

# MODEL TD Control Panel

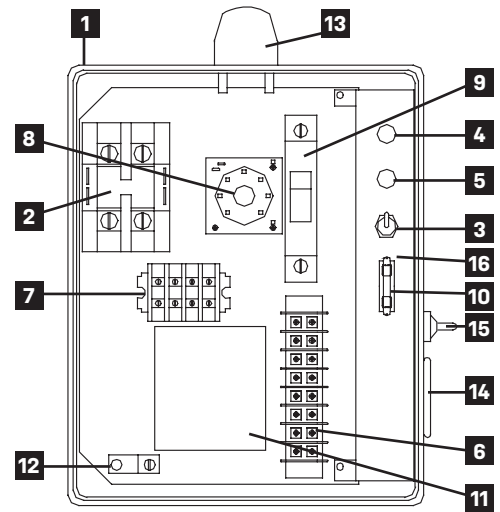
## Single phase, simplex timed dosing pump control.

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.



Model Shown TD1W914X

## 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.



## 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' float switches
- Available with EZconnex® float system
- Complete with step-by-step installation instructions
- Five-year limited warranty

## OPTIONAL FEATURE

- 34" (86.36cm) Panel Mounting Post** (Factory Installed). Includes Duplex Installation Kit (Enclosure upsized to 10" x 8" x 6" (25.4 x 20.32 x 15.24 cm). Max. Enclosure size 14" x 12" x 6" (35.56 x 30.48 x 15.24 cm)



**SJE RHOMBUS**

PO Box 1708, Detroit Lakes, MN 56502  
1-888-DIAL-SJE • 1-218-847-1317  
1-218-847-4617 Fax

email: [customer.service@sjeinc.com](mailto:customer.service@sjeinc.com)

[www.sjehombus.com](http://www.sjehombus.com) B.61

SEE REVERSE SIDE FOR ORDERING INFORMATION.

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**MODEL TD** ..... \$833.00

- ALARM PACKAGE**
- 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
- ENCLOSURE RATING**
- W = Weatherproof, NEMA 4X (engineered thermoplastic) ..... Base
- STARTING DEVICE**
- 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 (select 17 or 21 option)..... Base
- E = EZconnex® float switch system (select 33, 35 or 36 option) ..... - \$60.00
- X = no floats..... - \$60.00

**OPTIONS** *Listed below*

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

CODE	DESCRIPTION	LIST PRICE
<input type="checkbox"/> 1F	Door mounted alarm indicator with horn..... <i>(must select "0" as an alarm package)</i>	\$30.00
<input type="checkbox"/> 4B	Red redundant off indicator and alarm ..... <i>(must select option "4D" if floats included)</i>	\$55.00
<input type="checkbox"/> 4D	Redundant off float .....	\$25.00
<input type="checkbox"/> 4E	Redundant off float, alarm activation..... <i>(20' SJE PumpMaster® SPDT)</i>	\$40.00
<input type="checkbox"/> 6A	Auxiliary alarm contact, form A.....	\$40.00
<input type="checkbox"/> 8A	Elapsed time meter.....	\$55.00
<input type="checkbox"/> 8C	Event (cycle) counter.....	\$55.00
<input type="checkbox"/> 10E	Lockable latch.....	\$20.00
<input type="checkbox"/> 10K	Anti-condensation heater .....	\$100.00
<input type="checkbox"/> 10P	Panel Mounting Post (Factory Installed. Includes Duplex Install. Kit)(Encl. upsized to 10x8x6.Max 14x12x6).....	\$110.00
<input type="checkbox"/> 16A	10' cord in lieu of 20' <i>(per float)</i> .....	-\$2.00
<input type="checkbox"/> 16B	15' cord in lieu of 20' <i>(per float)</i> .....	-\$1.00
<input type="checkbox"/> 16C	30' cord in lieu of 20' <i>(per float)</i> .....	\$5.00
<input type="checkbox"/> 16D	40' cord in lieu of 20' <i>(per float)</i> .....	\$15.00
<input type="checkbox"/> 17E	Sensor Float® Mini (redundant off, high level alarm) ▲ <i>(per float)</i> .....	\$4.00
<input type="checkbox"/> 18A	Timer override float (20' SJE PumpMaster®) ● .....	\$40.00
<input type="checkbox"/> 19X	Door mounted pump run indicator.....	\$30.00
<input type="checkbox"/> 21E	SJE PumpMaster® (redundant off, high level alarm) ● <i>(per float)</i> .....	\$5.00

CODE	DESCRIPTION	LIST PRICE
<input type="checkbox"/> 33U	EZconnex® 3-Port, 50', w/10' floats (3) / pipe clamp * .....	\$304.00
<input type="checkbox"/> 35U	EZconnex® 4-Port, 50', w/10' floats (4) / pipe clamp *.....	\$424.00
<input type="checkbox"/> 36E	EZconnex® 3-Port, 50', w/10' floats (2) / pipe clamp, sealing plug *.....	\$268.00

● Mechanically-activated ▲ Mercury-activated  
 \* EZconnex® mechanically-activated, narrow angle float switches with quick release connections