

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).

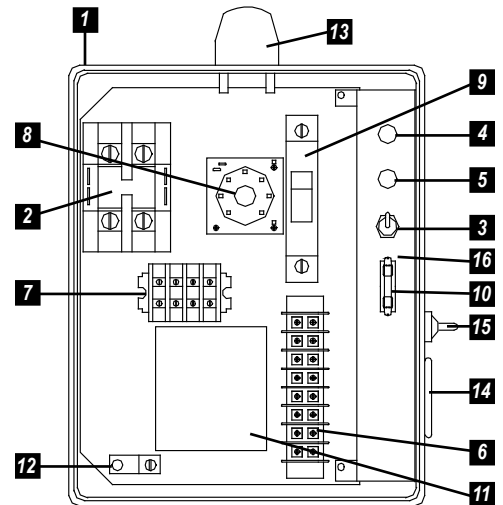
NOTE: other options available.

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 float switches
- 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)



Model Shown TD1W914X



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SEE BACKSIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.

TD W 4

MODEL TD

\$809.00

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
- 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 and test/normal/silence switch <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 (20' SJE PumpMaster® SPDT)	\$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

CODE	DESCRIPTION	LIST PRICE
<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>	\$0.00
<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

● Mechanically-activated ▲ Mercury-activated

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

SAMPLE

MODEL	TD	1	W	9	1	4	H	4E 18A 21E	TOTAL LIST PRICE	\$894.00
Alarm Package		1							1	Base
Enclosure Rating			W						W	Base
Starting Device				9					9	Base
Pump Full Load Amps					1				1	Base
Pump Disconnect						4			4	Base
Float Switch Application							H		H	Base
Options: Redundant off float, Timer override float, SJE PumpMaster®								4E	4E	\$40.00
								18A	18A	\$40.00
								21E	21E	\$5.00