

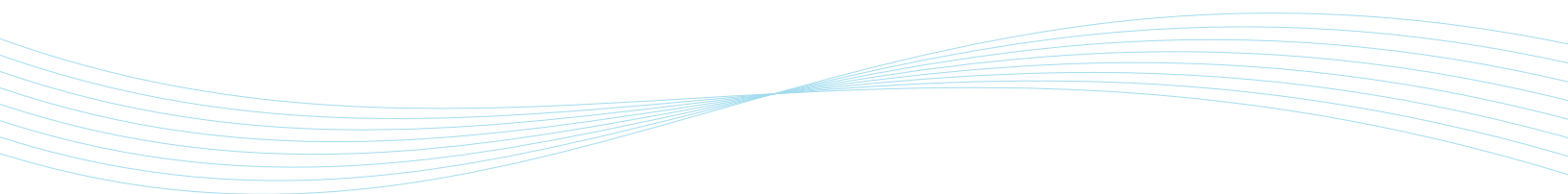


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WATER TECHNOLOGIES

BARRIER™ TI  
ULTRAVIOLET  
TREATMENT SYSTEM

**CLEAN, HIGH QUALITY  
WATER FOR POOLS, SPAS,  
PONDS, AND WATER  
FEATURES**





Introducing the newest member to our trusted ETS-UV™ product portfolio, the Barrier™ Ti UV System. Constructed from titanium for advanced corrosion resistance, this low pressure system offers dependable and user-friendly secondary disinfection for aquatics applications.

The Barrier Ti UV System complements chlorine disinfection by inactivating chlorine resistant microorganisms such as Cryptosporidium. This UV system also reduces chloramines and the demand for chemicals. Provide a satisfying guest experience with improved water and air quality.

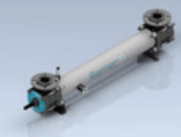


### WHY USE A BARRIER TI UV SYSTEM?

- Improve water and air quality for a superior bather experience
- Protect against chlorine resistant pathogens
- Reduce chloramines that can contribute to burning eyes and respiratory issues as well as facility odor
- Save on operational costs by decreasing the demand for chlorine
- Save time with easy and simple maintenance and operation
- Long term reliability and durability

### MARKETS

- Hotels and resorts
- Swim schools
- Ponds and water features
- Small aquatic facilities

