

UST Overfill Protection Solution

Early alert and backup protection for overfill conditions

UST Overfill Protection

The Veeder-Root Overfill Protection Solution is a combination of the TLS Overfill Alarm Box and optional Alarm Acknowledgement Switch in conjunction with an automatic tank gauge. It is an electronic external alarm system designed to alert the fuel delivery and facility operators that a fuel tank is exceeding a predetermined level during a product delivery.



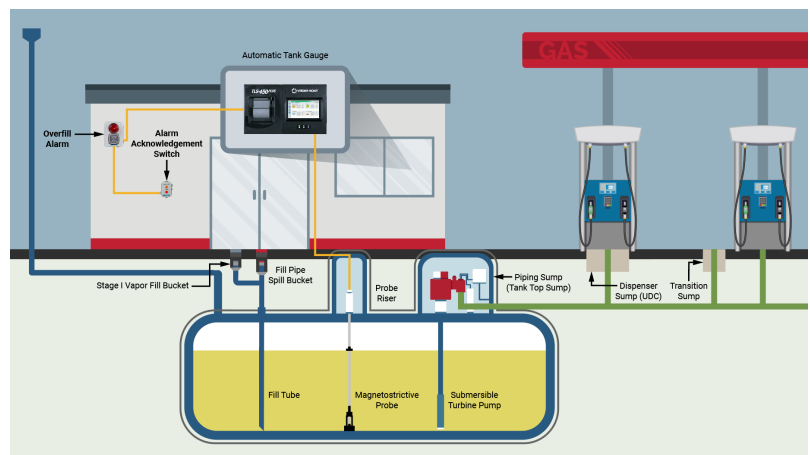
► FEATURES

- Meets revised 2015 EPA UST regulations for overfill protection equipment when used alone or in conjunction with an automatic shutoff device.*
- Designed to give driver and back office instant visibility to an overfill condition.
- Light and horn provide a clear and distinct signal for overfill alarm condition.
- Provides protection against flapper valve failure or compromise.
- Economic solution that provides alerts for multiple tanks.
- Periodic testing is easy and does not require spare parts.
- Test button, on the side of the Alarm Acknowledgement Switch, simplifies inspections while ensuring overfill prevention equipment is operational.
- Built-in noise level adjustment and alarm expiration timer allows alert customization for your site environment.
- LED for a longer life span, increased energy efficiency and durability, with no UV ray emission and minimal heat generation.
- May also be used as a remote alarm unit or general purpose alarm based on the console programming.

* This represents Veeder-Root's sole interpretation of the latest UST regulations. Check your local, state and federal authorities for compliance and enforcement policies in your area.

► REAL-TIME MONITORING OF OVERFILL CONDITIONS

Paired with any Veeder-Root Automatic Tank Gauge (ATG), the TLS Overfill Alarm solution can be activated using an assigned relay to sound an audible (horn) and visible (red light) alarm when the tank receiving a delivery reaches the predetermined level. It utilizes the real-time inventory level of the tank probe to issue an instant alarm when capacity is reached.



Typical Installation

SPECIFICATIONS

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	Overfill Alarm Box (Part No. 0790091-001)	Overfill Alarm Acknowledgment Switch / Reset (Part No. 0790095-001)
Console Compatibility	TLS-450PLUS, TLS4 / TLS4B, TLS-350 Series, TLS-300 Series, TLS-2 Series	-
Audible Alarm Noise Level	78 – 103dB at 10' (3.05m)	-
Audible Alarm "Time On"	Adjustable from 0-60 seconds	-
Visual Alarm Lamp Rating	25 watt, 120 VAC Lens	-
Visual Alarm Flashing Rate	75 per minute	-
Alarm Unit Dimensions	10.3" L x 8" W x 4" D (0.26m L x 0.20m W x 0.10m D)	6.8" L x 4.3" W x 3" D (0.17m L x 0.11m W x 0.08m D)
Lens Dimensions	4" \varnothing x 3.5" D (0.10m \varnothing x 0.09m D)	-
Operating Temperature Range	-40°F to +150°F (-40°C to +65°C)	-40°F to +150°F (-40°C to +65°C)
Supply Voltage	120 VAC, 50 / 60 Hz	164.5" – 225" (4.18m – 5.72m)
Acknowledgment Lamp	-	120 VAC, Amber Lens
Enclosure Type	NEMA 4	NEMA 4

