

The Trident® is an industrial control panel designed to simplify simplex, duplex, or triplex pump stations. See Water incorporates the Modicon PLC for control logic and packs industry communications, such as Modbus TCP and BACnet. The Trident® utilizes a power base that allows for easy overload changes. In addition, these control systems come standard with Seal Fail and Thermal Cutout Pump protection.



Features

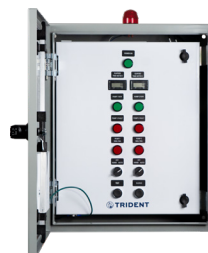
- NEMA 3R rated painted steel enclosure with a lockable latch and deadfront inner door
- IEC rated motor starter with adjustable overload
- Pump control visible indicators: 22mm hand-off-auto (H.O.A.) switches for each pump, green Pump Run lights, red Pump Fault lights, and Power On light
- Alarm visible indicators: Red beacon alarm light, and seal fail leak alarm test and silence buttons
- Alarm horn sounds 85 decibels at 10 feet
- Float operation:
 - Simplex: Off, On, High Level
 - Duplex: Off, Lead, Lag, High Level
 - Triplex: Low Level, Off, Lead, Lag, Lag/Lag, High Level
- Elapsed time meters
- Two-year limited warranty
- Easy access to webserver
- Flip switch for transducer and float mode
- Advanced communications: Supports Modbus RTU/TCP, BACnet® IP/MSTP, and additional communication protocols. Allows for master and slave operation, remote monitoring and control of the pump station



Call us toll-free at 888.733.9283 to speak with one of our expert Sales Engineers.

Applications

- Wastewater, Stormwater, and Industrial Lift Stations
- Commercial
- Municipal



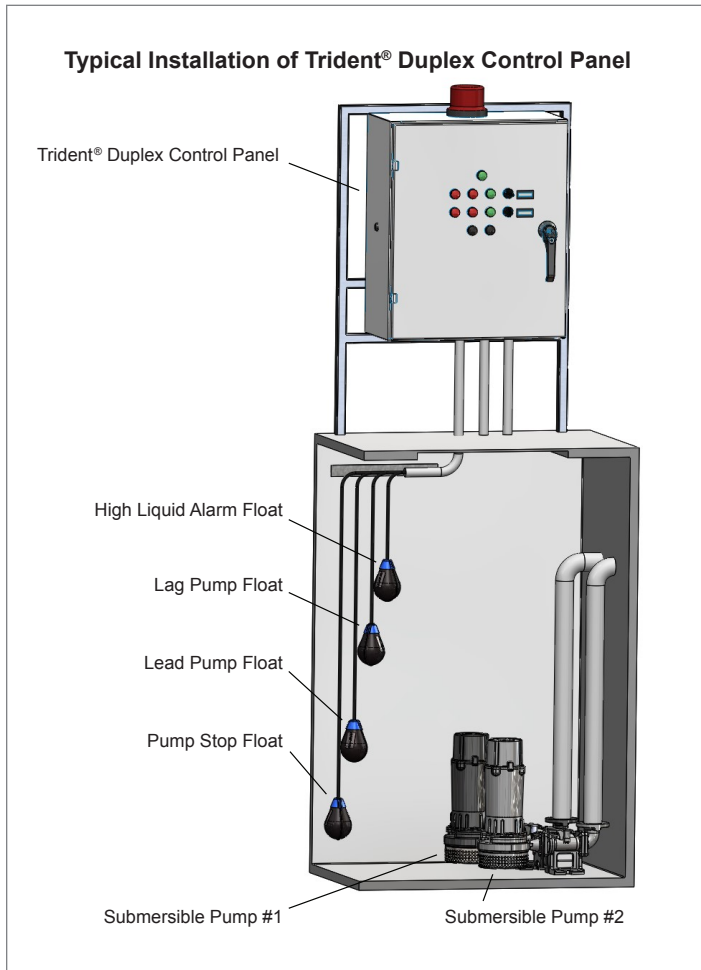
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Catalog Model Number Build

Type	Pump Full Load Amp Rating	
TR <input type="checkbox"/> --- <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> ---		
<i>(Overloads sold separately)</i>		
S Simplex	T11	1.25-5.0 FLA (Single Phase)
D Duplex	T12	3.0-12.0 FLA (Single Phase)
T Triplex	T13	8.0-32.0 FLA (Single Phase)
	T31	1.25-5.0 FLA (Three Phase)
	T32	3.0-12.0 FLA (Three Phase)
	T33	8.0-32.0 FLA (Three Phase)



Custom Options

Option(s)	Description
5	Level Transducer, 5 PSI, Max Water Level 11 ft., Type: Wastewater
10	Level Transducer, 10 PSI, Max Water Level 23 ft., Type: Wastewater
15	Level Transducer, 15 PSI, Max Water Level 35 ft., Type: Wastewater
20	Level Transducer, 20 PSI, Max Water Level 46 ft., Type: Wastewater
<i>Note: The Trident® with transducer will come standard with backup floats (3 for simplex systems, 4 for duplex systems, and 5 for triplex systems).</i>	
AF	Alarm Flasher
AH	Anti-Condensation Heater
BB	Battery Backup 5 Ah
C*	Additional Cord Length Per Foot Per Component*
CO	Convenience Outlet (User to supply 120 VAC)
GR	Generator Receptacle, Includes Transfer Switch (Total Amps 125 Max)
IS**	Intrinsically Safe - Simplex (Float-Operated System)**
ISD**	Intrinsically Safe - Duplex (Float-Operated System)**
IST**	Intrinsically Safe - Triplex (Float-Operated System)**
LAD/LAW	Lightning Secondary Surge Arrestor (LAD Delta / LAW Wye)
MD	Main Disconnect - Through Door Style
PM	Phase Monitoring - Ph Loss, Ph Unbalance, Undervoltage, Overvoltage
PX***	Pump Portal® Wireless Remote Panel Control and System Monitoring
S3	No Floats
SS4	Upgraded Enclosure (304 Stainless Steel)
SS6	Upgraded Enclosure (316 Stainless Steel)
<i>*Additional cord length greater than 20': Specify after C. Example: (TRD-T31-C50) Indicates 50' cord lengths for all floats.</i>	
<i>**To include an intrinsically safe transducer, please contact us for pricing.</i>	
<i>***Additional fee will apply for monthly or annual subscription.</i>	
<i>Note: Example when adding options to the TRD panel: TRD-T31-PX</i>	