

Sensing Environmental Needs With Intelligent Solutions

Triangularwave Technology (TWT®)... The Green Market Answer-Chemical-Free



Versatile Deposit Control Products & Systems To Effectively Meet
The Needs Of Any Industry and Application

- Residential • Commercial • Industrial

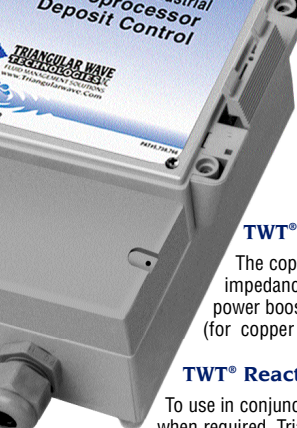
Control Scale Deposits/Bacteria /Corrosion/
Algae/Colloids In All Fluid Based Systems

Hard Water Problems Solved Easily - Efficient, Cost Effective & Reliable

TWT® Patented Deposit Control systems use advanced 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.

- Power On
- Coil Energized
- System Fault Error
- Push to Test

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TWT® Copper Pipe Signal Enhancer

The copper pipe signal enhancer is a passive signal/impedance matching circuit. This device provides a power boost to the conditioning signal in copper pipes (for copper pipe applications only).

TWT® Reaction Chambers

To use in conjunction with the TWT Deposit Control Systems when required, Triangular Wave Technologies, Inc. has developed

a line of factory-wrapped wire Reaction Chambers to address magnetic pipe environments. Typically, wire coil cannot be installed on any magnetic pipe, such as steel, galvanized steel, ductile iron, or cast iron. The TWT Reaction Chambers solve this problem by providing an easily installed section of non-magnetic pipe provide the proper pipe material for the Deposit Control System to work as designed. The TWT Reaction Chambers are fully sealed, protecting their layers of factory-wrapped coil. The PVC, Stainless Steel and the Industrial Reaction Chamber systems are designed and manufactured to meet the highest quality specifications.

FIELD TESTED AND PROVEN EFFECTIVE



TWT, Inc. offers a full range of products & systems designed to address fluid problems wherever fluid flows. TWT has the versatile, efficient, cost-effective methods to solve your fluid management problems end to end.

- Controls scale, biofilm & corrosion
- Enhance operating efficiency & life cycle of equipment
- The only products & systems that pay for themselves
- Review application and installation guidelines of all products and systems to ensure proper use and treatment.

TWT® Saves: Chemicals, Water, Energy, Labor, Time and Materials.

Protection for New Equipment

TWT provides new equipment with the ability to enhance the product benefits and features.

Treatment for Existing Equipment

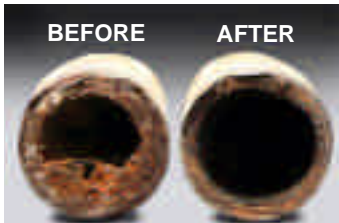
Retrofit existing equipment to improve its operating efficiency and life cycle.

Lifecycle Savings

Savings continue typically for 10 years or more from date of installation. Savings accelerate after the payback period and continue for the life of the system. Lifecycle savings are thus typically many times the cost of the TWT System.

Simply Said... a clean, corrosion-free delivery system is restored and maintained in an environmentally safe and chemical-free manner.

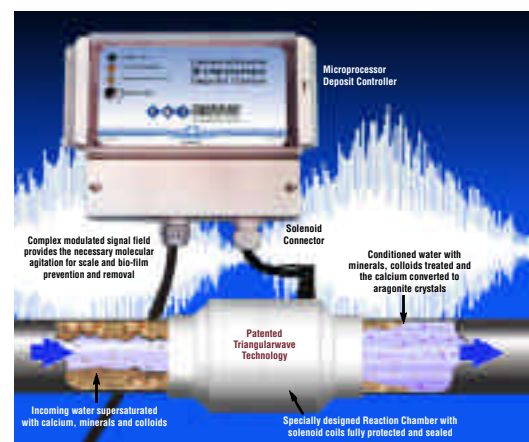
The result is clean pipes and tubing with no biofilm and reduced bacterial contamination.



TWT-Deposit Control Solenoid Coil Wrap on PVC Pipe Application: PVC/Plastic pipes require NO copper pipe signal enhancer or reaction chamber



TWT-Deposit Control Solenoid Coil Wrap with a CSE Copper Pipe Signal Enhancer Application: Copper pipe signal enhancer is required for copper pipe applications only



TWT-Deposit Control with Stainless Steel or PVC Reaction Chamber Application: Magnetic pipes (steel/iron) require a reaction chamber

TWT is the world's leading manufacturer and supplier of chemical-free fluid management products based on its patented TWT Triangularwave form technology. TWT's chemical-free fluid treatment and management methods have been accepted for use around the world by governments, industry, and individuals, who all enjoy the increased safety, extended equipment life cycle, and decreased operating costs that the TWT systems deliver.

Triangularwave Technologies, Inc. products and 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 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 Triangularwave Deposit Control Systems use advanced integrated circuitry and signal processing to create a complex frequency and amplitude modulated wave form.

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.

Triangularwave Deposit Control Systems offer all the positive effects of soft water, and clean up existing deposits, without the use of traditional salts and chemicals.

TWT® Advanced Methods for Water & Fluid Management Potable Water, Process and Waste Water Treatment & Conditioning

- Residential • Commercial • Industrial
- 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 life cycle
- 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

TWT Deposit Control Systems enhance other treatment technologies as well, including chemicals, ozone, ultraviolet, separators and other filtration systems, keeping them clean and enhancing their operation. In this way, their full treatment benefits are realized, with reduced maintenance requirements. Consider using TWT Deposit Control Systems in conjunction with any fluid treatment systems as a complementary technology. Visit our websites for further details on how you can leverage the TWT Deposit Control benefits.

To find out more about prospective markets and technical information. Check TWT's websites: www.triangularwave.com click on Industrial Applications. www.twtwatertreatment.com click on Industry Specific.

The Return On Investment of a TWT System is Undeniably Significant From Operational, Economical, and Safety Points-Of-View.

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