

# Residential/Light Commercial Deposit Control System

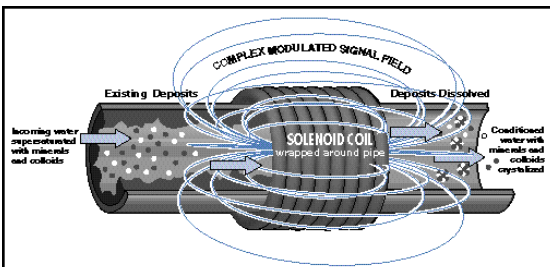
## Factory Assembled, Board Mounted (3-step Installation)

*The Triangular Wave System represents a significant breakthrough in electro-magnetic technology. The triangular wave has made possible the use of electro-magnetic technology in all size residential, light commercial applications.*

The TWT Deposit Control System is an advanced method for controlling scale and bio-fouling in fluid based systems. The electronic deposit control technology uses a signal coil that is wrapped around a pipe in the plumbing system being treated. The signal coil produces an extremely small time-varying magnetic field inside the pipe (the magnetic field is hundreds of times weaker than refrigerator magnets used in the kitchen). The resulting induced, oscillating electric field provides the necessary molecular agitation for chemical-free scale prevention and removal.

- Provides the effects of softened water, neutralizes calcium hardness effects in the water
- Designed for safety: The output is safe to both personnel and equipment. There is NO ELECTRICAL CONTACT WITH THE PIPE.
- Works on most types of pipe
- Require NO PLUMBING, do it yourself, easy to install
- Takes up very little space and plugs into a standard 110 VAC

**Controls mineral and biological deposits, as well as corrosion in all fluid based systems. Once installed on the pipe, or as part of a reaction chamber system, the Triangular Wave System provides continuous and reliable water treatment.**



Signal coil producing magnetic field inside the pipe. The resulting induced, oscillating electric field provides the necessary molecular agitation for scale and biofilm prevention and removal.

**CLEANER WATER IS HEALTHIER WATER!**

**Model TWT-471CSEFA**

Residential Light Commercial Microprocessor Deposit Control

Coil Energized  
When Flashing  
Power On

TRIANGULAR WAVE TECHNOLOGIES

TWT-5C8-471 Deposit Controller

AC Power Cord

Predrilled holes for mounting

Wire Leads (Coil Wire Included)

Solenoid Wrapped Copper Pipe

Mounting Board 8"X12" System Weight 3 lbs.

TWT-CSE-0227 Copper Pipe Signal Enhancer  
\*For Copper Pipe Application & Installations Only  
CSE Unit is not to be used for PVC Pipe Installation

**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.

**3-Step Installation (Interior installation)**

1. Mount system near copper or PVC pipe to be treated
2. Wrap solenoid coil around copper or PVC pipe as per owners installation manual included
3. Plug power cord into standard 110/15 VAC protected outlet (other voltage source available upon request)

**NOTE:** • Power On light will be on • Coil Energized lights will be flashing • System is working

**Exterior installation**

TWT recommends the system should be installed in a weather proof enclosure to protect it against the elements

\*Contact your distributor for the correct application & installation for other pipe materials

### TECHNICAL DATA

Voltage	Amperage	Signal Frequency	Pipe Size Range	Coil Length	Coil Wire Gauge	Board Size	System Weight
110/15 vac	less than 1 Amp	2-7 KHz	up to 1"	4"	UL 1007 AWG#20	8" X 12"	3 lbs.

