

(269) 543-4692 • 800-646-1179 • e-mail: info@envirotechgroup.com www.envirotechgroup.com

# **Commercial Air Purification System- Mini**

A Photohydroionization™ (PHI) Technology



# **Reduces Airborne**

- •Smoke •Mildew / Mold
- •Odors •Bacteria •Viruses\* •VOCs

# **Optional Absorbers**

Grease & Oils- Restaurants

Mercury - Dental offices, Labs

VOC's - Nail Salons

# **Benefits**

- Economical
- Low Maintenance
- •25,000 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 almalgum 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
90% reductions of airborne
bacteria and mold

#### **SPECIFICATIONS**

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

Warranty: 3 years
Up to 1500 sq. ft.

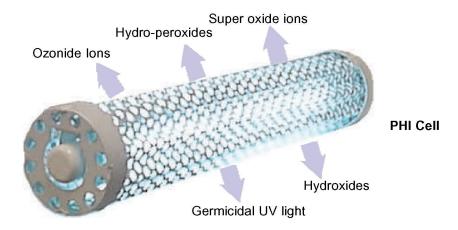
90 80 70 60 50 40 30 20 10 0

HOURS

% ODOR REDUCTION

### The Technology:

The APS Mini utilizes RGF's Photohydroionization™ Cell which utilizes ozonide ions, super oxide ions, hydro peroxides, hydroxides and uv light targeted on a hydrated quad-metallic target to develop an 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.





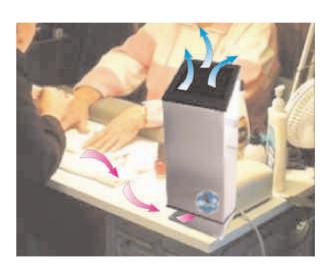


Horizontal or vertical wall mount





Optional vertical stand Part# OP-002T



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

