

WHAT IS IN OUR WATER?

IS YOUR WATER SAFE ENOUGH TO DRINK?



AT OFFICE
& FACTORY



IN RESTAURANTS



ON THE FARM



IN LABORATORY, MEDICAL
& DENTAL ENVIRONMENTS



AT HOME



NEW! The All-In-One Potable Water
Protection TWT-MD-1001/1002/1003

ARE YOU PREPARED?

Do You Have An Effective Water Treatment System?

DEPOSIT CONTROL • FILTRATION • DISINFECTION • PURIFICATION

TRIANGULAR WAVE TECHNOLOGIES FLUID MANAGEMENT SYSTEMS

YOUR VERSATILE FLUID MANAGEMENT SYSTEMS TO EFFECTIVELY MEET THE NEEDS OF
ANY APPLICATION RESIDENTIAL, COMMERCIAL & INDUSTRIAL. CONTROL SCALE
DEPOSITS • BACTERIA • CORROSION • ALGAE • COLLOIDS IN A VARIETY OF FLUID SYSTEMS

YOUR CHEMICAL-FREE, SIMPLE AND SAFE SOLUTION



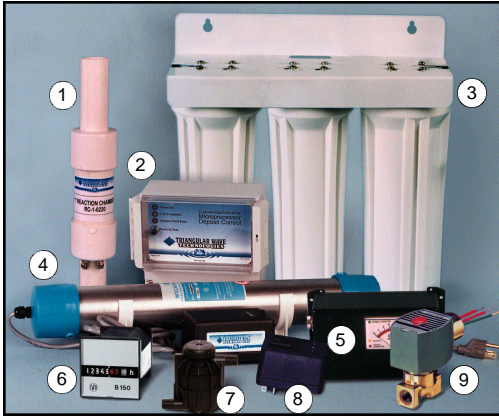
TRIANGULAR WAVE
TECHNOLOGIES, INC.
FLUID MANAGEMENT SOLUTIONS
www.triangularwave.com

Triangular Wave Technologies Home, Office, Farm and Factory All-In-One Deposit Control & Purification System

This unique fluid management system is a compact, self-contained, wall-mounted unit for the safe, chemical-free treatment of water in the home, office, farm & small factory environments.

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 Control, Reaction Chamber, and UV Disinfection components combine 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!



Components*

1. TWT Reaction Chamber
 2. TWT Deposit Controller
 3. TWT Filters
 4. Ultraviolet
- Optional Upgrades.**
5. UV Monitor
 6. TWT UV Hour Meter
 7. TWT-MV-Filter Meter
 8. TWT UV Alarm
 9. TWT Solenoid Shut-off Valve

See schematic diagrams on right for specific models

*System components may change for specific models

Specifications

Model TWT-5C8-Series Deposit Controllers

Residential/Commercial Deposit Control System with Reaction Chamber

TWT-RC-1-0221 Reaction Chamber

Factory wrapped 1 inch PVC pipe Solenoid Reaction Chamber for use with Microprocessor Deposit Control System.

TWT-MUC-102

Double Unit Water Filter System • Filtering capacity: 7,500 gal.

TWT-MUC-103

Triple Unit Water Filter System • Filtering capacity: 7,500 gal.

TWT-UV-4

Rated Flow: 3.75 Liters per minute / 1 Gallon per minute • U.V. Dose @ Rated Flow: 29,500 mw/sec/cm2
 Maximum Flow: 5.8 Liters per minute • U.V. Dose @ Maximum Flow: 18,500 mw/sec/cm2
 • Power Consumption: 12 Watt • Maximum Operating Temperature: 37C Maximum Operating Pressure: 100 psi - 7 Bar • Plumbing: 1/4" N.P.T. In-Out • Body: 316 Stainless Steel

TWT-UV-700

Rated Flow: 30 Liters per minute / 8 Gallons per minute / U.V. Dose @ Maximum Flow: / 21,400 mw/sec/cm2
 Electrical Supply: 120V/60Hz / 3 Amp / 240V/50Hz / 2 Amp / Power Consumption: 36 Watt / Maximum Operating Temperature: 37C (98.6F) / Maximum Operating Pressure: 125 psi - 8 Bar / Plumbing: 3/4" N.P.T. In-Out / Size: 38" x 6" x 3" (97 cm x 15cm x 7.5cm) Weight: 8 lbs (3.5 kg) / Body: 316 Stainless Steel

TWT-UV-250

Rated Flow: 16 Liters per minute / 4 Gallons per minute • U.V. Dose @ Rated Flow: 31,500 mw/sec/cm2
 Maximum Flow: 22 liters per minute / 5 Gallons per minute • U.V. Dose @ Maximum Flow: 22,500 mw/sec/cm2
 • Power Consumption: 72 Watt • Maximum Operating Temperature: 37C (98.6F) • Maximum Operating Pressure: 100psi - 7 Bar • Plumbing: N.P.T. • Body: 316 Stainless Steel

Optional Upgrades upon request for units TWT-MD-1001 / 1002 / 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.

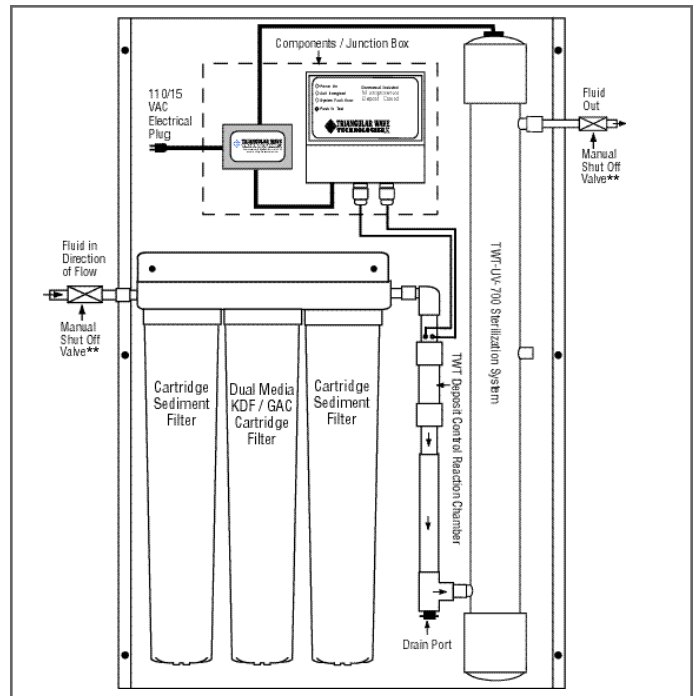
*** Factory only upgrade - specify at time of purchase only

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:

Systems above are fully integrated and factory assembled and mounted, offering end to end fluid management and treatment solutions. Systems are designed for installation on pipe diameters of 1-inch or less.

