

ROCKY MOUNTAIN AIR[®]

THE SUMMIT

MODEL # RMA3500-CHO

And

SUMMIT PLUS

MODEL # RMA3500-CHOP



USER GUIDE



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www.RockyMountainAirPurifiers.com

Please read all of the information provided in this user's 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 purifier dial off or down if the O₃ smell is detected.

	<p>CAUTION</p> <p>RISK OF ELECTRICAL SHOCK DO NOT OPEN</p> <p>ATTENTION</p>	
<p>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.</p>		

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.

Q. Should I run my purifier 24 /7?

A. 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.

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 99.7% of all airborne pollutants. It is a comprehensive filtration and purification system. Rocky Mountain Air[®] Purifiers are the best of both worlds.

Q. 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 O₃ 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.

Q. Where should I place the Rocky Mountain Air[®] Purifier?

A. 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.

Q. How long will the Rocky Mountain Air[®] Purifier last?

A. 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.

Q. Does it come ready to use?

A. Just install the O₃ 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

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.

CARBON FILTER:

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

DUAL UV2 ULTRAVIOLET 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. May be run 24/7.

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. May be wiped or vacuumed with brush attachment. Activated by the UV lamps.

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.

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 you breathe. May be run 24/7.

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.

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. It's not just a filter...not simply a purifier...Our Purifiers combine the best of both worlds.

Read ALL instructions carefully before using this product

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

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 optional.
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.
Fan Grill	Vacuum with brush attachment as needed. May be removed and washed with warm soapy water - dry completely before replacing. Unplug unit before removing.

STERILIZE activates the germicidal UV lamps and PCO filter and may be run 24/7. Run the **ANION** feature 24/7 to drop dust and particulates out of the air.

PURIFY [Activated oxygen- O_3] is used to and remove heavy odors. Adjust the level based on the area to be treated. The unit may be adjusted to a higher level for a period of time in unoccupied areas. Use this PURIFY feature and set the timer to shut-off the unit prior to your return to completely deodorize the home or office while away. Unused O_3 reverts back to O_2 in about an hour.

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.

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.

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

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

WARRANTY

The Summit and Summit PLUS comes with a 3-yr. limited manufactures warranty. The warranty does not cover filters, plate or bulbs. Contact your dealer for warranty issues.

USING A TIMER

Some users who are sensitive to ozone set their units up on a timer so that the purifier does its work only when they are away from home. This allows for a higher setting and higher concentrations, which can be more effective for purging purposes. The ozone will normally dissipate in less than an hour after the purifier is turned off. Simple timers plug into an outlet and are available at hardware and variety stores.

PART DESCRIPTIONS

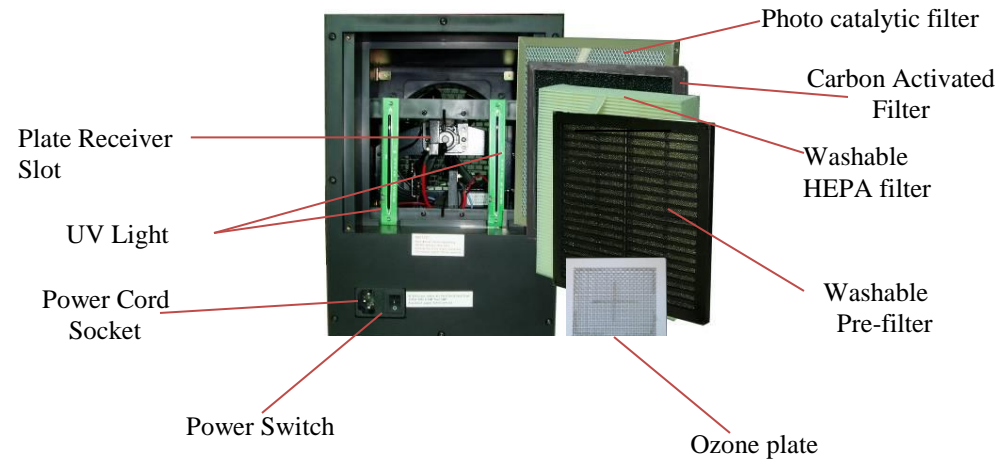


Plate receiver slot	Allows insertion and removal of ceramic plates for cleaning
Power Cord	110 Volt grounded cord (unless otherwise specified). DO NOT bypass ground wire cord.
TiO ₂ Photo-catalytic Filter	Photo-catalytic filter can be replaced very easily. It is long lasting and does not need replacing often.
Ceramic Plate	Removable ceramic plate. Wash with ammonia & water using a stiff brush or toothbrush. Rinse thoroughly and dry completely before replacing.
Washable HEPA filter	To wash or replace, access the HEPA filter by un-screwing the 4 finger screws on the back & removing the intake cover and pre-filter.
UV light	365 μ m wavelength, replaceable
Carbon Filter	Carbon filter may be vacuumed with brush attachment or wiped with a clean cloth.

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



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. Press “Purify ▲” or “Purify ▼” to adjust the level of activated oxygen (O³). There are five stages. Use the following chart to determine the proper setting for the area to be purified.

Purifying Stage	Display	Active Area (square feet)	Purifying Stage	Display	Active Area (square feet)
Stage 1	Purify I	0-500	Stage 4	Purify IV	1500-2000
Stage 2	Purify II	500-1000	Stage 5	Purify V	2000-3500
Stage 3	Purify III	1000-1500			

4. ”Sterilize” controls the UV lamps and photo-catalytic filter. You will know that this feature is activated from the soft blue glow visible through the front grill along the back wall. Press this button to both activate and de-activate this feature “*Don’t stare directly at the blue light.*”
5. ”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
6. ”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.
7. **Proper Installation of photo-catalytic filter and HEPA 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 following.



WRONG WAY if lever visible

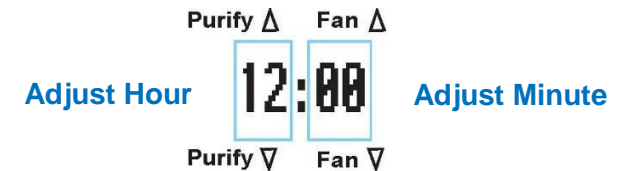


Correct

SETTING THE CLOCK AND 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 “Purify up” or “Purify 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 set the timer either to START or to 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 PURIFY up or PURIFY 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 PURIFY up or PURIFY 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.