



# WaterMax RLT

## The efficient pumping system up to 85 GPM

- For suction lift, boost or flooded intake applications
- Flows up to 85 GPM
- Motor range: 3 HP, 5 HP, 7.5 HP
- Voltage options  
240/1 phase - 208/3 phase - 240/3 phase - 480/3 phase

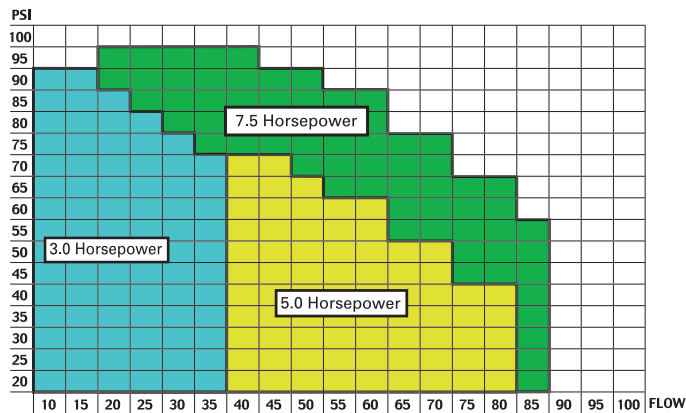
### Precise pressure regulation

WaterMax RLT Pumping Systems 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 RLT Series can provide the water and constant pressure desired up to 85 GPM or 95 PSI.

### 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.



Performance chart is based on a 5 foot suction lift.  
Add 2 PSI for booster performance

- 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



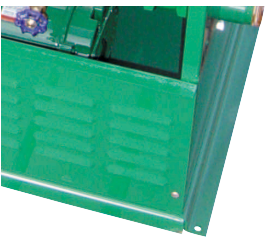
**NEMA 3R service rated, fused main disconnect with lightning surge protection to safeguard station electronic components from power surge.**



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



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



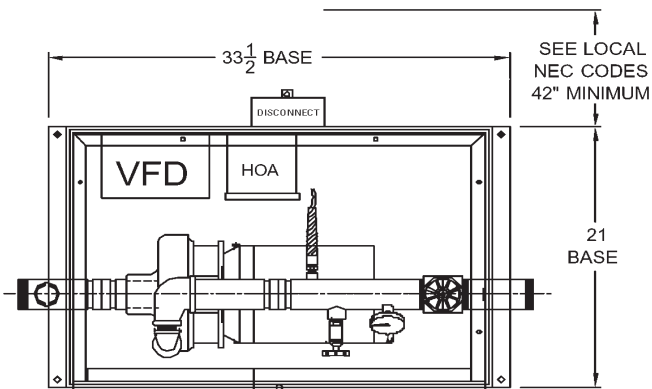
**A multi-step coating system which includes metal preparation, rust-inhibitive, baked epoxy prime coat, and a two-part ultraviolet insensitive baked polyurethane finish is used to produce a long lasting, rust-free and professional looking product.**

## Standard Features & Benefits

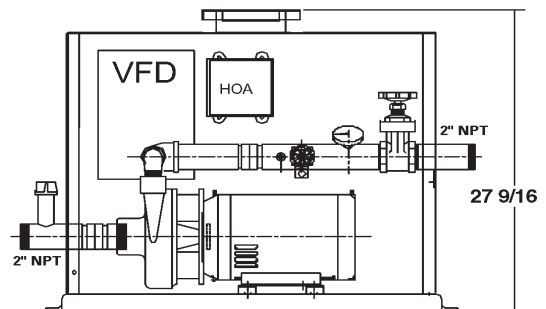
- NEMA 3R service rated, fused main disconnect with lightning surge protection to safeguard station electronic components from power surge.
- Variable Frequency Drive for constant pressure, variable flow and surge free soft starting
  - Multi-line operator interface display
  - Alarms: High pump temperature shutdown to protect pump from loss of prime  
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



TOP VIEW



SIDE VIEW