Commercial Air Purification and Odor Destruction System
A Photohydroionization® (PHI) Technology

Model 1000
Ideal for building managers, fire / flood restoration, hotel rooms, and apartments. Can be used to effectively treat most problem odor areas.

Model 7000

THE RGF TURBOZONE® LINE OF LOW COST ADVANCED OXIDATION/OZONE GENERATORS IS DESIGNED TO DESTROY, NOT COVER UP, THE FOLLOWING:

- Chemical Fumes
- Cleaning Chemical Odors
- Cooking Odors
- Decaying Organic Matter
- Fire & Smoke
- Garbage
- Hydrocarbons
- Mold & Mildew
- Paint
- Pet Odors
- Sewer Odors
- Volatile Organic Compounds

RGF’S PORTABLE, LIGHTWEIGHT MODELS ARE IDEAL FOR:

- Agriculture
- Airplanes
- Apartments/Condos
- Automobiles
- Buses
- Carpet Cleaning
- Dry Cleaners
- Dumpsters
- Fire & Flood Restoration
- Fitness Facilities
- Food Services
- Hotels/Motels/Resorts
- Janitorial Services
- Municipal Facilities
- Office Buildings
- Restaurants
- Schools & Universities
- Yachts & Boats
**TURBOZONE® OUTSTANDING FEATURES**

- RGF has been an international Leader in Innovative Environmental Systems since 1985
- Turbozone® is EPA registered No. 67400-FL-001
- All units are maintenance free.
- Turbozone® has a full 2 year parts and labor warranty. 1 year on cell.
- RGF will perform a free unit safety inspection.
- Leaves no chemical residue
- RGF offers a full ozone training manual.
- For high level non-occupied treatment.
- Helps control air pollution and sick building syndrome.

**Turbozone**® utilizes RGF proprietary Photohydroionization® process which targets high intensity uv light on a hydrated quad-metallic target in an ozone atmosphere which creates hydro-peroxides, ozonide ions hydroxides and super oxide ions.

- Fully automatic, easy to use, versatile and portable.
- Operates unattended with built in timing device.
- Low power consumption, plugs into a 110V standard outlet.
- No costly and complicated chemicals or additives.
- All brushed stainless steel

**Formula for Calculating Air Treatment Times**

Calculate Area to be treated -
Square Ft. x Height of Room = Cubic Ft.
Cubic Ft. divided by Cubic Feet per Minute (CFM rating of unit)
Minutes divided by 60 = Hours to turn air in room over 1 time*  

The amount of time necessary to treat an area with advanced oxidation and ozone depends upon the temperature, humidity level and the amount of reactive substances (odors).

**Example For Model 1000**
10’L x 12’ W x 8’ H room =960 cu Ft  
960 cu ft divided by 45 cfm = 21 min to turn room air over 1 time

*RGF suggests 3 turnovers of room volume for complete treatment

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>MODEL 1000</th>
<th>MODEL 7000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan Volume at Discharge</td>
<td>45 CFM</td>
<td>65 CFM</td>
</tr>
<tr>
<td>Ozone Concentration at Discharge</td>
<td>13.5 PPM *</td>
<td>45 PPM *</td>
</tr>
<tr>
<td>Ozone Output</td>
<td>1650 MG/HR</td>
<td>10,880 MG/HR</td>
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<tr>
<td>Weight</td>
<td>12 lbs.</td>
<td>36 lbs.</td>
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<tr>
<td>Dimensions</td>
<td>26’L x 13’W x 15’H</td>
<td>43’L x 13’W x 15’H</td>
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<tr>
<td>Target</td>
<td>Hydrated Tr-metalic</td>
<td>Hydrated Tr-metalic</td>
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<tr>
<td>Approximate UV Chamber life</td>
<td>10,000 Hrs</td>
<td>10,000 Hrs</td>
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<tr>
<td>Voltage</td>
<td>110 volt</td>
<td>110 volt</td>
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<tr>
<td>Total Electrical</td>
<td>1.25 amp</td>
<td>2 amp</td>
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<tr>
<td>UV Chamber Electrical</td>
<td>.75 amp</td>
<td>1 amp</td>
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<tr>
<td>Fan Electrical</td>
<td>.5 amp</td>
<td>1 amp</td>
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<tr>
<td>Material/Finish</td>
<td>Stainless steel</td>
<td>Stainless steel</td>
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<tr>
<td>Controls</td>
<td>On/Off Light 12 Hour Timer</td>
<td>On/Off Light 12 Hour Timer</td>
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<tr>
<td>Ultraviolet Chamber</td>
<td>Electrically Excited Krypton Gas</td>
<td>Electrically Excited Krypton Gas</td>
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<tr>
<td>Replacement PHI Cell Part#</td>
<td>(2) PHIC-14HOA</td>
<td>(4) PHIC-36HOA</td>
</tr>
</tbody>
</table>

*Ozone output tested at 80 degrees F and 40% relative humidity

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.rgfairpurification.com