



# Owners Manual

## RFA5000

Congratulations on your purchase of one of the finest air cleaning systems available today. The Rain Fresh Air RFA5000 offers the best of all proven air cleaning technologies efficiently packaged in a single compact unit.

Rain Fresh Air  
6240 W. 135<sup>th</sup> Street, Suite 220  
Overland Park, KS 66223  
[www.rainfreshair.com](http://www.rainfreshair.com)

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

### WARNING

Remove the protective plastic bag from the air filter before use!

### 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.

*Caution:* TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE BACK COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



**CAUTION**  
RISK OF ELECTRICAL SHOCK  
DO NOT OPEN  
**ATTENTION**



## COMMONLY ASKED QUESTIONS

### **Q. What does the Rain Fresh Air do?**

A. It treats the air in your home or office by breaking down odor causing pollutants and dropping airborne particulate from your breathing space.

### **Q. How does the Rain Fresh Air treat the air?**

A. The Rain Fresh Air produces ozone, negatively charged ions, Titanium dioxide molecules and active HEPA filtering. These are some of the same effective cleansing agents that nature uses to treat outdoor air.

### **Q. How does the Rain Fresh Air work?**

A. It is a four-stage process

- Eliminates germs, bacteria, viruses, mold and fungi with titanium dioxide technology. A custom TiO<sup>2</sup> fiber wrapped ultraviolet lamp generates TiO<sup>2</sup> active radicals that aggressively destroy irritants.
- Eliminates dust, dirt, pet dander, pollen and other allergens with a powerful negative ion generator. As an added benefit negative ions create that Rain Fresh Air smell found in nature.
- Captures and contains dust, pollen and other particulate matter with a specially designed 4-stage HEPA filter. This filter has 4 technologies at work:
  - 99.97% minimum rated HEPA filter for maximum filtering of dust, dirt, smoke and pollen. Pleated for increased air flow.
  - Activated charcoal layer for superior odor, fume and smell elimination.

- Silver nano-particle layer to add additional mold, fungi and bacteria protection.
- TiO<sup>2</sup> photo-catalyst layer to increase effectiveness against bacteria, mold, fumes and odors.
- Kills bacteria, viruses, spores, mold and mildew throughout your whole house with a powerful ozone generator. Produces ozone levels that are safe for people but not for irritants!

**Q. How does nature produce ozone?**

A. Ozone is created electrically during active thunderstorms. The electrical discharge creates a fresh sweet smell. The ultraviolet rays of the sun striking hydrocarbons in our atmosphere also create ozone.

**Q. How does nature produce ions?**

A. Waterfalls, lightning, and the waves of the ocean all create negative ions.

**Q. What is an ozone alert?**

A. Ozone alerts in cities are a result of the high pollution levels of hydrocarbons produced by the burning of fossil fuels. When ultraviolet rays from the sun strike hydrocarbons, O<sub>3</sub> is one of the by-products. Ozone is easily detected and is sometimes used as a reference point for the level of pollutants.

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

A. Rain Fresh Air does not rely on the air to actually pass through the machine to be cleaned like air filter only machines. Rain Fresh Air produces both activated oxygen, which reduces odors, and negative ions, which settle out particulate matter out in the room.

**Q. Is ozone safe?**

A. Yes, but moderation is the key. Ozone in very high concentrations can be irritating to mucous membranes and the respiratory system. We recommend you set the O<sub>3</sub> dial properly. Before using the Rain Fresh Air you should read the enclosed instructions carefully. Refer to Using a Timer section.

**Q. Where should I place the Rain Fresh Air in my home or office?**

A. The Rain Fresh Air should be placed in the room where you have the most pollutants. The Rain Fresh Air 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. Rain Fresh Air works best if it is placed within 10 feet of a cold air return.

**Q. How long will the Rain Fresh Air last?**

A. The Rain Fresh Air is made of quality material with superior craftsmanship and you will enjoy it for many years.

**Q. Is it difficult to install?**

A. No. Just install the Rain Fresh Air in any room, but try to find a place where it can be up off the ground four feet or more. Some customers prefer to have more than one unit to better control cleaning in the home.

## Operation Instructions



### Power

Plug the unit in and press the “Power” button. A green display will come on to let you know the unit is ready for operation.

### Ionizer & TiO2 operation

This button operates in 3 settings. The color display and the indicator buttons will change to tell you what setting you are using. Press once for Ion generation only. Press again to operate TiO2 generation only. Press a third time to operate both ion and TiO2.

### Fan speed

Three settings are available, low, medium and high. The larger the room size the higher the recommended fan speed.

### Ozone

Press the ozone button to activate ozone generation. An indicator light will come on to indicate operation. Ozone generation operates in 60 minute increments. Press button again to re-activate.

### HEPA filtering

The 4 way filter operates any time the fan is running.

## **Placement Suggestions**

The RFA5000 works best when placed in a central location that allows it to circulate the most amount of air. The closer to the source of pollution the better the unit will perform.

## **Routine Maintenance**

Change the air filter every 6 months, if necessary. Replace the filter when the white side of the filter appears dirty. No other routine maintenance is required.

## **Specifications**

Power:	120 vac, 60 Hz
Wattage:	35/30/20 watts based on fan speed
Air Movement:	70/50/35 cfm air movement based on fan speed
Size:	6.85” D x 15” W x 19.3” T
Weight:	8.8 lbs
Replacement filter:	RF5000
Replacement lamp:	RL5000

## **Replacement Parts**

Replacement parts may be obtained at [www.rainfreshair.com](http://www.rainfreshair.com). User replaceable parts are the UV lamps and HEPA air filters. All other repairs should be referred to a qualified technician.

**Filter replacement**

Unplug the RFA5000. Remove the front cover by gently pulling on the case around the air inlet. Remove old filter and dispose of properly. Install the new filter with the white side facing outwards away from the fan. Replace the cover. Plug in unit and turn it on.

Use only the RF5000 air filter for replacement.

**Repair**

Visit [www.rainfreshair.com](http://www.rainfreshair.com) for the latest information.

**Warranty**

90 days parts and labor. 3 Years parts. Refer to [www.rainfreshair.com](http://www.rainfreshair.com) for more information.

**Contact Us**

Contact information is available at [www.rainfreshair.com](http://www.rainfreshair.com) and by e-mail at [customerservice@rainfreshair.com](mailto:customerservice@rainfreshair.com).

**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.

Model Number \_\_\_\_\_

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

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

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