



**TRIANGULARWAVE
TECHNOLOGIES, INC.**

Chemical-Free Water Treatment



TWT-SYSMD-1400

Product Information

***This Solution
Ticks All the Boxes***



- ☒ **Treats All the Water - All the Time**
- ☒ **Kills Virus and Bacteria in Water**
- ☒ **Eliminates Scale Deposits and Biofilm Inside All Water Lines**
- ☒ **Chemical Free Treatment**
- ☒ **Safe and Clean Water Throughout the Entire Facility**

Technical Specifications

Flow Range (limited by filter selection):

Initial UV Dose at Max. Flow (95% UVT):

Electrical:

Replacement Lamp:

Ballast:

Filtration (2 Stages):

Stage 1, Sediment Filter:

Stage 1, Carbon Filter:

Electronic Descaler:

Max. Operating Pressure:

Plumbing:

Shipping Size and Weight:

Up to 53 litres per minute (14 GPM)

3,180 litres/hour, 76.3 m³/day

(840 gallons/hour, 20,160 gallons/day)

40 mJ/cm² (40,000 µWsec/cm²) @ 14 GPM

110-130 Volt AC or 210-250 Volt AC, 50-60 Hz

Low-Pressure UV Lamp, Part # RL-51/540T5

Electronic Ballast w/ Lamp Out Alarm, Power LED,
Running Days Countdown (Resettable)

Model RH51-800-95L (part # BE-80014/30-ECO
10" BigBlue (L 10", OD 4-1/2") w/ Pressure Relief
Polypropylene/Polyester Pleated Cell, 5 Micron
Carbon Impregnated Pleated Cell, 10 Micron
TWT401

Pre-Wrapped, PVC Sch80 Reaction Chamber

90 psi - 6.2 bar

1" MNPT In/Out

Crate 33x33x10 inches, 97 lbs

Specifications are subject to change



BUY NOW

**FREE CONSULTING
FROM OUR ENGINEERING TEAM**

Providing technologically advanced water treatment methods that are efficient, cost effective and customized to your specific industry, site & application.



Contact us with your order or questions

Phone: 1-800-SAVE H2O (1-800-728-3420)

Email: info@twtwatertreatment.com



Chemical-Free Water Treatment

**TRIANGULARWAVE
TECHNOLOGIES, INC.**



TWT-1F472-1400

Product Information

***This Solution
Ticks All the Boxes***



Treats All the Water - All the Time



Kills Virus and Bacteria in Water



**Eliminates Scale Deposits and
Biofilm Inside All Water Lines**



Chemical Free Treatment



**Safe and Clean Water
Throughout the Entire Facility**

Technical Specifications

Flow Range (limited by filter selection):

Initial UV Dose at Max. Flow (95% UVT):

Electrical:

Replacement Lamp:

Ballast:

Filtration:

Sediment Filter:

Electronic Descaler:

Max. Operating Pressure:

Plumbing:

Shipping Size and Weight:

Up to 53 litres per minute (14 GPM)

3,180 litres/hour, 76.3 m³/day

(840 gallons/hour, 20,160 gallons/day)

40 mJ/cm² (40,000 µWsec/cm²) @ 14 GPM

110-130 Volt AC or 210-250 Volt AC, 50-60 Hz

Low-Pressure UV Lamp, Part # RL-51/540T5

Electronic Ballast w/ Lamp Out Alarm, Power LED,
Running Days Countdown (Resettable)

Model RH51-800-95L (part # BE-80014/30-ECO

20" BigBlue (L 20", OD 4-1/2") w/ Pressure Relief
Polypropylene/Polyester Pleated Cell, 5 Micron
TWT472

Pre-Wrapped, PVC Sch80 Reaction Chamber

90 psi - 6.2 bar

1" MNPT In/Out

1 box 30x19x9 inches, 25 lbs

Specifications are subject to change



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Chemical-Free Water Treatment



TWT-A10KIT-12GPM

Product Information

***This Solution
Ticks All the Boxes***



- ☒ **Treats All the Water - All the Time**
- ☒ **Kills Virus and Bacteria in Water**
- ☒ **Eliminates Scale Deposits and Biofilm Inside All Water Lines**
- ☒ **Chemical Free Treatment**
- ☒ **Safe and Clean Water Throughout the Entire Facility**

Technical Specifications

Flow Range (limited by filter selection):

Initial UV Dose at Max. Flow (95% UVT):

Electrical:

Replacement Lamp:

Ballast:

Filtration:

Stage 1, Sediment Filter:

Stage 2, Carbon Filter:

Electronic Descaler:

Max. Operating Pressure:

Plumbing:

Shipping Size and Weight:

Up to 45 litres per minute (12 GPM)

2,700 litres/hour, 64.8 m³/day

(720 gallons/hour, 17,280 gallons/day)

44 mJ/cm² (44,000 µWsec/cm²) @ 12 GPM

110-130 Volt AC or 210-250 Volt AC, 50-60 Hz

Low-Pressure UV Lamp, Part # RL-84/893T5

Electronic Ballast w/ Lamp Out Alarm, Power LED,

Running Days Countdown (Resettable)

Model RH51-800-95L (part # BE800-ECO)

20" BigBlue (L 20", OD 4-1/2") w/ Pressure Relief

Polypropylene/Polyester Pleated Cell, 5 Micron

Coconut Shell Carbon ("Extruded Carbon Block")

