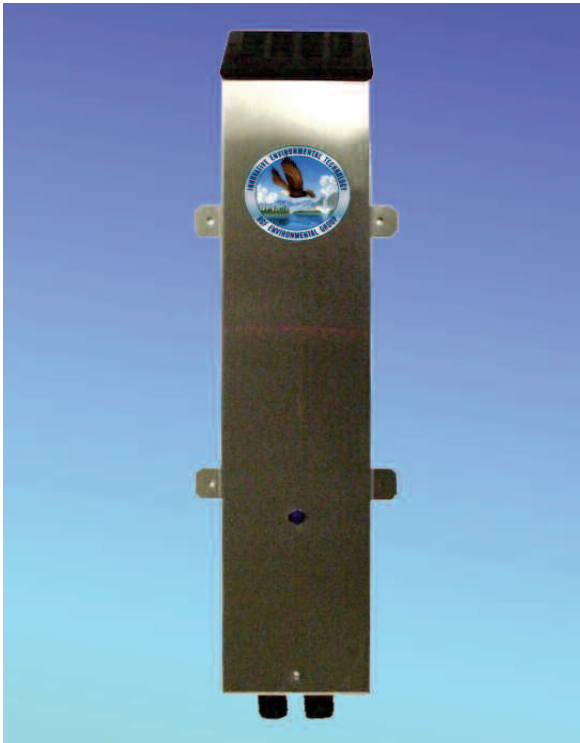


Advanced Oxidation Process for Ice Machine Bacteria, Virus & Odor Abatement System



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

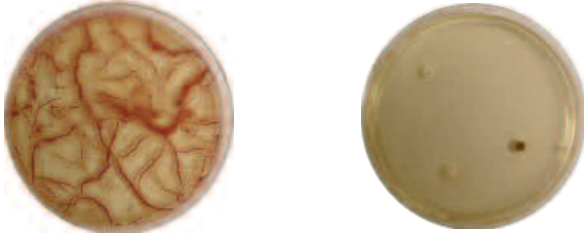
THE RGF IMSB PHOTOHYDROIONIZATION[®] MODULE WILL DESTROY, NOT JUST COVER-UP, THE FOLLOWING AIRBORNE SUBSTANCES:

- 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

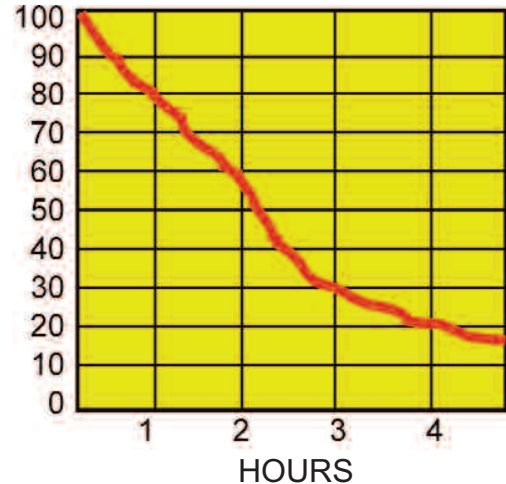
Lab Results



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

* Independent Lab data available

Odor reduction



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

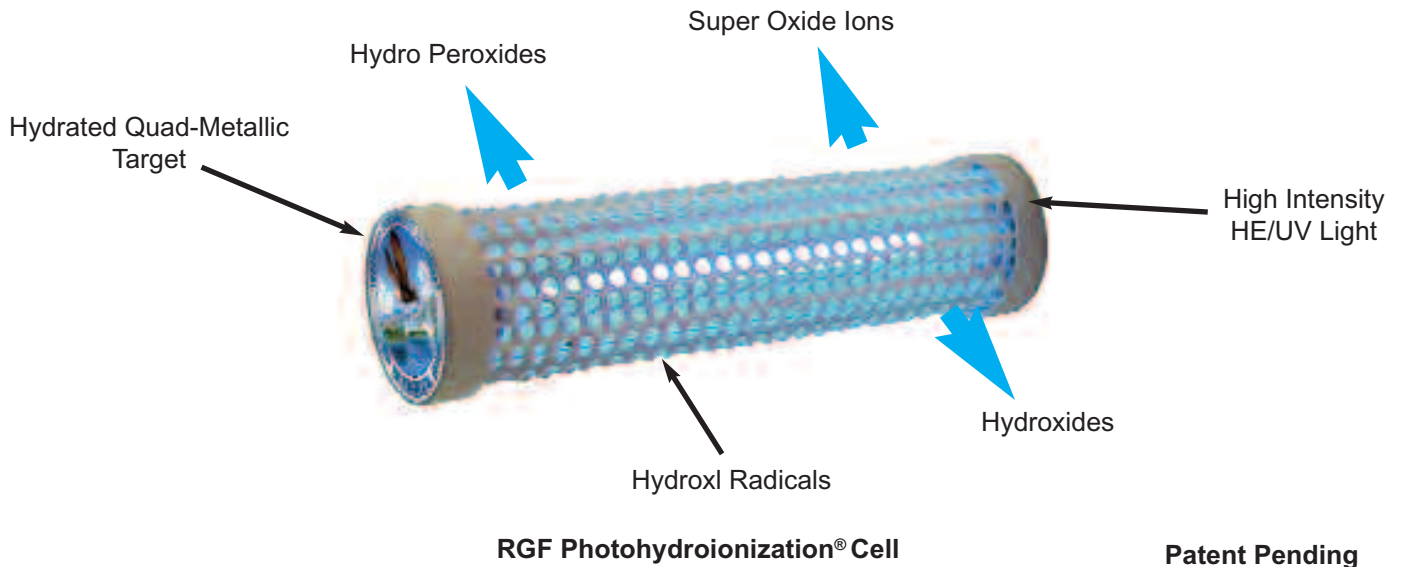
MODEL	IMSB
VOLTAGE	110V 60 HZ 1 AMPS
WEIGHT	10 LBS.
MATERIAL	STAINLESS STEEL
DIMENSIONS	18" x 4" x 4"
FINISH	BRUSHED STAINLESS STEEL
CONTROLS	INDICATOR LIGHT / ON OFF SWITCH
FAN VOLUME	45 CFM
ADVANCED OXIDATION	1 PHOTOHYDROIONIZATION® CELL
PHI CELL LIFE	APPROX. 25,000 HOURS
OXIDATION GASES	HYDRO PEROXIDES,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

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 Photohydroionization®

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

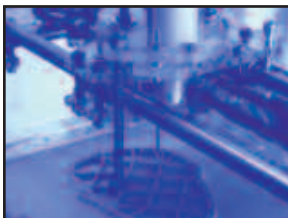
About RGF



Customer Service Award.

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



design, and environmental law. Our 3D printers give us rapid design ability.

Design

Our R&D technical staff consists of the following specialists: Advanced oxidation, biological, mechanical, chemical, water treatment engineering, electrical, nuclear, fabrication,

Patented Technology

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



Lab

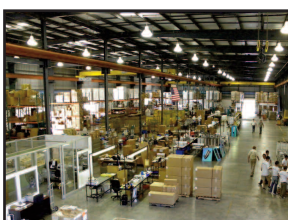
RGF maintains four fully equipped labs. R&D - Mechanical, Electrical (UL approved), R&D Food and a wet lab.



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.



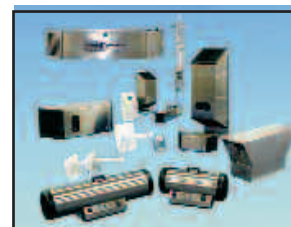
Custom Applications & Components

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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