

# RGF<sup>®</sup> ENVIRONMENTAL

## Commercial Air Purification System- Mini

### A Photohydroionization<sup>2™</sup> (PHI) Technology



Patent Pending

Order Part# CAPS-MINI-16

#### Reduces Airborne

- Smoke •Mildew / Mold
- Odors •Bacteria •VOCs

#### Optional Absorbers

- Grease & Oils- Restaurants
- Mercury - Dental offices, Labs
- VOC's - Nail Salons

#### Benefits

- Economical
- Low Maintenance
- 10,000 Hour Cell Life
- Light weight
- Compact
- Versatile mounting options

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.

#### **Nail Salons:**

Nail salons have high VOC (Volatile Organic Compound) levels from chemical products commonly used in this profession.

#### **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 also providing significant reductions in airborne FOG's for restaurants, mercury reduction in dental applications, and VOC reductions in nail salon applications.

BEFORE

AFTER

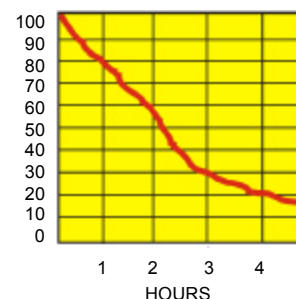


Actual lab tests showing up to 90% reductions of airborne bacteria and mold

#### **SPECIFICATIONS**

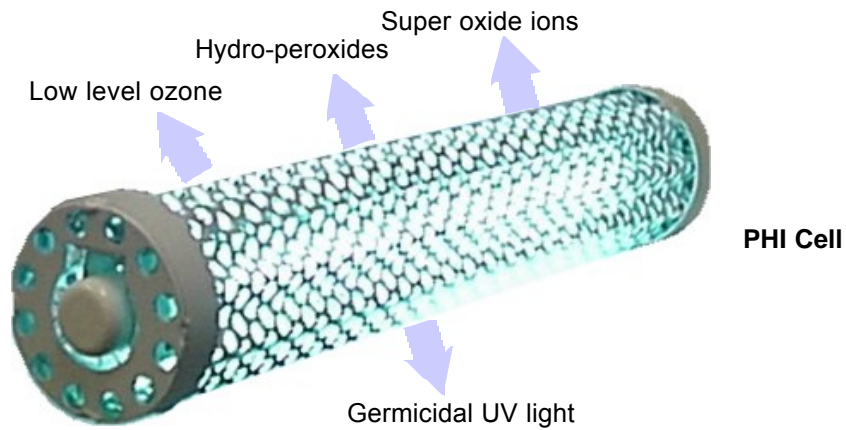
<b>Dimensions:</b>	6.25" h x 6.25" d x 18" w
<b>Electrical:</b>	110 VAC
<b>Controls:</b>	On / Off
<b>Weight:</b>	5 lbs.
<b>Material:</b>	Stainless Steel/ Polymers
<b>Advanced Oxidation:</b>	Less than .04 ppm
<b>Replacement PHI Cell:</b>	# PHIC-5B

% ODOR REDUCTION

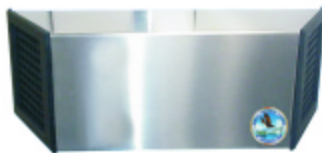


**The Technology:**

The APS Mini utilizes RGF's Photohydroionization<sup>2™</sup> Cell which utilizes safe low level ozone, super oxide ions, hydro peroxides, passive negative ions and uv light targeted on a hydrated tri-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.



Horizontal or vertical wall mount



Optional vertical stand  
Part# OP-002T



**Absorbers**

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

