

Pneumatic Tankfull Shut-Off

Geotech Pneumatic Tankfull Shut-Off

The Geotech Pneumatic Tankfull Shut-Off controls are self contained systems which are used to turn off the air supply to pneumatic pumps or other pneumatic controllers. They are activated when a high liquid level or pressure increase in a recovery tank exists.

FEATURES

Geotech's Tankfull controls are mounted first in the series of pneumatic system components. They allow compressed air to operate pneumatic components until there is a high fluid level or pressure condition in the recovery tank.

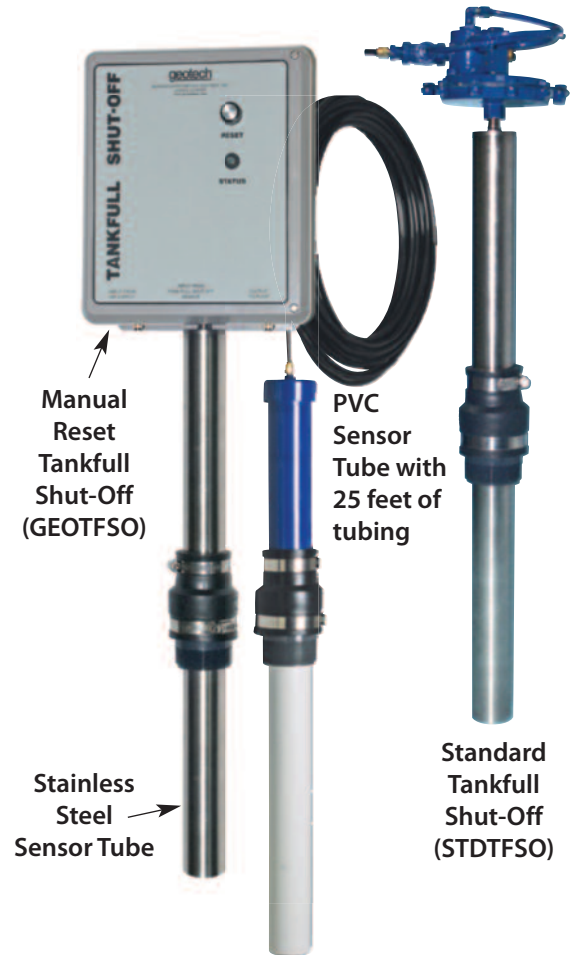
STDTFSO – Is designed to be mounted directly on the tank

GEOTFSO – Is designed with a control panel, which can be mounted directly on the sensor tube, or up to 25 feet (7.6 m) away. It also incorporates the following additional features.

- **Manual Reset Button**
As an additional safety feature, the GEOTFSO incorporates a manual reset button. The reset button must be pushed and the system reset to resume system operation.
- **Tankfull Indicator**
The Tankfull Indicator is green when the system is operational and is black when the system is shut off. The recovery tank must be emptied and the reset button pushed before the system can be reactivated.
- **Air Filter/Water Trap**
A two stage 5 micron water and particulate filter contained in a metal bowl with a manual drain.

OPERATION

- Liquid level rises in the recovery tank: If liquid rises 11 inches (28cm) up the pressure tube, the valve closes shutting off compressed air to the system.
- A minimum of 45 psig (3 bar) air pressure is required.
- The air logic components are rated for a maximum of 120 psig (8 bar) air pressure.



SPECIFICATIONS

STDTFSO:

Pressure Range	45-120 psig (3-8 bar)
Flow Capacity	26 SCFM @ 90 psig (6 bar)
Process Connections	¼" (.635 cm) NPT air tubing 2" (5 cm) NPT sensing tube
Operating Temperature	34°F (1°C) Minimum
Overall Size	29.25" L x 7.5" D (74 cm L x 19 cm D)
Weight	5.9 lbs. (2.7 kg)

GEOTFSO:

Pressure Range	45-120 psig (3-8 bar)
Flow Capacity	10 SCFM @ 90 psig (6 bar)
Process Connections	¼" (.635 cm) NPT air tubing 2" (5 cm) NPT sensing tube
Operating Temperature	34°F (1°C)
Control Box Size	11.5" H x 9.5" W x 5.5" D (29 cm H x 24 cm W x 14 cm D)
Overall Size	36.5" H x 9.5" W x 5.5" D (93 cm H x 24 cm W x 14 cm D)
Weight	9.6 lbs. (4.3 kg)

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