

TRIANGULAR WAVE TECHNOLOGIES, INC. TWT® PATENTED DEPOSIT CONTROL SYSTEMS

Technologically Advanced Method for Water & Fluid Management Providing Comprehensive End-To-End Solutions



Model TWT-5C8-470
Residential Deposit Control
 Designed for pipes 1/2 inches or less in diameter.
 Size: 3.3"W x 3.3"H x 1.3"D
 Voltage: 9 vdc
 Amperage: Draws less than 1 Amp.
 Coil length: 4"



Model TWT-5C8-473
Residential/Commercial
 Designed for pipes 1 inch or less in diameter.
 Size: 5.25"W x 5.25"H x 2.5"D
 Amperage: Draws less than 1 Amp.
 Coil length: 4"
Universal Power Supply



Model TWT-5C8-472
Residential/Commercial
 Designed for pipes 3/4" / 1" inch in diameter.
 Size: 6.5"W x 3.75"H x 1.3"D
 Voltage: 9 vdc
 Amperage: Draws less than 1 Amp.
 Coil length: 4"



Model TWT-5C8-401
Commercial/Industrial
 Designed for pipes 1-1/2 inches or less in diameter.
 Size: 6.5"W x 7.75"H x 4.75"D
 Voltage: 120 vac
 Amperage: Draws less than 1 Amp.
 Coil length: 4"
Industrial Reaction Chamber Recommended



Model TWT-5C8-402
Commercial/Industrial
 Designed for pipes 2 inches or less in diameter.
 Size: 7.75"W x 6.25"H x 3.75"D
 Voltage: 120 VAC
 Amperage: Draws less than 2 Amp.
 Coil length: 7"
Industrial Reaction Chamber Recommended



Model TWT-5C8-403
Commercial/Industrial
 Designed for pipes 3 inches or less in diameter.
 Size: 10"W x 7.25"H x 4.5"D
 Voltage: 120 VAC
 Amperage: Draws less than 2 Amps.
 Coil length: 7"
Industrial Reaction Chamber Recommended



Model TWT-5C8-404
Commercial/Industrial
 Designed for pipes 4 inches or less in diameter.
 Size: 10"W x 7.25"H x 4.5"D
 Voltage: 120 VAC
 Amperage: Draws less than 2 Amps.
 Coil length: 7"
Industrial Reaction Chamber Recommended



Model TWT-5C8-406
Commercial/Industrial
 Designed for pipes 6 inches or less in diameter.
 Size: 11.5"W x 8.5"H x 6"D
 Voltage: 120 VAC
 Amperage: Draws less than 3 Amps.
 Coil length: 4.5"
Industrial Reaction Chamber Recommended



Model TWT-5C8-408
Commercial/Industrial
 Designed for pipes 8 inches or less in diameter.
 Size: 10"W x 8.25"H x 5.25"D
 Voltage: 120 VAC
 Amperage: Draws less than 3 Amps.
 Coil length: Contact TWT directly for solenoid winding instructions
Industrial Reaction Chamber Recommended



Model TWT-5C8-410
Commercial/Industrial
 Designed for pipes 10 inches or less in diameter.
 Size: 12"W x 10"H x 7"D
 Voltage: 120 VAC
 Amperage: Draws less than 3 Amps.
 Coil length: Contact TWT directly for solenoid winding instructions
Industrial Reaction Chamber Recommended

Note: Custom orders—12", 14" and larger sizes deposit controllers are available upon request.

Other voltage source available upon request (overseas installations, must specify with PO).

Solenoid winding coil wire supplied with systems is 18-20 AWG (UL Approved).

Teflon wire available upon request (UL Approved), must specify with PO.

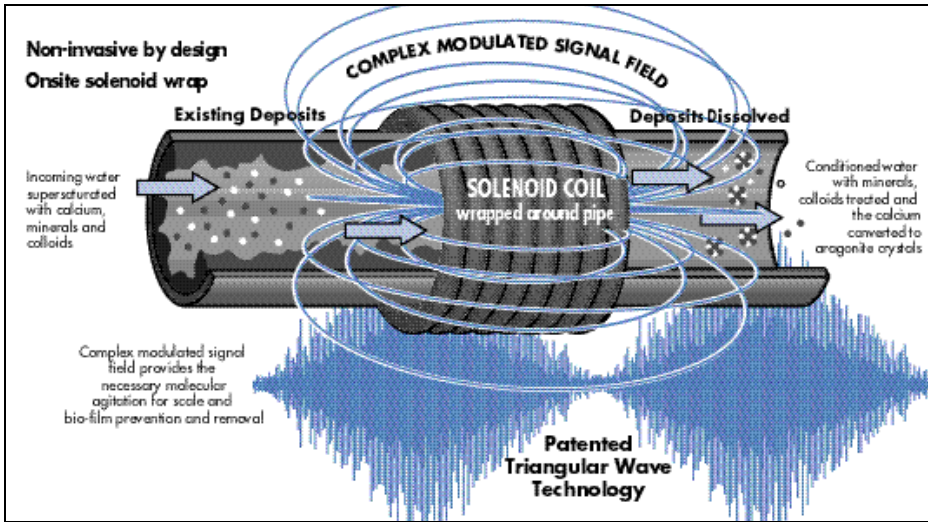
System housings ABS construction.

