

# 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

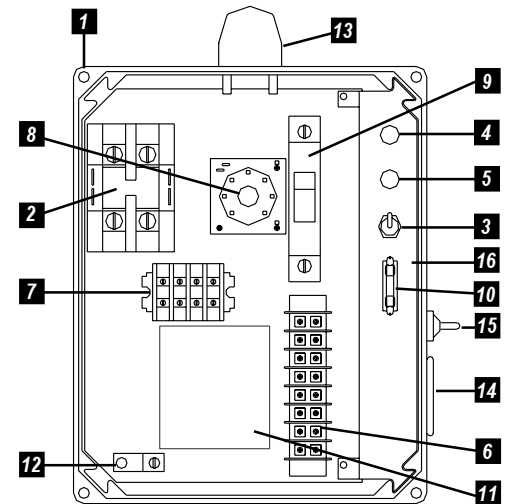
1. **Enclosure** measures 10 x 8 x 4 inches (25.40 x 20.32 x 10.16 cm) NEMA 4X (ultraviolet stabilized thermoplastic with removable flanges for outdoor or indoor use).
2. **Magnetic Motor Contactor** controls pump by switching electrical lines.
3. **HOA Switch** for manual pump control.
4. **Control 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 one 20' SJE PumpMaster® pump switch and one 20' Sensor Float® control switch
- Complete with step-by-step installation instructions
- Three-year limited warranty



## PRICING/ORDERING INFORMATION

Model Number	Horsepower/ AC Voltage	Full Load Amp	List Price	Shipping Weight
TD1W904H	1 HP/120 VAC	0-7 FLA	\$590.00	19 lbs.
TD1W914H	1 HP/120 VAC	7-15 FLA	\$590.00	19 lbs.
TD1W924H	1 HP/120 VAC	15-20 FLA	\$590.00	19 lbs.
TD1W104H	2 HP/120/208/240 VAC	0-7 FLA	\$650.00	19 lbs.
TD1W114H	2 HP/120/208/240 VAC	7-15 FLA	\$650.00	19 lbs.
TD1W124H	2 HP/120/208/240 VAC	15-20 FLA	\$650.00	19 lbs.

SEE BACKSIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.

**SJE**  
**Rhombus**  
CONTROLS

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TD      W      4

MODEL TD ..... \$590.00

- ALARMPACKAGE
  - 0 = select option (If you select "0", you must select option 1F) ..... - \$ 20.00
  - 1 = alarm package (includes test/normal/silence switch, red beacon, horn) ..... Base
- ENCLOSURERATING
  - W = Weatherproof, NEMA 4X (engineered thermoplastic) ..... Base
- STARTINGDEVICE
  - 1 = magnetic motor contactor 120/208/240V ..... \$ 60.00
  - 9 = magnetic motor contactor 120V only ..... Base
- PUMP FULL LOAD AMPS
  - 0 = 0-7 FLA ..... Base
  - 1 = 7-15 FLA ..... Base
  - 2 = 15-20 FLA ..... Base
- PUMP DISCONNECTS
  - 4 = circuit breaker ..... Base
- FLOAT SWITCH APPLICATION
  - H = 20' low level cutout (20' SJE PumpMaster®, gray), high level alarm floats (20' Sensor Float® Mini, black) Base
  - X = no floats ..... - \$ 60.00

OPTIONS Listed below

Total Options \_\_\_\_\_  
**TOTAL LIST PRICE** \_\_\_\_\_

**If additional features are required, call the factory for a quote on either a SJE-Rhombus Pro-Line or Engineered Custom control panel system.**

CODE DESCRIPTION LIST PRICE	CODE DESCRIPTION LIST PRICE
<input type="checkbox"/> 1F Door mounted alarm indicator with horn.... \$30.00 (must select "0" as an alarm package)	<input type="checkbox"/> 10E Lockable latch ..... \$20.00
<input type="checkbox"/> 4B Redundant off, alarm activation, red indicator light ..... \$55.00 (must select option "4D" if floats included)	<input type="checkbox"/> 10K Anti-condensation heater ..... \$60.00
<input type="checkbox"/> 4D Redundant off float ..... \$25.00 (20' Sensor Float® Mini)	<input type="checkbox"/> 16A 10' cord in lieu of 20' (per float) ..... - \$2.00
<input type="checkbox"/> 4E Redundant off float, alarm activation ..... \$40.00 (20' SJE PumpMaster® SPDT)	<input type="checkbox"/> 16B 15' cord in lieu of 20' (per float) ..... - \$1.00
<input type="checkbox"/> 6A Normally open dry auxiliary alarm contacts \$40.00	<input type="checkbox"/> 16C 30' cord in lieu of 20' (per float) ..... \$5.00
<input type="checkbox"/> 8A Elapsed time meter ..... \$55.00	<input type="checkbox"/> 16D 40' cord in lieu of 20' (per float) ..... \$15.00
<input type="checkbox"/> 8C Event (cycle) counter ..... \$55.00	<input type="checkbox"/> 18A Timer override float (20' SJE PumpMaster®) ..... \$40.00
	<input type="checkbox"/> 19X Externally mounted pump run indicator... \$30.00
	<input type="checkbox"/> 21E SJE PumpMaster® in lieu of Sensor Float® Mini (per float) ..... \$5.00

**SAMPLE**

<p>MODEL      TD      1      W      9      1      4      H      4E 18A</p> <p>Alarm Package ..... 1</p> <p>Enclosure Rating ..... W</p> <p>Starting Device ..... 9</p> <p>Pump Full Load Amps ..... 1</p> <p>Pump Disconnect ..... 4</p> <p>Float Switch Application ..... H</p> <p>Option: Redundant off float, Timer override float ..... 4E 18A</p>	<p>LIST PRICE TD ..... \$590.00</p> <p>1 ..... Base</p> <p>W ..... Base</p> <p>9 ..... Base</p> <p>1 ..... Base</p> <p>4 ..... Base</p> <p>H ..... Base</p> <p>4E ..... \$40.00</p> <p>18A ..... \$40.00</p> <hr/> <p><b>TOTAL LIST PRICE \$670.00</b></p>
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