

# 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 LED red 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

## FEATURES

- 2-color molded enclosure offers a distinct look; upper translucent half illuminates in alarm condition. DUO models feature a red LED for alarm 1 and amber LED for alarm 2.
- 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.
- Complete package includes standard SJE SignalMaster® control switch with 15 feet (4.57 meters) of cable (other lengths available) and mounting clamp.
- CSA Certified.
- Five-year limited warranty.



## OPTIONS (not available for DUO models)

### 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).

## SPECIFICATIONS

### VOLTAGE:

#### 120 VAC Model:

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

Secondary: 9 VDC

#### 240 VAC Model (not available for DUO models):

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

**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



**SJE RHOMBUS®**

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California Prop 65 requires the following: WARNING Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**SEE REVERSE SIDE FOR ORDERING INFORMATION.**

**SEE PRICE BOOK FOR LIST PRICE.**

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## ORDERING INFORMATION

### STANDARD ALARM (120 VAC)

Part#	Description	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.

### STANDARD ALARM (120 VAC) with terminal block

Part#	Description	Shipping Weight
1036592	TAEZ-01HTB (120 VAC w/15' SJE SignalMaster® High Level TB)	2.75 lbs.
1036593	TAEZ-01HTB (120 VAC w/15' Sensor Float® High Level TB)	2.75 lbs.
1036594	TAEZ-01XTB (120 VAC no float)	1.50 lbs.
1038035	TAEZ-01LTB (120 VAC w/15' SJE SignalMaster® Low Level TB)	2.75 lbs.
1038036	TAEZ-01LTB (120 VAC w/15' Sensor Float® Low Level TB)	2.75 lbs.

### DUO ALARM (120 VAC)

Part#	Description	Shipping Weight
1052096	TAEZ-01H DUO (120 VAC w/ (2) 15' SJE SignalMasters®)	3.50 lbs.
1052094	TAEZ-01H DUO (120 VAC w/15' SJE SignalMaster®)	2.75 lbs.
1052097	TAEZ-01X DUO (120 VAC No Float)	1.50 lbs.

### STANDARD ALARM (240 VAC)

Part#	Description	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.

### STANDARD ALARM (240 VAC) with terminal block

Part#	Description	Shipping Weight
1036597	TAEZ-02HTB (240 VAC w/15' SJE SignalMaster® High Level TB)	2.75 lbs.
1036598	TAEZ-02XTB (240 VAC no float Terminal block)	1.50 lbs.

H = High Level L = Low Level X = No Float TB = Includes Terminal Block DUO = Dual Alarm Inputs

MASTER CARTON holds 12 boxed units. SEE PRICE BOOK FOR LIST PRICE.

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**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

## OTHER INFORMATION

Option	Description
PC	6 foot power cord with two RCC8 1/2 inch liquid-tight connectors (120V model only)



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