# TANK ALERT® EZ ALARM SYSTEM

**Innovative, Indoor or Outdoor Liquid Level Alarm System**

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

The Tank Alert® EZ indoor/outdoor alarm can serve as a high or low level alarm depending on the float switch model used. This easy to install alarm features an innovative, sleek 2-color molded enclosure which integrates the red LED translucent beacon.

The alarm sounds and the upper housing half illuminates when a potentially threatening liquid level condition occurs. The audible alarm can be silenced by pressing the Test/Silence button, but the alarm light will remain on until the condition is remedied. Once the condition is cleared, the alarm will automatically reset. A green "Power On" light indicates power to the alarm panel.

**U.S. Patent Nos. 8,737,672 and D695,640**

LR54245

## FEATURES

- 2-color molded enclosure offers a distinct look; upper translucent half illuminates in alarm condition
- Removable lower cover provides greater access for easier field wiring while the internal circuitry remains protected
- Interlocking enclosure features unique sound chamber to amplify the horn, while helping prevent moisture from entering
- External mounting tabs for easy installation
- Enclosure meets Type 3R water-tight standards
- Enclosure has indicator marks on bottom for easy placement of cord entry locations
- Automatic alarm reset, horn silence switch, and alarm test switch
- Alarm horn sounds at 82 decibels at 10 feet (3 meters)
- Alarm system (when installed on separate circuit) operates even if pump circuit fails
- Green power on indicator
- Includes auxiliary alarm contacts for easy attachment of remote devices

## OPTIONS

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

- Alternate float switch models for high or low liquid level warning
- Premounted terminal block so enclosure can also be used as a junction box for splicing pump, pump switch, and pump power; meets NEC standard for junction boxes
- 6 foot (1.8 meter) power cord with 120 VAC plug and liquid tight connector (120V model only)

SJE RHOMBUS®

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**TANK ALERT® EZ -** Easy-to-install indoor/outdoor alarm system features a removable cover to provide greater access for easier field wiring. Two-color molded enclosure integrates red LED beacon.

| Part # | Description (120V) | Shipping Weight |
|---|---|---|
| 1036589 | TAEZ-01H (120 VAC w/15' SJE SignalMaster® High Level) | 2.75 lbs. |
| 1036590 | TAEZ-01H (120 VAC w/15' SJE Sensor Float® High Level) | 2.75 lbs. |
| 1036591 | TAEZ-01X (120 VAC no float) | 1.50 lbs. |
| 1038019 | TAEZ-01L (120 VAC w/15' SJE SignalMaster® Low Level) | 2.75 lbs. |
| 1038020 | TAEZ-01L (120 VAC w/15' SJE Sensor Float® Low Level) | 2.75 lbs. |
| **Part #** | **Description (120V with Terminal Block)** | **Shipping Weight** |
| 1036592 | TAEZ-01HTB (120 VAC w/15' SJE SignalMaster® High Level Terminal Block) | 2.75 lbs. |
| 1036593 | TAEZ-01HTB (120 VAC w/15' Sensor Float® High Level Terminal Block) | 2.75 lbs. |
| 1036594 | TAEZ-01XTB (120 VAC no float w/Terminal Block) | 1.50 lbs. |
| 1038035 | TAEZ-01LTB (120 VAC w/15' SJE SignalMaster® Low Level Terminal Block) | 2.75 lbs. |
| 1038036 | TAEZ-01LTB (120 VAC w/15' Sensor Float® Low Level Terminal Block) | 2.75 lbs. |
| **Part #** | **Description (240V)** | **Shipping Weight** |
| 1036595 | TAEZ-02H (240 VAC w/15' SJE SignalMaster® High Level) | 2.75 lbs. |
| 1036596 | TAEZ-02X (240 VAC no float) | 1.50 lbs. |
| **Part #** | **Description (240V with Terminal Block)** | **Shipping Weight** |
| 1036597 | TAEZ-02HTB (240 VAC w/15' SJE SignalMaster® High Level w/Terminal Block) | 2.75 lbs. |
| 1036598 | TAEZ-02XTB (240 VAC no float w/Terminal Block) | 1.50 lbs. |

| | | |
|---|---|---|
| **OPTION PC** | 6' power cord with two RCC8 1/2" liquid-tight connectors (120V Model Only) | NA |

**H** = **H**igh **L**evel **L** = **L**ow **L**evel **X** = **N**o **F**loat **TB** = Includes **T**erminal **B**lock **MASTER CARTON holds 12 boxed units.**

## CONTROL SWITCH OPTIONS

The Tank Alert® EZ alarm system comes standard with a 15 foot SJE SignalMaster® control switch with mounting clamp. Other float switches are available. See control switch section of the catalog. To determine the price of alarm with an alternate float, add the price of the part number with "no float" to the price of the float switch.

## SPECIFICATIONS

**VOLTAGE FOR 120 VAC MODEL:**

**PRIMARY:** 120 VAC, 50/60 Hz, 3.8 watts max. (alarm condition)

**SECONDARY:** 9 VDC

**VOLTAGE FOR 240 VAC MODEL**

**PRIMARY:** 240 VAC, 50/60 Hz, 3.8 watts max. (alarm condition)

**SECONDARY:** 9 VDC

**ALARM ENCLOSURE:** 6.7 x 5.3 x 2.5 inch (17.02 x 13.46 x 6.35 cm), indoor-outdoor, weatherproof, thermoplastic meets Type 3R water-tight standard

**ALARM HORN:** 82 decibels at 10 feet (3 meters)

**AUXILIARY ALARM CONTACTS:** 240 VAC / 30 VDC, 1.5 amps max., 50/60 Hz (circuit not supervised)

**PRE-MOUNTED TERMINAL BLOCK (OPTIONAL):** 20 amps, 120/240 VAC

**POWER CORD (OPTIONAL - 120V MODEL ONLY):** 6 foot (1.8 meter) cord with 120 VAC plug and two RCC8 1/2 inch liquid-tight connectors

**FLOAT SWITCH:** SJE SignalMaster® control switch with mounting clamp

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

**FLOAT:** 2.74 inch diameter x 4.83 inch long (7 cm x 12.3 cm), high impact, corrosion resistant polypropylene housing for use in sewage and non-potable water up to 140°F (60°C)

**MAXIMUM WATER DEPTH:** 30 feet (9 meters), 13 PSI

**ELECTRICAL:** 5 amps, 125 VAC/250 VAC, 50/60 Hz

California Prop 65 requires the following: ⚠ WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov