

WATERMAX® 5000

Setting the standard for over 40 years, the WaterMax Series provides a complete line of self-enclosed pumping systems for commercial landscape irrigation. The WaterMax 5000 can be customized to exactly meet your requirements through a broad range of options. Watertronics' proprietary control software combines with VFD technology to provide highly efficient, precision pumping in a durable, compact design.

◆ PRECISE PRESSURE REGULATION

WaterMax 5000 Pumping Systems are pre-fabricated, self-contained and incorporate the latest VFD technology to provide smooth, accurate, surge-free and energy efficient performance at varying flow rates. Whether your water source is a lake, pond, or a boosted city supply for large commercial or golf course applications, the 5000 can provide the water and constant pressure desired up to 400 GPM or 100 PSI.

◆ ADVANCED CONTROLS

The 5000 control platform options include a digital operator interface or Programmable Logic Controller with color touchscreen.

◆ REMOTE MONITORING & CONTROL

WaterVision® remote telemetry gives users the same control they have from the station to monitor and make full system adjustments like set points, safety resets, and alarm resets from any mobile device. Generate water usage reports and view status of key station equipment on the WaterVision dashboard.

◆ BUILT TO WITHSTAND THE TEST OF TIME

Corrosion-resistant marine grade aluminum enclosure and base produce a long-lasting, durable and rust-free product.

◆ DYNAMIC FACTORY TESTING

Every WaterMax system is fully performance tested at field conditions prior to shipment to ensure your pump will perform exactly as promised.



WATERMAX™
5000



SPECIFICATIONS

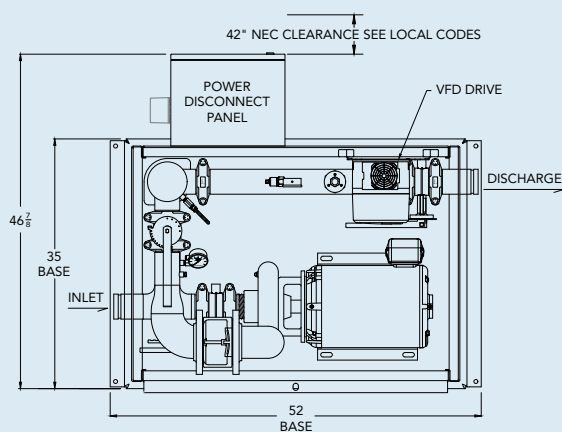
- ◆ Applications: Booster, Suction Lift or Flooded Intake
- ◆ Flow Range: Up to 400 GPM
- ◆ Pressure: Up to 100 PSI
- ◆ Single Pump Configurations:
 - Up to 20 HP/208 V/1 Phase
 - Up to 20 HP/240 V/1 Phase
 - Up to 25 HP/208 V/3 Phase
 - Up to 25 HP/240 V/3 Phase
 - Up to 25 HP/480 V/3 Phase
 - Up to 25 HP/600 V/3 Phase
- ◆ Consult Factory for 50 Hz



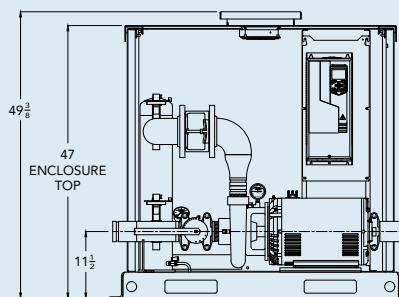
Watertronics Pump Service Network provides nationwide technical service for installation, start-up, user training, maintenance and after-market parts sales.

ADDITIONAL BENEFITS

- ◆ 2 year warranty including parts & labor
- ◆ UL listed packaged pumping systems



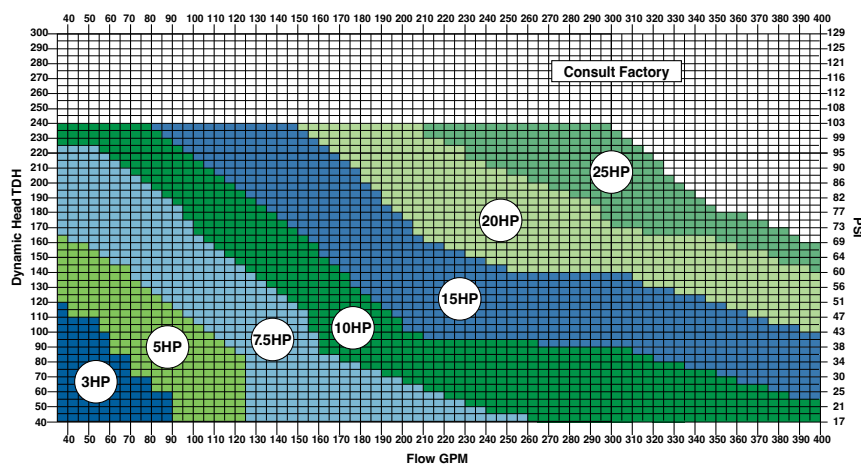
Top view



Front view

FEATURES

PUMP CONTROL	- VFD pressure regulation with surge free station starting/stopping - Start Options: - Pressure drop - Flow based 24 VAC remote start relay
STATION ENCLOSURE & BASE	- Marine grade aluminum with lockable lid, forced fan air cooling, and gas spring assisted lid lift - UL508A listed dead front control panel with service rated disconnect - Fork pockets and lift holes on base
ALARMS	Alarms include: Low pressure shutdown, high pressure shutdown, VFD fault shutdown, high pump temperature shutdown, motor overload shutdown, phase loss (3 phase only) Features include: Alarm log history report
MECHANICAL DESIGN	- Horizontal premium efficient inverter duty rated motor - Durable cast iron pump featuring bronze impeller and mechanical seal - Lightning surge protection - Silent check valve - Pump and station discharge isolation valve
PIPING FEATURES	3 step paint process with epoxy primer and polyurethane top coat on all station piping - Full flow pump bypass piping included on booster and flooded suction models - Priming port and automatic priming assembly for suction lift models - Stainless steel pressure transducer - Flow sensor providing flowrate and totalized system flow - Station inlet/discharge flanged terminations



Pump HP selection chart

AVAILABLE OPTIONS

- Advanced Watertronics PLC-based microprocessor controls with color touch screen
- WaterVision remote monitoring – ethernet or cellular versions
- 24 volt controller start (up to 2 additional)
- HDPE suction line assembly (floating or vertical) with foot valve
- Electromagnetic flow meter
- Suction & discharge drop pipes with multiple connection options
- Temperature controlled enclosure heater
- Vandal resistant red alarm light
- Internal sound dampening insulation
- Backflow preventer
- Programmable set-point lake level control
- Submersible turbine or vertical multi-stage pumps
- In-line basket or wye strainer
- Automatic self-cleaning discharge filtration



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



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