

# Triangular Wave Technologies Patented Ultra-Violet Disinfection Systems



**TWT-UV-4**

Rated Flow: 3.75 Liters per minute / 1 Gallon per minute  
 U.V. Dose @ Rated Flow: 29,500 mw / sec / cm<sup>2</sup>  
 Maximum Flow: 5.8 Liters per minute  
 U.V. Dose @ Maximum Flow: 18,500 mw/sec / cm<sup>2</sup>  
 Electrical Supply: 120V / 60Hz / 0.6Amp / 240V / 50Hz / 0.6Amp  
 Power Consumption: 12 Watt  
 Maximum Operating Temperature: 37C  
 Maximum Operating Pressure: 100 psi - 7 Bar  
 Plumbing: 1/4" N.P.T. In-Out  
 Size: 12"x2.5" (30cm x 6.5cm)  
 Weight: 2.2lbs (1kg)  
 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 / cm<sup>2</sup>  
 Maximum Flow: 22 liters per minute / 5 Gallons per minute  
 U.V. Dose @ Maximum Flow: 22,500 mw / sec / cm<sup>2</sup>  
 Power Consumption: 120V / 60Hz / 72 Watt  
 240V/50Hz / 144Watt  
 Electrical Supply: .6 Amp  
 Maximum Operating Temperature: 37C (98.6F)  
 Maximum Operating Pressure: 100psi - 7 Bar  
 Plumbing: N.P.T. In-Out 1/2  
 Size: 20" x 5" x 3" ( 51cm x 13cm x 8cm)  
 Weight: 5 lbs (2.5 kg)  
 Body: 316 Stainless Steel



The Ultra-Violet Water Disinfection System is ideal for protecting drinking water from the threat of bacterial contamination. This Ultra-Violet sterilizer destroys bacteria and viruses as they flow through the UV chamber with an effective kill rate of 99.9%. Installed in conjunction with the Deposit Control Treatment System, the product prevents scale formation in pipes and water appliances. Recommended that a qualified plumber perform the installation.



**TWT-UV-700**

Rated Flow: 30 Liters per minute  
 8 Gallons per minute  
 U.V. Dose @ Maximum Flow:  
 21,400 mw/sec/cm<sup>2</sup>  
 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-1200**

Rated Flow: 45 Liters per minute / 12 Gallons per minute  
 U.V. Dose @ Rated Flow: 33,500 mw/sec/cm<sup>2</sup>  
 Maximum Flow: 65 Liters per minute / 17 Gallons per minute  
 U.V. Dose @ Maximum Flow: 28,200 mw/sec/cm<sup>2</sup>  
 Electrical Supply: 120V/60Hz/.3Amp /240V/50Hz/.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



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