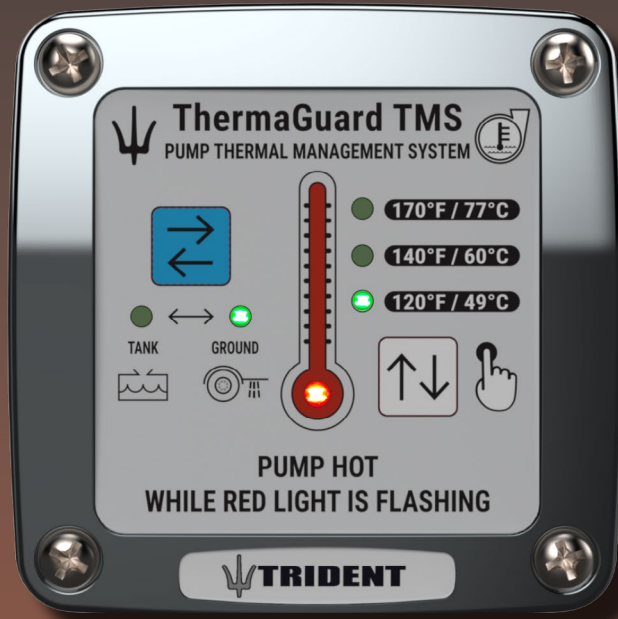


TRIDENT

EMERGENCY PRODUCTS, LLC

Trident ThermaGuard TMS™



Patent Pending

IMPERIAL PN #27.023.0 METRIC PN #27.023.1

ThermaGuard TMS™ temperature-adjustable pump thermal management system monitors your pump water temperature. The mode-selectable bypass feature enables the pump operator to select the relief valve(s) function unique to your ambient climate conditions and operational situation.

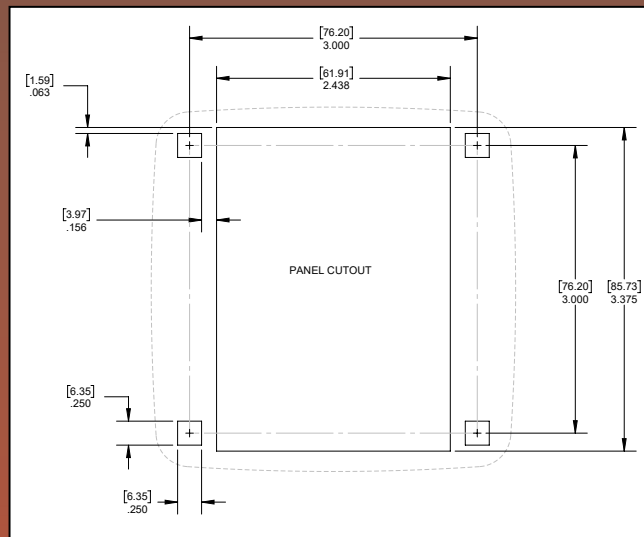
- Selectable, relief bypass enables the operator to protect your pump from overheat conditions while being mindful of operational situations where water conservation and placement is crucial.
- Recirculate pump discharge to water tank, dump to atmosphere, or progressively activate in cooperation should pump water temperature not cool when active.
- Adjustable temperature set-points enable the operator to protect your pump from overheat conditions while being mindful of ambient climate conditions.
- Thermal relief valve automatically closes when pump water temperature cools below set-point.
- System self checks all functions every time the power is cycled.
- Continuously monitored thermistor temperature sensor.
- Optional audible alarm will notify the pump operator simultaneously with a status LED on the control panel when temperature reaches selected set-point.
- Complete with panel mounting hardware.

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ThermaGuard TMS™ Features & Benefits

FEATURES	ADVANTAGES	BENEFITS
Adjustable Temperature Setpoints	Tailored Protection to Ambient Climate Conditions You Operate In with a Single System.	Protect Pump, Plumbing, Hose lines, and Operators from Pump Overheat Conditions.
Selectable Relief Valve Bypass Modes	Select From Dump-To-Ground, Recirculate-To-Tank, or Progressively Both	Prevent excess water accumulation beneath apparatus while off-road or in freezing conditions. Conserve Precious Water Supply.
Thermistor Temperature Sensor	Increased Accuracy and Reliability	Accelerated Relief Valve Response and Field Performance to Cool Pump Water
System Self Check on Startup	Automatic "Health Check" Verification.	Assurance System is Active Without Manual "Push To Test" Button.
Temperature Setting Memory	Upon Startup, System Defaults to Last Used Temperature Setpoint.	No Need For Manual Intervention Once Temperature is Initially Selected.
LED Status Lights	Bright, Visual Alert in Day and Night Conditions.	Visually Alert Pump Operator During Overheat Condition and Active Temperature Setpoint.
Optional Audible Alarm	94-106 db Audible Alert.	Audibly Alert Pump Operator During Overheat Condition
IP67 Rating	Water Resistant Components.	Approved For Harsh Fireground Situations.

Pump Panel Cut Out Template



TRIDENT EMERGENCY PRODUCTS, LLC

World Class Fire Industry Products

2950 Turnpike Drive, Unit #21
Hatboro, PA 19040

Contact us for Support

Phone 215-593-0700 | Fax 215-293-0701

Email sales@tridentdirect.com



WWW.TRIDENTDIRECT.COM