

Distributed by:

WATER CONTROLS
& PUMP SYSTEMS
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WATERTRONICS™
A LINDSAY COMPANY

HORIZONTAL CENTRIFUGAL PUMPING SYSTEMS



CUSTOM ENGINEERED TO MEET YOUR NEEDS



CERTIFIED PERFORMANCE TESTING EXCLUSIVELY FROM WATERTRONICS



Prior to delivery, every pump station is tested at full flow and capacity at our Dynamic Test Pit Facility. This process reduces set-up time and guarantees your pump station will perform exactly as promised.

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

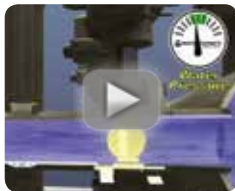
USER-FRIENDLY SOFTWARE

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® 6 web-based telemetry

PC or Cloud-based monitoring and control of your pump station anywhere, anytime – from any web-enabled device. Our software interfaces with most major irrigation control software to maximize the efficiency of your system.



Watch the EBV in action at youtube.com/watertronicsinc

ADVANCED 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)*

Patented 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.

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 Compliance

All Watertronics control panels meet or exceed the Federal Communications Commission (FCC), Standard #15 for emitted and conducted noise.

**optional feature*

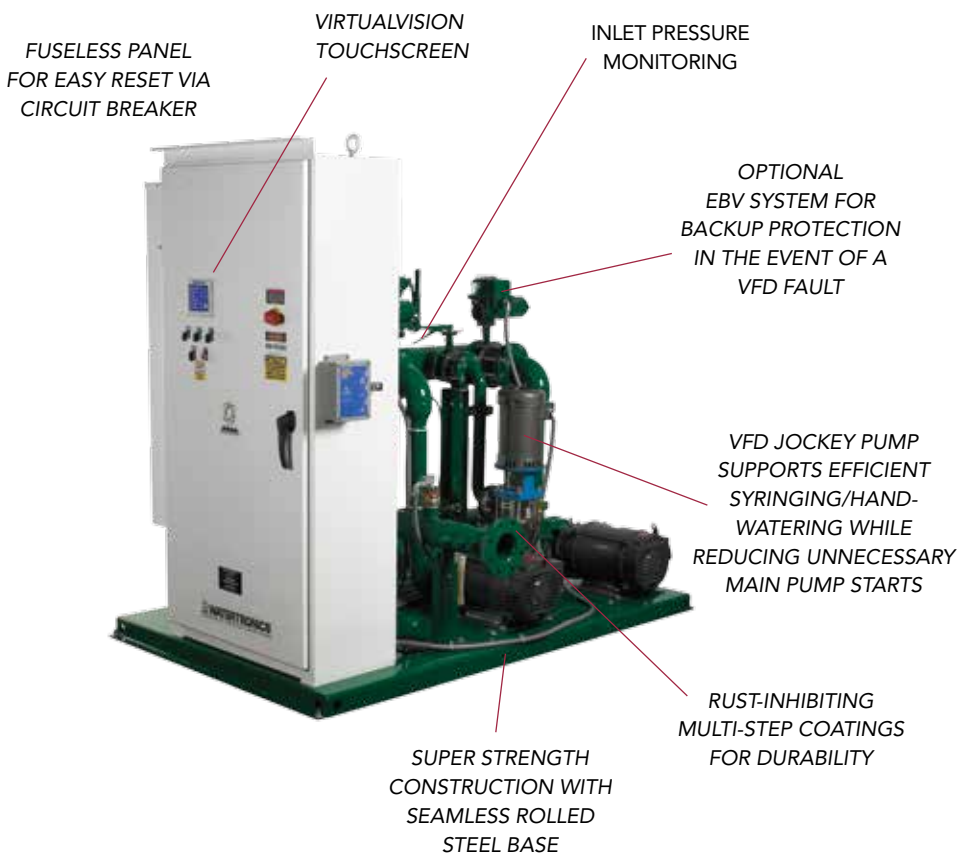
BENEFITS THAT MATTER

- Immediate water and energy savings up to 25%
- Advanced Controls save time and labor
- Precise pressure regulation promotes uniform water application and greatly reduces stress on your piping system
- Pre-Tested and Certified for site-specific conditions
- Arrives as a factory-assembled unit for fast installation
- Custom-designed to meet your needs and complies with FCC, IEEE, and NFPA standards





ANATOMY OF A WATERTRONICS HORIZONTAL CENTRIFUGAL PUMP



THE IMPORTANCE OF INTEGRATION

Selecting a pump station that integrates is a crucial factor in maximizing the efficiency and reliability of your pumping operation.

BUILDING MANAGEMENT SYSTEMS

Serial Modbus RTU provides building management system access to all pump station registers.

CENTRAL IRRIGATION

Two-way active communication to provide automatic responses and alerts to various conditions including pump failure and unanticipated events – virtually eliminating downtime.

CENTER PIVOT CONTROL

Integrates with FieldNET by Lindsay to make the pump station and pivot a fully-integrated package.



Watertronics proprietary logic allows VFDs to achieve near perfect pressure regulation



VirtualVision touch screen – important features right at your fingertip



Watervision 6 provides remote pump station monitoring from any web-enabled device



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

OPTIONAL UPGRADES FOR NEXT LEVEL PUMPING

- 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
- Composites
- Control panel retrofit packages



Typical Suction Lift Installation with Pump House

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 the industry standard for reliability, ease of use, and energy efficiency.

CERTIFIED EXPERTS

As a UL508 panel shop, Watertronics provides UL-listed control panels that meet or exceed the Federal Communications Commission (FCC) #15 standards for emitted and conducted noise and IEEE 519 standards for harmonic control. Watertronics builds to NFPA 70 National Electric code standards.



WORLDWIDE PUMP SERVICE NETWORK

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



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Lean, Clean and Green. Lindsay Corporation is committed to developing environmental awareness and implementing sustainable practices to reduce the use of and protect energy, water, and all other resources.



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