

WATERMAX® PULSE

MAXIMUM PERFORMANCE, MINIMUM COST

Designed to simplify installation and maximize performance, the WaterMax Pulse is a pre-engineered packaged pump station ideal for small sports fields, schools, parks, large residential and commercial applications. The smart design provides users a simple, low-maintenance system with the most features in its class.



**SMART
DESIGN**

- ◆ Mounting space for irrigation controller of your choice*
- ◆ Marine-grade aluminum corrosion-resistant construction
- ◆ External green and red status lights for quick visual indication
- ◆ Removable front panel for full access



**QUICK
INSTALL**

- ◆ Forklift-ready skid for easy access lifting points
- ◆ Light-weight (350lbs) design for easy transport



**EASY
OPERATION**

- ◆ Energy efficient VFD
- ◆ User friendly quick-start guide
- ◆ 120 VAC power receptacle
- ◆ Pressure drop, 24 VAC pump start relay and flow based pump control



WATERTRONICS®

WATERMAX™
PULSE



SPECIFICATIONS

- ◆ Applications: Booster or Flooded Intake
(Suction Lift available by special order)
- ◆ Flow Range: Up to 120 GPM
- ◆ Pressure: Up to 85 PSI
- ◆ Single Pump Configurations:
 - 3, 5, 7.5 HP/208 V/1 or 3 Phase
 - 3, 5, 7.5 HP/240 V/1 or 3 Phase
 - 3, 5, 7.5 HP/480 V/3 Phase
 - 3, 5, 7.5 HP/600 V/3 Phase
- ◆ Consult Factory for 50 Hz

ADDITIONAL BENEFITS

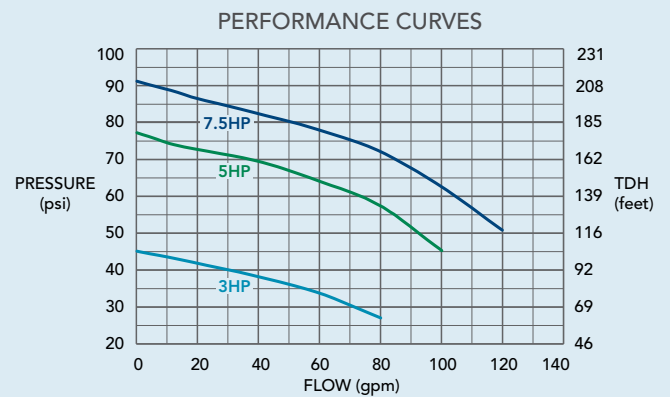
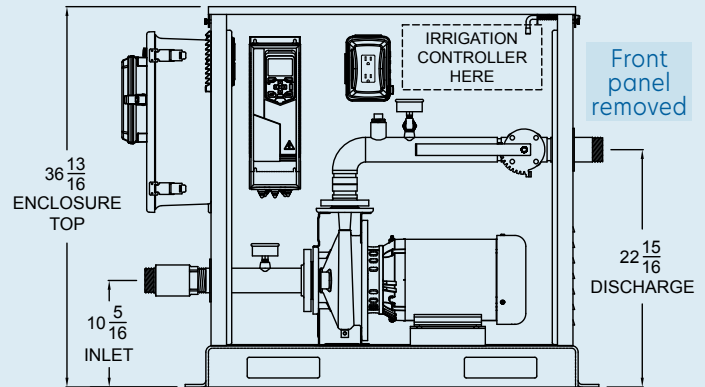
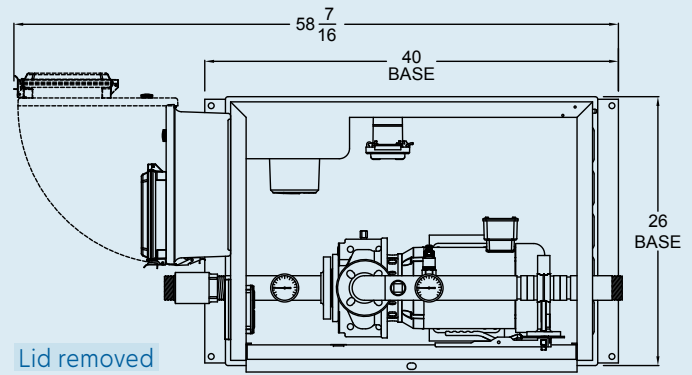
- ◆ Factory tested prior to shipment
- ◆ 2 year warranty including parts & labor
- ◆ UL listed packaged pump station
- ◆ 100kA SCCR rating



Watertronics Pump Service Network provides nationwide technical service for installation, start-up, user training, maintenance and after-market parts sales.

FEATURES

PUMP CONTROL & OPERATION	◆ Energy efficient Variable Frequency Drive (VFD) maintains constant pressure at varying flow demand ◆ Pump control: - Pressure drop start - 24 VAC remote start/stop relay - Flow based start - Current, frequency, and flow based stop ◆ External green system run indicator light ◆ External red system fault indicator light ◆ Stainless steel pump thermal protection switch ◆ Stainless steel flow switch ◆ Stainless steel pressure transducer ◆ Hand/Off/Auto functionality on VFD keypad
STATION ENCLOSURE & BASE	◆ Marine grade aluminum station enclosure and base ◆ Pad-lockable station and power enclosure
ALARMS	System fault protection alerts: ◆ VFD fault shutdown ◆ High pump temperature shutdown ◆ Motor overload shutdown ◆ Transducer failure shutdown ◆ Low pressure shut down ◆ High pressure shutdown ◆ Phase loss protection ◆ Loss of prime
STATION DESIGN	◆ UL Type 3R, UL508A listed composite power enclosure with fused disconnect ◆ 120 VAC power receptacle ◆ Stainless steel Horizontal Centrifugal Pump with mechanical seal ◆ Horizontal NEMA Premium efficient TEFC motor ◆ Station enclosure ventilation fan ◆ Station inlet and discharge pressure gauges ◆ Discharge isolation valve ◆ 2" stainless steel check valve
PIPING FEATURES	◆ 304 stainless steel piping ◆ 2" threaded NPT inlet and discharge connections



Pump HP selection chart

AVAILABLE OPTIONS

- ◆ WaterVision remote monitoring—ethernet or cellular versions
- ◆ Temperature controlled enclosure heater
- ◆ Internal sound dampening insulation
- ◆ Inlet Drop Pipes
 - 2" MPT x 2" MPT — 24" Bury
 - 2" MPT x 3" Flange — 24" Bury
- ◆ Discharge Drop Pipes
 - 2" MPT x 2" MPT — 24" Bury
 - 2" MPT x 3" Flange — 24" Bury

◆ **NOTE:** Supplied 120VAC power receptacle can only support one available option if used to power irrigation controller



For more information visit
watertronics.com or call 1-800-356-6686.



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

* Irrigation controller not included.

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