SGA23 OZONE / OXYGEN SYSTEM

The SGA23 delivers the power of ozone generators many times its size. Producing more than 2.4 lbs./day, a high concentration, air-cooled ozone generator is combined with an onboard oxygen concentrator in an attractive, compact, wall-mountable stainless steel housing.

The powerful SGA23 is easy to operate with a convenient, intuitive control panel. To easily manage the ozone generating process, it offers: 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 an optional 0-10VDC or 4-20mA input signal for 0-100% variable ozone concentration control.

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 SGA23 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 SGA23

FEATURES
Stainless Steel Wall Mountable 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

CONTROLS
Variable Output Control 0-100%
Power Feed Back Reference Meter 0-5VDC
Reactor Pressure Gauge 0-15 psi
Air Input Pressure Gauge 0-30 psi
Feed Gas Flow Control 0-30scfh
LED Visual Ozone Indicator
On/Off Lighted Circuit Breaker



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Product Description IntegratedOzone/OxygenGeneration System Part Number R-SGA231 115V model R-SGA232 230V model **SPECIFICATIONS Ozone Production** 45 g/hr - 2.4 lbs./day 8 Oxygen Feed Gas Flow 30 scfh **Ozone Concentration** 4%-8% %/wt Max Reactor Pressure 15 psi 22.0 19.2 19.8 Compressed Air Requirement 9 scfm Compressed Air Pressure 20 psi 1.3 Feed Gas Flow Range 0-30 scfh 11.0 Variable Control 0-100 % 0 **Power Consumption** 450 watts Consumption w/ Compressor 2930 watts 0 **Power Supply Fuse** 8 ampere On/Off Breaker 15 ampere 26.0 Air Cooling 240 scfm Compressed Air Inlet Fitting 1/4" fnpt THE SGA23 Ozone Outlet 1/4" tube Oil-less Compressor Kit 9 scfm @ 20 psi **Power Requirement** 115v 60Hz or 230v 50/60Hz 1 phase Coalescing Filter Height 22 inches Replacement Filter Elements An optional oil-less compressor kit is available to provide for the Width 26 inches compressed air requirement. If plant air or other source is used the



EQUIPOS ESPECIALIZADOS DEL ATLANTICO SA de CV

PASEO LOMAS DE ROSALES #307 COL. LOMAS DE ROSALES C.P. 89100 TAMPICO, TAM. MÉXICO

Depth

Weight

11 inches

110 lbs

optional coalescing filter is required. See SGA air requirements for

important compressed air quality requirements.