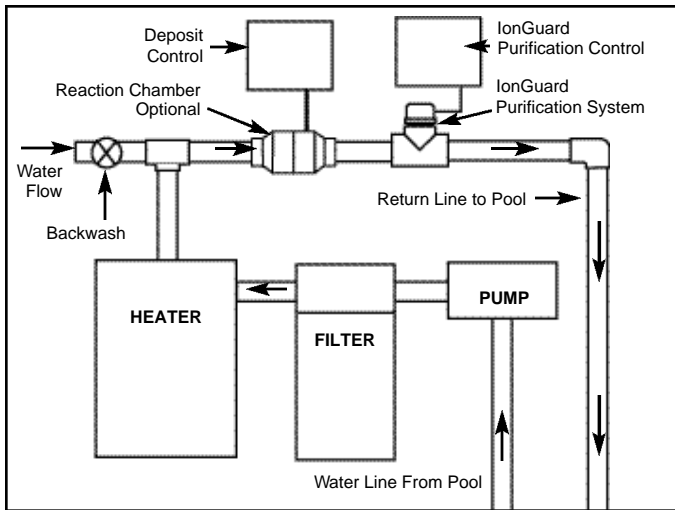
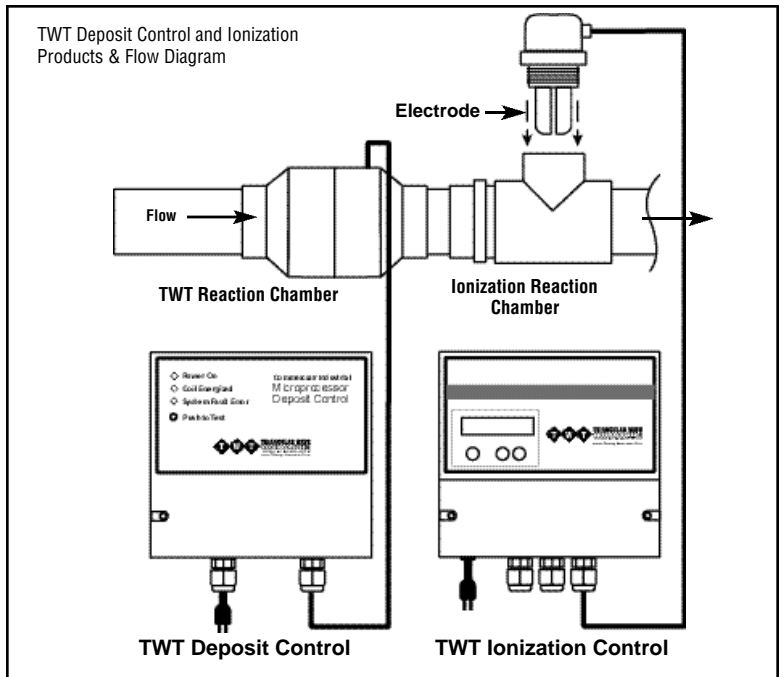
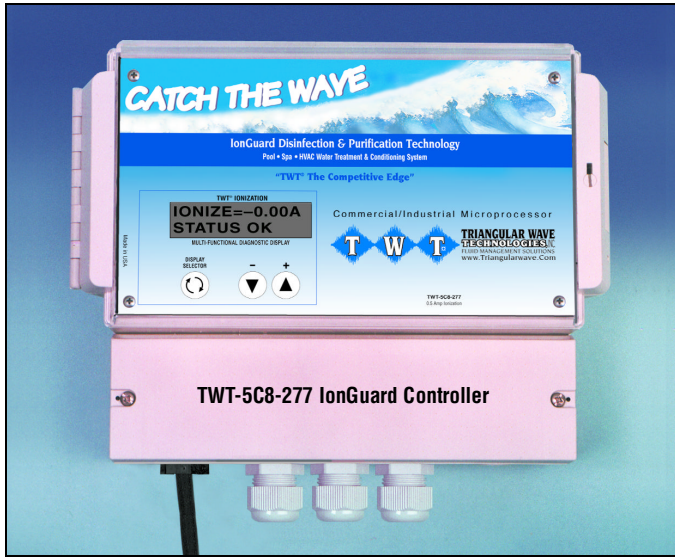


Triangular Wave Technologies IonGuard Ionization System

Recommended Product Use Configuration & Application Guidelines



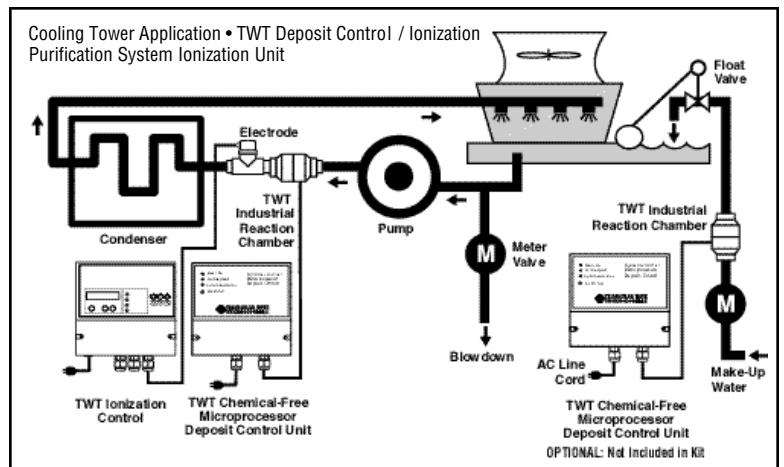
Typical installation overview of pool/spa equipment room product application



