

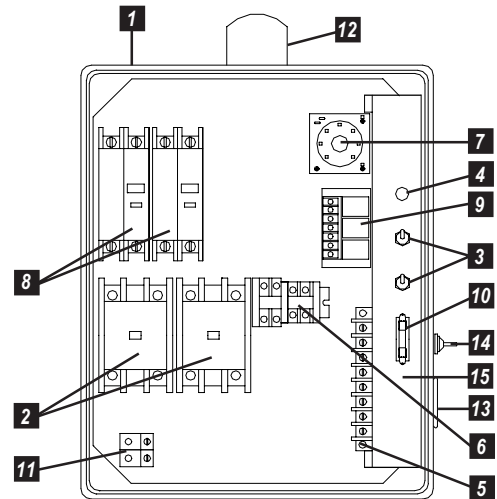
MODEL DTD Control Panel

Single phase, duplex timed dosing pump control.

The Model DTD control panel provides a reliable means of controlling two single phase 120, 208, or 240 VAC pumps in onsite septic installations. A programmable timer, in conjunction with an alternating circuit board, alternately activates the magnetic contactors to turn the pumps on and off and equalize pump wear. 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 timed dose control.

PANEL COMPONENTS

1. **Enclosure** measures 14 x 12 x 6 inches (35.56 x 30.48 x 15.24 cm); NEMA 4X (ultraviolet stabilized thermoplastic with removable mounting feet for outdoor or indoor use).
2. **Magnetic Motor Contactors** control pumps by switching electrical lines.
3. **HOA Switches** for manual pump control.
4. **Control/Alarm Fuse**
5. **Float Switch Terminal Block**
6. **Incoming Power Terminal Block**
7. **Programmable Timer** with separate variable controls allows for setting the on and off times from .05 seconds to 30 hours.
8. **Pump Circuit Breakers** provide pump disconnects and branch circuit protection.
9. **Alternating Circuit Board** provides pump control and alternation (U.S. Patent 5,909,352).
10. **Spare Fuse**
11. **Ground Lugs**



Model Shown DTD1W104X

NOTE: Timer Installation Label, Field Wiring Diagram and Pump/Float Switch Installation Specification Label are located inside the panel on enclosure cover.

STANDARD ALARM PACKAGE

12. **Red Alarm Beacon** provides 360° visual check of alarm condition.
13. **Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating).
14. **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.
15. **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 one 20' SJE PumpMaster® pump switch and one 20' Sensor Float® control switch
- Complete with step-by-step installation instructions
- Three-year limited warranty



PRICING/ORDERING INFORMATION

Model Number	Horsepower/ AC Voltage	Full Load Amps	List Price	Shipping Weight
DTD1W904H	1HP/120 VAC	0-7 FLA	\$1276.00	20 lbs.
DTD1W124H	2HP/120/208/240 VAC	15-20 FLA	\$1336.00	20 lbs.



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DTD		W			4			
MODEL DTD							\$1,276.00	
ALARMPACKAGE								
<input type="checkbox"/>	0 = select option (If you select "0", you must select option 1F)						-\$20.00	
<input type="checkbox"/>	1 = alarm package (includes test/normal/silence switch, red beacon, horn)						Base	
ENCLOSURERATING								
<input checked="" type="checkbox"/>	W = Weatherproof, NEMA 4X (engineered thermoplastic)						Base	
STARTING DEVICE								
<input type="checkbox"/>	1 = magnetic motor contactor 120/208/240V						\$60.00	
<input type="checkbox"/>	9 = magnetic motor contactor 120V only						Base	
PUMP FULL LOAD AMPS								
<input type="checkbox"/>	0 = 0-7 FLA						Base	
<input type="checkbox"/>	1 = 7-15 FLA						Base	
<input type="checkbox"/>	2 = 15-20 FLA						Base	
<input type="checkbox"/>	3 = 20-30 FLA						\$50.00	
PUMP DISCONNECTS								
<input checked="" type="checkbox"/>	4 = circuit breaker						Base	
FLOAT SWITCH APPLICATION								
<input type="checkbox"/>	H = 20' low level cutout (20' SJE PumpMaster®, gray), high level alarm float (20' Sensor Float®, black)						Base	
<input type="checkbox"/>	X = no floats						-\$60.00	

OPTIONS *Listed below*

Total Options _____
TOTAL LIST PRICE _____

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

CODE	DESCRIPTION	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" for alarm package)</i>	\$30.00	<input type="checkbox"/>	10E Lockable latches	\$30.00
<input type="checkbox"/>	4B Redundant off, alarm activation, red indicator <i>(must select option 4D if floats included)</i>	\$90.00	<input type="checkbox"/>	10K Anti-condensation heater	\$100.00
<input type="checkbox"/>	4D Redundant off float (20' Sensor Float®)	\$25.00	<input type="checkbox"/>	16A 10' cord in lieu of 20' <i>(per float)</i>	-\$2.00
<input type="checkbox"/>	4E Redundant off float, alarm activation (20' SJE PumpMaster® SPDT)	\$40.00	<input type="checkbox"/>	16B 15' cord in lieu of 20' <i>(per float)</i>	- 1.00
<input type="checkbox"/>	6A Normally open dry auxiliary alarm contacts	\$50.00	<input type="checkbox"/>	16C 30' cord in lieu of 20' <i>(per float)</i>	\$ 5.00
<input type="checkbox"/>	8A Elapsed time meters	\$110.00	<input type="checkbox"/>	16D 40' cord in lieu of 20' <i>(per float)</i>	\$15.00
<input type="checkbox"/>	8C Event (cycle) counters	\$90.00	<input type="checkbox"/>	18A Timer override float (20' SJE PumpMaster®)	\$40.00
			<input type="checkbox"/>	19X Externally mounted pump run indicators	\$40.00
			<input type="checkbox"/>	21E SJE PumpMaster® in lieu of Sensor Float® <i>(per float)</i>	\$5.00

SAMPLE

MODEL	DTD	1	W	9	1	4	H	4E 18A	LIST PRICE	DTD \$1276.00
Alarm Package									1	Base
Enclosure Rating									W	Base
Starting Device									9	Base
Pump Full Load Amps									1	Base
Pump Disconnect									4	Base
Float Switch Application									H	Base
Option: Redundant off float, Timer override float									4E	\$40.00
									18A	\$40.00
									TOTAL LIST PRICE \$1356.00	