

Triangularwave Technologies, Inc. (TWT®)

# **EXPLORE INNOVATIVE SOLUTIONS IN FLUID MANAGEMENT**

**TWT® Offers A Bold Series Of Chemical-Free Products & Systems Designed To Meet The Demanding Challenge In Fluid Management Technologically Advanced Methods for Water & Fluid Treatment Providing Comprehensive End-To-End Solutions Meeting The Needs Of Any Industry And Application**

## **“The Competitive Edge”**

**Specializing in:**

**Chemical-Free Deposit Control Technology**

**Control Scale Deposits / Bacteria / Corrosion / Algae and Colloids in Pipes, Fixtures and Equipment**

**Ultraviolet and/or Ozone Disinfection**

**Ionization Purification • Pre & Post Filtration**

**Custom System Design & Integration  
To Create Solutions For Your Own Industry-Specific Situation**

**Improving Operating Efficiency & Life Cycle of Equipment**

**Value Added Programs**

**Economical & Cost Effective • Energy & Water Savings**

**All-In-One Integrated Fluid/Water  
Treatment & Conditioning**



IN PARTNERS WITH

Email: [info@triangularwave.com](mailto:info@triangularwave.com) • [triwaveinc@aol.com](mailto:triwaveinc@aol.com) • website: [www.Triangularwave.com](http://www.Triangularwave.com)

TWT® 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 GPM requirements and to any industry, site or application.

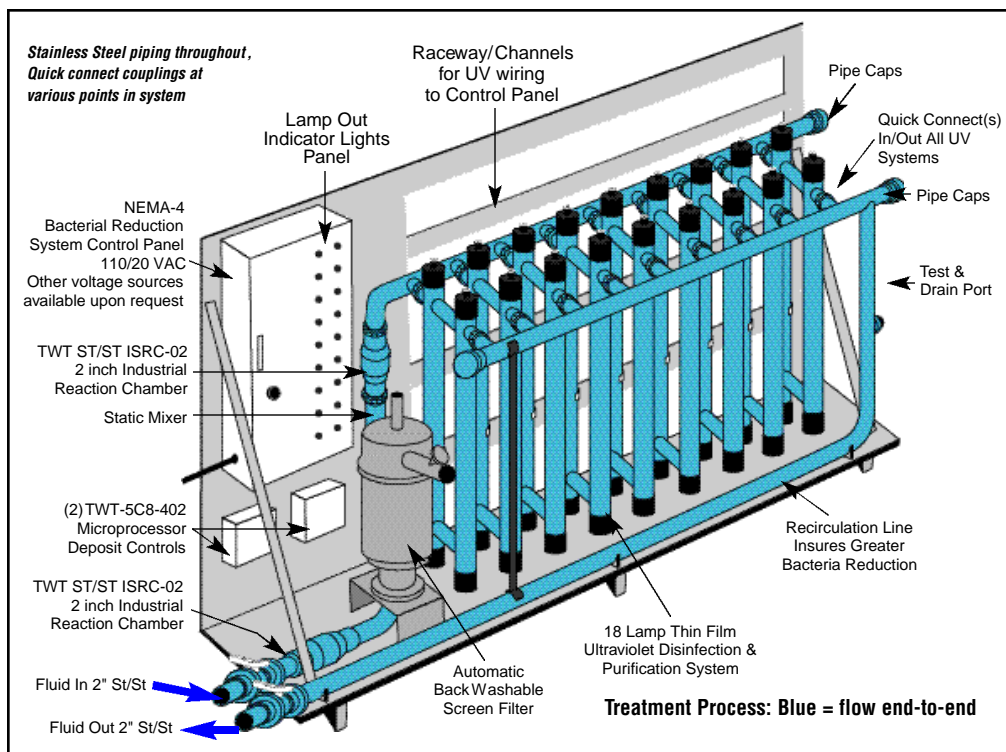
TWT systems work to consistently deliver high quality fluid/water, reduce scale and bio-fouling in plumbing systems, and to increase efficiency of both once-through and re-circulating HVAC, process cooling, agriculture, industrial processing, waste water and other fluid based systems. Each product line offers a variety of both stand-alone and comprehensive treatment solutions for end-to-end fluid management, for all types of applications.

