

OVERFILL ALARM STATION

Model FA-AV-SS Fil-A-Larm System

For Overfill Prevention of Fuel Oil Storage Tanks per NFPA 30 and NFPA 31

The Model Fil-A-Larm system is designed to be located near the tank fill terminal to notify of a potential overfill condition. It triggers a high level alarm that alerts the filling operator that the tank is filled to its predetermined capacity. When an overfill alarm occurs, the alarm bell sounds and the corresponding alarm light flashes. The bell is automatically silenced in 90 seconds or instantly silenced when the operator selects the "alarm silence" pushbutton. The visual alarm is highly visible even in direct sunlight. The enclosure top mounted flashing lamp is visible from 180°. A "test" pushbutton is provided to verify the operation of the flashing alarm light(s) and bell. The alarm automatically resets when liquid level goes below the overfill alarm setpoint. A digital display of tank volume is available.



FIL-A-LARM System Model FA-AV-1-R-D3-SS shown

The Model Fil-A-Larm system is surface mounted, NEMA 4X rated, stainless steel moisture-proof enclosure and corrosion-proof enclosure. The interior is prime coated and painted with a durable white enamel.

Specifications

Enclosure:	Single Tank 12" W x 12" H x 6"D NEMA 4X Multi Tank Call for Sizing
Audible Alarm:	6" @ 86 db bell
Visual Alarm:	Lens 3 1/4" H, 4 3/8" Dia. with 40 Watt bulb
Alarm Silence button:	Silences bell (auto time-out also)
Alarm Test:	Verifies flashing alarm light(s) and bell

Ordering Information

Standard Unit FA-AV-SS: Available for 1, 2, or 3 tanks
Order FA-AV-[1, 2, or 3 (number of tanks)]-D3-SS
Example: FA-AV-2-D3-SS would be for two tanks
To add gallons display unit:
order FA-AV-[1, 2, or 3]-R-D3-SS

Suggested Specifications

Provide and install where shown on the drawings an Audible/ Visual Overfill Alarm Station for (1, 2, or 3) tanks to be activated by Preferred Utilities HLS high level switch, TG-EL-D4A Tank Gauges. The system shall consist of a Preferred FA-S caution sign and stainless steel NEMA 4X rated moisture-proof and corrosion-proof enclosure, including a 6" weather-proof bell with automatic silencing, 180° visible flashing lamp, bell silencing push button, and alarm test push button. Overfill alarm station shall be a Preferred Utilities Mfg. Corp., Danbury, CT, Model FA-AV-SS. **To add gallons display** to FA-AV-SS add: "to include a digital display of tank content, reading directly in gallons without multiplier."

*Gallons Display Unit - Without "sticking" the tank, the gallons display unit allows the filling operator to read tank contents prior to filling. A digital display reads directly in gallons (0-150,000 gallons without multiplier). Display unit is available for up to three tanks.