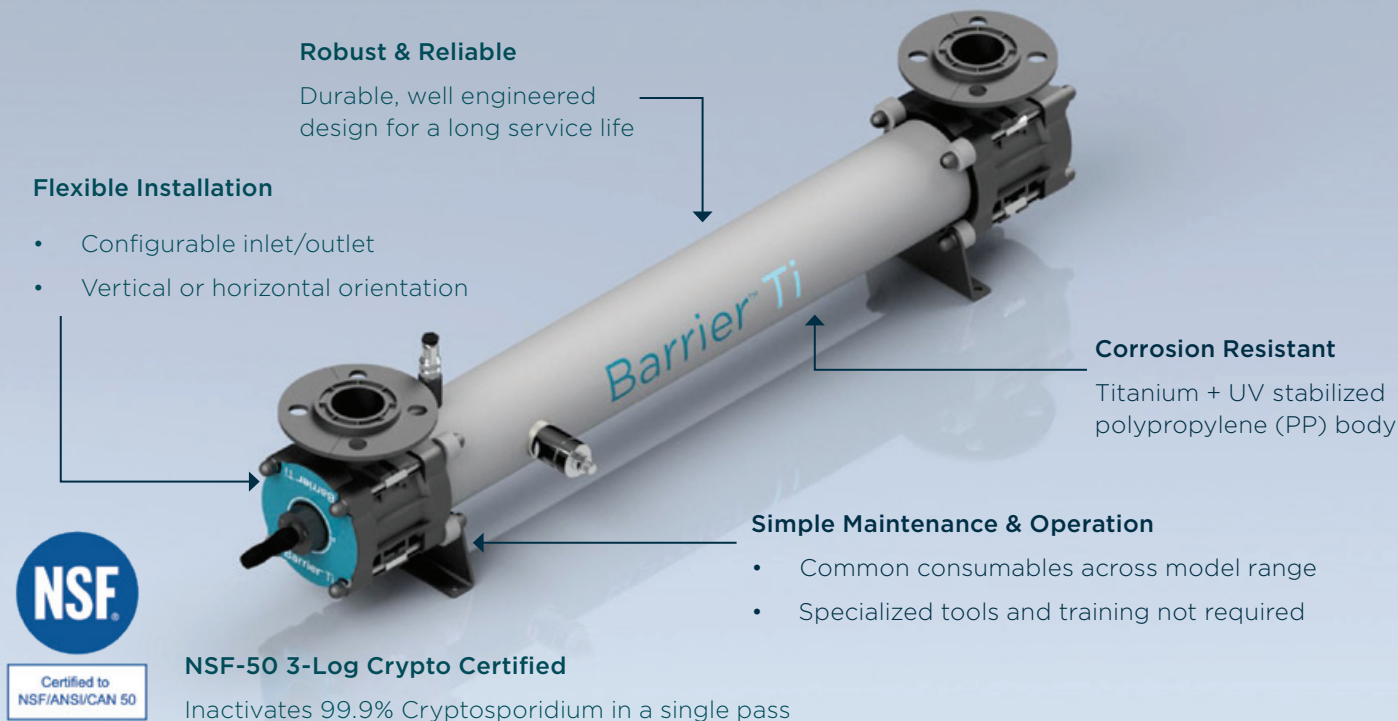
### AVAILABLE MODELS

			
<b>Models</b>	TI-1200-4	TI-2200-8	TI-4200-8
<b>Qty of Lamps/ UV Lamp Power</b>	1x200w	2x200w	4x200w
<b>Flow Capacity</b>	Up to 132 gpm	Up to 330 gpm	Up to 506 gpm
<b>Diameter of Chamber</b>	4"	8"	8"
<b>Total Height/ Length</b>	43"	44"	44"
<b>Inlet/Outlet Diameter</b>	2"	4"	4"

### PRODUCT LINE SPECIFICATIONS

<b>Power Input</b>	110vac-230vac
<b>Housing</b>	Titanium + Polypropylene
<b>Ballast</b>	Electronic
<b>Lamp</b>	LP High Output Amalgam
<b>Limited Warranty</b>	5 years
<b>Plumbing Options</b>	Flanged

Evoqua UV disinfection generator systems undergo third-party validation testing in accordance with the UVDGM (USEPA, 2006). Validated products are tested to confirm a minimum inactivation equivalent of 3 log (99.9%) for microorganisms in accordance with NSF/ANSI 50 and the UVDGM. Performance is not claimed nor implied for any product not yet validated; unvalidated products use single point summation calculations to provide delivered dose recommendations. Performance limitations depend on feed conditions, overall installed system design, and operation and maintenance processes; please refer to Operations Manuals. For more information: [contactus@evoqua.com](mailto:contactus@evoqua.com).



**Robust & Reliable**

Durable, well engineered design for a long service life

**Flexible Installation**

- Configurable inlet/outlet
- Vertical or horizontal orientation

**Corrosion Resistant**

Titanium + UV stabilized polypropylene (PP) body

**Simple Maintenance & Operation**

- Common consumables across model range
- Specialized tools and training not required



Certified to NSF/ANSI/CAN 50

**NSF-50 3-Log Crypto Certified**

Inactivates 99.9% Cryptosporidium in a single pass

# Barrier™ Ti UV System: A Closer Look



Delivering clean water & simplicity in operation

**NSF-50 3 LOG CRYPTO CERTIFIED**

- Validated and proven system for inactivation of 99.9% Cryptosporidium in a single pass
- For compliance peace of mind, certified to both the Supplemental Disinfection and the stricter Secondary Disinfection standard

**ROBUST & RELIABLE**

- Durable, well-engineered design for a long service life
- 5-year warranty (subject to terms and conditions)

**CORROSION RESISTANT**

- Body constructed of titanium and UV stabilized PP to offer unmatched corrosion protection in the industry

**EASE OF SERVICE & MAINTENANCE**

- Simple and flexible installation reduces start-up and maintenance time

**SIMPLE SPECTRA CONTROL WITH ONLINE REMOTE MONITORING**



- User-friendly operation with high level functionality and ease of service
- **Variable Power:** System automatically regulates lamp output to deliver the exact UV dose you need, when you need it
- **Low Power Mode:** Use an external switch or daily time scheduling to turn the system down to the lowest power setting during off peak or non-operating hours
- **Interlock with Spray Features:** Use available integration options to control flow only when the UV system is operating and providing the proper disinfection UV dose, optional remote alarm module available
- **Data Logging:** Internal or online. Log in to view system status, operating parameters and historical runtime data
- Full system control and monitoring also available through Modbus® or ETS-UV™ remote data site

TRANSFORMING  
**WATER**  
— ENRICHING —  
LIFE



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WATER TECHNOLOGIES

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Photos do not necessarily depict a facility that incorporates an Evoqua product.

Disinfection performance will vary based on product, system design, facility operating conditions, water quality, and maintenance protocols. Refer to product, system, installation, and validation documentation for details.

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