

# **ENVIRONMENTAL**

# Ozone Contacting System

## **Specifications:**

- Smart Relay Control 30 gr/hour O3
- 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 O2 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



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 equiped labs. R&D - Mechanical, Electrical (UL approved), R&D Food and a wet lab.

## Manufacturing



RGF is a fully vertical manufaturer. 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.

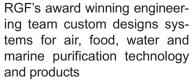
### **R & D**

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





#### **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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