



**Cooling Tower Treatment
FluidTron® Electrostatic Treatment System
Fluid Treatment Solution Through Applied
Technology**

CHEMICAL FREE **REDUCE WATER CONSUMPTION BY OVER 50%** **IMPROVE THE ENVIRONMENTAL IMPACT OF YOUR COOLING TOWER DISCHARGE**
REDUCE COOLING TOWER OPERATING COSTS BY AT LEAST 20% **REDUCE MAN HOURS REQUIRED TO MAINTAIN YOUR SYSTEM**

Process water treatment that meets or exceeds chemical treatments	Minimum Conductivity settings at 4500mmhos/cc	Non-intrusive installations — little if any downtime to install
Environmentally friendly, pollution prevention technology	Control scaling, inhibit corrosion, minimize biological fouling without chemical additives	A treatment program that pays for itself in 12 to 24 months

Simple installation procedure — No cutting into your pipes, minimal down time, maintenance on the fly.

Our customer list includes Fortune 500 companies, hospitals, universities, commercial and industrial companies.

All products manufactured by ETI carry a 3 year warranty.

Reduce daily involvement to checking monitor panel lights.

Eliminate chemical additives in your cooling tower.

Reduce water consumption, reduce the environmental impact of the discharge of your cooling tower.

Our product line can treat the smallest to the largest cooling towers. We have thousands of tons of cooling tower capacity under treatment, no tower is too small or too large.

Engineered systems to meet your specific needs. Additional equipment may include filtration, remote monitoring, water quality control monitoring, tower cleaning systems. Our job is to supply you with the appropriate solution for your cooling needs.

Install may qualify for USGBC LEED-EB or LEED-NC storm water management and water use reduction credits. Some states and localities offer tax incentives for LEED certified installations and buildings.

CUSTOMER RESPONSES:

We have been using the FluidTron®...since 1994 and are very pleased with the results...we appreciate the elimination of chemical from a cost, personnel and environment point of view - Ruco Products

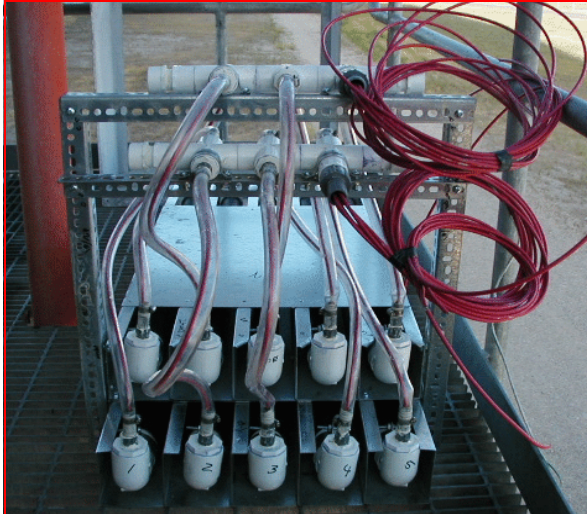
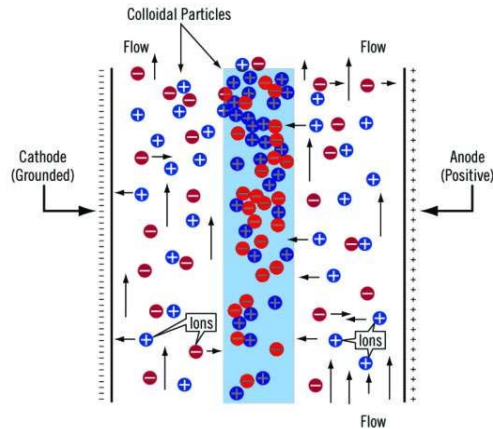
Scale has been removed from the condenser tubes in our evaporative condenser, biologicals are under full control and our systems are cleaner than they ever have been. The most exciting part is that the temperature differential has now reached ten degrees. - Maricopa Skill Center - Arizona

OTHER APPLICATIONS:

Boilers
Hot water heaters
Hot water recirculation systems
Heat Exchangers
Any application where minerals and scale form

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The FluidTron system controls scaling by changing scale forming ions to neutral molecules with our positively charged electrode and ground. These stable molecules stay in suspension rather than attaching to wetted surfaces as scale. This is done on a continual basis during the normal recirculation of water past our electrodes. Removing the ions from the water also allows the water to dissolve existing deposits. The continual recirculation of the water also controls biological growth by raising the pH of the water and by the flow of water through our electrical fields.



FTR Series

Tubular electrodes held in chamber. All water exiting from the tower must pass through this module. Installation is easy and can be done with minimal down time. The electrodes will be totally submerged once the tower is fully functional.

FTP - PLATE SYSTEMS

These modules contain a 12" x @4" plate electrode. This allows for the treatment of large flow systems. Towers as large as 8,000 tons have been effectively treated using this design. This electrode module will be submerged once the tower basin has been filled.



CUSTOMER RESPONSES:

Our Chillers are cleaner than they ever have been.—Alameda Towers

This system is so effective and so reliable that after 10 years of use we wouldn't consider any other treatment. - Ruco Products

This system has worked so well. Our chillers are clean and existing scale is being removed from our towers. - Cloverleaf Office Buildings

It has been effectively controlling scale and microbial growth as well as saving man-hours required with chemical treatments. - St. Luke's Hospital

Scale has been removed that had accumulated under our previous chemical treatment program. (KU Medical Center.)



Electrostatic Technologies, Inc. is a member of Cooling Technology Institute

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