

THE EFFICIENT PUMPING SYSTEM UP TO 85 GPM

Setting the standard for 25 years, the WaterMax Series provides a complete line of self-enclosed pumping systems for landscape irrigation. Watertronics' proprietary control software combines with VFD technology to provide highly efficient, precision pumping in a durable, compact design.

PRECISE PRESSURE REGULATION

WaterMax 3000 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, the 3000 can provide the water and constant pressure desired up to 85 GPM or 95 PSI.

BUILT TO WITHSTAND THE TEST OF TIME AND TOUGH CONDITIONS

A multi-step coating system of metal preparation, rust-inhibitive baked epoxy primecoat and a two-part UV-resistant baked polyurethane finish produces 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. All WaterMax Products carry a 1 year limited warranty against defects in materials and workmanship.

- A compact pumping station built to provide years of dependable service
- Energy-efficient VFD system provides a surge-free soft start
- Pump Service Network (PSN) provides nationwide technical service for installation, start-up, user training and maintenance



- For suction lift, boost or flooded intake applications
- Flows up to 85 GPM
- Motor range: 3 HP, 5 HP, 7.5 HP
- Voltage options

208/3 phase - 240/1 phase - 240/3 phase - 480/3 phase

STANDARD FEATURES AND BENEFITS

- NEMA 3R service rated, fused main disconnect with lightning surge protection to safeguard station electronic components from power surge.
- Variable Frequency Drive for constant pressure, variable flow and surge free soft starting
- Multi-line operator interface display
- Alarms:
 - High pump temperature shutdown
 - High pressure shutdown
 - Low pressure shutdown
 - Motor overload shutdown
 - VFD fault shutdown
 - Phase loss (3 phase only)
- Pressure drop starting
- 316 stainless steel pressure transducer for accurate repeatability of all pressure signals
- Pump construction features include a bronze impeller and a cast iron volute with back pullout design
- Heavy duty, energy efficient pump/motor with ranges from 3 HP to 7.5 HP
- Station gate valve located inside the enclosure to isolate the pump station from the irrigation system
- Priming port for suction lift application located outside of the enclosure for easy system priming
- 2.5" foot valve (shipped loose on lift application)
- 2" silent check valve on booster model
- Engineered, forced air cooled, weather resistant 14 gauge steel enclosure with lockable lid
- Multi-step coating system which includes metal preparation, rust-inhibitive, baked epoxy prime coat, and a two-part ultraviolet insensitive baked polyurethane finish
- Corrosion resistant stainless steel hardware
- Performance run tested prior to shipment

AVAILABLE OPTIONS

- 24 volt controller start (up to 3 additional)
- Suction & Discharge drop pipes
- Flexible intake hose assembly with foot valve
- Stainless steel enclosure
- Dead-front service disconnect



NEMA 3R service rated, fused main disconnect with lightning surge protection to safeguard station electronic components from power surge.



A multi-step coating system which includes metal preparation, rust-inhibitive, baked epoxy prime coat, and a two-part ultraviolet insensitive baked polyurethane finish is used to produce a long lasting, rust-free and professional looking product.

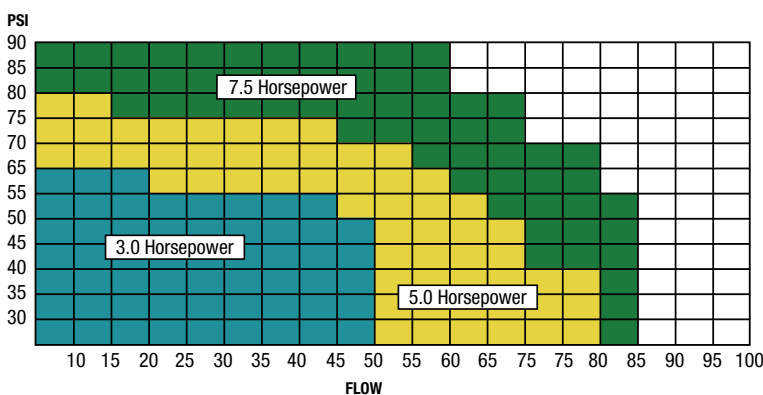


Variable Frequency Drive for constant pressure, variable flow and surge free soft starting



Exhaust fan cools the pump motor, switchgear and control logic. It activates when the pump starts.

3000 PUMP STATION PERFORMANCE CHART



Performance chart is based on a 5 foot suction lift.

Add 2 PSI for booster performance