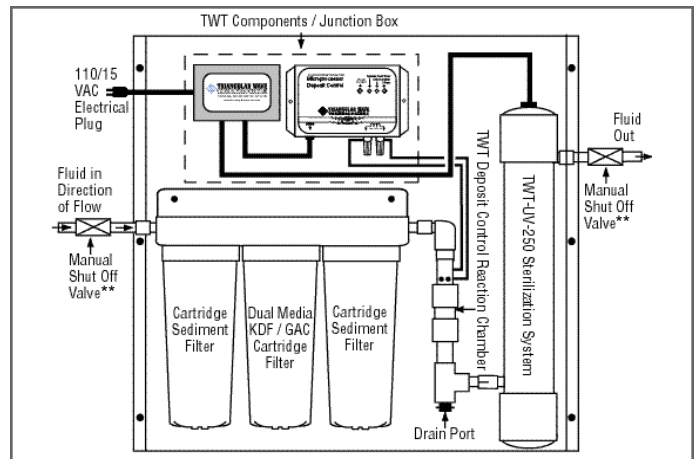
Product assembly may vary based on application & engineering review



TWT-MD-1003 - Large Home and Offices

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

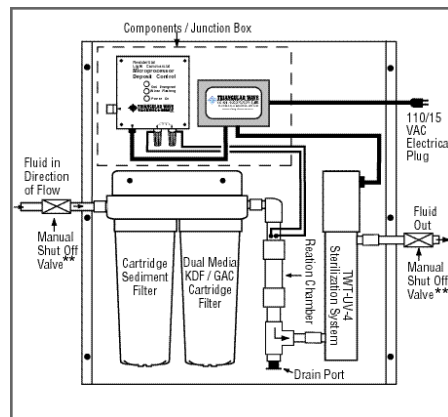
Specifications: Factory assembled and mounted 40" H x 26.5" W x 8" D • Weight approx. 40 lbs.



TWT-MD-1002 - Standard Home and Offices

Triangular Wave Technologies Fluid Management System. System consists of a Deposit Controller TWT-5C8-472 • TWT Reaction Chamber • UV-250 Disinfection System and TWT-MUC Filtration System

Specifications: Factory assembled and mounted 24" H x 26.5" W x 8" D • Weight approx. 30 lbs.



TWT-MD-1001 - Point of use Triangular Wave Technologies Water Fluid Management System. System consists of a...

- Deposit Controller TWT-5C8-471
- TWT Reaction Chamber
- UV-4 Disinfection System
- TWT-MUC Filtration System

Specifications: Factory assembled and mounted 24" H x 22" W x 8" D • Weight approx. 25 lbs.

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

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

DO YOU HAVE AN EFFECTIVE WATER TREATMENT SYSTEM?

Control Scale Deposits/Bacteria Corrosion Algae/Colloids In Your Water-Fed System.

Eliminate the biofilm that serves as a breeding ground for disease – causing bacteria, collecting in your pipes, tubing and equipment.

ATS14

TWT® technologically advanced method for water management. Triangular Wave Technologies, Inc. All-In-One fluid management systems, the ultimate in water treatment & conditioning

TWT® systems are factory engineered and assembled, applying all of the needed elements for maximum fluid protection, management, and peace of mind in one simple packaged solution. 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. ***The TWT All-In-One Fluid management water disinfection/purification systems are unique, compact, self-contained units for the treatment of water.***

Waterlines in the residential, commercial & industrial sectors, ***where clean water is essential***, commonly allow a contaminated interior environment conducive to the growth of bacteria, protozoa, and fungi, which initially arrive in small numbers through wells, and public waterline plumbing systems. Over time, these microorganisms bind to the sides of your water pipes and tubing, and equipment forming biofilm. As water flows through the pipes and tubes, the biofilm sheds microorganisms and bacterial endotoxins into the water, leading to these harmful conditions.

How the TWT All-In-One systems work!

1. Filtration Systems:

Filters are designed to trap various kinds of debris, dirt and organic particles that will otherwise enter your equipment and/or plumbing system, restrict your water flow and create a breeding ground for bacteria. Filtration is the first line of defense for residential, commercial, industrial facilities, where the source of water may be ponds, wells or streams that have high exposure to contamination from airborne pollutants, surface run-off, agricultural or industrial



waste or similar dangers. The first step in achieving clean water is to install a filtration device that effectively removes particulate matter and similar debris. Filtration is an important step in water treatment, especially for water intended for human consumption. Filtration systems provide a bacteriostatic environment and are designed to remove, volatile organic chemicals, hydrogen sulfide and sulfur, herbicides, pesticides, chemical fertilizer residues, trihalomethanes and many other pollutants. The filtration units utilized in TWT systems are comprised of several filter types and media that remove harmful chemicals, metals, and toxins from the water as it passes through these layers. Filters used in staged filter housings

are configured as illustrated on system trade ads. Upon request if needed other filter mediums and filters used in system can be determined by a water quality analysis. If fluid conditions require additional micronic particle trapping for enhanced results, filters are available in various micronic sizes providing flexibility & adaptability to meet the needs of all fluid conditions & applications.

2. Deposit Control

TWT® Patented Deposit Control Technology

The basic component in the TWT systems is the deposit controller. It is comprised of a microprocessor, solenoid coil wrap and/or a reaction chamber. The microprocessor is a patented controller that functions like a computer to relay a continuous electrical power supply to the solenoid coil and/or reaction chamber. The reaction chamber is plumbed into the main water in-take line and/or just before each piece of vital processing equipment, and provides a factory wrapped wire coil forming a solenoid. The solenoid conveys the triangular wave signal at the appropriate power level (as allowed by the model chosen) to the water passing through the chamber. This signal constantly changes the polarity, frequency, and amplitude of the current entering the water. This triangular wave treatment produces several benefits. It increases the capability of

the water to hydrate scale ions and other colloidal particles. In effect, the surface charge of the hydrogen molecules is enhanced and the water is made "wetter". This "hydrated" water can dissolve unwanted particles, suspend them in solution, and allow them to be easily filtered out or flushed from the system. Accordingly, the mineral and biological particles that cause scale, deposits, and corrosion are dissolved and washed away.

