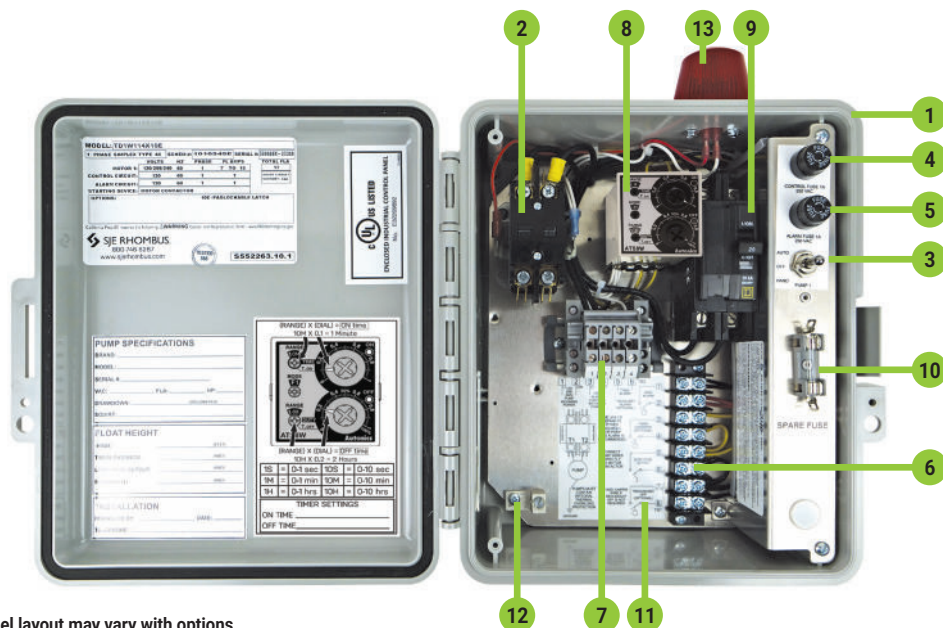# MODEL TD CONTROL PANEL
Single Phase, Simplex Timed Dosing Pump Control

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.

SJE RHOMBUS®

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

TD	1	W			4		10E
CONTROL PANEL	**ALARM PACKAGE**	**ENCLOSURE RATING**	**STARTING DEVICE**	**PUMP FULL LOAD AMPS**	**PUMP DISCONNECTS**	**LEVEL CONTROL APPLICATION**	**OPTIONS (LISTED BELOW)**

CONTROL PANEL	✓	TD	Single Phase Simplex Timed Dosing	$1,127.85	
ALARM PACKAGE	✓	1	Alarm Package (includes test/normal/silence switch, red light, & horn)	Base	
ENCLOSURE RATING	✓	W	Weatherproof, NEMA 4X (engineered thermoplastic)	Base	
STARTING DEVICE		1	Magnetic Motor Contactor 120/208/240V	$86.52	
		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	
LEVEL CONTROL APPLICATION		H	Pump Down - 20' Low Level Cutout (select Option 17W below) (all systems will ship with 2 floats by default)	See Options	
		X	No Floats	Base	

PRICING WORKSHEET

Model TD Base Price	**$1,127.85**
Alarm Package	_____
Enclosure Rating	_____
Starting Device	_____
Pump Full Load Amps	_____
Level Control Application	_____
Total Options	_____
TOTAL LIST PRICE	_____

	OPTIONS	DESCRIPTION	LIST PRICE
	4B	Red Redundant Off Indicator & Alarm (must also select Option 4D if floats are required)	$87.55
	4D	Redundant Off Float	$40.17
	4E	Redundant Off Float, Alarm Activation (20' SJE SignalMaster® SPDT)	$66.95
	6A	Auxiliary Alarm Contact, Form A	$56.65
	8A	Elapsed Time Meter	$108.15
	8C	Event (Cycle) Counter	$88.58
✓	**10E**	**Lockable Latch - NEMA 4X (included as standard)**	**$0.00**
	10K	Anti-condensation Heater	$149.35

OPTIONS	DESCRIPTION	LIST PRICE
16C	30' Cord in Lieu of 20' Cord (per float)	$8.24
16D	40' Cord in Lieu of 20' Cord (per float)	$16.48
17W	SJE MilliAmpMaster™ Wide-Angle / Pipe Clamp	$80.34
18A	Timer Override Float	$40.17
19X	Door Mounted Pump Run Indicator	$108.15

For additional control panel options, please contact Technical Support at techsupport@sjeinc.com.