TWT Deposit Control & IonGuard Treatment Systems

IONGUARD TECHNICAL SYSTEM DATA						
TWT-5C8-277: 0.5 AMP control unit (standard application) Ionization/Disinfection System for the control of Algae/Bacteria.						
Height	Width	depth	Voltage	Amperage	Electrode Size	
8.5"	11.5"	6.0"	120 vac	0.5	up to 6-inch	
TWT-5C8-278: 1.0 AMP control unit (high volume application) Ionization/Disinfection System for the control of Algae/Bacteria.						
Height	Width	depth	Voltage	Amperage	Electrode Size	
8.5"	11.5"	6.0"	120 vac	1.0	up to 6-inch	
See catalog for system sizing, component assembly, and other technical information						
TWT Deposit Controllers, Reaction Chambers, IonGuard Controllers & Electrode Installation Kits Sold Separately						

Treat your algae, bacteria, scaling, deposit, corrosion and oxidation problems with efficient, environmentally-friendly **Triangular Wave Technologies Chemical-Free Cooling Tower and/or Pool Management Systems.**



The TWT Deposit Control System will keep the IonGuard System electrodes free of scale and other deposits for more effective results. At the same time, the Deposit Control System will help eliminate scale and biofilm deposits throughout the entire fluid based system.



Triangular Wave Technologies Enhanced Control Pool & Spa Management System



Sparkling Clear Algae-Free Water Without Chemicals

Pool & Spa Applications

Pool and Spa Integrated Systems— Apply all the needed elements for maximum Pool and Spa management in one simple packaged solution. TWT IonGuard Purification, TWT Micro-processor Deposit Controller, and TWT Industrial Reaction Chamber units are combined to provide a start-to-finish answer to simplified pool and spa management. TWT solutions are scalable to fit the volume you need - ask us to specify the system that works best for you!

TECHNICAL DATA

Model # TWT-5C8-401							
Height	Width	Depth	Voltage	Amperage	Signal Frequency	Pipe Size Range	Coil Length
7.75"	6.5"	4.5"	120 vac	less than 1 Amp	2-7 KHz	up to 1 1/2"	*4"
Coil Wire Gauge UL 1007 AWG#20							
*Wire Kit 100 Ft. The soleniod is wound in two overlapping layers, approx. 60 turnd per layer							

Also in sizes 4", 6" and 8".

Triangular Wave Technologies Patented IonGuard Ionization and Purification Accessories



TWT-IDK-0258457
ID Electrode Installation Kit
3" Electrode /2" PVC Tee/2" Tee-Cap and
Conduit Normal Conductivity-TDS
Conduit Length 10 feet

TWT-IDK-0264123
ID Electrode Installation Kit
6" Electrode /3" PVC Tee/3" T-Cap
and Conduit Low Conductivity-TDS
Conduit Length 10 feet

TWT-IDK-026532
ID Electrode Installation Kit
6" Electrode /4" PVC Tee/4" T-Cap
and Conduit Conduit Length 10 feet



TWT-IRE-0262
6" Replacement
Electrodes



TWT-RE-0255
3" Replacement Electrodes

Custom Orders: Multiple units may be used for larger pools. All systems may be customized.

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



Triangular Wave Technologies, Inc. Fluid Management Solutions HARD WATER PROBLEMS SOLVED EASILY

Triangular Wave 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.

Specializing in:

- Chemical-Free Deposit Control Products & Systems • Improving Operating Efficiency & Life Cycle of Equipment • Control Scale Deposits/Bacteria/Corrosion/Algae and Colloids in Pipes, Fixtures and Equipment • Ultraviolet Disinfection Systems/Ionization Purification Systems
- Pre & Post Water Filtration Products • Custom System Design & Integration To Create Solutions For Your Own Industry-Specific Situation • Value Added & Retrofit Programs
 - Economical & Cost Effective • Energy & Water Savings

Applications:

Commercial • Industrial • Residential

- Cooling Towers • Heat Exchangers • Condensers & Chillers • Food Processing Equipment
 - Swimming Pools & Spas • Manufacturing Processing Equipment • Boilers/Water Heaters
 - Spray Systems • Small Water-Fed Appliances • Residential/Office Plumbing
 - Medical/Dental Laboratory • Agriculture • Laundry • Car Wash
- And All Other Water And Fluid-Based Industries

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.

Water And Energy Savings / Cost Effective

Bringing You the Best in Fluid Management Solutions



Email: info@triangularwave.com • triwaveinc@aol.com
Websites: www.triangularwave.com • www.twtwatertreatment.com

