

SGA63 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 SGA63 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 SGA63 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 SGA63

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

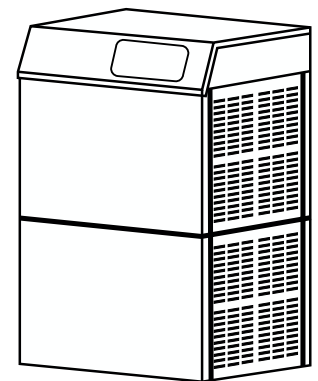
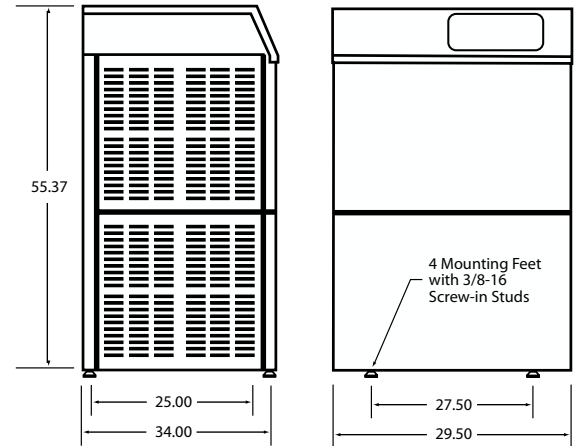
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Product Description Integrated Ozone/Oxygen Generation System

Part Number R-SGA632 230V model

SPECIFICATIONS

Ozone Production	180 g/hr - 9.6 lbs./day
Oxygen Feed Gas Flow	120 scfh
Ozone Concentration	3% - 8% %/wt
Maximum Reactor Pressure	15 psi
Compressed Air Requirement	36 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	1800 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	375 lbs.



THE SGA63

OPTIONS

Rotary Screw Compressor Kit 36 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 for 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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