



WaterMax CLT

The efficient pumping system up to 400 GPM

- For suction lift, boost or flooded intake applications
- Flows up to 400 GPM
- Motor range: 5 to 30 HP
- Voltage options
240/1 phase - 208/3 phase - 240/3 phase -
480/3 phase

Precise pressure regulation

WaterMax CLT Pumping Systems are prefabricated, self-contained and incorporate the latest VFD technology to provide smooth, accurate, surge-free and energy efficient performance at varying flow rates. No more "water hammer" starts and stops typical of constant speed pump systems. Whether your application is for a lake or pond supplied estate system, a boosted city pressure athletic field or commercial irrigation system, the CLT Series can provide the water and pressure desired up to 400 GPM or 140 PSI.

A system built to withstand tough conditions for many years

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.

The system features a 14 gauge weather resistant metal enclosure, corrosion resistant stainless steel hardware and a fabricated steel base assembly that is reinforced to provide adequate support and rigidity.

The Watertronics promise

Every WaterMax System is fully performance tested at field conditions prior to shipment and arrives at the job site ready to work.

All WaterMax Products carry a 1 year limited warranty against defects in materials and workmanship.



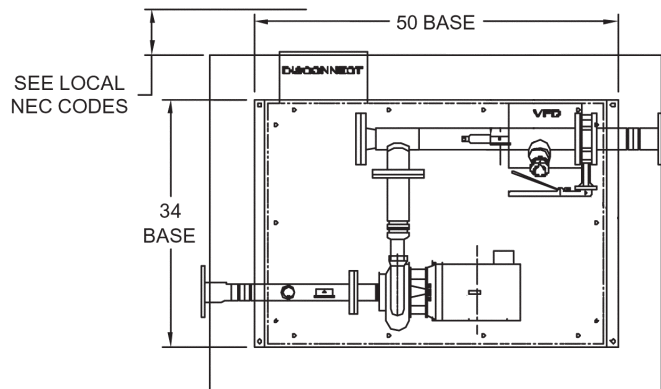
- Pumping system with a wide range of heavy duty, energy efficient pump/motor combinations
- Energy-efficient VFD system provides a surge-free soft start
- Pump Service Network (PSN) provides nationwide technical service for installation, start-up, user training and maintenance

Standard Features

- NEMA 3R service rated main disconnect panel
- U.L. listed control panel
- VFD pressure regulation with surge-free soft starting
- Multi-line operator interface display
- Alarms:
 - Low pressure shutdown
 - High pressure shutdown
 - VFD fault shutdown
 - High pump temperature shutdown
 - Motor overload shutdown
 - Phase loss (3 phase only)
- Lightning surge protection
- Pressure drop starting
- Stainless steel pressure transducer
- Flow sensor
- Pump construction features include a bronze impeller and a cast iron volute with back pullout design
- Discharge isolation valve
- Priming port for suction lift application
- Positive prime assembly on lift application
- Foot valve for lift application
- Engineered, forced air cooled, 14 gauge steel enclosure with lockable lid
- Powder coat or baked polyurethane industrial finish on enclosure & base
- Industrial grade pipe coating system
- Stainless steel fasteners
- Performance run tested prior to shipment

Available Options

- Full flow bypass line with three isolation valves
- Suction & Discharge drop pipes
- Floating intake suction pipe assembly with foot valve
- Stainless steel or marine-grade aluminum enclosure
- Medium Green or Sandstone color options
- Internal sound dampening insulation
- Dead-front service disconnect panel
- Thermostatically controlled enclosure heater
- 24 volt controller start (up to 3 additional)
- Flow start (booster application only)
- Vandal resistant alarm light



TOP VIEW

37-5/8" enclosure height on 5 to 15 HP models
46-5/8" enclosure height on 20 to 30 HP models

CLT Pump Station Selection Chart