This means that the breeding environments for bacteria, such as bio-film and corrosion, are eliminated. The agitation created in the reaction chamber also disrupts the conditions essential for the normal reproduction of bacteria and they die, thus allowing them to be harmlessly flushed out of the system. If left untreated, scale build-up inside the reaction chamber and on the quartz sleeves containing the UV lamps may rapidly diminish the UV disinfection effectiveness by reducing the amount of UV light which is absorbed into the water stream. The TWT Deposit Control System will further condition the treated water stream so as to prevent this scale-build-up inside the UV reaction chamber, helping to maintain maximum UV life cycle and penetration into the water stream. TWT deposit control technology (treated fluid) maintains the ability to control deposits throughout the system with downstream residual value.

3. Disinfection/Purification:

Ultra-Violet:

The UV disinfection technology used in the system to provide safe, potable drinking water, free of disease-causing pathogens. As water passes through the UV chamber, UV light will attack and render harmless any bacterial, viral or spore contamination present in the treated water. "High intensity UV light destroys these contaminants with a 99.9% kill rate" The output water is thus disinfected and offers exceptionally high quality for human consumption.

Triangularwave TWT® Ultra Violet Lamp Protection (cleaning) with Down-Stream Residual Benefits

TWT® Deposit Control Technology • Ultra Violet (UV) Disinfection & Purification Combined for Maximum Effectiveness "The Competitive Edge"

TWT® All-In-One Fluid Treatment Systems:

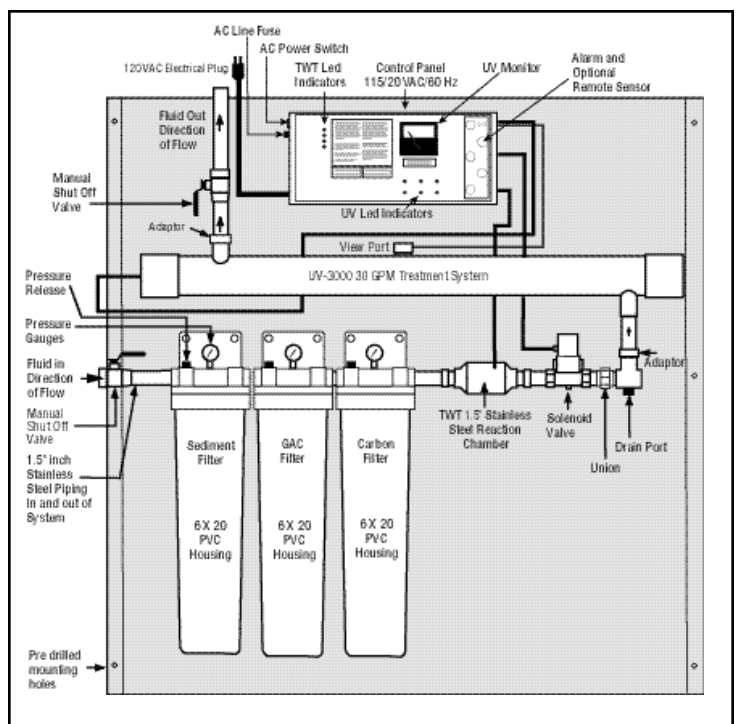
TWT water treatment systems are ruggedly constructed for exceptional performance. These systems are ideally suited for Wells, Homes, Offices, Factories, Farms, Medical/Dental & Laboratory Environments, Hospitals, Restaurants, Schools and anywhere the need for cleaner water to use and drink are required. The rugged self-contained design of these systems ensure that the system will enjoy a long and reliable lifecycle when properly cared for.

TWT offers several systems designed to treat and meet your individual & industry-specific needs.

TWT-MD-1001	2 GPM All-In-One Treatment System
TWT-MD-1002	4 GPM All-In-One Treatment System
TWT-MD-1003	8 GPM All-In-One Treatment System
TWT-MD-1004	12 GPM All-In-One Treatment System
TWT-MD-1005	15 GPM All-In-One Treatment System
TWT-MD-1006	30 GPM All-In-One Treatment System
TWT-SMD-1007*	50 GPM All-In-One Treatment System
TWT-SMD-1008*	100 GPM All-In-One Treatment System

* SMD are skid-mounted systems

Upgrades (GPM): Available upon request



Schematic rendering of TWT-MD-1006 – All-In-One Water Treatment System

Illustration not to scale for reference only

DON'T WAIT...contact us today (info@Triangularwave.com) for the Dealer/Distributor near you and/or for information on what TWT system will meet your specific application needs!



TWT-MD-1001 Fluid Management System

2-Stage Filtration • Deposit Control • 2 GPM UV Disinfection/Purification System

Factory Assembled & Mounted Fluid Management System

This fluid management system is a 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.

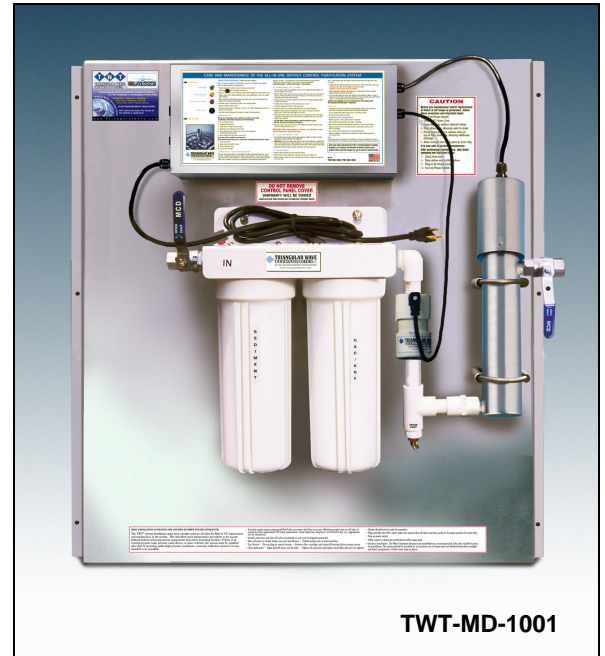
- **Wall mounted water treatment system • Stainless Steel wall mount frame**
- **2-Stage Filtration • TWT® Deposit Control Technology**
- **Ultraviolet Disinfection & Purification**

