

# ACTIVATOR 250 (Models 50XX) - OZONE GENERATORS 110 VOLT AND 220 VOLT MODELS

## IMPORTANT SAFETY INSTRUCTIONS

These instructions contain important safety and operating information for your electronic deodorizer.

The **RAINBOWAIR** Activator 250 was designed with the housekeeper or homeowner in mind. The lightweight and easy to use design is the result of years of experience. This model is used to deodorize areas in a short period of time using controlled levels of activated oxygen (ozone). Using this technology will eliminate the need for scented sprays and chemical agents. No sprays of any kind should be used in conjunction with this unit.

USE THIS CLEANING PRODUCT TO  
FRESHEN STALE OR SMELLY ROOMS  
OR DWELLINGS.

### Operating the unit

On the front of the unit there are three controls. The power switch turns the unit on and off. The output dial controls the production of ozone from low (about 50 mg/hr) to medium (about 150 mg/hr) to high (about 250 mg/hr). The bottom dial controls how long the unit runs after being turned on. The minimum amount of time is about one (1) minute, the maximum time is 1 hour (60 minutes). To operate, plug the unit in, set the output and timer controls, place the unit on a dresser or desk (the height there better), turn the HVAC system in the room on, turn the **RAINBOWAIR** Activator 250 on and leave the area. The unit will turn itself off after running for the time period set. **Note that the timer control knob does not move as the unit is running.**

## Application guide

Area/Odor	Timer setting	Output setting
<b>Guest room</b> Stale air, light tobacco odor	15 minutes	Medium
<b>Meeting room/ Living area</b> Stale air, moderate tobacco odor	30 minutes	Medium
Convert smoking to non smoking room*	60 minutes	High

**HINT** : Because ozone is heavier than air it is suggested that the unit be placed as high in the room as possible. Turn the HVAC fan on which will help circulate the deodorizing properties of the **RAINBOWAIR** Activator.

Set timer, turn unit on, and exit the room being treated.

\*Severe odor contamination may require additional steps. Contact **RAINBOWAIR**.

**DANGER** : Elevated ozone levels exist during operation of the unit. If improperly used by unqualified personnel exposure to ozone can be irritating to the eyes, nose and throat.

To reduce the risk of electrical 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.

## Converting a smoking room to non-smoking

Clean or replace linens, bedspreads, pillows, draperies, and carpeting. Remove ashtrays and other signs of it being a smoking room. Set up the **RAINBOWAIR** Activator as previously outlined and set the output to high and the timer to 60 minutes. Open any doors in the room I.E. closet and bathroom. Remove any plants from the room and turn the unit on. **Make sure no people or pets have access to the area.** Do not enter the room for at least 2 hours. After the waiting period, enter the room and allow it to air out for 2 hours by opening any windows and doors. Replace draperies and linens. The room should be ready for your non-smoking guests.

You are encouraged to maintain your ozone generator thoroughly. You will receive years of trouble free service by doing so. Failing to do so can cost you time and money, and may void your warranty. Here are some tips:

1. Clean or replace the generator plate often. **Use an ultrasonic cleaner** or stiff bristle brush with soap and water to clean. A dirty plate produces little ozone and can cause transformer or generator base failure.
2. Wipe the gray base material with a clean lint free rag and rubbing alcohol. Avoid having contamination build up on the components.
3. Clean the foam filter on the rear panel of the unit. Snap the plastic retaining ring that hold the filter in place off, remove and wash the filter in warm soapy water. Allow the filter to dry before re-installing on the unit.

Contact **RAINBOWAIR** for replacement parts or repair work if necessary.

## Troubleshooting

**NOTE : Always disconnect the power cord before attempting maintenance or repairs.**

If the unit does not come on make sure the power source is hot and the power cord is seated in the unit properly. Check the circuit breakers on the rear panel. No white should be showing on the rocker switch. If white is showing try to reset the breaker. Call **RAINBOWAIR** to help diagnose the problem.

If the unit comes on but does not appear to be creating ozone remove the top and make sure the ceramic plates are seated properly between the metal clips. Also check to see that none of the plates are broken or cracked. Broken or cracked plates will prevent ozone from being produced. Check the circuit breakers as above, attempting to reset any if they appear tripped. Call **RAINBOWAIR** for assistance or repair.

**This product is environmentally friendly.**