All TWT systems are shipped with easy to follow application, installation and maintenance manuals.

Versatile Fluid Management Systems To Effectively Meet The Needs Of Any Industry and Application

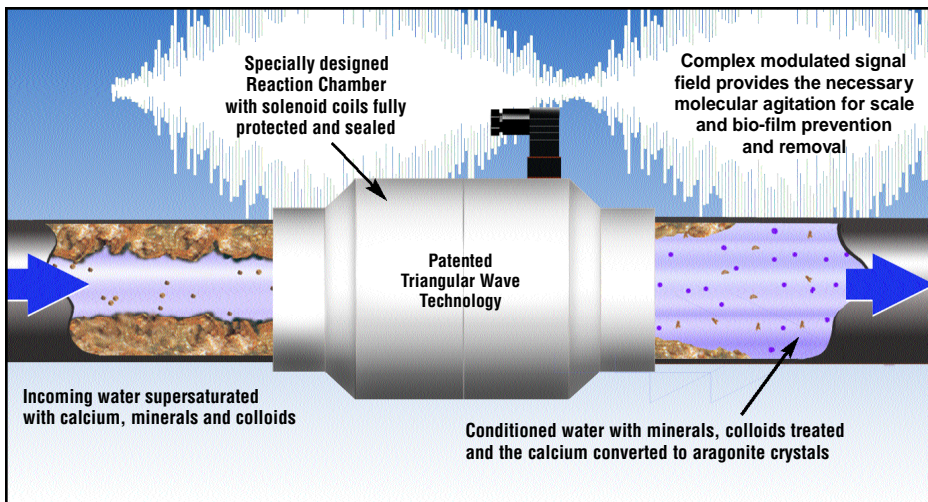
- Residential, Commercial, Industrial Treatment & Conditioning
- Control Scale Deposits/Bacteria/Corrosion/Algae/ Colloids In All Fluid Based Systems
- Improve Operating Efficiency And Life Cycle Of Equipment

Deposit Control Treatment Technology at Work!



Onsite Solenoid Wrap

Using modern integrated circuitry and signal processing techniques, the patented TWT Deposit Control Technology works by producing a complex frequency-modulated waveform. This creates a deionizing effect, induced by physical means, which increases the solubility of the minerals, and colloids in the liquid and changes the shape, size and texture of the calcium carbonate crystals. By this reaction, the minerals, colloids and crystals lose their adhesive properties and remain in suspension in the liquid. Pre-existing scale is taken back into solution and removed in the same way. The effects are immediate and long lasting down stream.



Factory Wrapped Wire Coil Reaction Chambers

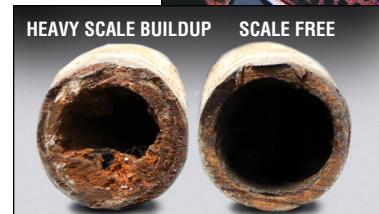
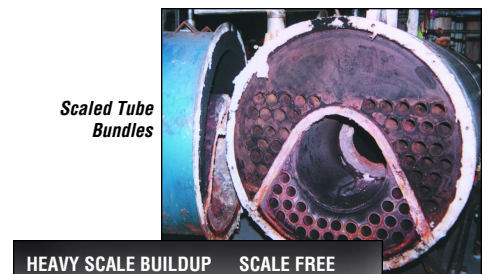
The TWT Reaction Chamber is part of the patented TWT Deposit Control Technology, the function of which is to control scale and bio-film in the plumbing infrastructure, fixtures, and water-fed appliances found in the facility being treated. The Reaction Chamber provides a chamber through which the water flows and is exposed to the triangular wave signal that lies at the heart of the deposit control technology. As the fluid passes through, it is treated and then carries that treatment downstream, to condition the rest of the plumbing system, non-chemically and reliably.

TWT® PATENTED DEPOSIT CONTROL TECHNOLOGY

This State-of-the-Art electronic deposit controller provides continual scale and bio-film control in fluid systems resulting in reduced maintenance and more efficient operation. The Triangular Wave System utilizes unique and proprietary treatment and design processes.

The Triangular Wave System represents a significant breakthrough in electro-magnetic technology. The triangular wave has made possible the use of electromagnetic technology in applications of all sizes, from residential to large commercial and industrial applications. As an advanced system for controlling scale and bio-fouling, it is applicable with once-through and recirculating HVAC, heating and process cooling systems, as well as agricultural, industrial processing, wastewater, and other fluid-based systems.

TWT® provides chemical-free scale prevention and removal.



Eliminates deposits in pipes, fixtures and equipment.



On copper pipe applications a copper pipe signal enhancer is recommended



Encrusted Heat Exchangers

Visit our website: www.triangularwave.com for additional product and technical information