LARGE SGA SERIES OZONE/OXYGEN SYSTEMS

High Ozone Output

The Large SGA Series of integrated ozone/oxygen systems combines air-cooled ozone generation with onboard oxygen concentration in a compact, stainless steel housing.

Powerful and user-friendly, the Large SGA Series can produce up to 12.7 pounds of ozone/day and is ideal for a broad range of commercial and industrial applications.

User Friendly

The Large SGA Series is easy to operate with a convenient, intuitive control panel, including 0-100% variable power control, feed gas control, inlet air pressure and reactor back-pressure gauges; power supply control signal reference meter; and LED ozone production indicators. The control interface includes 4-20mA or 0-10VDC input signal for 0-100% variable ozone concentration control.

Model: Large SGA53/63/64

Features
- Stainless Steel Floor Mount Enclosure
- Air-Cooled Ceramic and Titanium Reactor Cell
- Onboard Oxygen Concentrator
- 0.01 Micron Filter/Regulator with Auto Drain
- Over-Temperature Protection

Controls
- 4-20mA or 0-10VDC Input
- Variable Output Control
- Feed Gas Flow Control
- Remote On/Off Control
- Power Supply Control Signal Reference Meter
- Reactor Pressure Control
- Reactor Pressure Gauge
- Air Input Pressure Gauge
- Remote Lockout

Complete Integrated Solutions. Single Trusted Source.
Robust and Reliable

The heart of Pacific Ozone systems is our patented Floating Plate Technology™ in the ozone reaction cells. The exclusive FPT design produces highly reliable and efficient ozone generation in affordable, air-cooled systems. Floating Plate Technology allows challenging ozone applications and products to be approached with confidence and ease.

The Large SGA Series is designed to operate with high-quality plant air provided from the facility. Stand-alone air compressor packages are also available from Pacific Ozone if plant air is unavailable or insufficient.

SGA Series Family

The Large SGA Series is part of a family of integrated ozone oxygen systems that include the standard SGA Series with ozone production capability to 3.2 lbs./day. All SGA Series systems are engineered to meet all of the ozone process requirements found in the most demanding applications; yet, they are easy to install, simple to operate, and will provide years of trouble-free operation.
## Technical Specifications

**Model/Part Number** | Max. Ozone Production | Max. Ozone Concentration | Max. Reactor Pressure | Feed Gas Flow Range | Power Consumption | Air Cooling | Compressed Air Inlet Fitting | Ozone Outlet Fitting* | Dimensions (HxWxD) | Weight (lbs/kg)
---|---|---|---|---|---|---|---|---|---|---
SGA43/R-SGA432 (230V) | 4.8 (90) | 8% | 12 (0.8) | 10-80 (5-38) | 1100 | 480 (13592) | 1/2" fnpt (12.7 mm) | 1/2" (12.7 mm) | 30.5x35.1x29.4 (774x892x746) | 220 (100)
SGA44/R-SGA442 (230V) | 6.3 (120) | 8% | 12 (0.8) | 10-80 (5-38) | 1200 | 480 (13592) | 1/2" fnpt (12.7 mm) | 1/2" (12.7 mm) | 30.5x35.1x29.4 (774x892x746) | 230 (110)
SGA53/R-SGA532 (230V) | 7.1 (135) | 8% | 12 (0.8) | 20-120 (9-57) | 2190 | 720 (20388) | 1/2" fnpt (12.7 mm) | 1/2" (12.7 mm) | 53.7x35.1x29.4 (1364x892x746) | 330 (150)
SGA63/R-SGA632 (230V) | 9.5 (180) | 8% | 12 (0.8) | 20-160 (9-76) | 2920 | 960 (27184) | 1/2" fnpt (12.7 mm) | 1/2" (12.7 mm) | 53.7x35.1x29.4 (1364x892x746) | 375 (175)
SGA64/R-SGA642 (230V) | 12.7 (240) | 8% | 12 (0.8) | 20-160 (9-76) | 3320 | 960 (27184) | 1/2" fnpt (12.7 mm) | 1/2" (12.7 mm) | 53.7x35.1x29.4 (1364x892x746) | 460 (209)

* Compression fitting.
## Large SGA Series Ozone/Oxygen Systems

### Operational Requirements

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<thead>
<tr>
<th>Model/Part Number</th>
<th>Compressed Air Flow</th>
<th>Compressed Air Pressure</th>
<th>Electrical Requirement</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>scfm (lpm)</td>
<td>psig (bar)</td>
<td>Volts, Hz</td>
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<tr>
<td>SGA43/R-SGA432 (230V)</td>
<td>24 (680)</td>
<td>40 (2.76)</td>
<td>230V 50/60Hz 1 phase 20A Circuit</td>
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