



Integrated Ozone Contacting System

Stainless Steel Skid Mounted Air Cooled Model IOCS-30-SS 30 gpm sanitary ozone system operating at 23k hertz and 3200 volts to provide up to 30g/ozone/hour with full PMD (Pulse Density Modulating) control for ozone production turndown from 100% to 1% output with PID control from onboard Rosemount Dissolve Ozone Monitor Control.

Design Features:

- High Frequency Operation, 23K hertz, Silent Ozone Generator Operation
- Air Cooled - No Chiller Required
- Rosemount Analyzer/Controller
- 0 to 10 volt or 0 to 20 mA remote signal adjustment from sensor for PID control
- 100 to 1 Turndown Linear Control
- All stainless steel fittings and tubing with tri-clamp connections
- Soft Start circuit – minimize current inrush at power up
- O₂ Pressure Switch – Shut generator down if cell pressure drops below 4-5 psi
- Remote On/Off through dry contacts
- Low Flow Vacuum Switch Auto Shutdown for loss of system vacuum
- Oxygen Pressure Monitor for Auto Shutdown
- Oxygen Concentration Monitor for Auto Shutdown
- NEMA4X Stainless Wash Down Enclosure
- Lockable Disconnect Switch on front panel
- 120/240 VAC, Single phase, 60 Hz
- Circuit Breakers used throughout design. NO FUSES
- Power On Light, Ozone On light, Fault Light

Oxygen Feed Gas System Included

O₂ flow 8 LPM

Ozone Contact Skid Included

Injector Pump, Ozone Injector, Flash Reactor, Degas Separator, Sanitary Piping/Fittings

Electrical Power Requirement:

120 volt, single phase, 20 amp dedicated service. Total power ~ 500 watts



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About RGF



Customer Service Award.

Innovation

Since 1985 RGF has maintained a steady flow of award winning innovative pollution solutions. RGF has been awarded national recognition as a recipient of the Inc./MCI

Benefits

By utilizing the latest state of the art sanitation technology, RGF provides a media recognition event for positive press. By taking a proactive approach you may be eligible for insurance rate reductions and you will be adding value by providing a safer product.



and environmental law. Our AutoCAD service provides fast, accurate designs.

Design

Our technical staff consists of the following specialists: biological, mechanical, chemical, waste treatment, construction engineering, nuclear, fabrication, design, and environmental law. Our AutoCAD service provides fast, accurate designs.

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.



Patented Technology

RGF has been a leader in patented Environmental Technology.

Custom Applications & Components

RGF's award winning engineering team custom designs systems for wastewater recycling, ozone, pesticides, marine, and laundry treatment.



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.

Lab

RGF maintains a state-of-the-art analytical lab, which will provide free water testing for as long as you own your RGF system to assure continued performance. This assures our customers that, should your waste stream change, you will be able to make the appropriate modifications to meet your needs.



RGF manufactures over 500 environmental products

Envision

The "World's First Environmentally Friendly Mega Yacht" serves as a working showroom for RGF's Advanced Oxidation products.



RGF[®]
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