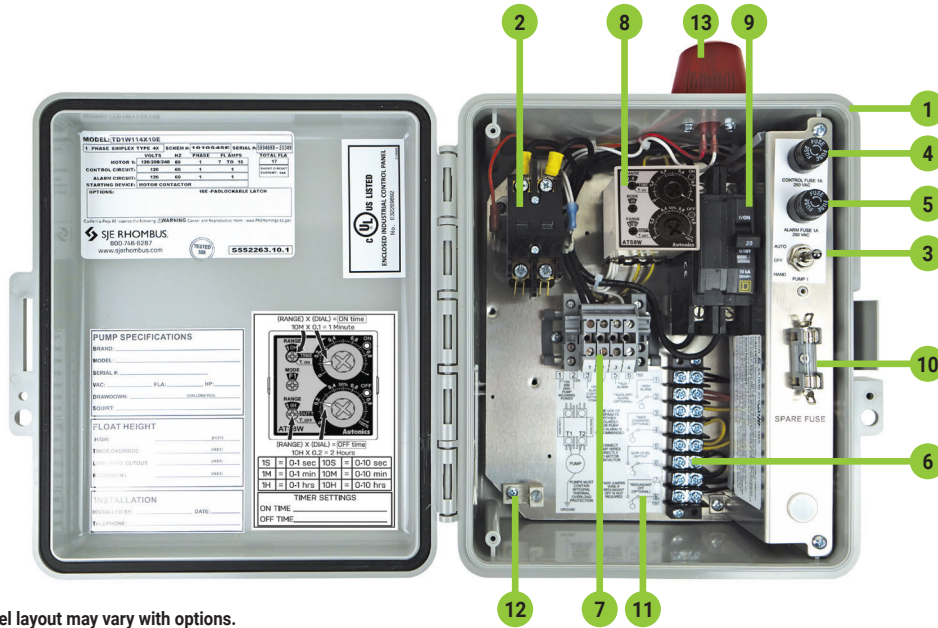


MODEL TD CONTROL PANEL

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.

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)

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 .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.

TD CONTROL PANEL	ALARM PACKAGE	W ENCLOSURE RATING	STARTING DEVICE	PUMP FULL LOAD AMPS	4 PUMP DISCONNECTS	FLOAT SWITCH APPLICATION	OPTIONS (LISTED BELOW)
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CONTROL PANEL	✓	TD	Single Phase Simplex Timed Dosing
ALARM PACKAGE		0	Select Options (select Option 1F below)
		1	Alarm Package (includes test/normal/silence switch, red light, & 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	Pump Down - 20' Low Level Cutout (select Option 17 or 21 below)
		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 ALARM PACKAGE)
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 PumpMaster® SPDT)
6A	Auxiliary Alarm Contact, Form A
8A	Elapsed Time Meter
8C	Event (Cycle) Counter
10E	Lockable Latch
10K	Anti-condensation Heater
10P	Panel Mounting Post - Factory Installed, Includes Duplex Installation Kit (Enclosure Upsized to 10x8x6, Max 14x12x6)

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)
17E	Sensor Float® Mini - Redundant Off, High Level Alarm (per Float) - Mercury
18A	Timer Override Float (20' SJE PumpMaster®) - Mechanical
19X	Door Mounted Pump Run Indicator
21E	SJE PumpMaster® - Redundant Off, High Level Alarm (per float) - Mechanical
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