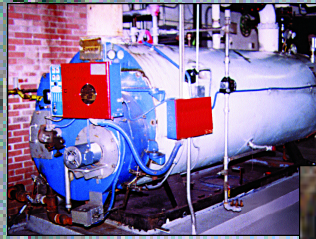


Triangularwave Technologies (TWT®) CHEMICAL-FREE FLUID CONDITIONING & TREATMENT for the HVAC INDUSTRY

Sensing Environmental Needs With Intelligent Solutions The Difference in Technology Matters!

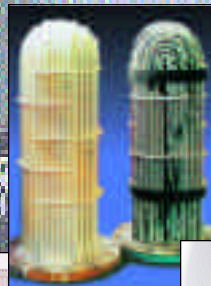
Triangularwave Technologies, Inc. is the Leader in Chemical-Free HVAC Fluid Conditioning & Treatment Systems. Using It's Triangularwave Deposit Control & Ionization Technology, TWT® Effectively Meets The Needs Of Any Application.

Enhancing Water Quality,
Improving HVAC Operating
Efficiency and Equipment
Life Cycle



Scale Deposits

Encrusted Heat Exchangers



Eliminates deposits in pipes, heat exchangers and related equipment.



TWT® Saves: Chemicals, Water, Energy, Labor, Time & Materials

TWT Patented Deposit Control Technology,
*Versatile system sized to effectively The Needs
Of Any Application.*



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

TWT® Patented Deposit Control Technology: Process and Waste Water Treatment & Conditioning

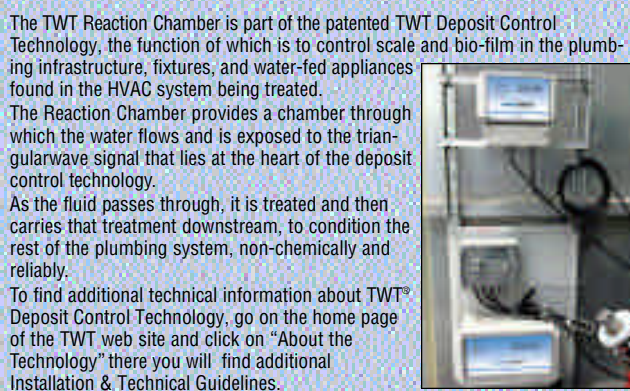
Ownership of the TWT System will afford you and your customers significant savings over a short period of time and even greater savings over the life cycle of the equipment.

GO GREEN-SAVE GREEN

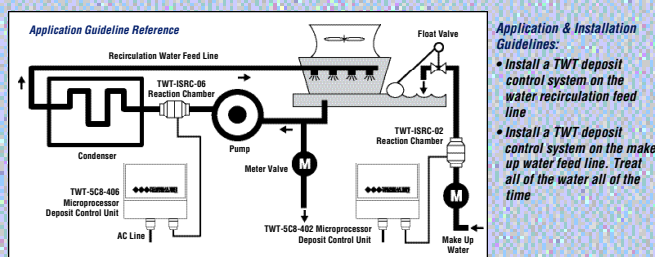


Stainless Steel Industrial Reaction Chamber

Unique, Scalable Systems For Every Need
TWT® Deposit Control Products & Systems can be deployed in different modular configurations, scaling to fit your specific application requirements.



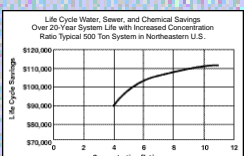
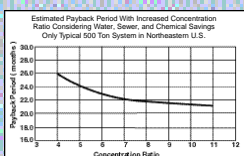
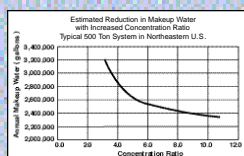
TWT® The Competitive Edge!



Application & Installation Guidelines:

- Install a TWT deposit control system on the water recirculation feed line
- Install a TWT deposit control system on the make up water feed line. Treat all of the water all of the time

Triangularwave Deposit Control Systems Save Water, Sewer, Energy and Chemical Costs.