Specifications:

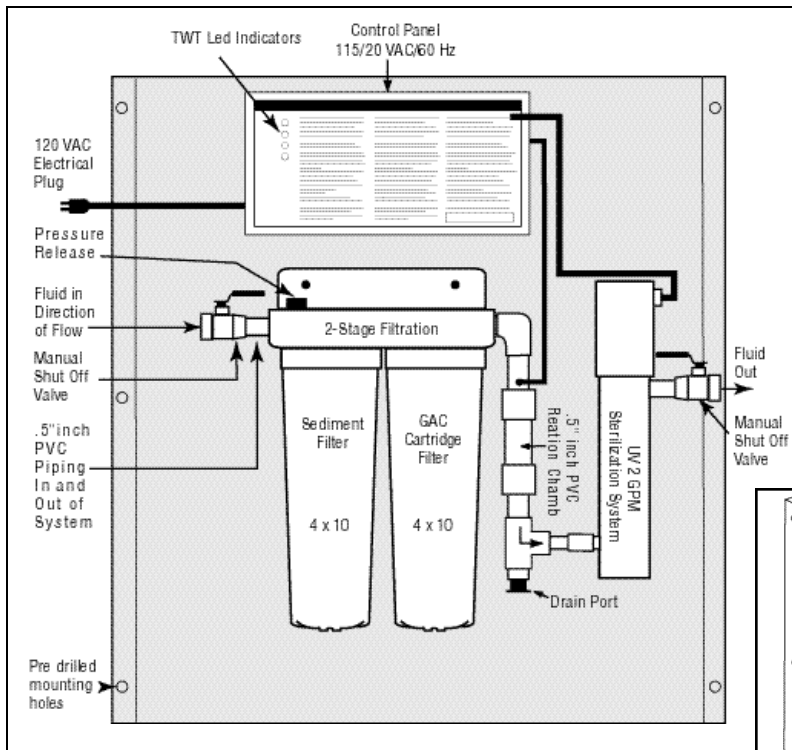
Factory assembled and mounted on stainless steel frame with mounting brackets and/or holes provided, Size: Approx 25"W X 24"H X 8"D • Weight: Approx 35 lbs. (may vary according to custom design requirements). *Filter mediums and micron sizes used in 2-stage filter housings is configured as illustrated. Other filter mediums and **micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT). All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Optional: Stainless steel piping in and out of system available upon request

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



TWT-MD-1001



Optional: Stainless steel frame supports for free standing floor installation. Two needed per system

Please Note:

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

Pumps, piping, fittings, valves, and other material needed to and from system owners responsibility

UV lamp replacement:

To ensure adequate disinfection/purification of water line contamination, replace UV lamps every 10 to 12 months (or sooner depending on water use, quality and conditions).

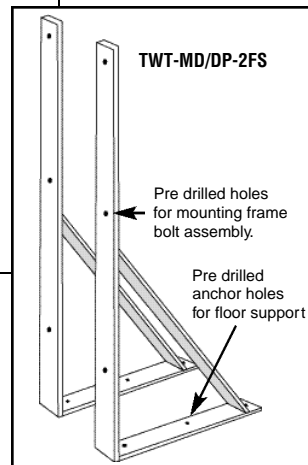
Sediment and Carbon Cartridge Replacement:

Generally twice a year, depending on water use, quality, & conditions.

Note:

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.

Other voltage sources available upon request (must specify)



Installation:

Licensed plumber and/or contractor is recommended

Must have enough room on all sides for filter and UV replacement & maintenance

*Upon request if needed other filter mediums of filters used in system can be determined by a water quality analysis (purchaser responsibility)

**Micronic sizes of filters are generally 10, 20 microns, unless otherwise specified



TWT-MD-1002 Fluid Management System

3-Stage Filtration • Deposit Control • 4 GPM UV Disinfection/Purification System

Factory Assembled & Mounted Fluid Management System

This fluid management system is a 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

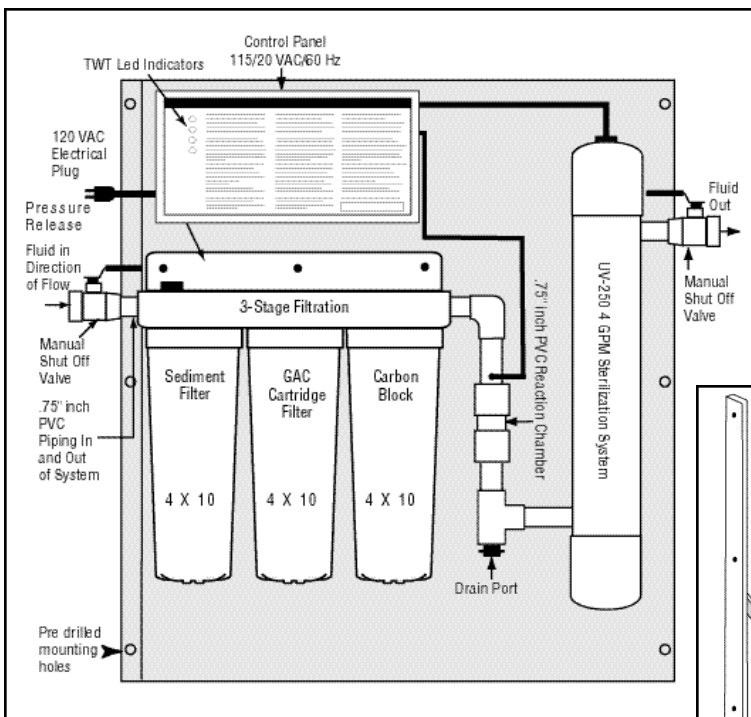
- Wall mounted water treatment system • Stainless Steel wall mount frame
- 3-Stage Filtration • TWT® Deposit Control Technology
- Ultraviolet Disinfection & Purification

Specifications:

