

THE APPLICATION OF OZONE TECHNOLOGY IN THE BEVERAGE INDUSTRY



SIMPLE. PROVEN. OZONE TECHNOLOGY.

The Pacific Ozone® product line offers Generators, Generator Systems, Packaged Systems, and Portable Systems to meet varying customer needs. All products offer simple and proven technology, yielding more uptime. Our packaged systems provide simple integration and deliver maximum efficiency and ease of system operation. Our innovative ozone technology allows us to be very compact without compromising the performance of our ozone generators. In addition, all Pacific Ozone units are aircooled, which results in less maintenance, lower power consumption. With the Pacific Ozone Packaged Systems, all you need is air, water, and electricity to increase the efficiency and safety of your process.

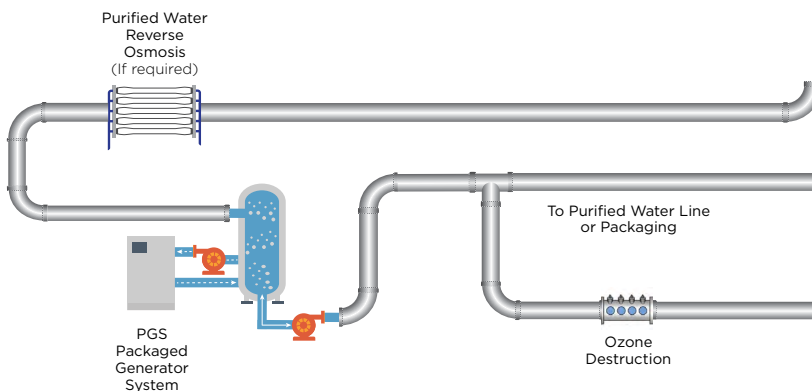
OZONE IN THE BEVERAGE MARKET

Ozone's efficacy as a universal and broad spectrum disinfectant against yeasts, molds, bacteria, viruses and biofilms is well documented, and has been globally adopted in water treatment processes for decades.*

Ozone is particularly suited for the beverage industry due to its ability to:

- Protect against E. Coli, Clostridium, Pseudomonas, and Salmonella
- Sanitize equipment and surfaces
- Disinfect without altering taste
- Sanitize hygienic production areas as well as packaging/filling lines
- Reduce the need for hot water, thus eliminating thermal cycles of process components, and extending equipment life
- Meet sustainability goals by reducing chemicals, energy, water and time

HOW AND WHERE OZONE IS APPLIED



AT A GLANCE

APPLICATIONS

- Bottle and cap washing
- Clean-in-place (O3-CIP)
- Equipment and surface sanitization
- Product water production
- Source water treatment
- Tank, equipment sanitization

RECOMMENDED SERIES

- GS
- PGS
- PGS Peak

CERTIFICATIONS

- CE
- UL



GS Series Ozone Generator



PGS Packaged System



PGS Peak Packaged System

ADVANTAGES OF PACIFIC OZONE

- Repeatable performance: simple and proven
- Sustainably generated on-site
- No chemical transportation/storage
- Highly effective treatment
- Increases the uptime of your operations. Typical sanitization cycles are reduced by 30% to 75%
- Saves energy as no hot water is required
- Reduces OPEX and increases ROI
- Integration made simple
- Minimal maintenance
- Ozone can be removed instantaneously in the water by UV at 254 nm

CERTIFICATIONS



Pacific Ozone Generation systems undergo factory acceptance testing to ensure they are capable of producing the desired ozone concentration, based on operational parameters outline in the Operating Manual. System performance of microorganism inactivation depends on the CT value, pH, and temperature of water. Performance limitations depend on feed conditions, overall installed system design, and operation and maintenance processes; please refer to Operations Manuals.

Contact Us

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