



guardian  
technologies™

## USE & CARE INSTRUCTIONS

# Pluggable UV-C Air Sanitizer

**Model No. RGG1000**

30-Day Limited Warranty

**Customer Service**

**1.866.603.5900**

**[www.guardiantechnologies.com](http://www.guardiantechnologies.com)**

Date Purchased month \_\_\_\_\_ year \_\_\_\_\_

**English E - 1 French F - 1 Spanish S - 1**

**Note: Use GENUINE GuardianTechnologies replacement parts only.**



3.5 Watt Light Bulb  
Replacement Part No. LB1000

### IMPORTANT SAFETY INSTRUCTION: READ AND SAVE THESE INSTRUCTIONS BEFORE USING THE PRODUCT

## WARNINGS

When using this product basic precautions should be followed to reduce the risk of fire, electric shock and injury.



### **DANGER: Electrical Shock**

- Use this product only as described in this manual.
- Operate this product on 120 V AC, 60 HZ only.
- Do not operate without cover in place.
- Do not defeat the interlock switch.
- Do not operate with an extension cord.
- To reduce the risk of electrical shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact qualified personnel to install the proper outlet. DO NOT alter the plug in any way.
- Do not operate this product if there is any physical damage to the unit.
- This product is for indoor use only.

- Do not operate this product in any area where there is a risk of the unit falling into or being exposed to water.
- Opening windows or doors while operating this device may affect performance.
- This device should not be used in the presence of oxygen or any flammable materials or gases.

### **TO REDUCE THE RISK OF INJURY:**

- Always unplug the unit before servicing.
- Close supervision is necessary when operated by children and pets.
- Do not handle the unit or plug with wet hands.
- Keep the product away from heated surfaces.
- Do not put any object into the opening or block airflow to the unit.

## WARNING

**MISAPPLYING OR MISUSING THE UV-C BULB COULD CAUSE INJURY TO THE EYES OR SKIN. NEVER USE THE BULB WITHOUT INSTALLING IT IN THE UNIT AS INSTRUCTED. NEVER OPERATE THE UNIT WITHOUT THE TOP CAP IN PLACE.**

This product can be serviced or maintained only by changing the UV-C bulb. The unit contains no serviceable parts. All parts, except the UV-C bulb, are warranted for 1-year from date of purchase. See the Limited Warranty. Use of any bulb other than the appropriate Pluggable UV-C Air Sanitizer bulb will void warranty. You may purchase bulbs (LB1000) directly from Guardian Technologies LLC, or we can provide you with the names of retailers who stock our products in your area. The health aspects associated with this product and its ability to aid in the disinfection of environmental air have not been investigated by the CSA. The purchase of the Pluggable UV-C Air Sanitizer unit does not prevent illness.

The 8 hour TWA Ozone for this product is 0.001 ppmv when tested in a 30 m<sup>3</sup> chamber. The product complies with the maximum allowable concentration of ozone of 0.050 parts per million by volume (ppmv) in a 24-hour period. The Health Canada Guideline 2010 recommends that the maximum exposure limit, based on averaging time of 8 hours, is 0.020 ppmv or less when tested in a sealed, controlled room approximately 30 m<sup>3</sup>.



**WARNING: THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS INCLUDING LEAD OR LEAD COMPOUNDS, WHICH ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. FOR MORE INFORMATION GO TO [WWW.P65WARNINGS.CA.GOV](http://WWW.P65WARNINGS.CA.GOV).**



**LAMP CONTAINS MERCURY**



**Manage in accordance with Spills, Disposal and Site Cleanup Requirements. In case of breakage, follow clean-up procedures provided by contacts below.**

**[www.epa.gov/cficleanup](http://www.epa.gov/cficleanup) 1-866-284-4010**

## WARNING

**ULTRAVIOLET-C LIGHT IS EMITTED FROM THE BULB WHEN THE UNIT IS ELECTRIFIED, EYE INJURY OR IRRITATION COULD RESULT. UNPLUG THE UNIT WHEN SERVICING THE BULB TO AVOID OVER-EXPOSURE OF EYES AND SKIN TO THE ULTRAVIOLET-C (UV-C) LIGHT.**

Discard the used bulb by following the recommended disposal procedure for a used fluorescent bulb

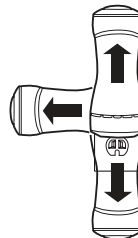
The bulb should only be used in the Pluggable (GG1000) and all instructions for use must be followed.

## WARNING

**ALWAYS UNPLUG THE UNIT FROM ELECTRICAL OUTLET WHEN SERVICING**

**UNDER NO CIRCUMSTANCES SHOULD YOU CLEAN THE BULB, BULB HOLDER OR CYLINDER WITH WATER OR WET SOLUTIONS. THIS COULD CAUSE ELECTRICAL SHOCK.**

## HOW IT WORKS

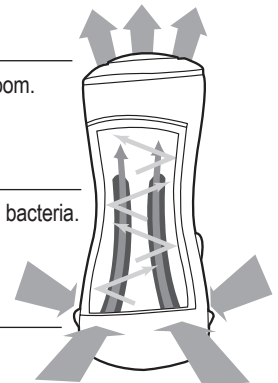


Plugs into outlet 3 ways.

Purified air is released into the room.

UV-C light kills or inactivates airborne bacteria.

Fan draws in air.



