PACIFIC OZONE™

SGC SERIES OZONE/OXYGEN SYSTEMS

Features

- Stainless Steel Wall Mount Enclosure
- Air-Cooled Ceramic and Titanium Reactor Cell
- Onboard Air Compressor
- Onboard Oxygen Concentrator
- Air-Cooled Ozone Reactor Cell
- Over-Temperature Protection
- Door Safety Switch

Controls

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

Complete Integrated Solutions.
Single Trusted Source.

Self Contained

One-button system control, onboard air compression, and remarkable ozone output (up to 25g/hr, 1.3 lbs/day) make the SGC Series ozone generators the most flexible and easy-to-use ozone production systems of their size. Ideal for a variety of commercial and industrial applications, the SGC Series generators combine air-cooled ozone generation with onboard oxygen concentration and air compression–all housed in a compact, wall-mountable stainless steel cabinet.

Model: SGC11/21/22

User Friendly

The convenient, intuitive control panel of the SGC Series offers 0-100% variable power control, feed gas control and reactor backpressure gauges, power supply feedback reference meter, and LED ozone production indicator. The control interface includes 4-20mA or 0-10VDC input signal for complete ozone concentration control.

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Efficient and Responsive

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.

Flexible Placement

The onboard oil-less air compressor of the SGC Series, provides needed compressed air to the system when plant air is unavailable or insufficient. The compressor feature allows the SGC Series generators to be installed in a wide range of locations and environments – wherever needed.

An SGC22 Ozone Generator System powers a Horizon 060 Integrated Ozone System at a remote spring water collection site.

The Horizon 060 Integrated Ozone System shown above is powered by an SGC22 ozone generator. This unit is installed at a remote spring water collection site that does not have a compressed air source. The system produces 25 grams of ozone per minute at 350 gallons per minute water flow for sanitation processes at the spring site. An article reprint detailing this application is available in the Application Library on the Pacific Ozone web site.

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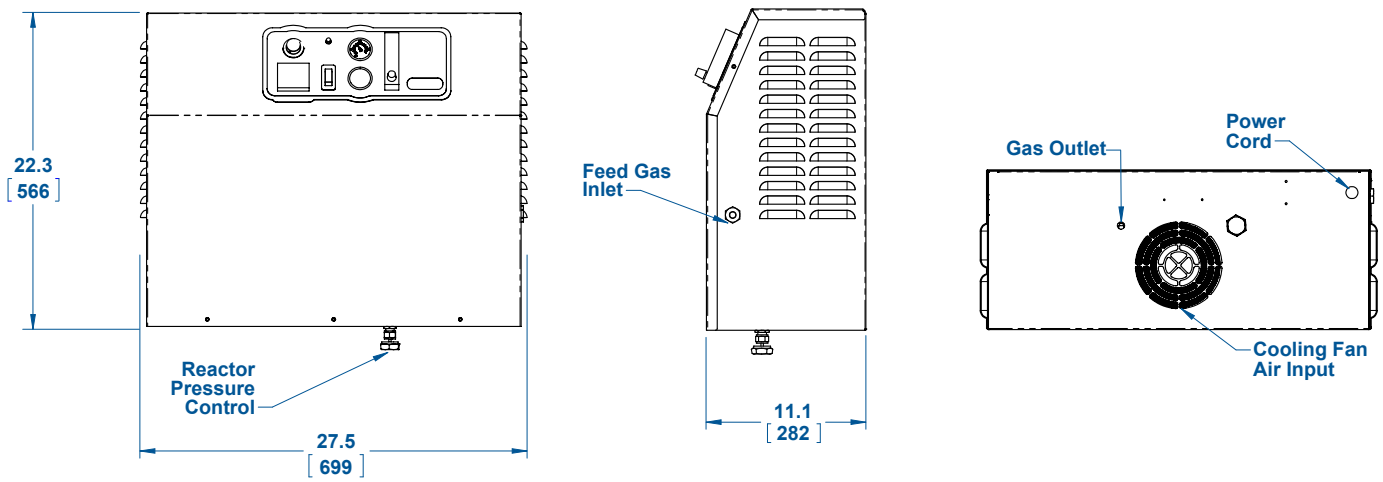
Model: SGC 11/21/22



Dimensions: inches [mm]

Technical Specifications								
Model/ Part Number	Max. Ozone Production	Max. Ozone Concentration	Max. Reactor Pressure	Power Consumption	Air Cooling	Ozone Outlet Fitting*	Dimensions (HxWxD)	Weight
	lbs./day (grams/hour)	% weight	psig (bar)	watts	scfm (lpm)	inches (mm)	inches (mm)	lbs (kg)
SGC11/ R-SGC111 (115V) R-SGC112 (230V)	0.5(10)	5%	12 (0.8)	785	240 (6796)	1/4" (6.35 mm)	22.3x27.5x11.1 (566x699x282)	95 (43)
SGC21/ R-SGC211 (115V) R-SGC212 (230V)	0.8 (16)	6%	12 (0.8)	840	240 (6796)	1/4" (6.35 mm)	22.3x27.5x11.1 (566x699x282)	100 (45)
SGC22/ R-SGC221 (115V) R-SGC222 (230V)	1.3 (25)	6%	12 (0.8)	1000	240 (6796)	1/4" (6.35 mm)	22.3x27.5x11.1 (566x699x282)	105 (48)

*Compression fitting.

Operational Requirements

All SGC Series models have the following operational requirements:

- Electrical Requirement: 115 or 230V 50/60Hz 1 phase 20A circuit

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CS-SGC-004/1108