

# RGF<sup>®</sup> Guardian Air Plug In

## Air Purification System

COMMERCIAL GRADE

### A Photohydroionization™ (PHI) Technology



Patent Pending

Order Part# PIP-16

#### Reduces Airborne

- Smoke •Mold •VOCs
- Odors •Bacteria •Viruses

#### Benefits

- Plugs into existing outlets
- No wiring required
- Economical
- Low Maintenance
- 25,000 Hour Cell Life
- Light weight
- Compact
- Built in night light
- Hidden mounting screws prevents theft
- Built in electrical outlet
- 3 year warranty
- 2 fan speeds - High for large rooms and basements  
Low for dorms, bathrooms, etc...

CONFORMS TO  
UL STANDARD 1598



**Ideal for dorms, hotel rooms, suites, public restrooms, offices, locker rooms and more!**

The Guardian Air Plug In Natural Air Purification System provides bacteria, mold, odor and VOCs (chemical odors) reduction. The advantage of the Guardian Air Plug In is its ability to be used in any room and be completely inconspicuous. The Guardian Air Plug In plugs directly into a wall outlet and can be used with or without its internal fan. Because it has its own outlets as part of the unit, you do not lose the wall outlet. The Guardian Air Plug In is an air treatment system not a filter.

#### **The Problem:**

Indoor air pollution is now considered by the EPA and Congress to be one of America's most serious environmental health problems. Tightly sealed buildings and homes may be more energy efficient but can trap pollutants and microbes indoors causing allergies odors, mold and illness.

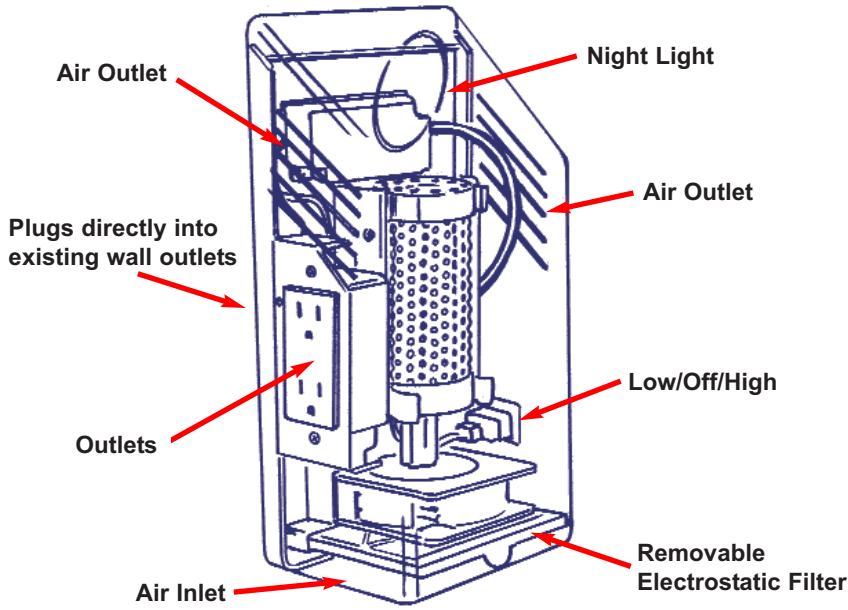
#### **The Solution:**

The Guardian Air Plug In by RGF has proven to drastically reduce odors, smoke, mold, fungi, VOCs (chemical odors) and bacteria found in many rooms. Airborne bacteria and mold reduction is normally in the 90+ percentile.

#### **The Technology:**

The Guardian Air Plug In utilizes RGF's Photohydroionization™ technology which creates super oxide ions, hydroperoxides, hydroxides and UV light targeted on a hydrated quad-metallic target to develop an advanced oxidation.

**You don't lose your outlet!**



Optional anti-theft mounting screws



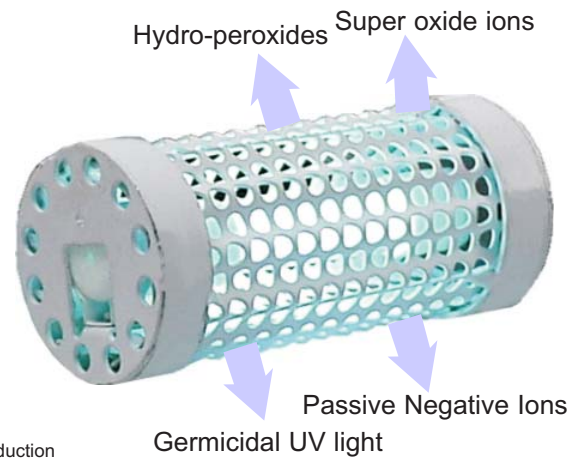
Optional anti-theft mounting screws

**The RGF Pure Air™ Advantage**

While UV systems are designed to kill mold on the HVAC coil, the RGF PHI Cell™ does this, plus it adds advanced oxidants throughout the room to kill microbials at the source. The Sneeze Test Simulated Sneeze Lab Test at three feet in a 250 cu ft Bio Test Chamber. 78% reduction



**RGF's PHI Cell™**



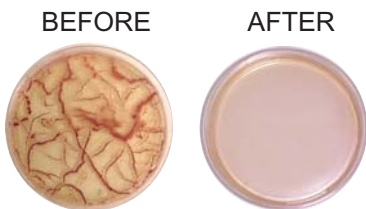
-  Bacteria 99% Reduction
-  Viruses 99.99% Reduction
-  Mold 97% Reduction
-  Gases and Odors 85% Reduction

•The proprietary **Guardian Plasma System™** provides a pro-active atmosphere of Advanced Oxidation Plasma for continuous protection from microbials and odors. Your air will have the smell of purity.

•The RGF proprietary **Mold Intervention System™** has the ability to kill airborne mold spores and mold odors

•The RGF proprietary **Virus Interceptor System™** has the ability to kill virus even the stubborn Norwalk Virus (Independent lab test 99.99% kill in 15 minutes).

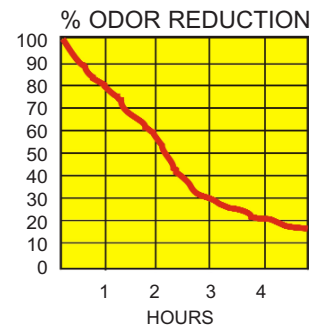
•The RGF proprietary **Photohydroionization™ PHI Cell** has a 25,000 hour or 3 year life.



Actual lab tests showing up to 96% reductions of airborne bacteria and mold

**SPECIFICATIONS**

<b>Dimensions:</b>	6.25" w x 3.75" d x 10" h
<b>Electrical:</b>	110 VAC 50 watts
<b>Controls:</b>	On / Off /Low /High
<b>Weight:</b>	2 lbs.
<b>Material:</b>	Aluminum/ Polymers
<b>Advanced Oxidation:</b>	Less than .04 ppm
<b>Replacement PHI Cell:</b>	(1) PHIC-5A-PIP



Note: Not recommended for installation on external GFCI outlets (if required, a panel box type GFCI breaker must be used).

**RGF Environmental Group, Inc.**

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