector from UV board.
4. Plug the wire connector into the new UV board.
5. Line-up the TOP hole with the arrowhead fastener and gently push it through the hole. Repeat step for the BOTTOM hole.



Step 1



Step 2

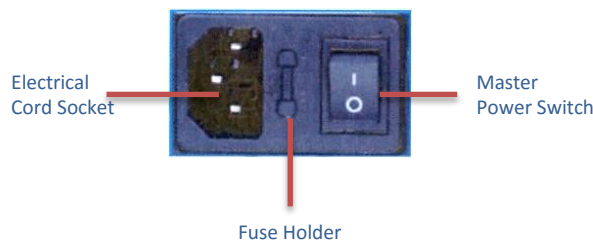


Step 3

## Locating and Replacing the Fuse

As a second safety feature, your purifier has a fuse. If the display will not power on, you should check the fuse. The fuse holder located on the back of the purifier, between the power cord socket and the master power switch. Look for the embossed picture of a fuse.

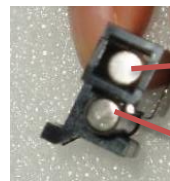
1. The fuse holder slides out of the unit. Insert the tip of a small flat driver into the divot found on the right-hand edge of the power cord socket.
2. Pull and slide holder out of the unit.
3. The spare fuse enclosed in the square box. The active fuse is held within the clasp. Remove the active fuse and place on a white sheet of paper. Replace fuse if it does NOT appear clear.



Step 1



Step 2



Step 3

Spare fuse  
Active fuse

**CAUTION: Unplug purifier to perform maintenance on your unit, including opening the back panel of the unit to clean or replace filters, insert ozone plate, or removing front grill to clean.**

## CLEANING & MAINTENANCE

**To clean the filters.** Shut down the unit and unplug from the power source. Remove the rear screws on the back of the unit. Rinse the rear filter and the HEPA filter in warm water as needed. Do not use detergent or chemicals in your water solution. Simply dust the PCO filter and the aluminum PCO filter - do not wash or scrub. When replacing filters you must make sure the safety switch is pushed in towards the front of the unit. (See Section 7 of Operations/Settings and Controls)

**To clean a plate,** first turn the unit **Off** and **unplug** from outlet. Then remove the 4"x4" plates from back of unit. Pull plates firmly in the center to remove from the slot. With plate firmly supported in the hand, apply a solution of warm water and ammonia (50/50 solution is suggested) or a strong grease cutting detergent. Scrub with a stiff brush if necessary. Be careful not to drop the plate or scrub off the silicon. Clean both the metal screen and the ceramic tile. Rinse plate in hot water and **dry completely** before installing. If available, you may use a hair dryer to dry the plate. Reinstall plate, making sure it is secured and flush with the back of the unit. Plug unit into a grounded electrical outlet, turn unit on and start enjoying clean fresh air.

**To clean needlepoint ionizer,** first turn **off** and **unplug** from outlet. Remove the fan grill cover. The needlepoint ionizer will be easy to find in front of the fan by looking for two pieces of wire. Take a Q-tip or cotton swab dipped in alcohol and clean any dust that may have accumulated on the needlepoints. This process may be done when plates are being cleaned. While you have the front grill cover off the unit, you may also clean the fan and grill itself. To clean the fan, simply wipe the blades with a damp cloth or vacuum. The grill cover may also be cleaned with warm soapy water. Be careful that the fan grill cover is completely dry before installing.

## TROUBLESHOOTING

**If you suspect a problem with your unit check the following:**

- ✓ Make sure plate is clean (see above). Check plate alignment making sure the ceramic plate is almost flush with back of unit.
- ✓ Check PCO filter placement. (See proper installment instructions).
- ✓ Unit is plugged in properly and master power switch on back of unit is turned on.
- ✓ Check the fuse to make sure it is installed properly and not burned out. To replace fuse, push in and turn fuse holder to the left, remove old fuse, replace with spare. Use 1 amp fuse, 1.25 inches long.
- ✓ Wall outlet is active
- ✓ It is important that the Air purifier be properly grounded to avoid potential shock.
- ✓ If the fan is not operating, or if no buzzing sound is detected on the high setting after cleaning the plate, please contact your local dealer.