

**ROCKY MOUNTAIN AIR**

**THE CLOUD**



MODEL # RMA3500-CH

# USER GUIDE

Home/Office  
Purification System

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

Please read all of the information provided in this user's guide before operating your new air unit.

## 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.



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



everyone, do not remove product covering.

## Q. What is Nano photo-catalytic filter?

**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.

A. The function of this filter is to destroy VOC's and chemical odors by the photo-catalytic oxidation (PCO) technique. Airborne pollutants are treated by semiconductor photo-catalysis, in which the key material is TiO<sub>2</sub> which is activated when the “sterilize” feature is turned on. TiO<sub>2</sub> particles are non-toxic, chemically stable, and possesses relatively high photo-catalytic activity for greatest efficiency.

## Q. How does it compare to air filters?

A. Rocky Mountain Air Purifiers and Sterilizers combine the best and most modern technologies available today to cleanse the air of 99.9% of all airborne pollutants. Not just a filter...not simply a purifier...Rocky Mountain Air Purifiers are the best of both worlds. .

## Q. What's the function of UV lights?

A. The Ultraviolet Light destroys bacteria, viruses, fungi, yeast, mildew and mold. It reduces or prevents mold growth. When this “sterilize” feature is turned on, the germicidal UV lights work in conjunction with the PCO filter to destroy VOC's and chemical odors. These high-output, long-lasting UV lamps are used in industrial commercial and residential applications.

## Q. Where should I place the Air Purifier in my home or office?

A. We recommend placing the Rocky Mountain Air Purifier in the area where the issue is found or where you spend the most time. An elevated location is best to distribute ions and activated oxygen more evenly. Rocky Mountain Air Purifiers may be placed in a room that is centrally located in your home, or within 10 feet of an cold air return. 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.

## Q. How long will the Rocky Mountain Air Purifier last?

A. The 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 to come.

## How The Rocky Mountain Air Works

Waterfalls, lightning, and Rocky Mountain Air Purifiers and Sterilizers all combine the best and most modern technologies available today to cleanse the air of 99.9% of all airborne pollutants. Not just a filter...not simply a purifier...Rocky Mountain Air Purifiers are the best of both words.

Pollutants and odors have no chance against Rocky Mountain Air Purifiers ...here is what they are up against:

### DIRT, DUST & DEBRIS PRE-FILTER:

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

### HOSPITAL GRADE HEPA FILTER:

With a filtration rate of 99.7%, it captures microorganisms, bacteria, mold and viruses below 0.3 microscopic particles. Washable.

### UV2 ULTRAVIOLET CARTRIDGE X2

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.

### PHOTO-CATALYTIC FILTER:

The Photo-Catalytic Filter oxidizes toxic fumes and breaks dust substances into odorless carbon dioxide and water. Removes airborne bacteria and deactivates viruses. Do not immerse in water.

### ACTIVATED CARBON :

This filter eliminates airborne particulates such as perfumes, food smells and helps cigarette smoke. Do not immerse in water.

### NEGATIVE IONS (ANION):

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 we breathe.

**Congratulations** on your purchase! You have purchased a state-of-the-art air purification system with wood cabinetry and high quality stainless steel. Only the finest materials surround the finest air purification technology. We hope that you will enjoy your purchase for years to come.

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

## 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 \_\_\_\_\_

## Understanding the Air Purifier (Front View)



PART	FUNCTION
LCD display panel	Display working status, time; with green backlight
Remote Control (not shown)	Control the air purifier from across the room
Feature Selection Button	Turn features off/on with a touch of a button.

*We recommend running the Anion and Sterilize features around the clock to keep down dust and particulate out of the air you breathe and to maintain the treatment of viruses, bacteria, etc.*

## 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 vacuum the PCO filter and carbon filters, or wipe with clean cloth. Do not immerse or scrub the aluminum PCO or Carbon filters. Make sure filters are dry before replacing. When replacing filters you must make sure the safety switch is pushed up towards the front of the unit. (See Section 6 of Operations/Settings and Controls)

To clean needlepoint ionizer, first turn **Off** and **unplug** from outlet. Remove the fan grill cover. The needle point 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 needlepoint. 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 blades, simply wipe 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).
- Unit is plugged in properly and 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
- Check plate alignment making sure the ceramic plate is almost flush with back of unit.
- It is important that the Air purifier be properly grounded to avoid potential shock.