TWT has extensive design, engineering, manufacturing, consulting and training ability to work with customers worldwide, and to use its products and/or systems in whole or component form, as a component assembly, or as an accessory to their primary product. Take advantage of our outstanding manufacturing and marketing expertise.

Let TWT custom design a product and/or system to meet your specific application, system integration, and/or retro-fit program needs.

Example: First phase concept rendering submitted to a major US customer, that has been custom designed to meet specific application, integration and treatment requirements.

Problem: Bacteria control for machine tool coolant systems



### Point-of-Use Multi-Process Fluid Treatment & Conditioning Bacterial Reduction System (Designed Flow Upto 60 GPM)

- Filtration
  - TWT® Deposit Control Technology
  - Ultraviolet Disinfection & Purification (Recirculation System)
- Combined for Maximum Effectiveness  
**60 GPM System**

This technologically advanced treatment method guarantees reduced bacterial load in the fluid/water solution, this ensures a cleaner, safer product for processing and/or consumption. Applications include all types of liquid processing requiring bacterial reduction.

Approx Size: 90"W X 62"H X 24"D  
Weight TBD ( may vary according to custom design requirements )

Concept drawing not to scale, for reference only. System engineering, design, weight, size and system component assembly may vary.

*At TWT, Inc. our unique capabilities and custom design expertise have and continue to successfully solve a wide variety of problems for a wide variety of customers world wide ( Commercial • Industrial • Residential ).*

- FROM IDEAS TO FINAL PRODUCTION
- EFFICIENT ENGINEERING DESIGN TEAM
- STATE-OF-THE-ART PRODUCTION EQUIPMENT AND FACILITY TO MEET THE EVER CHALLENGING PRODUCTION REQUIREMENTS
- TECHNICAL AND TEST DEPARTMENT WITH OUTSTANDING QUALITY CONTROL GUARANTEED
- COST EFFECTIVE AND DELIVERED ON TIME
- IN ORDER TO ENSURE THE GREATEST LEVEL OF PERFORMANCE AND SATISFACTION WORKING WITH TWT PRODUCTS AND SYSTEMS, WE RECOMMEND THAT YOU CONTACT OUR ENGINEERING STAFF, WHO WILL BE PLEASED TO WORK CLOSELY WITH YOU TO DETERMINE THE OPTIMAL TREATMENT REQUIREMENTS, INSTALLATION AND APPLICATION FOR YOUR INDUSTRY SPECIFIC PROJECT.

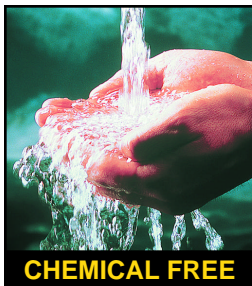
TWT® water treatment systems are ruggedly constructed for exceptional performance. The rugged self-contained design of these systems are ideally suited for Wells, Homes, Offices, Factories, Farms, Medical/Dental & Laboratory Environments, Hospitals, Restaurants, Schools and anywhere the need for cleaner water to use and drink is required.



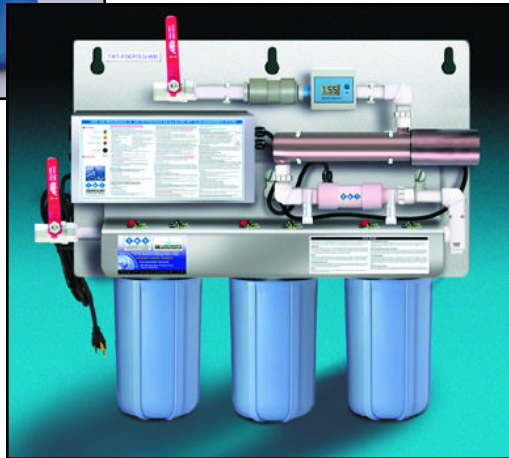
### Control Scale and Biological Deposits in Fluid Based Process Equipment, Cottages, Mobile Homes, RV's, Boats & More.