Factory assembled and mounted on stainless steel frame with mounting brackets and/or holes provided, Size: Approx 25"W X 24"H X 8", Weight: Approx 49 lbs. (may vary according to custom design requirements). *Filter mediums and micron sizes used in 3-stage filter housings is configured as illustrated. Other filter mediums and**micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT). All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Optional: Stainless steel piping in and out of system available upon request

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



Please Note:

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

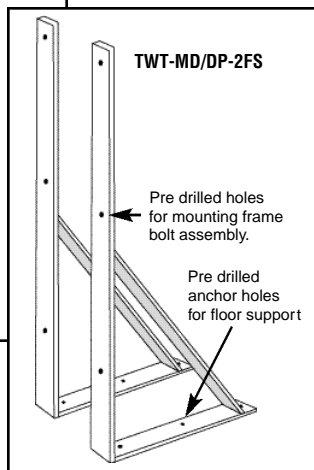
Pumps, piping, fittings, valves, and other material needed to and from system owners responsibility

UV lamp replacement:

To ensure adequate disinfection/ purification of water line contamination, replace UV lamps every 10 to 12 months (or sooner depending on water use, quality and conditions).

Sediment and Carbon Cartridge Replacement:

Generally twice a year, depending on water use, quality, & conditions.



Optional: Stainless steel frame supports for free standing floor installation. Two needed per system

Note:

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.

Other voltage sources available upon request (must specify)

Installation:

Licensed plumber and/or contractor is recommended. Must have enough room on all sides for filter and UV replacement & maintenance

*Upon request if needed other filter mediums of filters used in system can be determined by a water quality analysis (purchaser responsibility)

**Micronic sizes of filters are generally 10, 20 microns, unless otherwise specified



TWT-MD-1003 Fluid Management System

3-Stage Filtration • Deposit Control • 8 GPM UV Disinfection/Purification System

Factory Assembled & Mounted Fluid Management System

This fluid management system is a 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

- **Wall mounted water treatment system**
- **Stainless Steel wall mount frame**
- **3-Stage Filtration**
- **TWT® Deposit Control Technology**
- **Ultraviolet Disinfection & Purification**

Specifications:

Factory assembled and mounted on stainless steel frame with mounting brackets and/or holes provided, Size Approx: 37" W X 45"H X 8"D, Weight: Approx 67 lbs. (may vary according to custom design) *Filter mediums and micron sizes used in 3-stage filter housings is configured as illustrated. Other filter mediums and **micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT). All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Optional: Stainless steel union and piping, in and out of system available upon request

Please Note:

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

Pumps, piping, fittings, valves, and other material needed to and from system owners responsibility

UV lamp replacement: To ensure adequate disinfection/purification of water line contamination, replace UV lamps every 10 to 12 months (or sooner depending on water use, quality and conditions).

Sediment and Carbon Cartridge Replacement: Generally twice a year, depending on water use, quality, & conditions.

Note: 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.

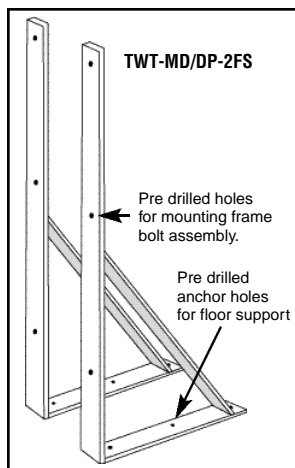
Other voltage sources available upon request (must specify)

Installation:

Licensed plumber and/or contractor is recommended
Must have enough room on all sides for filter and UV replacement & maintenance

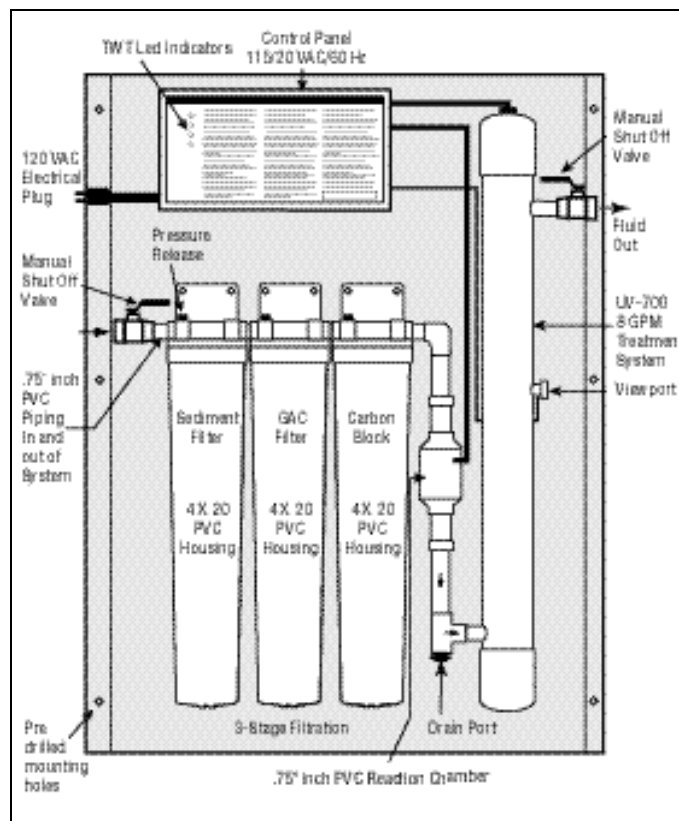
*Upon request if needed other filter mediums of filters used in system can be determined by a water quality analysis (purchaser responsibility)

**Micronic sizes of filters are generally 10, 20 microns, unless otherwise specified



Optional: Stainless steel frame supports for free standing floor installation. Two needed per system.

