

# TANK ALERT® I Alarm System

## 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 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 silenced, but the warning light remains on until the condition is remedied. A green "power on" light indicates 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 10 feet (3 meters).
- Can be used with any UL Listed / Recognized switching mechanism rated to include 1 amp, 12 VAC load.
- Alarm system (when installed on separate circuit) operates even if the pump circuit fails.
- Complete package includes standard SJE SignalMaster® control switch with 15 feet (4.57 meters) 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.
- UL Listed.
- CSA Certified.
- Five-year limited warranty.



## OPTIONS

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

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

## SPECIFICATIONS

### VOLTAGE FOR 120 VAC MODEL:

Primary: 120 VAC, 50/60 Hz, 5 watts max. (alarm condition)  
Secondary: 12 VAC

### 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:** 6 x 4 x 2.5 inch (15.24 x 10.16 x 6.35 cm), NEMA 1 metal

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

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

### 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:** 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)

**SJE Rhombus**

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SEE BACKSIDE FOR ORDERING INFORMATION.

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

## ORDERING INFORMATION

120 VAC		List Price	Shipping Weight
Part #	Description		
1007457	101-01H (120 VAC w/15' SJE SignalMaster® High Level)	\$134.56	3.58 lbs
1009207	101-01HSPKT (120 VAC w/15' SJE SignalMaster® High Level With splice kit)	\$141.95	3.58 lbs
1003104	101-01H (120 VAC w/15' SJE Sensor Float® High Level)	\$139.06	3.58 lbs
1003365	101-01L (120 VAC w/15' SJE Sensor Float® Low Level)	\$139.06	3.58 lbs
1002235	101-01X (120 VAC no float)	\$97.12	2.14 lbs

230 VAC		List Price	Shipping Weight
Part #	Description		
1008009	101-02H (230 VAC w/15' SJE SignalMaster® High Level)	\$188.39	3.58 lbs
1003364	101-02H (230 VAC w/15' SJE Sensor Float® High Level)	\$192.92	3.58 lbs
1005420	101-02L (230 VAC w/15' SJE Sensor Float® Low Level)	\$192.92	3.58 lbs
1005419	101-02X (230 VAC no float)	\$150.96	2.14 lbs

H = High Level L = Low Level X = No Float SPKT = Splice Kit

MASTER CARTON holds 16 boxed units.

## SPECIFICATIONS

### VOLTAGE FOR 120 VAC MODEL:

Primary: 120 VAC, 50/60 Hz, 5 watts max. (alarm condition)

Secondary: 12 VAC

### 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:** 6 x 4 x 2.5 inches (15.24 x 10.16 x 6.35 cm), NEMA 1 metal

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

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

**FLOAT SWITCH CONNECTION TERMINAL:** for float switch connection only.  
Do not apply power. Voltage across terminals is 12 VAC

**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

## OPTIONS

### CONTROL SWITCH OPTIONS

The Tank Alert® I 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.

UL Listed for Water & Sewage



# SJE Rhombus

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**Call or fax your order!**

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Product offering and pricing are subject to change without notice.  
Please visit [www.sjerhombus.com](http://www.sjerhombus.com) for the most current information.