

MODEL TD Control Panel

Single phase, simplex timed dosing pump control.

The Model TD control panel provides a reliable means of controlling one single phase pump in onsite septic installations. A programmable timer activates a magnetic motor contactor to turn the pump on and off. 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 a timed dose.

PANEL COMPONENTS

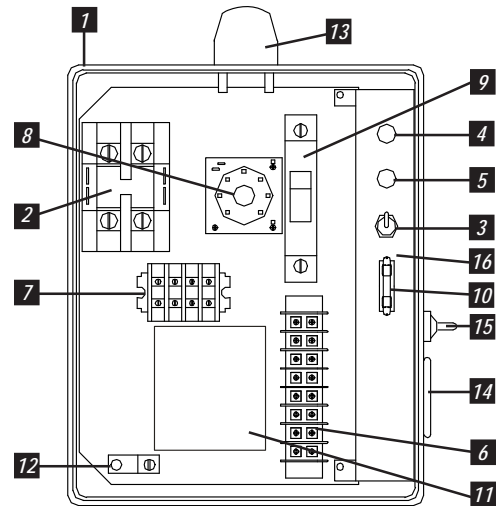
1. **Enclosure** measures 10 x 8 x 4 inches (25.40 x 20.32 x 10.16 cm) NEMA 4X (ultraviolet stabilized thermoplastic with removable mounting feet for outdoor or indoor use).
2. **Magnetic Motor Contactor** controls pump by switching electrical lines.
3. **HOA Switch** for manual pump control.
4. **Control Fuse**
5. **Alarm Fuse**
6. **Float Switch Terminal Block**
7. **Incoming Power Terminal Block**
8. **Programmable Timer** with separate variable controls allows for setting the on and off times from .05 seconds to 30 hours.
9. **Circuit Breaker** provides pump disconnect and branch circuit protection.
10. **Spare Fuse**
11. **Backplate Label** includes diagram of float, pump, and power connections.
12. **Ground Lug**

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

STANDARD ALARM PACKAGE

13. **Red Alarm Beacon** provides 360° visual check of alarm condition.
14. **Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating).
15. **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.
16. **Horn Silence Relay** (mounted under bracket).

NOTE: other options available.



Model Shown TD1W914X

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 two 20' SJE PumpMaster® pump switches
- Complete with step-by-step installation instructions
- Three-year limited warranty



SJE
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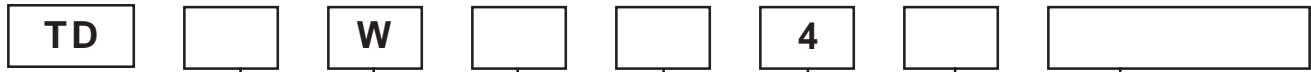
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SEE BACKSIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.



MODEL TD

ALARMPACKAGE

0 = select option (If you select "0", you must select option 1F)
 1 = alarm package (includes test/normal/silence switch, red beacon, horn)

ENCLOSURE RATING

W = Weatherproof, NEMA 4X (engineered thermoplastic)

STARTING DEVICE

1 = magnetic motor contactor 120/208/240V
 9 = magnetic motor contactor 120V only

PUMP FULL LOAD AMPS

0 = 0-7 FLA
 1 = 7-15 FLA
 2 = 15-20 FLA

PUMP DISCONNECTS

4 = circuit breaker

FLOAT SWITCH APPLICATION

H = 20' low level cutout (select 17 or 21 option)
 X = no floats

OPTIONS *Listed below*

If additional features are required, call the factory for a quote on an Engineered Custom control panel.

CODE DESCRIPTION

- 1F Door mounted alarm indicator with horn and test/normal/silence switch (must select "0" as an alarm package)
- 4B Redundant off, alarm activation, red indicator light (must select option "4D" if floats included)
- 4D Redundant off float
- 4E Redundant off float, alarm activation (20' SJE PumpMaster® SPDT)
- 6A Normally open dry auxiliary alarm contacts
- 8A Elapsed time meter
- 8C Event (cycle) counter

CODE DESCRIPTION

- 10E Lockable latch
- 10K Anti-condensation heater
- 16A 10' cord in lieu of 20' (per float)
- 16B 15' cord in lieu of 20' (per float)
- 16C 30' cord in lieu of 20' (per float)
- 16D 40' cord in lieu of 20' (per float)
- 17E Sensor Float® Mini (redundant off, high level alarm) ▲ (per float)
- 18A Timer override float (20' SJE PumpMaster®) ●
- 19X Externally mounted pump run indicator
- 21E SJE PumpMaster® (redundant off, high level alarm) ● (per float)

● Mechanically-activated ▲ Mercury-activated

SAMPLE