#### TWT-POUE-400 1-2 GPM Integrated Treatment System

- Multi-Staged Filtration
  - Patented Deposit Control Technology
- Approx Size 26"L X 20"H X 10"D • Approx weight 40 lbs. (will vary based on filters used)



**CHEMICAL FREE**



### All-In-One Integrated System

TWT POEPOUV-600 Systems Provides:

- Enhance water quality, and improve life cycle.
- Protects plumbing equipment & appliances
- Environmentally Friendly

#### TWT-POEPOUV-600 1-2 GPM Integrated Treatment System

Filtration • Water Softening • Patented Deposit Control Technology  
Ultra Violet Purification  
Approx Weight & Size: 26" W X 24" H X 10"D Approx • 50 lbs.  
(will vary based on filters used)

### Factory Assembled & Mounted Fluid Management System

*These fluid management systems are compact, self-contained, wall-mounted unit for the treatment of water.*

Applies all the needed elements for maximum fluid protection, management, and peace of mind in one simple packaged solution. Technologically advanced method for water & fluid management. Filtration, TWT® Microprocessor Deposit Controller, Reaction Chamber, and UV Disinfection / Purification units are combined to provide a start-to-finish answer to simplified prevention, treatment and management of water line contamination dangers. TWT® solutions are scalable to fit the gpm's and water conditions you need.



TWT-MD-1003  
3-Stage Filtration  
Patented Deposit Control Technology  
UV Disinfection/ Purification  
**8 GPM System**

Approx Size & Weight:  
37"W X 45"H X 8"D • 67 lbs.



TWT-MD-1006 • 3-Stage Filtration  
Patented Deposit Control Technology  
UV Disinfection/ Purification 30 GPM System  
Approx Size & Weight: 58"W X 49"H X 8"D • 141 lbs.

# Integrated All-In-One Water/Fluid Treatment & Conditioning Systems

50 GPM Point-Of-Entry/Point-Of-Use Treatment System

100 GPM Systems Available Upon Request

TWT® water treatment systems are ruggedly constructed for exceptional performance. The rugged self-contained design of these systems are ideally suited for Wells, Homes, Offices, Factories, Farms, Medical/Dental & Laboratory Environments, Hospitals, Restaurants, Schools and anywhere the need for cleaner water to use and drink is required.



TWT-SMD-1007 • 2-Stage Filtration  
Patented Deposit Control Technology  
UV Disinfection/ Purification **50 GPM System**  
Approx Size: 68"W X 52"H X 30"D  
Weight TBD (may vary according to custom design)



TWT-SMD-1007+1 • 3-Stage Filtration  
Patented Deposit Control Technology  
UV Disinfection/ Purification **50 GPM System**

These fluid management systems are compact, self-contained, skid-mounted units for the treatment of water. Staged filtration, filter housings & media are configured and integrated according to water conditions and industry specific requirements

**Factory Assembled Skid Mounted,  
Fork Lift/Fluid Management  
Treatment System**



TWT-SMD-1007+2 • 4-Stage Filtration • Patented Deposit Control Technology  
UV Disinfection/ Purification **50 GPM System**

# TWT-SMD-200+4 Integrated Water/Fluid Treatment & Conditioning Systems

Point-Of-Entry/Point-Of-Use Treatment System

## Factory Assembled Skid Mounted, Fork Lift/Fluid Management (200 GPM) Treatment System

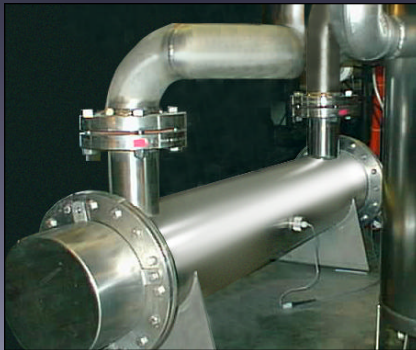
This fluid management system is a compact, self-contained, skid-mounted unit for the treatment of fluid/water.

