

SGA SERIES OZONE/OXYGEN GENERATOR SYSTEMS

The SGA Series Ozone/Oxygen Systems are the most powerful and compact ozone systems in their class. Each unit combines a high concentration, air-cooled ozone generator with an onboard oxygen concentrator in an attractive, compact, wall or floor mounted stainless steel housing.

The powerful SGA Series 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.

All SGA Series ozone generators can be controlled by a 0-10vdc signal with the optional Automatic Proportional Control (APC) installed. This option is ideal when automatic and continuous control of ozone output is required for a specific process or application.

A highly efficient, reliable ceramic/titanium reactor cell uses an exclusive Floating Plate Technology™. It 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 proven stability of the Floating Plate Technology™ reactor cell design.

The SGA Series ozone generators are engineered to meet the ozone process requirements found in the most demanding applications, yet with an efficient design that assures minimal maintenance and years of trouble-free operation.



Made in USA

SGA Series

Model	SGA-11	SGA-21	SGA-22	SGA-23	SGA-24	SGA-43	SGA-44	SGA-53	SGA-63	SGA-64
Ozone Production g/hr (lbs/day)	12 (0.6)	18 (1.0)	30 (1.6)	45 (2.4)	60 (3.2)	90 (4.8)	120 (6.4)	135 (7.2)	180 (9.6)	240 (12.8)
Oxygen feed gas flow (scfh)	10	10	20	30	40	60	80	90	120	160
Ozone concentration (% wt)	5%	6%	8%	8%	8%	8%	8%	8%	8%	8%
Max reactor pressure (PSI)	12	12	12	12	12	12	12	12	12	12
Compressed Air Req (scfm)	3	3	6	9	12	18	24	27	36	48
Compressed Air Pressure (PSI)	20	20	30	30	30	40	40	40	40	40
Feed Oxygen Flow (scfh)	0-15	0-15	0-20	0-30	0-40	0-80	0-80	0-90	0-120	0-160
Air Cooling Fan (scfm)	240	240	240	240	240	480	480	720	960	960
Compressed Air Inlet (fnpt)	¼"	¼"	¼"	¼"	¼"	½"	½"	½"	½"	½"
Ozone Outlet (tube)	¼"	¼"	¼"	¼"	¼"	½"	½"	½"	½"	½"
Dimensions (H x W x D)	22 x 18 x 11			22 x 26 x 11		31 x 34 x 29		55 x 34 x 29		
Weight (lbs)	70	75	85	110	115	220	230	330	375	460
Power Requirement (Volt, Hz)	115V, 60Hz or 230V, 50/60Hz					230V, 50/60Hz				

*Specifications subject to change without notice