RGF has been an International leader in innovative environmental systems since 1985

- Fully automatic, easy to use and install
- No costly and complicated chemicals
- Leaves no residue / operates unattended
- The IMSB uses Photohydroionization®, nature’s environmentally friendly natural sanitizer
- Low power consumption, 110 or 220 volt
- Very low maintenance
- Two year continuous operation average Photohydroionization® cell life
- Advanced Oxidation gases actually destroys odor molecules, it is not a cover-up
- Photohydroionization® destroys bacteria, viruses, mold, VOCs and odors
- No tools required cell replacement

THE RGF IMSB PHOTOHYDROIONIZATION® MODULE WILL DESTROY, NOT JUST COVER-UP, THE FOLLOWING AIRBORNE SUBSTANCES:

- DECOMPOSING ORGANICS
- MOLD & MILDEW
- BACTERIA
- ALGAE
- CHEMICAL FUMES
- FUNGUS
- YEAST
- POLLEN
- HYDROCARBONS
- KETONES
- SPORES
- VOC’s

THE RGF IMSB SYSTEM OF LOW COST ADVANCED OXIDATION PRODUCTION IS DESIGNED TO PROVIDE COMMERCIAL AIRBORNE BACTERIA AND ODOR DESTRUCTION
Lab Results

Before and after bacteria samples application of IMSB unit to commercial ice makers

* Independent Lab data available

Outstanding Features

- No Costly Chemicals
- All stainless steel
- Automatic Unattended Operation
- Safety Service Cut Off Switch
- Destroys Odors- Is Not a Cover Up
- Low Maintenance - Monthly filter cleaning,
- Reduces airborne bacteria
- Reduces liability
- Eliminates odors
- Economical to Use

Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>IMSB</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOLTAGE</td>
<td>110V 60 HZ 1 AMPS</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>10 LBS.</td>
</tr>
<tr>
<td>MATERIAL</td>
<td>STAINLESS STEEL</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>18” x 4” x 4”</td>
</tr>
<tr>
<td>FINISH</td>
<td>BRUSHED STAINLESS STEEL</td>
</tr>
<tr>
<td>CONTROLS</td>
<td>INDICATOR LIGHT / ON OFF SWITCH</td>
</tr>
<tr>
<td>FAN VOLUME</td>
<td>45 CFM</td>
</tr>
<tr>
<td>ADVANCED OXIDATION</td>
<td>1 PHOTOHYDROIONIZATION® CELL</td>
</tr>
<tr>
<td>PHI CELL LIFE</td>
<td>APPROX. 25,000 HOURS</td>
</tr>
<tr>
<td>OXIDATION GASES</td>
<td>HYDRO PEROXIDES, SUPER OXIDE IONS, HYDROXYL RADICALS, HYDROXIDES</td>
</tr>
</tbody>
</table>

The Benefits

The Advanced Oxidation gas created by the RGF Photohydroionization® Cell are safe environmentally friendly oxidizers that revert back to oxygen and hydrogen. The RGF - IMSB utilizes the PHI Cell to create hydroperoxides, super oxide ions, and hydroxides. The oxidizers produced are at a safe low concentration, produced by a targeted high intensity UV light technology. The additional oxidizers provides a broader range of applications and redundant oxidation gases.
The Physics of RGF’s Proprietary Photohydroionzation®
A high intensity UV light targeted on a hydrated Quad-Metallic target creates safe low level Hydroperoxides, Super Oxide Ions, Hydroxyl Radicals, and Hydroxides. All are very aggressive friendly gaseous oxidizers. By friendly we mean oxidizers that revert back to oxygen and hydrogen after they oxidize the organics, bacteria, odor or gases.

APPLICATIONS
Ice machine odor and bacteria control
About RGF

Innovation
Since 1985 RGF has maintained a steady flow of award winning innovative purification products. RGF has been awarded national recognition as a recipient of the Inc./MCI Customer Service Award.

Design
Our R&D technical staff consists of the following specialists: Advanced oxidation, biological, mechanical, chemical, water treatment engineering, electrical, nuclear, fabrication, design, and environmental law. Our 3D printers give us rapid design ability.

Patented Technology
RGF has been a leader in patented Environmental sanitation / purification technology and products for air, food and water.

Lab
RGF maintains four fully equipped labs. R&D - Mechanical, Electrical (UL approved), R&D Food and a wet lab.

Manufacturing
RGF is a fully vertical manufacturer. Our 100,000 square foot facility has electrical/mechanical assembly, injection molding, assembly line, custom engineering, welding, painting, mold making, machining and marine fabrication.

RGF manufactures over 500 environmental products

Validation
RGF first developed its Advanced Oxidation Technology over 20 years ago. Over 1 million RGF Cells are in use around the world. RGF has licensed its technology to many Fortune 500 companies for use in the medical, food, military, residential, commercial, marine, hospitality and government, etc.

R & D
RGF maintains a Research and Development staff that is involved in EPA / USDA / FDA / EPRI and University Environmental Studies. Our staff continuously develops system improvements and new products. RGF personnel have been published in over 70 national journals and textbooks.

Custom Applications & Components
RGF’s award winning engineering team custom designs systems for air, food, water and marine purification technology and products.

Advanced Oxidation
RGF has been a leader in Advanced Oxidation technology since 1985. We developed an advanced catalytic oxidation system for total organic oxidation. Our Photohydroionization process has been approved by the USDA / FDA / FSIS for food processing and air purification systems.

Envision
The “World’s First Environmentally Friendly Mega Yacht” serves as a working showroom for RGF’s Advanced Oxidation products. Envision uses and displays over 50 RGF products.

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ENVIROMENTAL 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