

### *Ozone Contacting System*

**Specifications:**

- Smart Relay Control 30 gr/hour O<sub>3</sub>
- PID from remote PLC/Analyzer
- 0 to 10 volt or 0 to 20 mA input
- Dimensions: 25" x 25" x 72"
- Weight: 500 lbs
- 30 GPM Booster Pump
- Mazzei Mass Transfer Injector 6 LPM
- Flash Reactor-Degas Separator
- Stainless Steel Powder Coated Frame
- NEMA4X Enclosure
- 120V, Single Phase

**Applications:**

- Bottled Water Lines
- Cooling Towers
- CIP Systems
- Vegetable Washing
- RO Water Systems

**Features:**

- UL Classified Generator
- Continuous O<sub>2</sub> Monitoring
- Air Cooled Plasma Block 30 gr/hr Ozone
- 8 LPM PSA Oxygen Feed Gas
- Auto Shutdown Loss of Vacuum
- Remote/Local Control
- Food Grade 316L Piping
- Run/Fault/Power Lights



## 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.



**RGF**<sup>®</sup>  
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