

OVERFILL ALARM STATION

Model FA-AV 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.

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

Specifications

Enclosure:	12" W x 12" H x 6" D, NEMA 4
Audible Alarm:	4" 92 db bell
Visual Alarm:	Lens 3 ¼" H, 4 ⅜" 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: Available for 1, 2, or 3 tanks

Order **FA-AV-[1, 2, or 3 (number of tanks)]-D3**

Example: FA-AV-2-D3 would be for two tanks

To add Gallons Display Unit:

order **FA-AV-[1, 2, or 3]-R-D3**



FIL-A-LARM System Model FA-AV

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-D3** or **TG-EL-D5** Tank Gauges. The system shall consist of a Preferred **FA-S** Caution Sign and NEMA 4 Weather-proof Cabinet to include a 4" weather-proof bell with automatic silencing, 180° visible flashing lamp, bell silencing pushbutton, and Alarm Test Pushbutton. Overfill Alarm Station shall be a Preferred Utilities Mfg. Corp., Danbury, CT, Model **FA-AV**. **To add Gallons Display** to **FA-AV** 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.