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



TWT-MD-1004 Fluid Management System

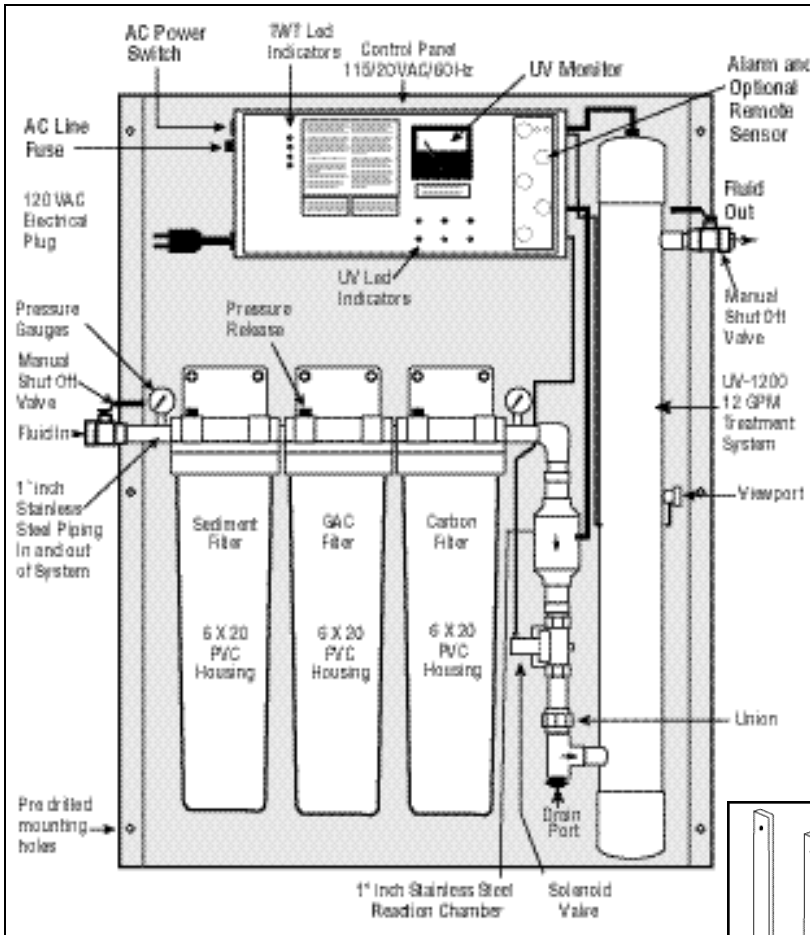
3-Stage Filtration • Deposit Control • 12 GPM UV Disinfection/Purification System

Factory Assembled & Mounted Fluid Management System

This fluid management system is a 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.

- Wall mounted water treatment system
- Stainless Steel wall mount frame
- 3-Stage Filtration
- TWT® Deposit Control Technology
- Ultraviolet Disinfection & Purification



Specifications:

Factory assembled and mounted on stainless steel frame with mounting brackets and/or holes provided, Size Approx. 40"W X 43"H X 8"D, Weight Approx 83 lbs. (may vary according to custom design) *Filter mediums and micron sizes used in 3-stage filter housings is configured as illustrated above. Other filter mediums and **micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT). All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Optional: Remote sensor available upon request

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



TWT-MD-1004

Please Note:

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

Pumps, piping, fittings, valves, and other material needed to and from system owners responsibility

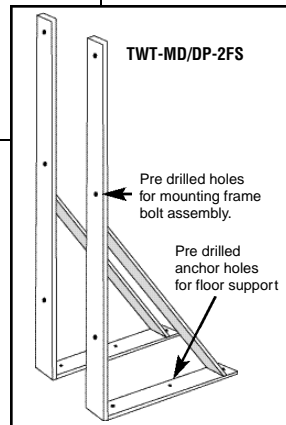
UV lamp replacement: To ensure adequate disinfection/purification of water line contamination, replace UV lamps every 10 to 12 months (or sooner depending on water use, quality and conditions).

Sediment and Carbon Cartridge Replacement: Generally twice a year, depending on water use, quality, & conditions.

Note: 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.

Other voltage sources available upon request (must specify)

Installation: Must have enough room on all sides for filter and UV replacement & maintenance



Optional: Stainless steel frame supports for free standing floor installation. Two needed per system.

Installation:

Licensed plumber and/or contractor is recommended. Must have enough room on all sides for filter and UV replacement & maintenance

*Upon request if needed other filter mediums of filters used in system can be determined by a water quality analysis (purchaser responsibility)

**Micronic sizes of filters are generally 10, 20 microns, unless otherwise specified



TWT-MD-1005 Fluid Management System

3-Stage Filtration • Deposit Control • 15 GPM UV Disinfection/Purification System

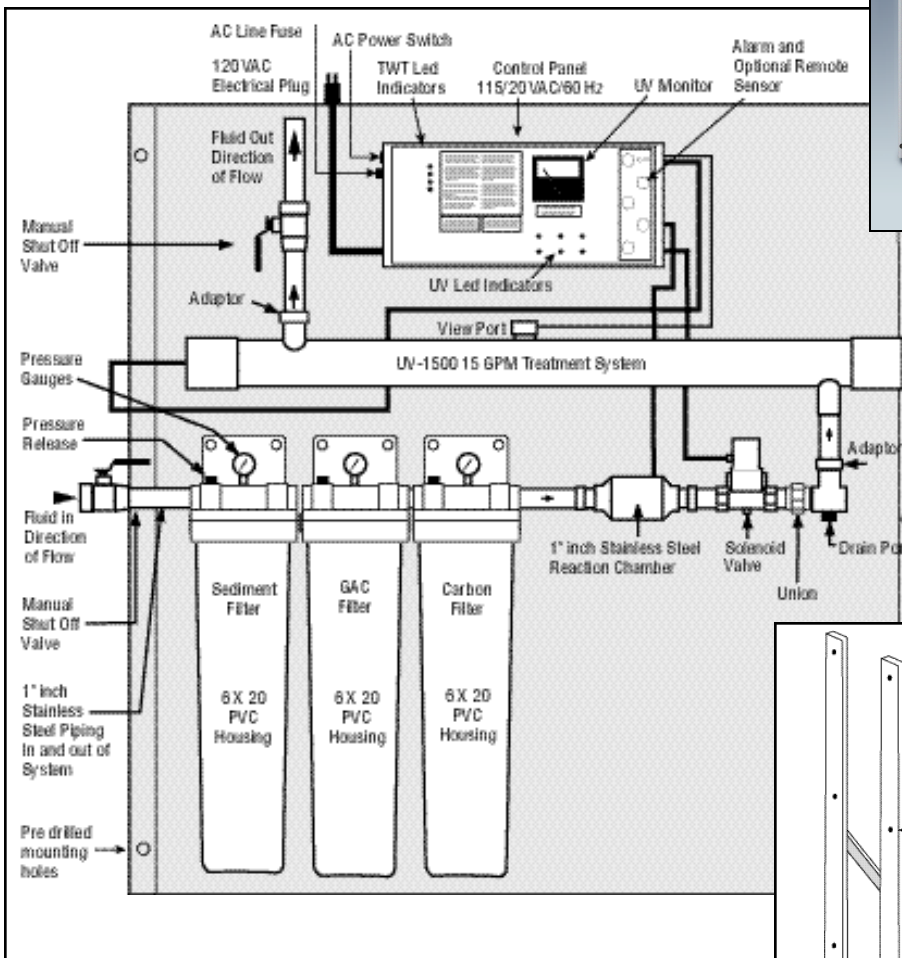
Factory Assembled & Mounted Fluid Management System

This fluid management system is a 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.

