

Triangular Wave Technologies Deposit Control and UV-700/1200 Disinfection Systems

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

All the needed elements for maximum fluid protection, management, and peace of mind in one simple packaged solution. State-of-the-art Microprocessor Deposit Controller, Solenoid Coil and/or 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! The patented Triangular Wave Deposit Control System conditions the water before it enters the water lines for the equipment and ultraviolet system. The bacteria and scale particles in the water are conditioned so that they remain suspended and unable to attach to the water line walls or the ultraviolet system. In addition, the conditioned water will attack the biofilm on the walls of the water lines and cause the biofilm to detach from the walls and remain suspended in the water. By eliminating the habitat provided by the biofilm, the bacteria will ultimately die off.

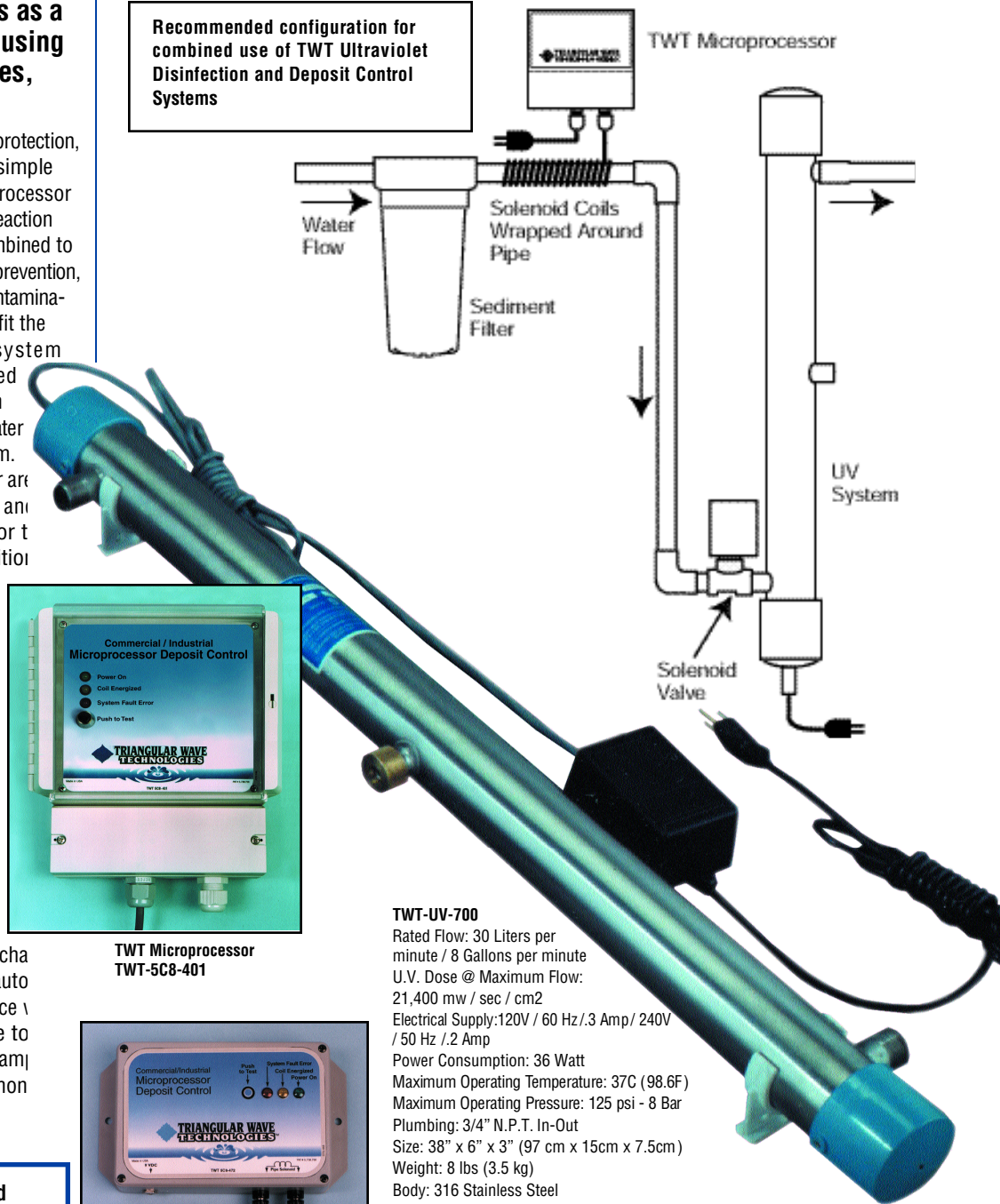
The TWT-UV-700 sterilizer is best suited for large households. Both the UV-700 and UV-1200 are efficient for small commercial and restaurant applications too. As water passes through the ultra-violet chamber, the powerful UV rays kill microorganisms, including bacteria and viruses with a 99.9% kill rate. No chemicals are added and the PH of the water remains unchanged. TWT sterilizers operate continuously and automatically with no need to heat or cool the source. They are inexpensive to operate, simple to install and practically maintenance-free. Lamp replacement is necessary every 10 to 12 months and is a simple ten minute procedure.

Use TWT combined Deposit Control and UV Disinfection 700/1200

- In large households, restaurants, and small commercial facilities
- Wherever you want to eliminate the use of chemical treatment from your water supply

In effect, a clean, corrosion-free water delivery system is restored and maintained in an environmentally safe and chemical-free manner. The result is clean water lines and tubing with no biofilm and reduced bacterial contamination.

Recommended configuration for combined use of TWT Ultraviolet Disinfection and Deposit Control Systems



TWT Microprocessor
TWT-5C8-401



TWT Microprocessor
TWT-5C8-472

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 / 60 Hz / .3 Amp / 240V / 50 Hz / .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 15 cm x 7.5 cm)
Weight: 8 lbs (3.5 kg)
Body: 316 Stainless Steel

TWT-UV-1200

Rated Flow: 45 Liters per minute / 12 Gallons per minute
U.V. Dose @ Rated Flow: 33,500 mw / sec / cm²
Maximum Flow: 65 Liters per minute / 17 Gallons per minute
U.V. Dose @ Maximum Flow: 28,200 mw / sec / cm²
Electrical Supply: 120V/60 Hz / .3A mp / 240V/50 Hz / .2Amp
Power Consumption: 36 Watt
Maximum Operating Temperature: 37 C (98.6F)
Maximum Operating Pressure: 125 psi - 8 Bar
Plumbing: 1" N.P.T. In-Out
Size: 38"x 6" 3" (97cm x 15cm x 7.5cm)
Weight: 8lbs (3.5kg)
Body: 316 Stainless Steel