



## PACIFIC OZONE™ GS SERIES OZONE GENERATOR SYSTEMS

### PRECISION OZONE CONTROL FOR POWERFUL DISINFECTION

The Pacific Ozone GS Series Ozone Generator Systems deliver reliable rates from 18-70g/hr with programmable operating modes and built-in



safety features. The system maintains full resolution control with regulated feed gas flow rates for efficient ozone production and performance optimization.

GS generators combine Pacific

Ozone's air-cooled Floating Plate Technology™ with advanced Powertron™ electronics in stainless steel industrial enclosures. Included is an external, fully-integrated air filter package.

The Ozone Generator HMI interface with Smart Ozone (SO3M) software provides automated start, stop and purge for safety and simple process integration. Regulated pneumatics ensure stable gas flow and output.

For added flexibility and safety, operators can use the friendly remote control interface connected through ethernet.



Air Filter Package

### Features

- Stainless-Steel Construction
- Sanitary Design
- Efficient 18-70g/h Ozone Production and Delivery
- Easy-to-use Software and Large Touch Screen
- SO3M Smart Full Resolution Ozone Control
- Precision Ozone Control Powered by Powertron™
- Auto-precision Dissolved Ozone Control
- Ambient Ozone Detector with Safety Interlock
- EtherNet/IP Network Ready

### Benefits

- Low Operating Cost
- Compact Footprint
- Full Control Resolution
- Automated Start, Stop and Purge Sequencing
- Simple Install and Integration
- HMI and Visual Ozone Indication
- Ideal for Upgrading Existing Systems

**SIMPLE. PROVEN.**  
**OZONE TECHNOLOGY.**

## DESIGNED FOR SAFETY AND EASE OF OPERATION

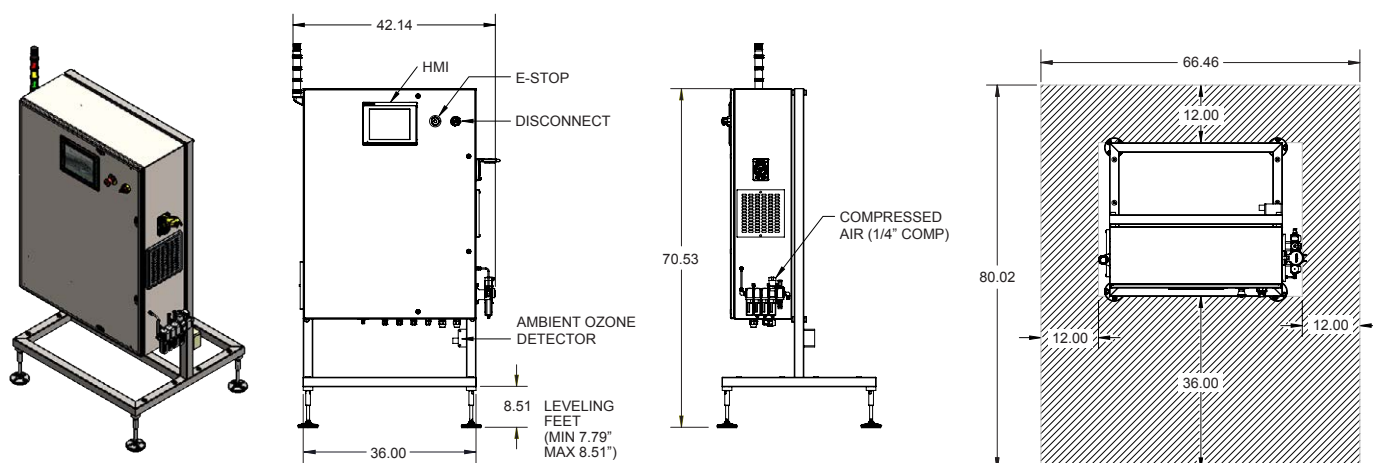
All GS units include fully-integrated Ambient Ozone Detectors (AO3) configured to warn at below PEL standards and alarm and shut down ozone production at below STEL limits. Ambient ozone levels are also shown on trend screens. The automated start, stop and purge sequencing joined with Pacific Ozone's precision ozone turn-down control provide the ultimate simple and safe operation for seamless integration in virtually all industrial plant operations.

Typical system upgrades to the GS Series are easy with minimal downtime and result in quickly increasing production.

Ideal applications to integrate the GS Series where mission critical control and safety are required include:

- Beverage and bottled water production
- Pharmaceutical and personal care manufacturing
- CIP and surface sanitation

## TECHNICAL SPECIFICATIONS



Ozone Generator						
Model	O <sub>3</sub> g/h Production	Air@60Psi Requirement	Power Requirement	KW	Compressed Air (SCFM)	Feed Gas Flow (SCFH)
GS31	18	3cfm	120/240V, 50/60Hz	0.8	3.2	10
GS32	36	6cfm	120/240V, 50/60Hz	1	3.2	20
GS33	54	9cfm	240V, 50/60Hz	1.3	6.4	30
GS34	70	12cfm	240V, 50/60Hz	1.4	6.4	40

### NOTES:

Compressed Air Requirement: Clean, dry and free from contaminants. See Pacific Ozone Air Quality Specification for Ozone Generator with Compressed Air Preparation Unit and Oxygen Concentrator. Complete specifications are provided in the product manual. Contact your Evoqua sales representative for more information.



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