



# DRINKING WATER

Ultraviolet Technology for Drinking Water





**Engineered Treatment Systems (ETS)** is a market leader in the custom design, manufacture, installation, and maintenance of ultraviolet (UV) treatment systems for a range of applications.

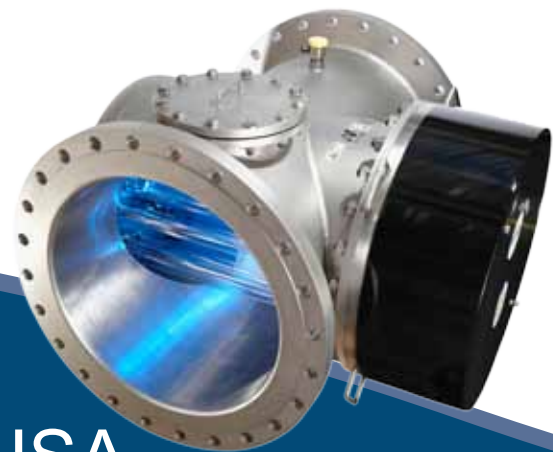
**Environmentally  
Friendly & Safe**

Our leading UV systems safeguard against chlorine resistant microorganisms such as Cryptosporidium.

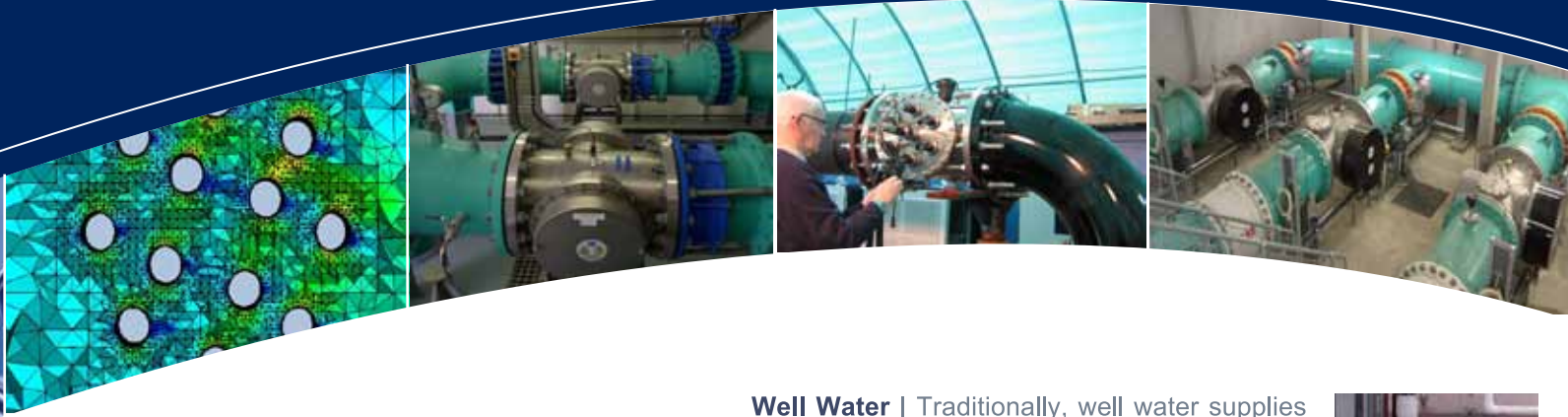


With over twenty-five years of industry experience, an impressive international client portfolio, and a range of successful case studies, **ETS** is leading the way in this rapidly growing market. With industry regulations becoming more stringent, increasing governmental and media interest, and the growing threat of chemically tolerant microorganisms such as Cryptosporidium, it is important to choose a company that you can trust.

With validated technology and a wealth of experience in the UV industry, **ETS** is leading the way in the custom design of UV technology systems. Systems meet the dose and testing requirements while providing effective and cost efficient solutions for a range of municipal applications. At **ETS** we understand how multi-barrier processes work and UV's role in the LT2 and DBP rules.



**Built With Pride**  
in Beaver Dam, WI USA



## Design and Specification

**ETS** is an expert in the application of UV light, offering both medium pressure and low pressure amalgam lamp technologies. Experience has enabled the ability to tailor a system that will be cost effective while meeting the disinfection requirements of various drinking water facilities.

Flexible design ensures that **ETS** can provide advanced technology solutions for both new installations and retrofits of existing systems, in a range of simple to challenging environments. With a vast product range for a variety of drinking water applications from small wells of only a few gpm to full scale water treatment plants treating flows in excess of 30 MGD in a single chamber, **ETS** can provide effective solutions for any specification or location.

## Quality

The **ETS** philosophy is driven by a 'quality first' approach. Manufacturing in accordance with ISO9001 procedures, you can be assured all **ETS** products are consistently engineered to the highest of standards.

The experience and skill of **ETS** engineers provides designs which meet the standards required by the drinking water industry. From industry specified materials and large volume flows to units designed for restricted space and use within harsh environments, **ETS** designs, manufactures, and supports site specific units to meet any specification or location.

## Experience

With a range of successful case studies, reference lists, and key clients across a range of industries, **ETS** can provide effective and cost efficient solutions to suit any specification. Coupled with vast experience in the treatment of water across a number of markets, **ETS** continues to surpass customer expectations as a world leader in the UV industry.

**Well Water** | Traditionally, well water supplies are of high quality; thus ensuring an **ETS** disinfection system to be the sensible technology choice to provide an effective and efficient barrier against harmful microorganisms within a small footprint.

**Surface Water** | **ETS** has a wealth of knowledge of drinking water applications and comprehends the variable quality and challenges associated with surface water. With a vast range of products, **ETS** provides systems for any specification.

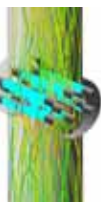
**Domestic Supplies** | **ETS** has provided UV disinfection systems for the treatment of potable drinking water for individual properties and small village supplies around the world, typically treating between 10 and 70 gpm in a single high-output, small footprint system.

**Water Treatment Plants** | **ETS** has supplied potable water systems capable of treating up to 30 MGD in a single unit. **ETS** has treated larger flows by linking systems together to offer an effective solution for any volume.

**Microorganisms** | UV protection provides an effective barrier against harmful microorganisms including chlorine tolerant pathogenic organisms such as *Cryptosporidium*. Recent outbreaks have resulted in an increased demand for UV protection.

**Integration and Technology** | **ETS** designs systems with ease of integration into existing spaces. This leading technology allows for product flexibility across a range of specifications, vastly reducing the complexity of installing UV protection.

**Service and Parts** | **ETS** offers a dedicated spares and service division to ensure each unit is running at optimum levels. Service options include: 24 hour assistance, enhanced warranty coverage, spares, and an annual preventative maintenance package.



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