**Caution: Turn off Power Switch if you want to open the back panel of the unit to replace parts.**

# ROCKY MOUNTAIN AIR



## WHERE TO USE?

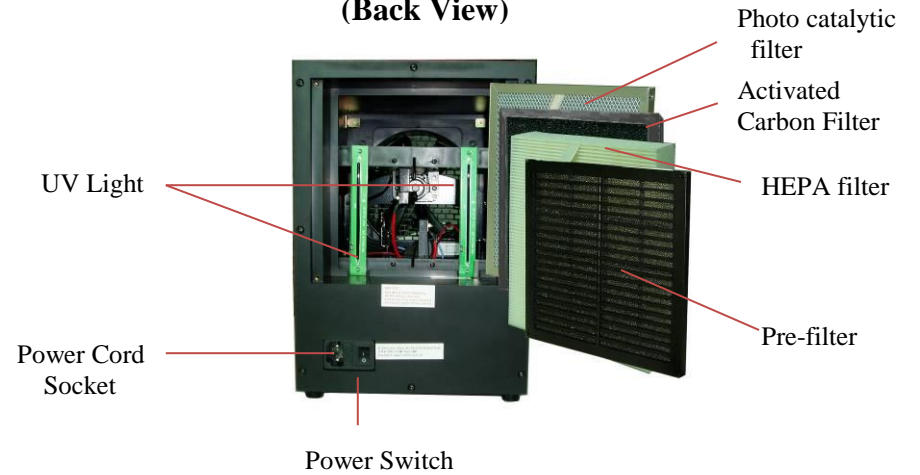
- Homes & Living Areas
- All types of offices & stores
- Water & fire damaged areas
- New paint & wallpaper areas
- Odor clean-up
- “Sick” buildings
- Hospitals & nursing homes
- Veterinary offices
- Smoking areas
- Hotel rooms
- High pollen environments
- New carpet furniture & Rooms
- Kitchens
- Attics & basements
- Laundry rooms
- Doctors’ offices
- Day care centers
- Stables & aviaries
- Locker rooms
- Restaurants & bars

## SERVICE AND WARRANTY

Should you determine that your air unit requires service, please contact your local dealer or the retailer listed on your sales receipt.

The Cloud comes with a 3-yr. limited manufactures warranty. The warranty does not cover filters and bulbs. Contact your dealer for warranty issues.

### Understanding the Air Purifier (Back View)



PART	DESCRIPTION
Power Cord	120 Volt grounded cord (unless otherwise specified). DO NOT bypass ground wire cord.
TiO <sub>2</sub> Photo-catalytic Filter	Photo-catalytic filter can be replaced very easily. It is long lasting and does not need replace often.
Activated Carbon Filter	Effectively remove bad smell, odor, smoke, etc.
HEPA filter	To wash or replace, access the HEPA filter by un-screwing the 4 finger screws on the back & removing the air-intake cover and pre-filter. Its lifetime is one year.
UV light	365 μ m wavelength, replaceable by authorized technician.

**NOTE:** As you stand in front of the unit the ionizer will create a slight charge. If you then touch a metal object there may be a static electric discharge similar to touching a doorknob in winter.

## OPERATION / SETTINGS & CONTROLS



1. Manually, or with remote control, turn unit "on".
2. Press "**Fan ▲**" or "**Fan ▼**" to adjust airflow speed. There are five speeds from which to choose.
3. "**Sterillize**" controls the UV lamps and photo-catalytic filter. You'll know that this feature is activated from the soft blue glow visible through the front grill. Press this button to both activate and de-activate this feature "Don't stare directly at the blue light."
4. "**Anion**" controls the dispersal of negative ions. You'll know that this feature is activated as the orange bulb will be lit and clearly visible through the front grill. As with the "Sterilize" feature, this button can both activated and de-activate the negative ions
5. "**Sleep**" mode dims the LCD panel to a minimum level allowing for a good night's sleep when the unit is used in the bedroom. It is important to note that use of "Sleep" mode does interrupt the Activated Oxygen setting but leaves all remaining settings intact.
6. **Proper Installation of photo-catalytic filter.** Incorrect placement of the photo-catalytic filter will PREVENT the unit from powering on. Please place the photo-catalytic filter so the lever is pushed towards the center of the unit. You will not be able to see this lever when photo-catalytic filter is properly installed. See pictures below.



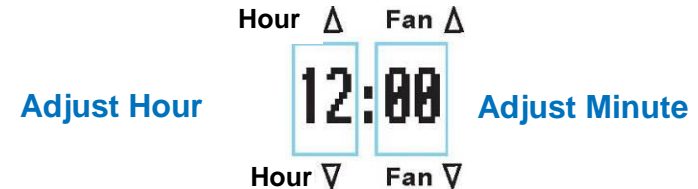
**WRONG WAY if lever visible**



**Correct**

## SETTING THE CLOCK AND DIGITAL TIMER

To set the clock to the current time, press the "Time/Set" button **twice in quick succession**. The "Time" indicator will flash. While flashing, press "Hour up" or "Hour down" to set the hour. Press "Fan up" or "Fan down" buttons to set the minutes. Press the "Time/Set" button one final time to save the setting. NOTE: The Air Purifier uses a US standard 12 hour clock.



**Your Air Purifier TIMER gives you the option to either set the timer to START or SHUT OFF the unit. As a safety feature, your unit cannot be programmed to do both.**

### To set the "START" time:

Set Unit to desired functions and levels. Then turn unit off using the "ON/OFF" switch on the front display (rear power switch remains "ON"). Press "Time/Set" button once. The "Time/Set" indicator will flash. While flashing, use HOUR up or HOUR down buttons to set the desired hour and FAN up or FAN down buttons to set the time you wish the unit to automatically TURN-ON. Press the "Time/Set" button twice to set the timer. The clock icon will appear on your LCD panel indicating that this function has been set. Turning the unit off with the master power switch will clear the timer.

### To set the "SHUT-OFF" time:

Set Unit to desired functions and levels. While unit is on press "Time/Set" button once. The "Time/Set" indicator will flash. While flashing, use HOUR up or HOUR down buttons to set the desired hour and FAN up or FAN down buttons to set the time you wish the unit to automatically TURN-OFF. Press the "Time/Set" button twice to set the timer. The clock icon will appear on your LCD panel indicating that this function has been set. Turning the unit off with the master power switch will clear the timer.