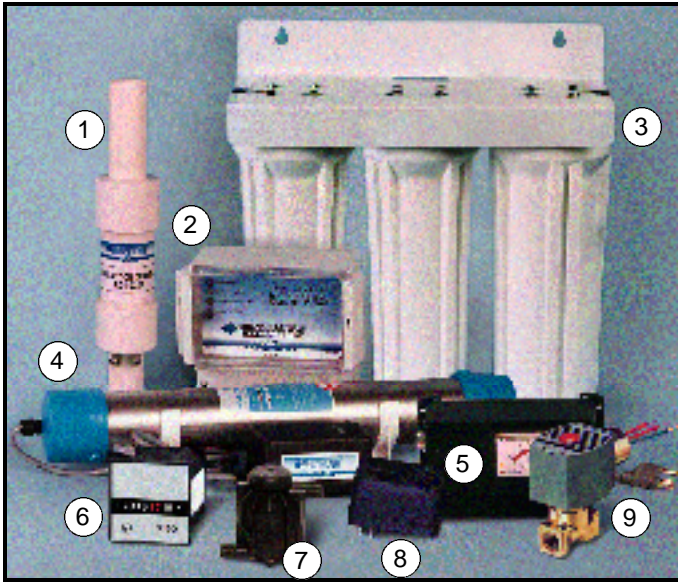


Triangular Wave Technologies

Medical/Dental/Laboratory/Home/Office/Farm and Factory

All-In-One Deposit Control & Purification System



Products pictured above for identity only, not all system components included

System Components:*

1. TWT Reaction Chamber
2. TWT Deposit Controller
3. TWT Filters
4. TWT Ultraviolet Disinfection

Optional Upgrades:

5. TWT UV Monitor
6. TWT UV Hour Meter
7. TWT-MV-Filter Meter
8. TWT UV Alarm
9. TWT Solenoid Shut-off Valve

Easy Maintenance

UV Replacement Lamps: Generally lamps should be replaced every 10 to 12 months, depending on water quality and conditions.

TWT Replacement Filters Cartridges: Replace filters when needed, generally twice a year, depending on water quality and conditions.

*System components may change for specific models

The Triangular Wave Fluid Management System uses state-of-the-art filtration, advanced electronic deposit control and ultraviolet disinfection technology to treat water in medical, dental, laboratory, home, office, farm and factory environments.

This fluid management system is a compact, self-contained, wall mounted unit. The treatment mechanisms consist of:

TWT Water Filtration Subsystems

The water is filtered to remove lingering sediments, chlorine, heavy metals and organic carbon compounds. The filtering process features a sediment filter, the dual filter media of patented KDF 55 and Granular Activated Carbon and a final Carbon Block Filter.

TWT-5C8-401 Deposit Control and Reaction Chamber

Deposit Control and Reaction Chamber Subsystem prevents scale and biofilm deposits from forming on the water system components and surfaces. It conditions the water before it enters the waterlines feeding the equipment and instruments: The bacteria and scale particles in the water remain suspended and unable to attach to the waterline walls or medical, dental and laboratory instruments.

TWT-UV-700 Ultraviolet Disinfection System

The TWT-UV-700 sterilizer is ideally sized to provide safe, disease and pathogen-free water at point-of-entry. The effective kill rate of microorganisms, including bacteria and viruses is 99.9%. No chemicals are added and the pH balance of the water is unchanged. TWT sterilizers operate continuously, automatically, and are inexpensive to run. Source water does not require heating or cooling prior to sterilization. TWT sterilizers are easy to install and only require lamp replacement every 10 to 12 months. This is a simple ten minute procedure. **Rated Flow: 30 Liters per minute / 8 Gallons per minute**

Note: Above systems are fully integrated and factory assembled and mounted, offering end to end fluid management and treatment solutions, systems are designed for installation on pipes 1-inch or less



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Pre 20 Micron Filtration Sediment Filter

A TWT sediment filtration device effectively removes *sediment and water-borne pollutants ranging from herbicides and pesticides to iron and manganese.*

Pre Dual Media KDF / GAC Filter

Features dual media KDF-55 and Granular Activated Carbon. Designed to remove *chlorine, lead, volatile organic chemicals, hydrogen sulfide, sulphur, herbicides, pesticides and trihalomethanes.*

And a Final Carbon Block & Sediment Filter

Final stage filtration for complete end-to-end protection.

Factory Assembled & Mounted Fluid Management Systems

Applies all the needed elements for maximum fluid protection, management, and peace of mind in one simple packaged solution. State-of-the-art TWT Filtration, Microprocessor Deposit Controller, Reaction Chamber, and UV Disinfection 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 volume you need-ask us to specify the system that works best for you!

Optional Upgrades upon request for units TWT-MD-1003***

TWT-MV Meter Valve – factory only upgrade****

Provides an automatic signal and shut off when it is time to reset and/or change the filters.

TWT-UV-Monitor lamp Output / TWT-UV-AA Alarm / TWT-UV-Hour Meter***

Monitoring system "heads up" warning that the UV lamp is due for replacement.

TWT-SV Solenoid Shut-Off Valve***

The Solenoid Shut-Off Valve is a backflow cutoff for use as a safety measure in the event of a system shutdown. Its use is strongly recommended for the medical and dental environments, and anywhere else that the highest degree of disinfection protection is required.

***Factory only upgrade - specify at time of purchase only



TWT-MD-1003

Rendering of Triangular Wave Technologies Fluid Management System. System consists of a Deposit Controller TWT-5C8-401 • TWT Reaction Chamber • UV-700 Disinfection System • TWT-MUC Filtration System

Specifications: Factory assembled and mounted 40" H x 26.5" W x 8" D • Weight: approx. 40 lbs.

Please Note: System engineering design, weight and system component assembly may vary based on application and industry specific needs

Triangular Wave Technologies, Inc. is dedicated to complete fluid management solutions, utilizing state-of-the-art technology and products. All components of our systems are selected and assembled to conform with universally recognized design standards for electrical, plumbing and environmental needs. Long term performance is ensured by our strict Quality Control methods.

Note: Optional upgrade request from owner/operator

Optional automatic monitoring upgrades are designed to stop water flow through the system when treatment functionality is interrupted, e.g. when UV lamp is burned out, as when filters need to be cleaned or replaced. It is the responsibility of the owner/operator to perform proper maintenance procedures at all times, including periodic visual inspection of equipment status indicators. TWT Inc. or its agents shall not be held liable or responsible in any way for any events and/or complications that may arise from shut off of water flow and/or, from any conditions that may arise from lack of adherence by owner/operator to proper maintenance procedures for the system.

***TWT Inc. recommends that an initial supply of replacement products e.g., replacement filters, UV lamps etc. be stored at owners facility at all times, that will insure uninterrupted service and treatment .**

****Shut off valves owner/plumber installation**