**\*It is recommended to run the GG1000 continuously. Opening doors and/or windows in the room may affect the performance of the device.**

## DIRECTIONS FOR USE

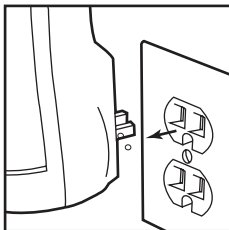
1. Plug the unit into a 120V AC electrical outlet.
2. For best results continuous operation is recommended.

**NOTE: THE PLUGGABLE UV-C AIR SANITIZER UNIT CONTAINS NOSERVICEABLE PARTS EXCEPT ITS UV-C BULB. THE BULB MAY BE REMOVED FOR REPLACEMENT.**

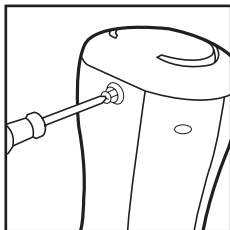
## WHEN TO CHANGE THE BULB

A replaceable 3.5 watt UV-C light bulb will last approximately 5000 hours. Over time with use the UV-C bulb will lose some intensity approximately 15% at 4000 hours. Therefore it is suggested to replace the UV-C light bulb approximately every 6 months (depending on use). You will know to change the bulb when the light flickers continuously or changes colors. *Replacement bulb no. LB1000.*

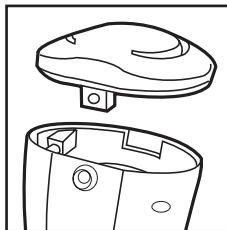
## REPLACING THE UV-C BULB



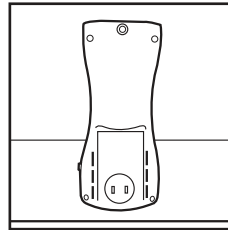
1. Unplug the unit from the electrical outlet.



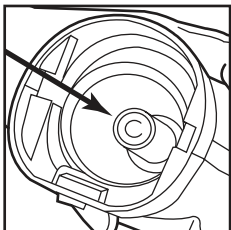
2. Using a small Phillips head screwdriver, loosen and remove the Phillips screw located at the top backside of the unit.



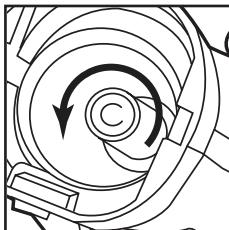
3. Remove the top cap by lifting it off of the top of the unit.



4. Place the unit on a table or level surface in the upright position.



5. Hold the unit in place with one hand. Locate the bulb and reach into the cylinder.



6. With your opposite hand, turn the bulb in a counter-clockwise direction (left) to loosen from the socket.

7. Take new bulb and screw into unit using a **clockwise** motion.
8. Wipe off fingerprints with a dry cloth after
9. Reassemble by reversing steps 1-6.

## TROUBLESHOOTING GUIDE

PROBLEM	SOLUTION
Unit doesn't operate.	Check that unit is plugged in. Call Customer Service.
Light Flickers.	Bulb burnt out. See 'Replacing UV-C Bulb' section of manual.
Fan runs but no light.	Bulb burnt out. See 'Replacing UV-C Bulb' section of manual.

## IMPORTANT

The UV-C bulb is specifically excluded from this warranty.

The Pluggable contains no serviceable parts. Due to the technology of the GG1000, all repairs must be performed by Guardian Technologies' authorized service centers. Any unauthorized repair or tampering with the GG1000 VOIDS this warranty. This warranty does not cover misuse or abuse.

## LIMITED WARRANTY

To the consumer, Guardian Technologies LLC warrants this product to be free of defects in materials or workmanship commencing upon the date of the original purchase. In order to be eligible for this Limited Warranty, an original sales receipt or comparable substitute proof of purchase bearing the date of original purchase is required. Refer to the original product carton or specific product/model page on the Guardian Technologies website for warranty length for your particular model. This warranty applies only to the original purchaser of this product from the original date of purchase. This warranty covers product purchased from authorized distributors only.

This warranty applies to repair or replacement of product found to be defective in materials or workmanship. This warranty does not apply to damage resulting from unusual wear, commercial, abusive, unreasonable use or supplemental damage. This warranty does not cover damage from unauthorized repairs or from any use not in accordance with the instruction manual. Defects that are the result of normal wear and tear will not be considered manufacturing defects under this warranty.

If this product should become defective within the warranty period, we will repair or replace any defective parts free of charge. All warranty repairs must be completed by Guardian Technologies LLC. This warranty gives you specific legal rights and you may also have other rights (other rights may vary from state to state in the U.S.A.)

To submit product under warranty the complete machine must be delivered pre-paid to Guardian Technologies LLC. Please include complete information including: the problem, the model number of the product, the day of purchase, and a copy of the original sales receipt along with your name, address, and telephone (email optional). Address returns to the attention of: Customer Service, at the address below. Additional questions or comments can be made toll free to the number listed below.

**USA and Canada**  
**Guardian Technologies LLC**  
**26251 Bluestone Blvd.**  
**Euclid, Ohio 44132**  
**1.866.603.5900**  
**[www.guardiantechnologies.com](http://www.guardiantechnologies.com)**

Please go to [www.guardiantechnologies.com](http://www.guardiantechnologies.com) to register your product. We consider the registration process important to ensuring superior service to our customers, however submitting the warranty registration is optional and does not affect your rights to utilize this warranty according to the conditions stated above.

Additional copies of the instruction manual can be obtained by accessing and printing directly from our website or calling customer service.