TWT472 with PVC Sch80 Reaction Chamber

90 psi - 6.2 bar

1" MNPT In/Out

1 box 45x7x7 inches, 12 lbs / 5.5 kg

1 box 52x9x9 inches, 40 lbs / 18.2 kg

Specifications are subject to change



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**This Solution
Ticks All the Boxes**



Pre-Filtration Using Fine Sediment and Carbon Filters



Hard Water Conditioning and Softening Using Patented Electromagnetic Pulse-Powered Technology



Universally Accepted Ultra-Violet (UV) Disinfection and Purification Technology

Technical Specifications

Flow Range:	Up to 8 litres per minute (2 GPM)
Initial UV Dose at Max. Flow (95% UVT):	+40 mJ/cm ² (40,000 μWsec/cm ²) @ 8 LPM / 2 GPM
Electrical:	110 - 240 Volt AC / 50 - 60 Hz
Ballast:	Electronic Ballast w/ Lamp Out Alarm, Power LED
Electronic Descaler:	TWT472 Pre-Wrapped, PVC Sch80 Reaction Chamber
Replacement Lamp:	Low-Pressure UV Lamp, Part # RL-12/254T5
Filtration:	10" SlimLine (L 9-3/4", OD 2-1/2"), w/ Pressure Relief
Stage 1, Sediment Filter:	Melt-Blown Polypropylene ("Spun Poly"), 5 Micron
Stage 2, Carbon Filter:	Carbon Block (Bitouminous), 0.5 Micron
Min/Max. Operating Temperature:	T _{min.} = 3 °C (37 °F), T _{max.} = 40 °C (104 °F)
Max. Operating Pressure:	125 psi - 8.6 bar
Plumbing:	3/8" In/Out
Shipping Size and Weight:	Includes Saddle Valves & Tubing (PVC) and Faucet Set 1 box 19x17x7 inches, 15 lbs / 6.8 kg

Specifications are subject to change



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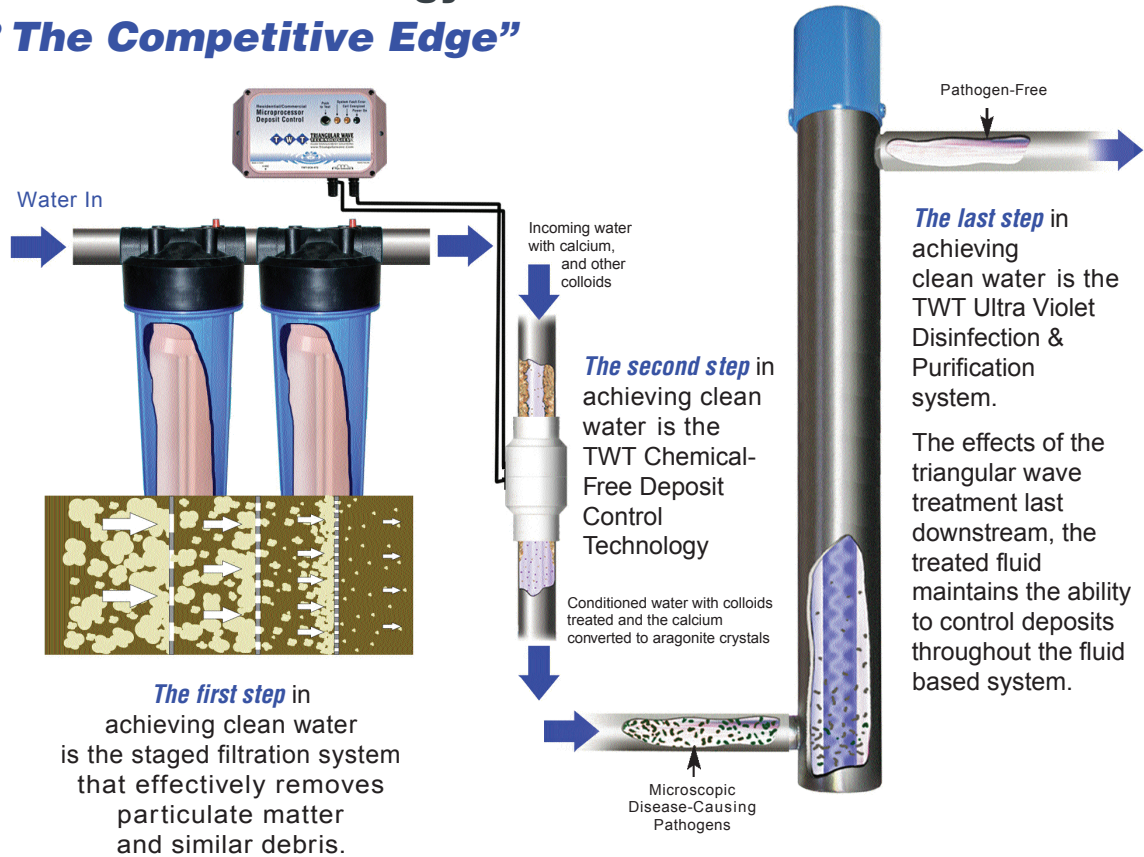
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TWT® Multi-Process All-In-One Chemical-Free Water Treatment- Staged Filtration, Hard Conditioning, Treatment and UV Purification Technology

“TWT® The Competitive Edge”



In effect, a clean, corrosion-free delivery system is restored and maintained in an environmentally safe and chemical-free manner.

The result is clean water, pipes and tubing with no biofilm and bacterial contamination.

TWT® The Smart Treatment Method

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.