

SGA53 OZONE / OXYGEN SYSTEM

The Large SGA Series Ozone Generators are the most powerful air-cooled ozone/oxygen systems available, producing from 4.3 to 15.8 lbs./day of high concentration ozone. The SGA53 incorporates modular ozone system redundancy, high concentration ozone reactor cells, and an onboard oxygen concentrator system. The unit is housed in an attractive, compact floor-mount stainless steel enclosure.

The intuitive control panel design includes 0-100% variable output 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 SGA53 Ozone Generator is engineered to meet the most demanding ozone application process requirements; yet it is easy to install, simple to operate, and will provide years of trouble-free operation.



THE SGA53

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 Control
- 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

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Product Description Integrated Ozone/Oxygen Generation System

Part Number R-SGA532 230V model

SPECIFICATIONS

Ozone Production 135 g/hr - 7.2 lbs./day

Oxygen Feed Gas Flow 90 scfh

Ozone Concentration 3% - 9% %/wt

Maximum Reactor Pressure 15 psi

Compressed Air Requirement 27 scfm

Compressed Air Pressure 40 psi

Feed Gas Flow Range 0-120 scfh

Variable Control 0-100%

External Control 0-10VDC or 4-20mA

Power Consumption 1350 watts

Power Supply Fuse 8 ampere

On/Off Breaker 40 ampere

Air Cooling 720 scfm

Compressed Air Inlet Fitting 1/2" fnpt

Ozone Outlet Fitting 1/2" tube

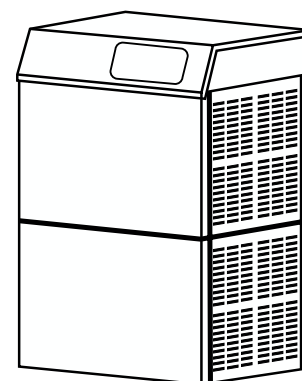
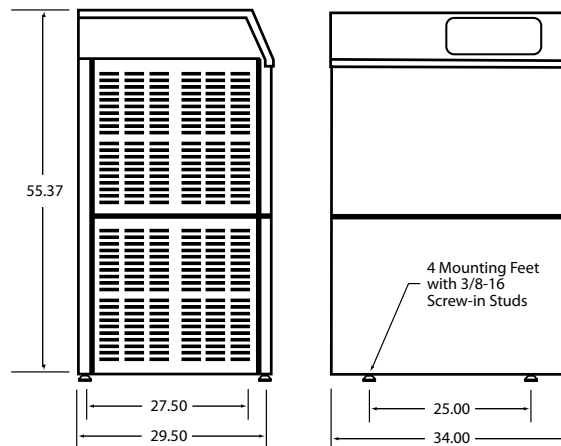
Power Requirement 230V 50/60Hz 1 phase

Height 55 inches

Width 34 inches

Depth 29 inches

Weight 330 lbs.



THE SGA53

OPTIONS

Rotary Screw Compressor Kit 27 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 or other air source is used, the optional coalescing filter is required. See SGA air requirements for important compressed air quality requirements.



EQUIPOS ESPECIALIZADOS DEL ATLANTICO SA de CV

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