

# TRIANGULAR WAVE TECHNOLOGIES CHEMICAL-FREE FLUID MANAGEMENT SOLUTIONS FOR THE SUPERMARKET INDUSTRY...

TWT Treatment Systems for the Control of Scale Deposits • Biofilm • Corrosion  
• Algae • Colloids For Interior Water-Fed Deli, Produce, Bakery, Bagel, Meat, Fish  
Processing Depts, Food Court and Storage Room Applications.  
Exterior HVAC Applications

## **HARD WATER PROBLEMS SOLVED EASILY!**

*Your Simple and Safe Solution!*

*Enhance water quality, and improve  
operating efficiency and equipment life cycle.*

TWT systems use state-of-the-art technology to restore and maintain a clean, corrosion-free delivery system in an environmentally safe and chemical-free manner...The result is clean pipes and tubing with no biofilm and reduced bacterial contamination.



**CLEANER WATER IS HEALTHIER WATER!**

**TRIANGULAR WAVE  
TECHNOLOGIES, INC.**  
FLUID MANAGEMENT SOLUTIONS  
[www.triangularwave.com](http://www.triangularwave.com)

# TWT DEPOSIT CONTROL TECHNICAL OVERVIEW

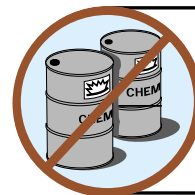
Triangular Wave Technologies, Inc. systems provide technologically advanced methods for water and fluid management that are both efficient and cost-effective. Components and subsystems chosen from across the range of treatment methods can be combined in different configurations to provide custom solutions specific to any industry, site or application. TWT systems work to consistently deliver high quality drinking water, reduce scale and bio-fouling in plumbing systems, and to increase efficiency of both once-through and re-circulating HVAC, process cooling, agriculture, industrial processing, wastewater and other fluid based systems. Each product line offers a variety of both standalone and comprehensive treatment solutions for end-to-end fluid management, for all types of applications.

The patented Triangular Wave Deposit Control Systems use advanced integrated circuitry and signal processing to create a complex frequency and amplitude modulated waveform. A complex and changing electrical field is induced in the pipe, which increases the solubility of the minerals and changes the shape and size of the calcium carbonate crystals. By this reaction, the crystals lose their adhesive properties, remain in sub-micron suspension, and pass harmlessly through the pipe. Existing scale deposits are taken into solution and also pass through. Triangular Wave Deposit Control Systems offer all the positive effects of soft water, and clean up existing deposits, without the use of traditional salts and chemicals.

- *Provides the effects of softened water, neutralizes calcium hardness effects in the water*
- *Removes and prevents scale buildup*
- *Uses no salts or other chemicals*
- *Service and maintenance-free*
- *Improves efficiency of all water-fed equipment and extends its lifecycle*
- *Quickly pays for itself and continues saving*
- *Descales the entire plumbing system over time*
- *Designed for safety—the output is safe to both personnel and equipment. There is no electrical contact with the pipe*



The Triangular Wave System gives owners the positive benefits of soft water without the harmful salts



Eliminate toxic chemicals & salts  
No recurring chemical expenses  
No handling and storage of hazardous chemicals on site  
No hazardous salt contamination

**Simply Said... a clean, corrosion-free delivery system is restored and maintained in an environmentally safe and chemical-free manner. The result is clean pipes and tubing with no biofilm and reduced bacterial contamination.**