

# MODEL DTD Control Panel

## Single phase, duplex timed dosing pump control.

The Model DTD control panel provides a reliable means of controlling two single phase 120, 208, or 240 VAC pumps in onsite septic installations. A programmable timer, in conjunction with an alternating circuit board, alternately activates the magnetic contactors to turn the pumps on and off and equalize pump wear. A low level cutout float overrides the timer to prevent the pump from running dry. An alarm float activates the audio/visual alarm system indicating a high liquid level. Common applications include sand filter systems, pressure distribution systems, mound systems, or any application requiring timed dose control.

## PANEL COMPONENTS

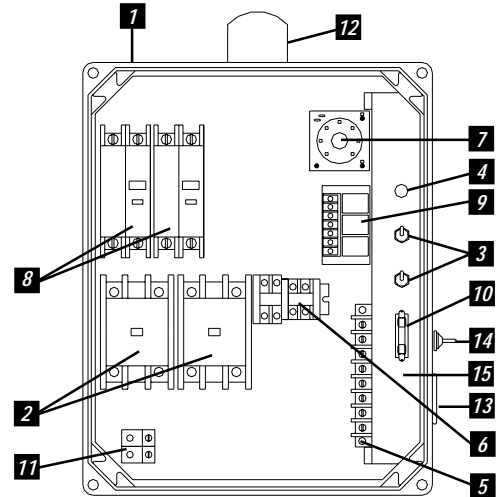
1. **Enclosure** measures 14 x 12 x 6 inches (35.56 x 30.48 x 15.24 cm); NEMA 4X (ultraviolet stabilized thermoplastic with removable flanges for outdoor or indoor use).
2. **Magnetic Motor Contactors** control pumps by switching electrical lines.
3. **HOA Switches** for manual pump control.
4. **Control/Alarm Fuse**
5. **Float Switch Terminal Block**
6. **Incoming Power Terminal Block**
7. **Programmable Timer** with separate variable controls allows for setting the on and off times from .05 seconds to 30 hours.
8. **Pump Circuit Breakers** provides pump disconnects and branch circuit protection.
9. **Alternating Circuit Board** provide pump control and alternation (U.S. Patent 5,909,352).
10. **Spare Fuse**
11. **Ground Lugs**

**NOTE:** Timer Installation Label, Field Wiring Diagram and Pump/Float Switch Installation Specification Label are located inside the panel on enclosure cover.

## STANDARD ALARM PACKAGE

12. **Red Alarm Beacon** provides 360° visual check of alarm condition.
13. **Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating).
14. **Exterior Alarm Test/Normal/Silence Switch** allows horn and light to be tested and horn to be silenced in an alarm condition. Alarm automatically resets once alarm condition is cleared.
15. **Horn Silence Relay** (mounted under bracket).

**NOTE:** other options available.



*Model Shown DTD1W104X*

## FEATURES

- Entire control system (panel and switches) is UL Listed to meet and/or exceed industry safety standards
- Dual safety certification for the United States and Canada
- Standard package includes one 20' SJE PumpMaster® pump switch and one 20' Sensor Float® control switch
- Complete with step-by-step installation instructions
- Three-year limited warranty



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