PACIFIC OZONE™ G SERIES OZONE GENERATOR

COMPACT AND POWERFUL OZONE PRODUCTION

The G Series Ozone Generator is a compact, rugged cost-effective Ozone Generator. G Series can be easily integrated into an existing system or used to build a new system. This air-cooled ozone generator unit is designed to meet the most demanding industrial needs and process requirements. Powerful and compact, the G Series offers a full range of ozone production options in a single package from 18 to 70g/h.

CONFIGURATIONS

The standard design configuration is a robust stainless-steel enclosure with the easy-to-use Digital Classic Panel Interface (DCPI). The lower cost ECO configuration is a Polycarbonate enclosure with the simplified, yet safety-oriented Classic Panel Interface (CPI).

EASY TO INSTALL AND OPERATE

The G series ozone generator is designed for seamless and easy installation in industrial applications. Factory tested and ready to use, the G Series requires only a single point power connection and feed gas to produce high concentration ozone from the air-cooled enclosure. The wall or mountable enclosure allows ultimate flexibility for new installations, or to upgrade and retrofit existing, industrial ozone installations. No cooling water is required, simplifying the process. Power is supplied by standard 240V 50/60Hz line voltage or 120V for select capacities. Standard G Series control features offer everything a process scheme requires for automatic operation and integration with ozone ambient detectors and other process system protection and safety configurations. The seamless operation and integration will provide you assurance in your process.

PRECISION CONTROL

Precise and stable control is assured through our advanced Powertron power supply with high resolution turn-down capabilities via the Pacific Ozone™ system's proprietary Floating Plate Technology ozone reactor cells. Local and Remote set-point accuracy is managed with simple push button settings on the instrument panel or a remote 4-20mA signal. Remote enabled ozone level controls are also available to simplify process integration and automated start-up/shut down sequences making the G Series an ideal ozone generation platform in the most demanding industrial environments. Local instrumentation includes 0-100% variable ozone production control, feed gas flow control, air pressure and back pressure gauges, and ozone production reference meter.

FEATURES

- Corrosion Resistant Stainless Steel or Polycarbonate Enclosures
- Air-Cooled FPT Titanium Reactor Cells
- No Cooling Water is Required
- Precision Linear Ozone Control by Powertron
- Remote 4-20mA Ozone Control
- Full Safety Features, Over-Temp, Flow Loss, Fault Protection
- Visual Ozone Indication

BENEFITS

- Energy Efficient – Low Operating Costs
- Compact Footprint
- Wall-Mountable Package
- Simple Installation and Integration
- Ideal for Upgrading Existing Systems
- Alarm and Control Logic Designed for Safety

MARKETS

- Food & Beverage
- Pharmaceuticals
- Aquaculture

DCPI controller

PEACE OF MIND IN PERFORMANCE

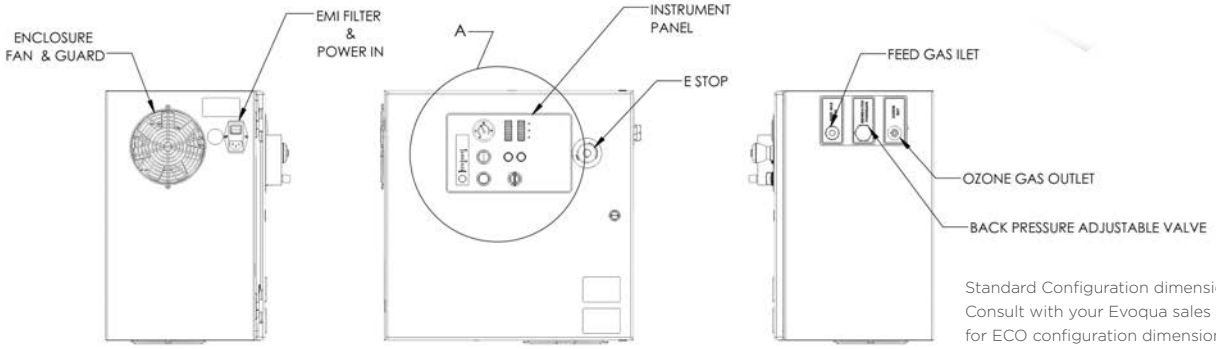
The G Series offers proven and reliable ozone outputs. The performance can easily be verified, when required, delivering qualified and verifiable performance. With the real-time monitoring and the quality design, the units require less maintenance and provide more process uptime to keep your production efficiency high.

The G series generators will provide optimal disinfection with minimal effort, providing a solution for today and tomorrow.

THE POWERTRON DIFFERENCE

Powertron is our latest innovative technology aimed at helping you maximize your operational efficiency. Now integrated into our complete product lineup, this novel power supply design provides a new method to control power for precision O_3 output that uses less energy. With 100% linear turndown capability, this advanced technology provides a stabler and quieter performance with it's enhanced, robust design. The design offers revolutionary and precise control of the power in the cell to produce the corona, so energy does not become wasted heat. The design allows for unique monitoring of electrical parameters to deliver the most efficient energy usage with unsurpassed reliability, improving performance and reducing maintenance needs.

SIMPLE. PROVEN. OZONE TECHNOLOGY.



Standard Configuration dimensions shown. Consult with your Evoqua sales associate for ECO configuration dimensions.

TECHNICAL SPECIFICATIONS*

Ozone Production (g/h)	Nominal Flow (SCFH)	Reactor Cell Operating Pressure (psi)	Amperage (A)	Nominal Reactor Power Consumption (Watts)**
18	10	6-9	1.66	240
36	20	6-9	2.29	380
54	30	6-9	3.12	620
70	40	6-9	3.54	680

*Nominal under standard operating conditions
**Power consumption for black box only