- Wall mounted water treatment system • Stainless Steel wall mount frame
- 3-Stage Filtration • TWT® Deposit Control Technology
- Ultraviolet Disinfection & Purification

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



Please Note:

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

Pumps, piping, fittings, valves, and other material needed to and from system owners responsibility

UV lamp replacement:

To ensure adequate disinfection/purification of water line contamination, replace UV lamps every 10 to 12 months (or sooner depending on water use, quality and conditions).

Sediment and Carbon Cartridge Replacement:

Generally twice a year, depending on water use, quality, & conditions.

Note: 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.

Other voltage sources available upon request (must specify)

Installation:

Licensed plumber and/or contractor is recommended

Must have enough room on all sides for filter and UV replacement & maintenance

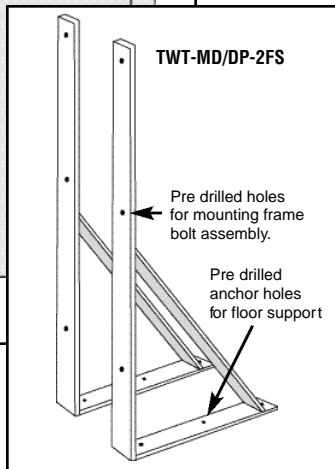
Specifications:

Factory assembled and mounted on stainless steel frame with mounting brackets and/or holes provided, Size Approx: 58"W X 49"H X 8"D, Weight Approx: 122 lbs. (may vary according to custom design requirements) *Filter mediums and micron sizes used in 3-stage filter housings is configured as illustrated above. Other filter mediums and **micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT). All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Optional: Remote sensor available upon request

*Upon request if needed other filter mediums of filters used in system can be determined by a water quality analysis (purchaser responsibility)

**Micronic sizes of filters are generally 10, 20 microns, unless otherwise specified



Optional: Stainless steel frame supports for free standing floor installation. Two needed per system.



TWT
TRIANGULAR WAVE
TECHNOLOGIES
 FLUID MANAGEMENT SOLUTIONS
 www.Triangularwave.com

TWT-MD-1006 Fluid Management System

3-Stage Filtration • Deposit Control • 30 GPM UV Disinfection/Purification System

Factory Assembled & Mounted Fluid Management System

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

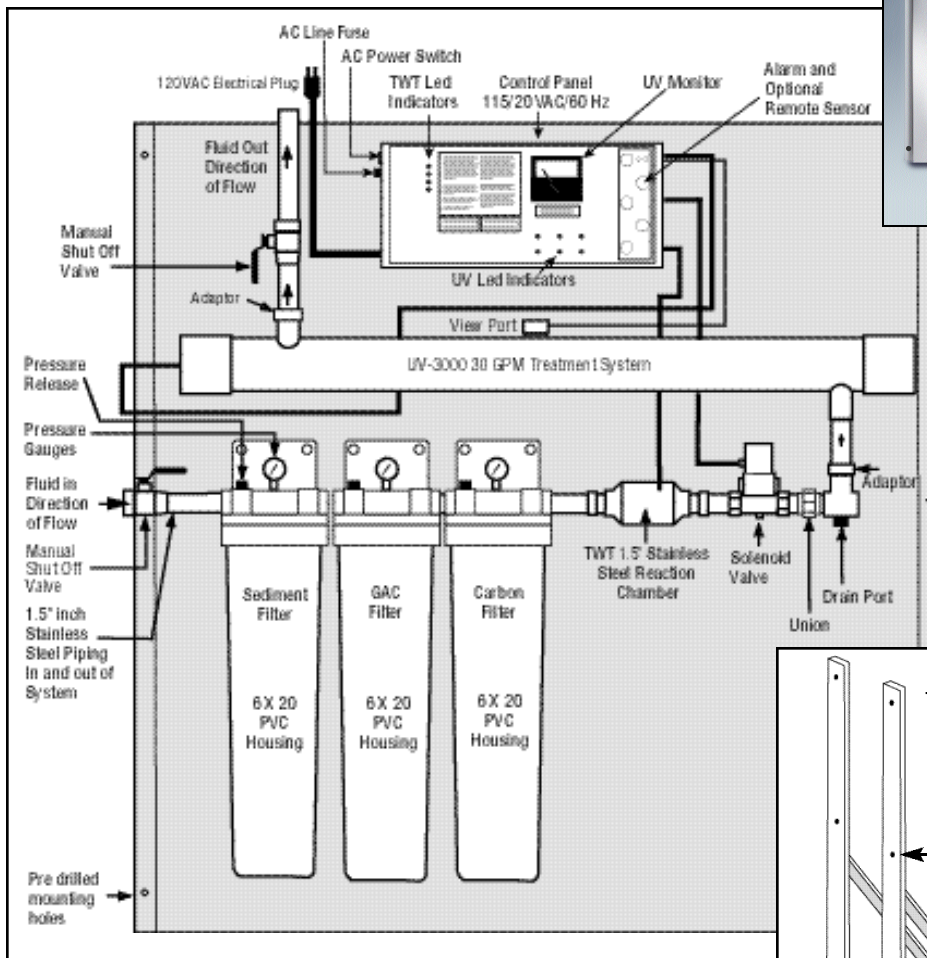
Applies all the needed elements for maximum fluid protection, management, and peace of mind in one simple packaged solution. Technologically advanced method for water & fluid management. Filtration, TWT® Microprocessor Deposit Controller, Reaction Chamber, and UV Disinfection / Purification units are 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

- Wall mounted water treatment system • Stainless Steel wall mount frame
- 3-Stage Filtration • TWT® Deposit Control Technology
- Ultraviolet Disinfection & Purification

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



TWT-MD-1006



Please Note:

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

Pumps, piping, fittings, valves, and other material needed to and from system owners responsibility

UV lamp replacement:

To ensure adequate disinfection/purification of water line contamination, replace UV lamps every 10 to 12 months (or sooner depending on water use, quality and conditions).

