

AUTOMATED REMOTE FILL ENCLOSURE



Fill System for Fuel Tanks. The Proven Controls Remote Fill is designed for the safe filling of fuel tanks. The system is designed to accept fuel from delivery trucks, safely transfer fuel to the fuel tank and capture fuel leaks in the enclosure. Standard enclosures include tank adapters, manual isolation valves, and check valves.

Overfill Prevention Safety. The system is designed for overfill prevention by incorporating sensors to monitor liquid levels and to alarm when critical high levels are met. The electronic controller at the fill station monitors the fuel level in the tank as a continuous level reading (0-100%) or as a set of high level sensors (85-95%). The controller provides audible and visual high level warning at 85%, high level alarm at 90%, and critical high level at 95%.

Multi-Tank Systems. The Proven Controls Remote Fill will provide safe filling for multiple fuel storage tanks. In multiple tank systems, the controller monitors level sensors in each tank and operates an actuated valve (tank selector valve) to allow filling of the selected tank. In the event of a high level, the tank selector valve will close to prevent the overfilling of tanks.

Transfer Pump Option. Due to elevated storage tanks or higher flow requirements, the fill station can be equipped with transfer pumps.

Standard Equipment

Enclosure

- 15 Gal capacity, Carbon Steel with white enamel paint

Configuration

- Overfill alarm package with non-automated remote fill enclosure
- Single Tank Automated Remote Fill Enclosure without Tank Selector Valves
- Multiple Tank Automated Remote Fill Enclosure with Tank Selector Valves per tank

Flow Capacity

- Based on flow requirements and pipe size (2", 3", or 4")

Mounting Options

- Wall Mount
- Recessed Wall Mount
- Free Standing

Flow Options

- Gravity fed
- Delivery truck assisted with roper pump
- Internal Transfer Pump

Accessories

- Camlock Connection (fill adapters)
- Check Valve
- Manual Isolation Valve
- Drain Valve
- Tank High and Hi-Hi Level Sensors for overfill prevention to annunciate before reaching the mechanical overfill prevention valve installed in tank

Custom Options

- Stainless Steel Enclosure
 - Electronic liquid level reading at enclosure
 - Leak detection sensor
 - Low level audible and visual indications
 - Multi-tank selector switches and valves
 - Transfer Pump(s) with Motor Starter(s)
 - Customizable enclosures due to larger capacities required
 - Lockable enclosures
 - Dry disconnect tank fill adapter
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