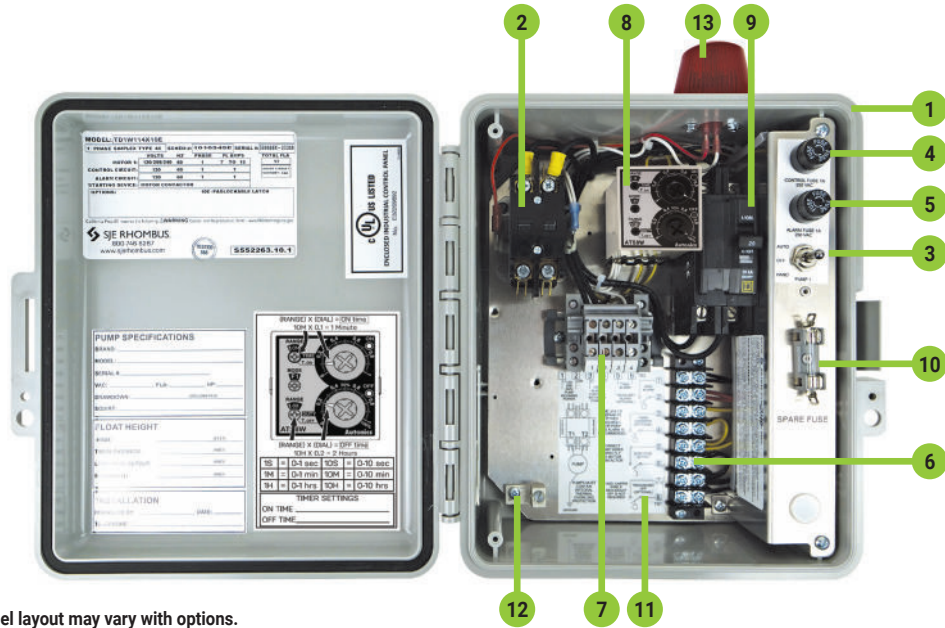


# MODEL TD CONTROL PANEL

Single Phase, Simplex Timed Dosing Pump Control



Panel layout may vary with options.

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. This panel is available with optional EZconnex® float connection system.

## COMPONENTS

1. Enclosure measures 10 x 8 x 4 inches (25 x 20 x 10 cm) NEMA 4X (ultraviolet stabilized thermoplastic) for indoor or outdoor 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 .1 seconds to 10 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
13. Red LED beacon provides 360° visual check of alarm condition
14. Alarm horn provides audio warning of alarm condition (83 to 85 decibel rating) (Not shown)
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 (Not shown)
16. Horn silence relay (No shown - mounted under bracket)

**Note: Other options available.**

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



**MODEL TD - Single phase, simplex timed dosing pump control.**

<b>TD</b> CONTROL PANEL	<b>ALARM PACKAGE</b>	<b>W</b> ENCLOSURE RATING	<b>STARTING DEVICE</b>	<b>PUMP FULL LOAD AMPS</b>	<b>4</b> PUMP DISCONNECTS	<b>FLOAT SWITCH APPLICATION</b>	<b>10E</b> OPTIONS (LISTED BELOW)
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<b>CONTROL PANEL</b>	✓	TD	Single Phase Simplex Timed Dosing
<b>ALARM PACKAGE</b>		0	Select Options (select Option 1F below)
		1	Alarm Package (includes test/normal/silence switch, red light, & horn)
<b>ENCLOSURE RATING</b>	✓	W	Weatherproof, NEMA 4X (engineered thermoplastic)
<b>STARTING DEVICE</b>		1	Magnetic Motor Contactor 120/208/240V
		9	Magnetic Motor Contactor 120V only
<b>PUMP FULL LOAD AMPS</b>		0	0 - 7 FLA
		1	7 - 15 FLA
		2	15 - 20 FLA
<b>PUMP DISCONNECTS</b>	✓	4	Circuit Breaker
<b>FLOAT SWITCH APPLICATION</b>		H	Pump Down - 20' Low Level Cutout (select Option 17W below) (all systems will ship with 2 floats by default)
		E	EZconnex® Float Switch System (select Option 33, 35 or 36 below)
		X	No Floats

**PRICING WORKSHEET**

**Model TD Base Price** \_\_\_\_\_

Alarm Package \_\_\_\_\_

Enclosure Rating \_\_\_\_\_

Starting Device \_\_\_\_\_

Pump Full Load Amps \_\_\_\_\_

Float Switch Application \_\_\_\_\_

Total Options \_\_\_\_\_

**TOTAL LIST PRICE** \_\_\_\_\_

OPTIONS	DESCRIPTION
1F	Door Mounted Alarm Indicator with Horn and Test/Normal/Silence Switch (must select "0" for <b>ALARM PACKAGE</b> )
4B	Red Redundant Off Indicator & Alarm (must also select Option 4D if floats are required)
4D	Redundant Off Float
4E	Redundant Off Float, Alarm Activation (20' SJE SignalMaster® SPDT)
6A	Auxiliary Alarm Contact, Form A
8A	Elapsed Time Meter
8C	Event (Cycle) Counter
✓ 10E	<b>Lockable Latch - NEMA 4X (included as standard)</b>
10K	Anti-condensation Heater

OPTIONS	DESCRIPTION
16A	10' Cord in Lieu of 20' Cord (per float)
16B	15' Cord in Lieu of 20' Cord (per float)
16C	30' Cord in Lieu of 20' Cord (per float)
16D	40' Cord in Lieu of 20' Cord (per float)
17W	SJE MilliAmpMaster™ Wide-Angle / Pipe Clamp
18A	Timer Override Float
19X	Door Mounted Pump Run Indicator
33U	EZconnex® 3-Port, 50', with 10' Floats (3) / Pipe Clamp
35U	EZconnex® 4-Port, 50', with 10' Floats (4) / Pipe Clamp
36U	EZconnex® 3-Port, 50', with 10' Floats (2) / Pipe Clamp, Sealing Plug

California Prop 65 requires the following:  WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov