

# RGF<sup>®</sup> ENVIRONMENTAL GROUP, INC.

## Commercial Air Purification System- Mini

A Photohydroionization™ (PHI) Technology



### Reduces Airborne

- Smoke •Mildew / Mold
- Odors •Bacteria

### Optional Absorbers

- Grease & Oils- Restaurants
- Mercury - Dental offices, Labs

### Benefits

- Economical
- Maintenance Free (yearly)
- 10,000 Hour Cell Life
- Light weight
- Compact
- Versatile mounting options

Part# CAPS-MINI-16

Ideal for most offices, doctor / dental offices, nail salons, pet groomers, veterinarians and more!

### **Restaurant:**

Restaurants have airborne FOG ( Fats, oils and grease) problems . Grease has been linked to cancer.

### **Dental Offices:**

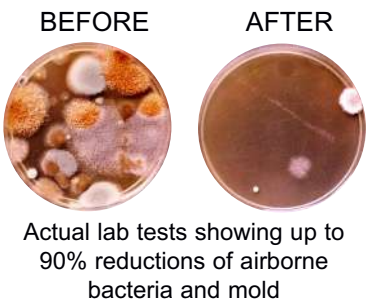
Fillings referred to as “silver” or amalgam contain mercury. The drilling of these fillings asperates the mercury which is linked to nerve damage and mental problems.

### **The Problem:**

Indoor air pollution is now considered by the EPA and Congress to be America’s No. 1 environmental health problem. Tightly sealed buildings and homes may be more energy efficient but can trap pollutants and microbes indoors causing allergies odors, mold and illness.

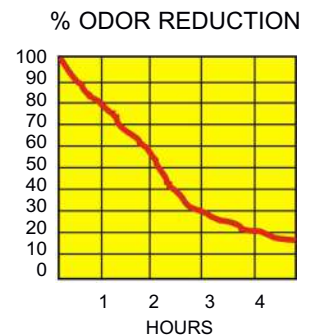
### **The Solution:**

The RGF APS Mini has proven to drastically reduce airborne odors, mold, and bacteria in the 90+ percentile along with significant smoke reduction. Airborne FOGs also are reduced over 90% for restaurant applications and mercury is reduced over 90% for dental applications.



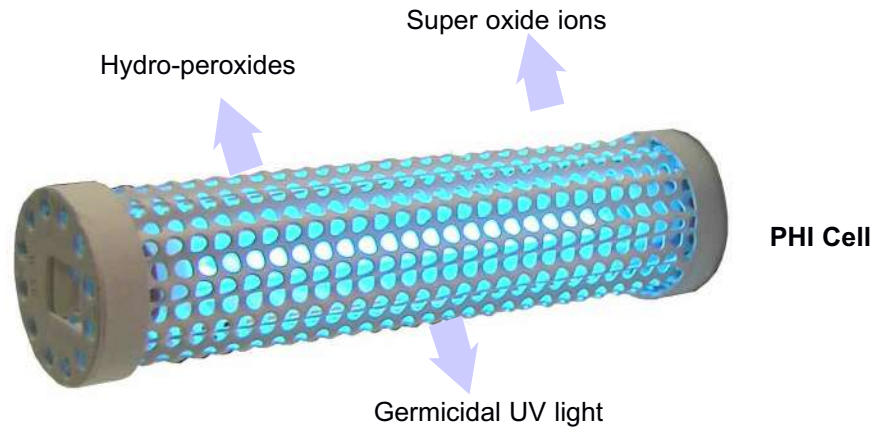
### **SPECIFICATIONS**

<b>Dimensions:</b>	6.25” h x 6.25” d x 18” w
<b>Electrical:</b>	110 VAC
<b>Controls:</b>	On / Off
<b>Weight:</b>	5 lbs.
<b>Material:</b>	Stainless Steel/ Polymers
<b>Advanced Oxidation:</b>	Less than .04 ppm
<b>PHI Cell Part#</b>	PHIC-5A

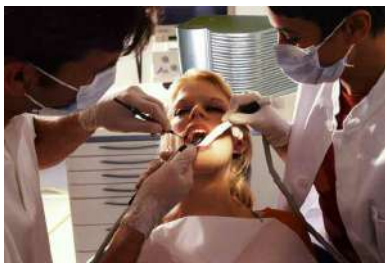


**The Technology:**

The APS Mini utilizes RGF's Photohydroionization™ Cell which utilizes super oxide ions, hydro peroxides, passive negative ions and uv light targeted on a hydrated quad-metallic target to develop a advanced photo-catalytic oxidation.



The resulting Advanced Oxidation reduces airborne mold, bacteria and odors over 90%. The restaurant option include a FOG absorber which captures over 90% of airborne FOGs. The dental option includes an airborne mercury absorber which can remove over 90% of airborne mercury.



Optional vertical stand  
Part# OP-002T



**Absorbers**

- |                   |         |
|-------------------|---------|
| FOG Cartridge     | FL-012T |
| Mercury Cartridge | FL-013T |
| VOC Cartridge     | FL-014T |

**RGF Advanced Oxidation Systems**