



*Non-Chemical Water Treatment System*

The Trident Non-Chemical Water Treatment System is a completely non-chemical solution for controlling scale, corrosion and bacteria and greatly reduces TDS in cooling towers and cooling systems. The system is carefully designed and engineered and is *backed by science*. In most applications, the Trident System pays for itself in a matter of months. **The Trident System is safe for the environment, conserves water and energy and makes your equipment last longer and run more efficiently.** Our System consists of industry proven components including a patented catalytic anti-scaling device, high-efficiency filtration, UV sterilization and can be monitored remotely. Trident will convert your cooling system into an efficiently-operating, cost-saving, environmentally-responsible system.

The Trident Non-Chemical Water Treatment System is the best system available because of our components and because of our design. Our patented catalytic device is industry proven with hundreds of **installations in more than 26 countries** all over the world - including England, Spain, India, Thailand, Argentina and the United States. The Colloid-a-tron is produced by **the world's oldest catalytic water treatment company** with over 35 years of experience. Our multi-dimensional filtration is precise and flexible and is specifically compatible with non-chemical water treatment.

We know our system's optimal performance "sweet spot" and use our EXPERT 5 proprietary prediction software program. The EXPERT 5 utilizes data from each location and determines performance expectations, cycles of concentration and specific location of equipment components. **Each location is custom designed** for conditions, water make-up, availability of room for equipment and type of service. This is a service that no other non-chemical water treatment company offers.

We also believe that, while the Trident System maintenance is ultra-minimum, **service is vital to achieve maximum efficiency.** Therefore, we are involved in all aspects of design installation, training and performance monitoring. The flexibility of our system allows us to make all adjustments required to adapt to any seasonal changes in water composition...We guarantee results.



## Trident System Benefits

- 🔥 **Eliminates** the presence and discharge of dangerous, toxic and cancer causing **chemicals** and chemical by-products
- 🔥 **Controls** and kills **Legionella p.**, E-coli and other microorganisms where they are normally protected and growing
- 🔥 Drastically **reduces water costs** with less blow down and higher cycles of concentration
- 🔥 Drastically **reduces energy costs** with a cleaner running system, no scale buildup and more efficient heat transfer to offset fouling
- 🔥 **Eliminates chemical costs**
- 🔥 **Minimizes labor costs** for chemical handling and repairs to chemical feed pumps
- 🔥 **Minimizes insurance, freight and storage costs**
- 🔥 **Eliminates disposal fees** for empty drums and chemical waste
- 🔥 **Eliminates** labor for EPA/OSHA **Compliance reports** on hazardous materials
- 🔥 Our system **contributes to LEED** in up to six different areas: storm water management, water efficient landscaping , cooling tower water management – chemical management, cooling tower water management - non-potable water source use, energy efficiency, innovation in operations
- 🔥 **Reduces equipment maintenance costs** by cleaning existing fouled systems, optimizing equipment life and performance and can end scale cleaning regimens
- 🔥 **Our system is flexible** and easily adaptable to changing water conditions.
- 🔥 The Trident has no moving parts and requires “**ultra minimum**” **maintenance** and has “**ultra minimum**” **operating expense**
- 🔥 The Trident System is **easy and inexpensive to install**
- 🔥 The Trident system is **the most reasonably priced** Non-Chemical Water Treatment system available
- 🔥 Our System provides a **quick Return on Investment**
- 🔥 **WE GUARANTEE RESULTS**

