



# DIAGNOSTIC PUMP CONTROLLER

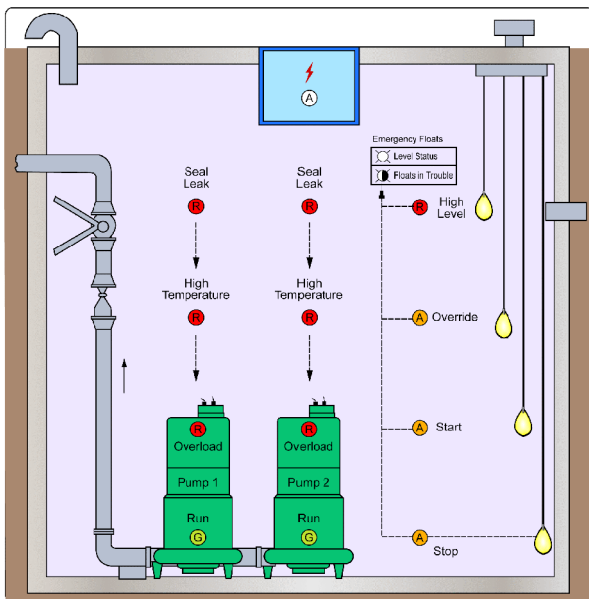
# PC4500

*Introducing the PC 4500 series intelligent sump pump controller. A 21st century controller designed for enhanced performance and worry-free operation.*

**Simplex** (1/4 HP – 50 HP)  
**Duplex** (120v, 240v - 1Ø)  
**Triplex** (208v, 480v, 575v - 3Ø)

### FEATURES:

- Micro Processor base
- Automatic Pump Operation
- Accepts Float Regulators
- Front Graphic System Design
- Any float regulator malfunctions will indicate an alarm condition and will automatically compensate for the remaining floats
- Monitor motor failure for open circuit, wiring burn out and open circuit breaker
- Service Warning Signal (5000 Operations)
- System can be monitored or remote controlled by telephone line (optional)
- Motor Contractor and Circuit Protector
- UL approved



Northwest Tech-Con System's PC4500 intelligent controller is specifically designed to increase the reliability and versatility of pumping systems. NWTC's comprehensive design and convenient built-in features now makes the operation of pump stations easier than ever. The Pump Controller's diagnostic operation is designed to control an unlimited amount of horsepower, with modular components that ensures easy troubleshooting and maintenance. The PC-4500 intelligent pump system is designed to transfer fluid from a sump tank to another area based on input from float switches depending on fluid levels. The controller engages the lead, lag or alternates the pumps. It also engages a visual and audible alarm to indicate high level, pump failures, overloads, seal leaks, high motor temperatures and float regulator malfunctions. Should any float regulators fail, the controller automatically reconfigures the float designations and maintains the operation. It can continually update the system until it runs out of operating floats and pumps.

| Ordering Information       |         |                   |
|----------------------------|---------|-------------------|
| S-PC4500                   | — 280 — | A B E             |
| D-PC4500                   |         |                   |
| T-PC4500                   | Voltage | Options by Letter |
| Simplex / Duplex / Triplex |         |                   |