Rapid Recovery Unit™

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
**Photohydroionzation™ 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**

- Hydro-peroxides
- Super oxide ions
- Low level ozone
- Germicidal UV light

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**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Fan Volume at Discharge</td>
<td>88 CFM</td>
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<tr>
<td>Weight</td>
<td>12 lbs.</td>
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<tr>
<td>Dimensions</td>
<td>26&quot; L x 13&quot; W x 15&quot; H</td>
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<tr>
<td>Target</td>
<td>Hydrated Tri-metallic</td>
</tr>
<tr>
<td>Approximate UV Chamber life</td>
<td>5,000 Hrs</td>
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<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>
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<td>Controls</td>
<td>On/Off Light 12 Hour Timer</td>
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<tr>
<td></td>
<td>Hour Meter</td>
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<tr>
<td>Ultraviolet Chamber</td>
<td>Electrically Excited Krypton Gas</td>
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<tr>
<td>Replacement PHI Cell Part#</td>
<td>(2) PHIC-9A</td>
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</tbody>
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Large Industrial Systems Available

Distributed By:

RGF Environmental Group, Inc.