

RGF[®]

Rapid Recovery Unit[™]

ENVIRONMENTAL

Rapid Recovery Air Purification and Odor Destruction System **A Photohydroionization[™] (PHI) Technology**

Ideal for hotel and motel rooms, suites and apartments. Can be used to rapidly and effectively treat many problem odor areas during daily maintenance and cleaning operations.



THE RGF *RAPID RECOVERY UNIT* ADVANCED OXIDATION GENERATOR IS DESIGNED TO DESTROY, NOT COVER UP, THE FOLLOWING ODORS:

Tobacco Odors
Chemical Fumes
Cleaning Chemical Odors
Cooking Odors
Decaying Organic Matter

Mold & Mildew
Paint Odors
Pet Odors
Sewer Odors
Volatile Organic Compounds

RGF'S PORTABLE, LIGHTWEIGHT UNIT IS IDEAL FOR:

Hotels/Motels/Resorts
Airplanes/Automobiles
Apartments/Condos

Fitness Facilities
Restaurants
Buses

Offices
Schools & Universities
Yachts & Boats

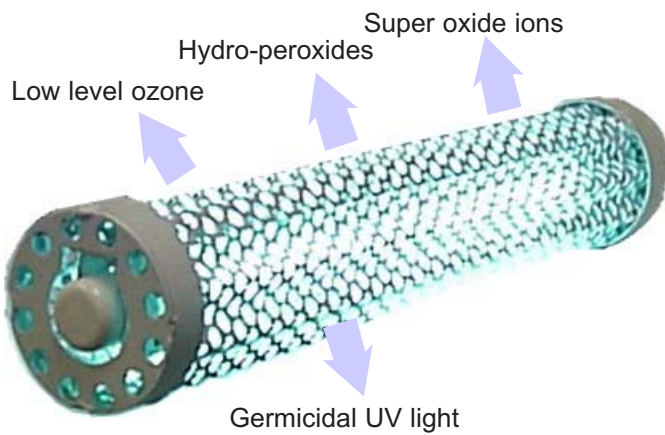
Photohydroionization™ Cell Module

An advanced oxidation reaction occurs when light energy from the **ultraviolet (UV) cell** reacts with oxygen, ozone, a small amount of moisture in the air, and a hydrated **quad-metallic catalyst**. This reaction creates cleansing ions, such as hydroperoxides and super oxide ions, which are exhausted from the system into the surrounding air. The treatment of your air includes:

- suppression of bacterial growth (bacteriostatic)
- suppression of mold growth (mycostatic)
- reduction of odors
- reduction of chemicals (VOCs)



PHI Cell



In addition to the PHI Effect the Rapid Recovery Units also utilize Odor Absorbing Media Filter. Filtration is not the core method utilized to reduce or eliminate odors. It is the advanced oxidizers, created by the PHI cells that actively treat the air external to the unit. The media filter cartridge enhances the speed and efficacy of the system by reducing gross particulate (e.g., smoke).

SPECIFICATIONS

Fan Volume at Discharge	88 CFM
Weight	12 lbs.
Dimensions	26"L x 13"W x 15"H
Target	Hydrated Tri-metallic
Approximate UV Chamber life	5,000 Hrs
Voltage	110 volt
Total Electrical	1.25 amp
UV Chamber Electrical	.75 amp
Fan Electrical	.65 amp
Material/Finish	Stainless steel
Controls	On/Off Light 12 Hour Timer Hour Meter
Ultraviolet Chamber	Electrically Excited Krypton Gas
Replacement PHI Cell Part#	(2) PHIC-9A

Large Industrial Systems Available



RGF Environmental Group, Inc.