HORIZONTAL CENTRIFUGAL PUMPING SYSTEMS

CUSTOM ENGINEERED TO MEET YOUR NEEDS
Why Choose Watertronics Horizontal Centrifugal Pumping Technology?

**RELIABILITY** - highest-quality construction and hand-picked components

**DURABILITY** - the ultimate in quality and longevity

**EFFICIENCY** - saves up to 25% over a fixed speed pump station

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### USER-FRIENDLY SOFTWARE

**VirtualVision™ Touchscreen** – Easy-to-use operator interface features full color touch screen display for monitoring alarms, changing pump sequencing, adjusting downstream pressure, changing filter flush duration, recording or resetting water usage, calibration, and much more.

**Watervision® Cloud web-based telemetry** – Monitor and control your pump station anytime, anywhere – from any web-enabled device. Our software interfaces with most major irrigation control software to maximize the efficiency of your system.

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### CONTROLS

**Smart pump sequencing logic**
Our advanced pump logic uses actual pump curve data to provide intelligent sequencing for optimal wire-to-water efficiency.

**Flow-based pressure regulation**
Energy-saving variable pressure regulation set points follow your system resistance curve using only as much energy as needed to meet the irrigation system’s demand.

**Inlet pressure monitoring**
Second pressure transducer to monitor your station’s inlet pressure to quickly track and troubleshoot problems.

**Electronic Butterfly Valve (EBV)**
EBV system complements Variable Frequency Drive (VFD) controls by pressure regulating each across-the-line pump and provides 100% backup pressure regulation in the event of a VFD fault.

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### SUPERIOR QUALITY

**Unitized skid construction**
Single continuous sheet of pre-punched steel that’s free of welding seams or cracks to prevent rust. Structural steel is welded underneath to maximize strength.

**Superior paint quality**
Components are painted individually prior to station assembly. Our multi-step coating system produces a durable, corrosion-resistant product. Additional options include galvanized stainless steel or aluminum construction.

**FCC Compliant** – All products are tested to meet FCC compliance standards.

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### BENEFITS

- Immediate water and energy savings up to 25%
- Advanced controls save time and labor
- Precise pressure regulation promotes uniform water application
- Pre-tested and certified for site-specific conditions
- Arrives as a factory-assembled unit for fast installation
ANATOMY OF A WATERTRONICS HORIZONTAL CENTRIFUGAL PUMP

WORLDWIDE PUMP SERVICE NETWORK (PSN)

Our Pump Service Network (PSN) Service Partners employ technicians with extensive training and experience servicing pumping systems.

They specialize in servicing pumps, motors, controls, valves, filtration, chemical injection and telemetry. Beyond Watertronics pumping systems, PSN Service Partners provide service and parts sales to any customer, regardless of their pump station’s age, configuration or brand.

Through our PSN Service Partners, we support more than 7,000 pump stations in operation throughout the world.

100% WARRANTY COVERAGE

Watertronics provides a one-year full blanket warranty that covers all parts, components, and labor with a Certified Watertronics Service Partner.

SINGLE-POINT RESPONSIBILITY

VirtualVision™ PRO touch screen — simple yet powerful features to help manage your system, at your fingertips or remotely

Watervision Cloud provides remote pump station monitoring from any web-enabled device

VirtualVision™ PRO

Watervision Cloud
AVAILABLE OPTIONS THAT MAKE A DIFFERENCE

• Custom-built corrosion-free composite enclosures
• Electrical enclosure heaters and air conditioners
• Enclosure insulation

VFD Jockey Pumps – Eliminate the need to run a larger main pump for applications such as syringing and hand watering. Allows main pumps to come on line only when a higher flow is required.

• Chemical injection and fertigation
• Premium surge protection
• Choice of station colors (sandstone, green, custom)
• Filtration
• Source water blending
• UV sanitation
• Intake screens
• Composite Station Enclosures
• Control panel retrofit packages

WHY WATERTRONICS?

For more than 30 years, Watertronics,® a Lindsay company, has been designing and manufacturing custom pumping solutions for the golf, landscape, municipal, and agriculture markets. It’s our mission to provide the most reliable pumping systems available. Our engineering expertise and advanced software applications have distinguished our pumping systems as the industry standard for reliability, ease of use, and energy efficiency.

CERTIFIED EXPERTS

Every Watertronics control panel is UL-listed and is tested to meet the Federal Communications Commission (FCC) #15 standards for emitted and conducted noise. Watertronics builds to NFPA 70 National Electric Code standards.