



ECS

Our Solution

PHYSICAL WATER TREATMENT

Making Sense Of Energy Technology

HydroPlex® Solution

The HydroPlex® is a self-contained, non-chemical synergistic system for the treatment of cooling towers and chillers. On average, cooling tower operating costs are reduced by 20-30%, water consumption is reduced by 20% and annual maintenance costs are reduced by at least 50% after HydroPlex® installation. The average life cycle of cooling towers or chillers are approximately 25 years, but the HydroPlex® system can increase their life cycle substantially.

The HydroPlex® system is specially engineered for each cooling tower installation and all components are standardized for ease of assembly. Before installation, ECS completes a site survey of previous treatment methods. This information is used to create a baseline of the cooling tower's history and current condition, insuring a properly designed and installed system.

How it Works

- Patented scale control system prevents hard water scale from forming throughout the tower/chiller system
- Ion generating cell controls algae, bacteria and legionella
- Ionization control unit assures accurate ion generation
- Centrifugal filter cleans tower system water
- Automatic purge valve purges solids from the filter and conserves water
- Circulation pump maintains constant treatment
- Sweeper jet system constantly cleans tower basin

Learn more about our system at www.ecsh2o.com



The Future

How HydroPlex® can help NOW

- Environmental improvement and protection through elimination of toxic chemical use
- Significant reduction of operating costs and energy consumption
- ECS products require little maintenance and reduces cooling tower and chiller upkeep costs
- Year-end cleaning of towers and chillers is no longer necessary
- Water conservation achieved by reducing necessity of bleed off by 10%-20%
- Energy costs lowered by limiting heat loss through the elimination of scale buildup



What ECS Does For You.

- Saves you money
- Conserves earth's natural resources
- Reduces or eliminates chemical use, providing a healthier environment
- Enables property owners & operators to maximize efficiency
- Improves the community & economy

The Time is NOW...

to protect our environment and deploy proven, chemical-free water management that actually "adds" to your bottom line.



**Learn More @
ecsh2o.com**