Scale Thickness (inches)	Increase Energy Consumption (%)
1/32	8.5
1/16	12.4
1/8	25.0
1/4	40.0

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

TWT Side-Stream/Bypass HVAC Industrial Water Treatment Systems.
Chemical-Free Water/Fluid Conditioning and Treatment for the HVAC Industry. (Cooling Towers, Evaporative Condensers and Chillers)

SAVINGS:

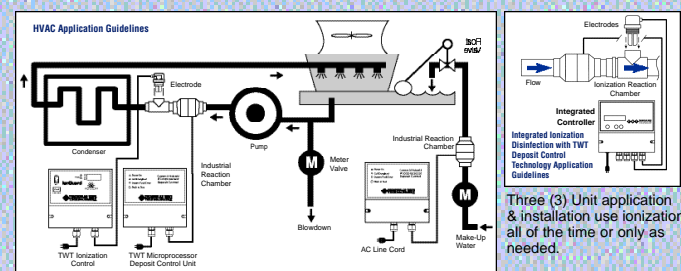
■ **Hard Dollars**-Chemicals, Water & Energy

■ **Soft Dollars**-Materials, Labor, Time & Safety

■ **Lifecycle Savings**-Typically Many Times the Cost of the TWT System

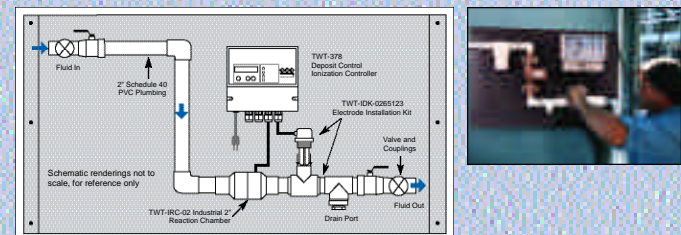
- Control and prevent scaling, corrosion and bio-fouling in heating and cooling systems.
- The TWT Bypass Fluid Treatment System can be installed using stand-alone products and/or as a fully integrated factory-assembled & mounted treatment system, combining filtration, patented TWT Deposit Control and IonGuard purification technologies. The System is designed to provide a practical answer to large pipe diameter and recirculating fluid treatment problems. The Bypass system offers a much sought after solution at an economical price. Enhancing water quality, improving operating efficiency and equipment life cycle.

A-Using (Illustration) TWT technology as stand-alone components and/or with Ionization, In-line.



Three (3) Unit application & installation use ionization all of the time or only as needed.

B-Using (illustration) TWT side-stream/bypass HVAC treatment unit (Use all of the time and/or only when needed).



In general, Installation of the unit should follow five steps.

- 1- Mounting of the unit on the appropriate support structure
- 2- Installation of connecting piping (based on pipe size of supplied equipment) that will allow the redirection of water from the water (sump) system, transport the water to the bypass/side stream unit and return the water to the water (sump) system. Recirculation the water as recommended.
- 3- Connecting the bypass treatment unit to the connecting piping.
- 4- Connecting the bypass treatment unit to the remote (timer) control unit.
- 5- Connecting the bypass treatment unit to the electrical power supply.

Please Note:

System engineering design, weight, size and system component assembly may vary based on TWT engineering review, water conditions, application, industry and/or customer specific needs.

Pumps, piping and other related materials to and from units, customer's responsibility. When using the TWT bypass system and if not installing TWT deposit control technology as recommended by TWT, Inc. in-line, it is suggested to install a deposit control unit on the make-up water feed line. The combined treatment approach will provide end-to-end conditioning all of the time.

TWT, Inc. provides product, system and technical support, before, during and after all sales and installations.

In Effect, a clean, corrosion-free delivery system is restored and maintained in an environmentally safe and Chemical-Free manner. The result is clean pipes, tubing and equipment with NO bio-film and/or bacterial contamination.

Protection For New Equipment
Provides new equipment with the ability to enhance it's features a benefits

Treatment For Existing Equipment

Retrofit existing equipment to improve its operating efficiency and life cycle



MADE IN U.S.A. ISO Certified Facility

DISTRIBUTED BY



Chemical-Free Water Treatment