

# EnviroTower<sup>™</sup> Water Treatment System

by Ion Enterprises



## OVERVIEW

The **EnviroTower**<sup>™</sup> cooling tower water treatment solution optimizes energy and water efficiencies while minimizing environmental impacts. Cooling towers represent up to 30% of a building's overall energy budget, and 50% of the water used. The **EnviroTower**<sup>™</sup> solution helps commercial, institutional and industrial facilities significantly reduce their cooling costs. Our patented, comprehensive water treatment solutions have earned endorsement of North America's largest and most demanding organizations through its ability to deliver consistent, reliable results.

## MEASURABLE BENEFITS

### Water Savings – Environmental Responsibility – Energy Conservation

- ✓ Reduce energy usage up to 15%
- ✓ Reduce cooling water usage up to 50%
- ✓ Reduce chemical usage up to 95%
- ✓ Prevent unexpected downtime
- ✓ Improve cooling system efficiency
- ✓ Reduce total cooling costs 5% to 15%
- ✓ Prevent scale
- ✓ Reduce maintenance
- ✓ Extend equipment life
- ✓ Add Corrosion and Biological control

## MARKETS AND CUSTOMERS

The **EnviroTower**<sup>™</sup> technology has been selected and implemented by many recognizable firms across North America who are now receiving the benefit of this comprehensive solution. Some building and system applications:

- Food and Beverage Processors
- Office Buildings
- Educational Institutions
- Pharmaceutical Manufacturers
- Data Centers
- Hotels and Conference Centers
- Health Care Facilities
- Public and Government Facilities
- Injection Plastic Industry
- Industrial processes involving Cooling Towers

Customers have selected **Ion Enterprises** and the **EnviroTower**<sup>™</sup> solution because of its ability to meet the demands of building portfolios that manage cooling systems for a multitude of facilities. **Ion Enterprises** builds trusted, longstanding relationships with its customers by achieving consistent, measurable, repeatable results.



## HOW IT WORKS

Three Synergistic Components:

1

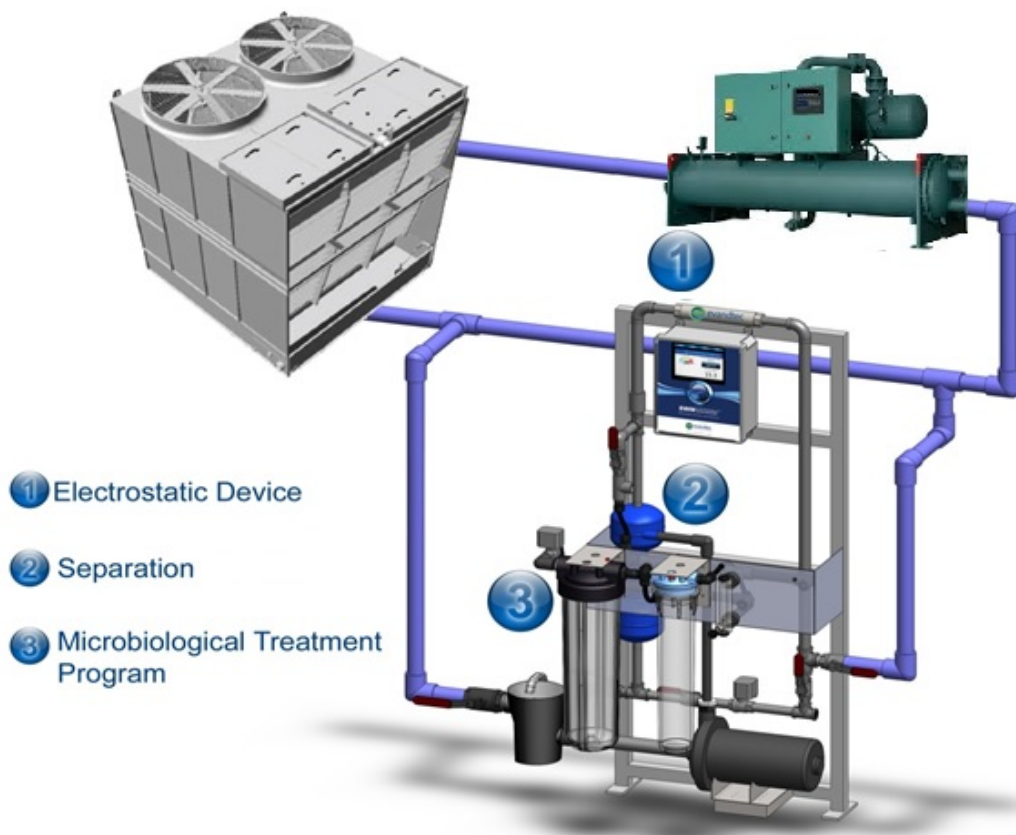
**Electrostatic Water Conditioner** – The patented **ScaleBuster®** technology that pre-emptively precipitates solids and acts to prevent scale in equipment surfaces and control potential corrosion

2

**Separation** – Captures and discharges precipitated solids created by the electrostatic device, keeping the water as clean as possible

3

**Microbiological Treatment Program** – Supplementary treatment program to control microbiological activity and corrosion in the system



 **SCALEBUSTER** technology