

# TANK ALERT® I Alarm System (230 VAC)

Easy-to-install liquid level alarm system for indoor use.

This alarm system monitors liquid levels in lift pump chambers, sump pump basins, holding tanks, sewage, agricultural, and other non-potable water applications.

The Tank Alert® I alarm system can serve as a high or low level alarm depending on the float switch model used.

The alarm horn sounds when a potentially threatening liquid level condition occurs. The horn can be turned off, but the warning light remains on until the condition is remedied. A green “power on” light indicated power to the alarm panel.



## FEATURES

- NEMA 1 enclosure, designed for ease of installation, rated for indoor use.
- Red “alarm” light, green “power on” light, alarm “test” switch, and horn “silence” switch.
- Alarm horn sounds at 86 decibels at 3 meters (10 feet).
- Can be used with any UL Listed / Recognized switching mechanism rated to include 1 amp, 12 VDC load.
- Alarm system (when installed on separate circuit) operates even if the pump circuit fails.
- Complete package includes standard Sensor Float® control switch with 4.57 meters (15 feet) of cable (other lengths available) and mounting clamp.
- Switching mechanism operates on low voltage and is isolated from the power line to reduce the possibility of shock.
- Three-year limited warranty.



## OPTIONS

When ordered with the alarm, this system is available with:

- alternate float switch models for high or low level warning.
- 230 VAC primary voltage or 120 VAC primary voltage (230 VAC model is not UL Listed or CSA Certified).

## SPECIFICATIONS

### VOLTAGE FOR 230 VAC MODEL:

**(not UL Listed or CSA Certified)**

Primary: 230 VAC, 50/60 Hz, 5 watts max. (alarm condition)

Secondary: 12 VAC

**ALARM ENCLOSURE:** 15.24 x 10.16 x 6.35 cm (6 inch x 4 inch x 2.25 inch), NEMA 1 metal

**ALARM HORN:** 86 decibels at 3 meters (10 feet)

**POWER CORD:** 1.8 meter (6 feet)

### FLOAT SWITCH CONNECTION TERMINAL:

For float switch connection only. Do not apply power. (Voltage across terminals is 12 VAC. Maximum line impedance for initiating device: 5 ohms).

**FLOAT SWITCH:** Sensor Float® control switch with mounting clamp

**Cable:** 4.57 meters (15 feet), flexible 18 gauge, 2 conductor SJOW (UL), water-resistant (CPE)

**Float:** 8.58 cm diameter x 11.56 cm long (3.38 inch x 4.55 inch), high impact, corrosion resistant, PVC housing for use in sewage and water up to 60°C (140°F)

**Switch:** hermetically sealed steel capsule features mercury-to-mercury contacts



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