

# SGA64 OZONE / OXYGEN SYSTEM

The Large SGA Series generators are the most powerful air-cooled ozone/oxygen systems in the world, producing from 4.3 to 15.8 lbs./day of high concentration ozone. The SGA64 incorporates modular ozone chassis redundancy for unsurpassed reliability, high concentration ozone reactor cells, and an onboard oxygen concentrator system; all housed in attractive, compact floor-mount stainless steel enclosure.

The intuitive control panel design includes 0-100% variable power control, feed gas control, inlet air pressure and reactor back-pressure gauges, power supply feed back reference meter, and LED ozone production indicator. The control interface includes 0-10VDC or 4-20mA input signal for 0-100% variable ozone concentration control, as well as analog and fault indicator outputs.

A highly efficient, reliable ceramic/titanium reactor cell uses our exclusive Floating Plate Technology™ and is powered by an advanced, high-frequency pulse modulated variable control power supply. Responsive, accurate ozone output control is assured by instantaneous amplitude modulation and the proven stability of our Floating Plate Technology™ reactor cell design.

The SGA64 Ozone Generator is engineered to meet all of the ozone process requirements found in the most demanding applications; yet it is easy to install, simple to operate, and will provide years of trouble-free operation.



## THE SGA64

### FEATURES

- Stainless Steel Floor Mount Enclosure
- Air-Cooled Ceramic and Titanium Reactor Cell
- Onboard Oxygen Concentrator
- 5-Micron Filter/Regulator with Auto Drain
- Over Temperature Control
- Feed Gas Flow Switch
- Redundant Ozone Chassis Design

### CONTROLS

- Variable Output Control 0-100%
- Power Feed Back Reference Meter 0-10VDC
- Reactor Pressure Gauge 0-15 psi
- Air Input Pressure Gauge 0-60 psi
- Feed Gas Flow Control 0-200scfh
- LED Visual Ozone and Fault Indicators
- On/Off Lighted Circuit Breaker
- Analog Power Supply Output
- 0-10VDC or 4-20mA External Control

# SGA64 OZONE / OXYGEN SYSTEM

Product Description Integrated Ozone/Oxygen Generation System

Part Number R-SGA642 230V model

## SPECIFICATIONS

Ozone Production 240 g/hr - 12.8 lbs./day

Oxygen Feed Gas Flow 160 scfh

Ozone Concentration 3% - 8% %/wt

Maximum Reactor Pressure 15 psi

Compressed Air Requirement 48 scfm

Compressed Air Pressure 40 psi

Feed Gas Flow Range 0-160 scfh

Variable Control 0-100%

External Control 0-10VDC or 4-20mA

External Output Signal 0-10VDC

Power Consumption 2160 watts

Power Supply Fuse 8 ampere

On/Off Breaker 40 ampere

Air Cooling 960 scfm

Compressed Air Inlet Fitting 1/2" fnpt

Ozone Outlet Fitting 1/2" tube

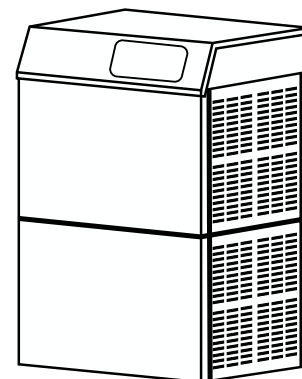
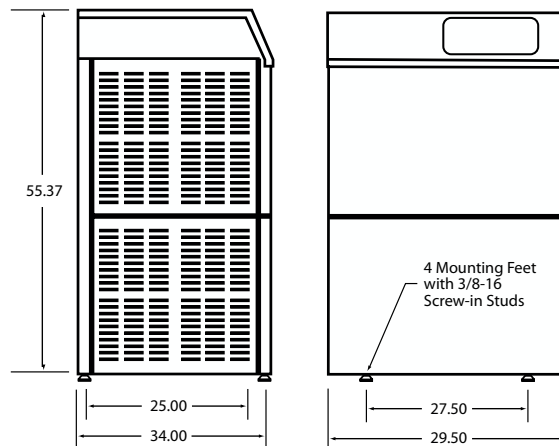
Power Requirement 230V 50/60Hz 1 phase

Height 55 inches

Width 34 inches

Depth 28 inches

Weight 460 lbs.



## THE SGA64

### OPTIONS

Rotary Screw Compressor Kit 48 scfm @ 40 psi

Coalescing Filter

Replacement Filter Elements

An optional rotary screw compressor kit, with refrigerated air dryer and coalescing filters, is available to provide the compressed air requirement. If plant air or other source is used, the optional coalescing filters are required. See SGA air requirements for important compressed air quality requirements.



EQUIPOS ESPECIALIZADOS DEL ATLANTICO SA de CV

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