Ideal for duct cleaning, 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

IN ADDITION TO DUCT CLEANING, THE LIGHTWEIGHT UNIT IS IDEAL FOR:

- Hotels/Motels/Resorts
- Fitness Facilities
- Offices
- Airplanes/Automobiles
- Restaurants
- Schools & Universities
- Apartments/Condos
- Buses
- Yachts & Boats
Photohydroionization® Cell Module

An advanced oxidation reaction occurs when light energy from the ultraviolet (UV) cell reacts with 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 Rapid Recovery Unit® can easily be placed into your return vent, and used to reduce mold, microbes, and gases. Once the unit is activated it will quickly and efficiently clean your duct work, in as little as 30 minutes for an average size home. The treatment of your ducts include:

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

In addition to the PHI Effect the Rapid Recovery Unit® also utilizes 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).

FAQs

Q: How does the Rapid Recovery Unit® actually work?
A: RGF has developed a proprietary technology known as Photohydroionization® or PHI technology. This technology creates an advanced oxidation reaction that eliminates odors, mold, viruses, bacteria and other pathogens without causing any harm to the occupants or the environment. This process features a broad spectrum UV light and a quad metallic target that combine to generate nature’s friendly oxidizers: Hydroxides, Hydro-peroxides and Super oxide ions. These are all called friendly oxidizers as they return to oxygen and hydrogen after making contact and destroying pathogens. They do not create chemicals that remain in the air, nor are they harmful to humans.

Q: Is the Rapid Recovery unit® safe, does it use any chemicals?
A: The RRU is both safe to people, pets and the environment. Photohydroionization® process has been approved by the USDA-FDA-FSIS for food processing. This process produces no residual chemicals, just friendly oxidizers.

Q: If I am using the Rapid Recovery Unit® for duct cleaning, can I clean the duct work and run the RRU simultaneously?
A: Yes, The Rapid Recovery Unit® is safe to use while you are cleaning the duct work.

Q: Can the Rapid Recovery Unit® help me sell other RGF® products?
A: Yes, if you clean a customer’s duct work and the customer likes how clean and fresh the air is inside the conditioned space, you can suggest one of our Guardian Air Products to be installed in there air handler, so that the customer can have that fresh smell everyday.

Q: What applications can the Rapid Recovery Unit® be used for?
A: Duct Work Cleaning - Hotel Rooms - Car or Truck Cleaning - Room Recovery and Remediation

Q: Does the Rapid Recovery Unit® produce a smell in the air?
A: As a matter of fact it does, it has the smell of pure air. Another way of saying this, when you take all of the contaminants out of the air, what’s left is clean pure air.

Specifications

<table>
<thead>
<tr>
<th>Fan Volume at Discharge</th>
<th>88 CFM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>12 lbs</td>
</tr>
<tr>
<td>Dimensions</td>
<td>26”L x 13”W x 15”H</td>
</tr>
<tr>
<td>Target</td>
<td>Hydrated Tri-metallic</td>
</tr>
<tr>
<td>Approximate UV Chamber life</td>
<td>10,000 Hrs</td>
</tr>
<tr>
<td>Voltage</td>
<td>110 volt</td>
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<tr>
<td>Total Electrical</td>
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<tr>
<td>UV Chamber Electrical</td>
<td>.75 amp</td>
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<tr>
<td>Fan Electrical</td>
<td>.65 amp</td>
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<tr>
<td>Material/Finish</td>
<td>Stainless steel</td>
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<tr>
<td>Controls</td>
<td>On/Off Light 12 Hour Timer</td>
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<tr>
<td>Ultraviolet Chamber</td>
<td>Electrically Excited Krypton Gas</td>
</tr>
<tr>
<td>Replacement PHI Cell Part#</td>
<td>(2) PHIC-9A</td>
</tr>
</tbody>
</table>

Large Industrial Systems Available

RGF Environmental Group, Inc.
1101 West 13th Street (Port of Palm Beach Enterprise Zone)
Riviera Beach, Florida 33404
800 842-7771 561 848-1826 fax 561 848-9454 www.rgf.com