



VERTICAL TURBINE PUMPING SYSTEMS

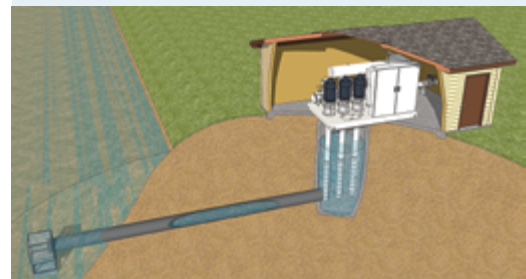


CUSTOM ENGINEERED TO MEET YOUR NEEDS

WHY WATERTRONICS?

WITH OVER 30 YEARS IN THE INDUSTRY and more than 10,000 installations worldwide, Watertronics® understands the many issues affecting turf irrigation today, from design considerations to budget constraints. We have the experience and expertise to design, build and support your pump station—today and for years to come. Our products set the standard for reliability and longevity, including the following differentiators that set us apart:

- Specification and design assistance tailored to the specific requirements of the designer and end user
- Control software and logic developed in-house
- Full dynamic flow and operation testing at site-specific conditions prior to shipment to minimize on-site delays
- UL Listed Packaged Pump Systems and in-house UL 508A panel shop
- Arrives as a factory-assembled unit for fast installation
- Largest support team in the industry for installation, start-up, preventative maintenance, service and part sales through our exclusive Pump Service Network®
- 2 year bumper-to-bumper warranty including parts & labor
- Built to FCC Part 15 standards



Typical wet well installation with pump house.



Prior to delivery, each station is tested to site specific conditions for full dynamic flow, operation and 7-point vibration performance in our 88,000 gallon factory test pit.



Easy-to-use VirtualVision™ operator interface features full color touchscreen display for monitoring alarms, changing pump sequencing, recording/resetting water usage and more.



Reinforced 3/8 in. formed steel base construction with rounded seamless edges to resist rust and corrosion. Flat skid surface provides ease of maintenance and reduces water and debris collection.



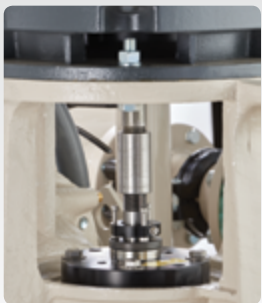
View, manage, diagnose and make adjustments remotely anytime with WaterVision®



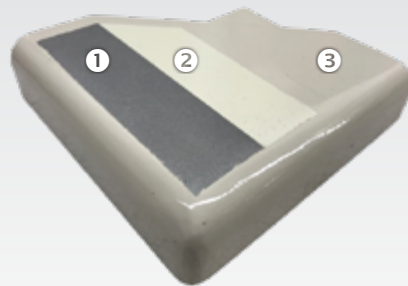
Watch in action at
[YouTube.com/Watertronicsinc](https://www.youtube.com/Watertronicsinc)

VERTICAL TURBINE PUMPING TECHNOLOGY

Ideal for pumping from reservoirs, rivers and wells, the vertical turbine (VT) system from Watertronics is a single-source solution that can meet virtually any pressure and flow requirement regardless of water lift or depth. Our advanced pump logic uses actual pump curve data to provide intelligent sequencing for optimal wire-to-water efficiency. Engineered for continuous operation in challenging environments, the VT is reliable, rugged, and long-lasting. Your pump station arrives pre-packaged and factory tested, ready for quick installation and start-up. With proven reliability and pumping efficiency, the VT offers a cost-effective solution and can be fully customized to meet your needs.



Maintenance-free mechanical seal requires no packing adjustments. Reduces shaft wear and eliminates water spray from pump house floor preventing skid and panel corrosion.



Three-step epoxy coat paint process for maximum durability:

1. Steel grit blasting
2. Two-part epoxy primer
3. Polyurethane top coat is applied and baked to assure adhesion



YouTube

Watch in action at [YouTube.com/Watertronicsinc](https://www.youtube.com/Watertronicsinc)

Electronic Butterfly Valve (EBV) complements VFD controls by pressure regulating each across-the-line pump, eliminating surges, check valve slam, air entrainment and providing 100% backup pressure regulation in the event of a VFD fault.

VERTICAL TURBINE QUICKSHIP (VTQ)

The VTQ features the same high quality design, controls and functionality customers expect in our larger VT stations, but offers faster delivery times and a smaller station footprint to accommodate existing pump houses. Multiple standard design configurations allow flexibility to suit almost any station layout need.

SPECIFICATIONS

Flow Range	300 – 1800 GPM
Pressure	80 – 130 PSI
Horsepower	20 – 75 HP
Voltage	460v/3 phase/60HZ



2 pump skid with wye strainer & optional mag meter

COMPOSITE ENCLOSURES

Watertronics Composite Enclosures provide secure equipment protection in a 100% non-corrosive, sound attenuating, and weatherproof structure. Pultruded fiberglass construction provides superior strength and an open panel design allows for complete accessibility. Designed to resist damage from impact, chemicals, and environmental conditions along with the ability to be temperature controlled, Composite Enclosures are an ideal solution for applications such as pump station houses, chiller units, chemical storage and filtration skids.

Composite Enclosures arrive onsite fully assembled to expedite installation and eliminate site downtime due to construction. Building permits generally not required.



For more information on vertical turbine pumping systems, locate a sales manager in your area by visiting www.watertronics.com.



Watertronics PSN provides nationwide technical service for installation, startup, user training, maintenance and parts sales.



www.watertronics.com | 1-800-356-6686