Sediment and Carbon Cartridge Replacement:

Generally twice a year, depending on water use, quality, & conditions.

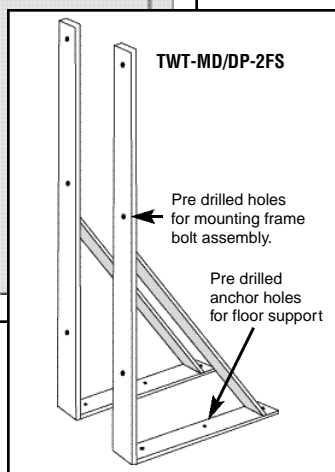
Note: TWT Inc. recommends that an initial supply of replacement products e.g., replacement filters, UV lamps etc. be stored at owners facility at all times, that will insure uninterrupted service and treatment.

Other voltage sources available upon request (must specify)

Installation:

Licensed plumber and/or contractor is recommended

Must have enough room on all sides for filter and UV replacement & maintenance



Optional: Stainless steel frame supports for free standing floor installation. Two needed per system.

Specifications:

Factory assembled and mounted on stainless steel frame with mounting brackets and/or holes provided, Size Approx .58"W X 49"H X 8"D, Weight Approx: 141 lbs. (may vary according to custom design requirements) *Filter mediums and micronic sizes used in 3-stage filter housings is configured as illustrated above. Other filter mediums and **micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT). All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Optional: Remote sensor available upon request

*Upon request if needed other filter mediums of filters used in system can be determined by a water quality analysis (purchaser responsibility)

**Micronic sizes of filters are generally 10, 20 microns, unless otherwise specified



TWT-SMD-1007 Fluid Management System

2-Stage Filtration • Deposit Control • 50 GPM UV Disinfection/Purification System

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

This fluid management system is a compact, self-contained, skid-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

- Skid mounted water treatment system
- TWT® Deposit Control Technology
- 2-Stage Filtration
- Stainless Steel Filter Housings
- Stainless Steel skid
- Ultra Violet Disinfection & Purification
- Optional Chemical Feed Tank Injection System

Specifications:

Factory assembled and skid mounted on stainless steel frame, Size approx. 68"W X 52"H X 30"D, weight TBD (may vary according to custom design) *Filter mediums and micron sizes used in 2-stage filter housings is configured as illustrated above. Other filter mediums and **micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBD). All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Please Note:

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

Pumps, piping, fittings, valves, and other material needed to and from system owners responsibility

Optional: Remote sensor available upon request

UV lamp replacement: To ensure adequate disinfection/purification of water line contamination, replace UV lamps every 10 to 12 months (or sooner depending on water use, quality and conditions).

Sediment and Carbon Cartridge Replacement: Generally twice a year, depending on water use, quality, & conditions.

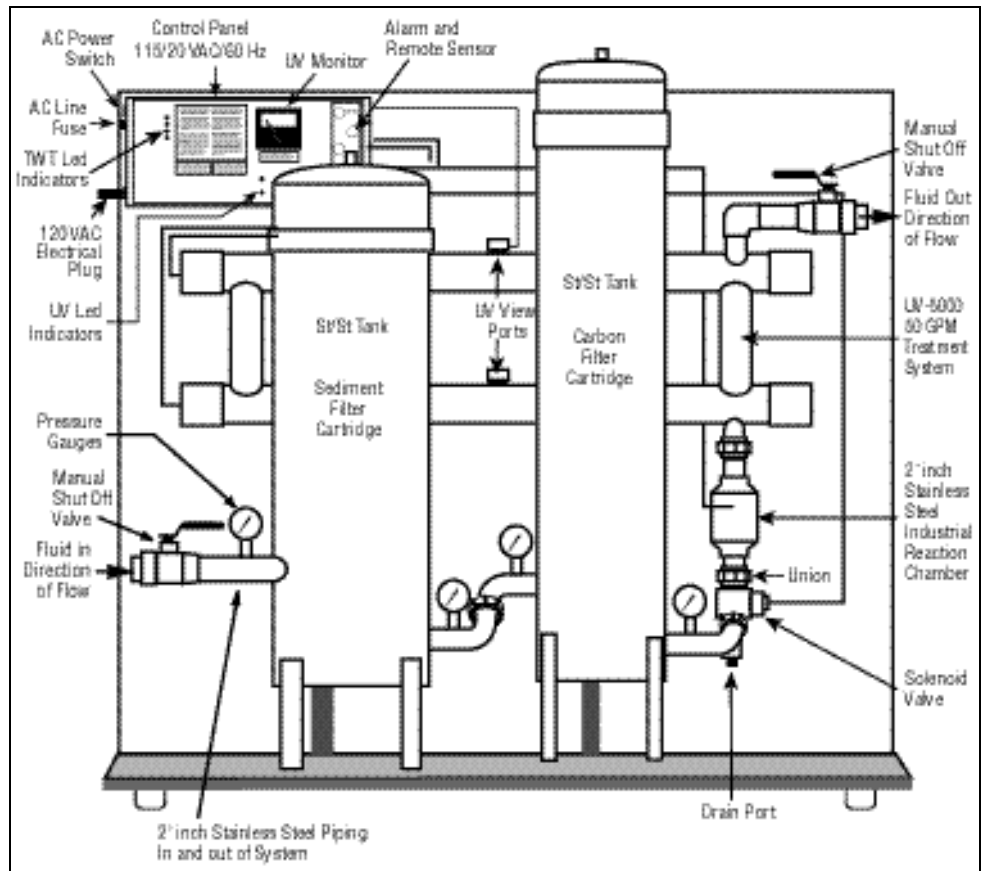
Note:

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.

Installation: Licensed plumber and/or contractor is recommended

Must have enough room on all sides for filter and UV replacement & maintenance

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



Upgrade: Customized skid-mounted systems 100 / 200 / 400 & higher GPM's to meet your treatment requirements available upon request

Other voltage sources available upon request (must specify)

