



Chemical Free
Environmentally Friendly
Cost Effective with Proven Results

Demands for cleaner water and air, plus stringent government regulations regarding hazardous materials, are making it harder to find effective solutions for treatment of process and discharge water. *Ozone water treatment* systems offer a chemical free, environmentally friendly, and energy efficient alternative to traditional chemical treatment.

TRS, Inc. is a proven leader in the cooling tower industry and well known for its engineering skills and dedication to outstanding service. Headquartered in Boulder, Colorado, TRS offers nationwide assistance with design, manufacture and service of ozone water treatment systems.

SPECIALISTS IN OZONE WATER TREATMENT

Why Ozone Treatment?

Ozone, a naturally occurring gas, has been recognized as a powerful water disinfectant for nearly one hundred years. Numerous scientific studies have proven the efficacy and reliability of Ozone in eliminating bacteria, algae, and viruses while reducing biofilm and minimizing corrosion and scale buildup. Plus, the process is accomplished without use of *dangerous* and harmful chemicals. Other benefits include:

- No chemical storage or disposal, minimum training requirements, increased worker safety and lowered liability exposure.
- No harmful chemical discharge, for improved regulatory compliance.
- Improved quality and cleanliness of process water provides energy efficiency and opportunity for successive water reuse.
- Water savings are possible and operating costs can be reduced.
- Typical payback period is three years or less, depending upon the application.

A Broad Array of Applications

TRS offers a line of standard products and custom designs for virtually any application requiring clean water or a more effective biocide.

- **Commercial**
Cooling towers, air intake washers, aquaculture
- **Industrial**
Solvent removal, discharge and reuse water treatment, power plants
- **Recreational**
Zoos, swimming pools, fountains



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Choosing a Provider/Consultant

In Europe, where concerns regarding chlorine and other harmful chemicals have been integrated into public policy, ozone water treatment has been broadly accepted for nearly 40 years. Successful application requires experience and reliability. When considering an ozone resource provider, keep the following key points in mind:

- **Proper system assessment and sizing are critical.** System sizing is dependent upon a number of interrelated factors such as temperature, volume, process load, and chemical composition. Look for experienced engineers and consultants who can properly assess your system requirements.
- **Consider both custom and standard systems.** For complex systems and highly dynamic parameters, consider a system designed exactly to meet your specifications.
- **Choose a full-service provider,** one who can assess, size, monitor and maintain your system, all under one performance contract. This ensures optimal performance and the best return on your capital investment.

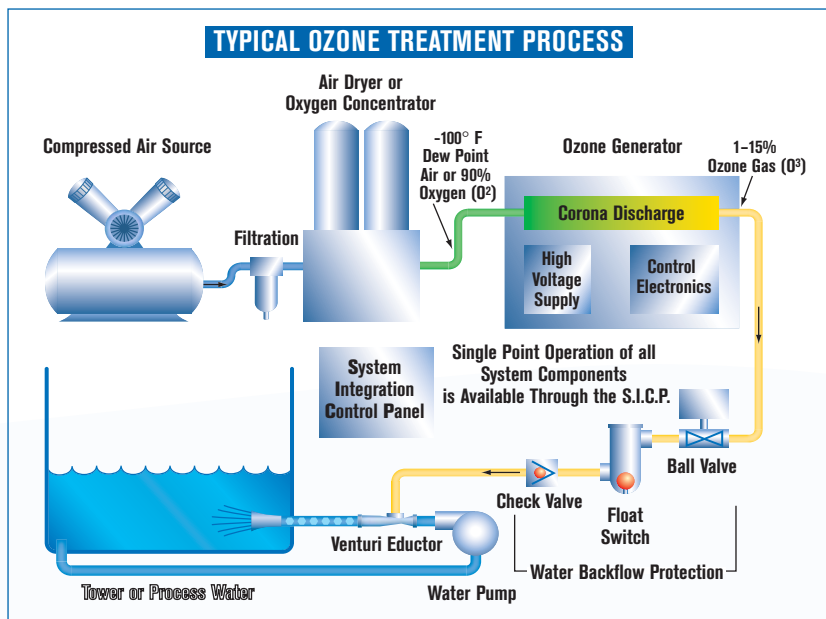


Skid Mounted
Ozone Treatment System

TRS offers proven expertise in assessment, sizing, design, manufacturing and service of treatment systems.

Our experts will be pleased to answer your questions on existing systems or share insights into adapting or building an ozone treatment system to meet your long-term needs.

TRS is a member of the Cooling Technology Institute and the National Association of Corrosion Engineers. The TRS team has extensive experience in cooling towers, industrial coatings, and ozone treatment systems.



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