Applies all the needed elements for maximum fluid protection, management, and peace of mind in one simple packaged solution. Technologically advanced method for water & fluid management, Staged Filtration, TWT® Microprocessor Deposit Controller, Reaction Chamber, and UV Disinfection/Purification units are combined to provide a start-to-finish answer to simplified prevention, treatment and management of fluid/water line contamination dangers.

Approx Size & Weight: 84"W X 72"H X 60"D, 800 lbs.  
(may vary according to custom design)

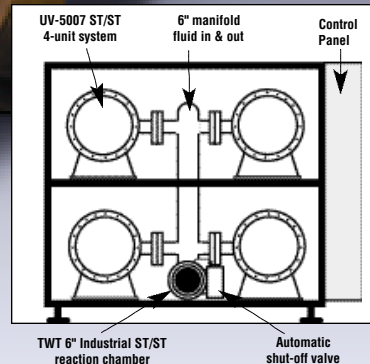


## High Volume Potable and Waste Water Disinfection & Purification System (Stand alone and/or integrated)



TWT-UV5007—Seven (7) Lamp Unit

**Transportable Fork Lift Skid-Mounted System**  
**TWT-CSMS-G4T-406-5007 • 700/1200 GPM Treatment System**  
 Unit Dimensions Approximate: 48" W x 65" D x 55" H  
 700/1200 (GPM) UV Disinfection/Purification Treatment System  
 One (1) TWT-5C8-406 Deposit Control System  
 Four (4) TWT-UV-5007 Disinfection/Purification Systems  
 Efficiency: Expected 3 Log Reduction (99.9) for processing & drinking water  
 Expected 1–2 Log Reduction for waste water applications



# No Matter How Tough The Job...TWT® Is The Solution!

Point-Of-Entry/Point-Of-Use Treatment System

## SAFE WATER ANYWHERE...ANY TIME!

### Transportable Water Treatment Systems

- Military Camps • Disaster Relief • Nursing Homes • Hospitals • Schools
- Refugee Camps • Emergency Preparedness • Cholera Epidemics
- Remote Construction Projects • Small Community Systems
- Environmental Clean-Up Sites
- Other Commercial & Industrial Applications Requiring High-Quality, Safe Drinking Water

TWT-UV60 • Staged Filtration • Patented Deposit Control Technology  
UV Disinfection/ Purification **60 GPM System**  
Skid size is approximately 48" x 66"  
*Also available in 20, 40 and 200 GPM*



## Technologically Advanced Fluid Treatment Method for the Meat, Poultry and Other Related Processing Industries.

The TWT-BRS73 Bacterial Reduction System is designed to provide a safe and efficient way to effectively remove bacteria from liquids used in the meat and poultry processing industry. Factory Assembled & Enclosed Unit Able to Treat Up To 1500 Gallons Per Hour—High Efficiency Fluid Treatment System

The TWT-BRS73 Bacterial Reduction System

- Staged Filtration • Patented Deposit Control Technology
- UV Disinfection/ Purification
- Central Station: Multiple Injector Lines POE – Single Injector Line POU
- Approx Size & Weight: 110"W X 75"H X 40"D • 1500 lbs.



The Triangular Wave Technologies team consists of a diverse group of bright individuals with years of experience, who combine their talents as a team, revolutionizing the way fluid management products & systems are designed, distributed and installed. Our unique capabilities and design expertise have successfully solved a wide variety of problems for a wide variety of customers world wide.

In order to ensure the greatest level of performance and satisfaction in your work with the TWT products & systems, we recommend that you contact our engineering staff, who will be pleased to work closely with you to determine the optimal application and installation for your industry specific needs.

Contact TWT today (info@Triangularwave.com) for information on what TWT system will meet your specific application needs and/or visit Triangular Wave Technologies, Inc.

Comprehensive Website. The Valuable Technical Resource For All Involved In Water And Fluid Management. [WWW.Triangularwave.com](http://WWW.Triangularwave.com)

*We sincerely thank you for your time and interest in our products, and look forward to being a valued part of your operation.*

## Bringing You The Best in Fluid Management Solutions.



IN PARTNERS WITH

Email: info@triangularwave.com • triwaveinc@aol.com • website: www.Triangularwave.com