

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.



Patents Pending

ALARM SYSTEMS

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.
- Complete package includes standard SJE SignalMaster® control switch with 15 feet (4.57 meters) of cable (other lengths available) and mounting clamp.
- CSA Certified.
- Three-year limited warranty.



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).

SPECIFICATIONS

VOLTAGE:

120 VAC Model:

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

Secondary: 9 VDC

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

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



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SJE
Rhombus®

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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.

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

MASTER CARTON holds 12 boxed units.

SEE PRICE BOOK FOR LIST PRICE.

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

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

OPTIONS

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.



OTHER INFORMATION

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

SJE Rhombus®