

Installation: Electrical Installation Guide: TRE Series Day Tanks



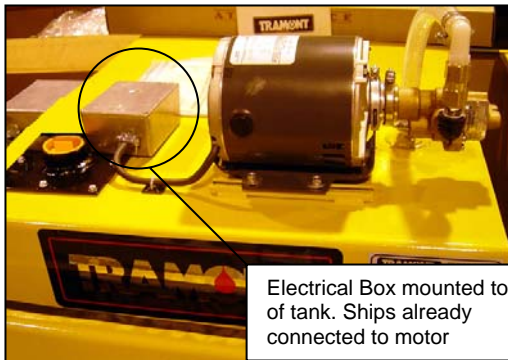
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General

This guide covers the electrical description and installation of the standard Tramont TRE-Series Day Tank. Electrical installation, repair and maintenance should be performed by a qualified electrical service person.

Description

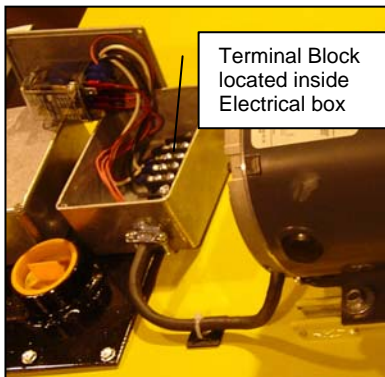
The standard TRE-Series tank pump/motor is controlled by a 1/3 HP rated float switch. The top mounted pump motor control switch is attached into an inspection plate. Includes electrical box, relay & gasket. (Shown below)



Electrical Box mounted to top of tank. Ships already connected to motor

Electrical box mounted on Day Tank through inspection plate.

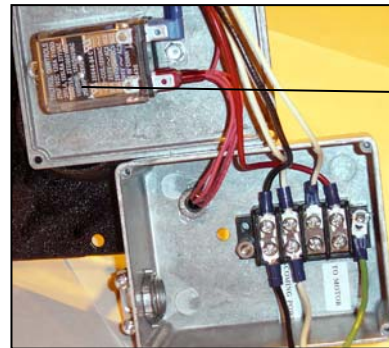
To wire the unit, bring hot and neutral leads to float switch electrical box and connect to



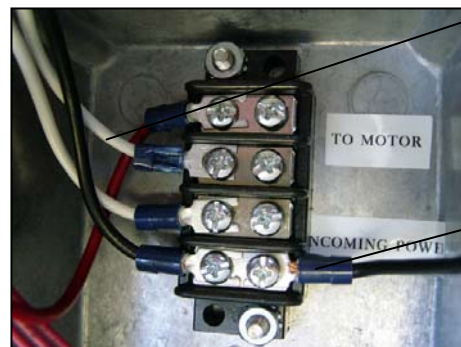
Terminal Block located inside Electrical box

terminal switch. We show line connection through top of electrical box for demonstration purposes. You may send incoming power connection through existing

conduit opening used for motor wires or create another opening where convenient.



Motor control relay installed on the top of electrical box by Tramont

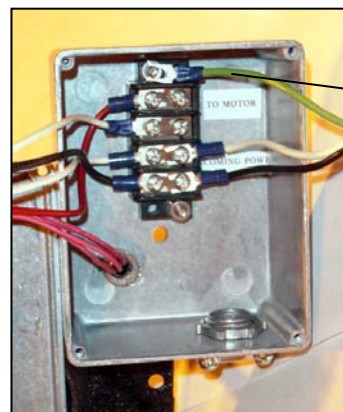


Motor pre-wired by Tramont

Connect Hot lead into corresponding connection



Connect Neutral lead into corresponding connection



Connect Ground lead to desired area.

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Test

The pump/motor can be tested manually by moving the float switches up and down. This will open and close contacts to operate the motor.

Adjustment

The float switch assembly is adjusted at the factory for your tank capacity.

Electrical options

Following is a list of common electrical options. The number in parentheses is the spare part number should you need to order the item at a future date. Consult the Tramont Spare Parts List for a complete selection of electrical and mechanical options. If additional options are required a Tramont TRS-Series Day Tank may be required.

3430 Heavy Duty TRE Float Switch (216160)

Side mounted. For 3/4 and 1 HP, 120 VAC, 1 phase motors. Fits in 2 1/2" NPT.

3178 Low Fuel Level Switch (216210)

The 50 watt float switch for remote annunciation of low fuel level, installs on inspection plate.

3180 Low Fuel Level Switch with Alarm and Relay (215680)

50 watt float switch and heavy duty 10 amp relay with light for remote and local annunciation.

3181 High Fuel Level Switch with Alarm and Relay (216210)

50 watt float switch and heavy duty 10 amp relay with light for remote and local annunciation.