

# TANK ALERT® AB Alarm System

Easy-to-install liquid level alarm system with auto-reset and battery backup features for indoor use.

## ORDERING INFORMATION

120 VAC		
Part #	Description	Shipping Weight
1011421	TA AB-01H (120 VAC w/15' SJE SignalMaster® High Level)	2.73 lbs.
1011424	TA AB-01L (120 VAC w/15' SJE SignalMaster® Low Level)	2.73 lbs.
1011422	TA AB-01H (120 VAC w/15' Sensor Float® High Level)	2.81 lbs.
1011423	TA AB-01X (120 VAC no float)	1.44 lbs.
1012668	TA AB-01HAUX (120 VAC w/15' SJE SignalMaster® High Level & Auxiliary Contacts)	2.75 lbs
1021932	TA AB-01XAUX (120 VAC no float w/Auxiliary Contacts)	1.46 lbs

H = High Level L = Low Level X = No Float AUX = Auxiliary Contacts

**MASTER CARTON holds 16 boxed units.**  
**SEE PRICE BOOK FOR LIST PRICE.**

## OPTIONS

### CONTROL SWITCH OPTIONS

The Tank Alert® AB alarm system comes standard with a 15ft **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, 2.4 watts max. (alarm condition)  
Secondary: 9 VDC

### BATTERY BACKUP POWER: 9 VDC

**ALARM ENCLOSURE:** 6 x 4 x 2.25 inches (15.24 x 10.16 x 5.71 cm), NEMA 1 plastic

**ALARM HORN:** 87 decibels at 10 feet (3 meters)

**AUXILIARY ALARM CONTACTS (OPTIONAL):** 120 VAC, 5 amps max N/O, 3 amp max N/C (CSA certified only unit)

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

**FLOAT SWITCH CONNECTION TERMINAL:** for float switch connection only (voltage across terminals is 8-9 VDC)

**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 (7.0 cm x 12.3 cm), high impact, corrosion resistant polypropylene housing for use in sewage and water up to 140°F (60°C)

## OTHER INFORMATION

Option	Description
AUX	Auxiliary Alarm Contacts (CSA certified only unit, factory installed)

**Call or fax your order!**

**1-888-DIAL-SJE (1-888-342-5753) ■ Fax 218-847-4617**

**SJE Rhombus®**

**www.sjerhombus.com**  
**customer.service@sjerhombus.com**

# TANK ALERT® AB DUO Alarm System

Easy-to-install dual liquid level alarm system with auto-reset and battery backup features for indoor use.

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

The alarm horn and red "alarm 1" LED indicator activates when an alarm 1 condition occurs. The alarm horn and yellow "alarm 2" LED indicator activates when an alarm 2 condition occurs.

A green "Power On" light indicates 120 VAC primary power to the alarm. Low battery chirp feature indicates when battery should be replaced.

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



## FEATURES

- NEMA 1 enclosure, designed for ease of installation, rated for indoor use.
- Automatic alarm reset.
- Red "alarm 1" light, yellow "alarm 2" light, and green "power on" light, alarm "test" switch, and horn "silence" switch.
- Alarm horn sounds at 87 decibels at 10 feet (3 meters).
- Can be used with any switching mechanism rated to include 1 amp, 9 VDC load.
- If primary power fails, the alarm system continues to work due to battery backup feature (battery not included).
- Complete package includes standard SJE SignalMaster® control switch with 15 feet (4.57 meters) of cable and mounting clamp.
- Switching mechanism operates on low voltage and is isolated from the power line to reduce the possibility of shock.
- Low battery chirp.
- Easy access battery compartment.
- External terminal block for easy float switch installation.
- CSA Certified.
- Five-year limited warranty.

## OPTIONS

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

- Auxiliary dry normally open and normally closed contacts

## SPECIFICATIONS

### VOLTAGE FOR 120 VAC MODEL:

Primary: 120 VAC, 60 Hz, 2.4 watts max.  
(alarm condition)  
Secondary: 9 VDC

**BATTERY BACKUP POWER:** 9 VDC

**ALARM ENCLOSURE:** 6 x 4 x 2.25 inch  
(15.24 x 10.16 x 5.71 cm), NEMA 1 plastic.

**ALARM HORN:** 87 decibels at 10 feet  
(3 meters)

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

### AUXILIARY ALARM CONTACTS (OPTIONAL):

Voltage: 120 VAC  
Current: 0.5 amps maximum

### FLOAT SWITCH CONNECTION TERMINALS:

For float switch connection only. Do not apply power. (Voltage across terminals is 8-9 VDC).

**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 (7.0 cm x 12.3 cm), high impact, corrosion resistant polypropylene housing for use in sewage and water up to 140°F (60°C)



# SJE Rhombus®

PO Box 1708, Detroit Lakes, MN 56502  
1-888-DIAL-SJE • 1-218-847-1317  
1-218-847-4617 Fax

email: [customer.service@sjerhombus.com](mailto:customer.service@sjerhombus.com)

**[www.sjerhombus.com](http://www.sjerhombus.com)** D.5

SEE BACKSIDE FOR ORDERING INFORMATION.  
SEE PRICE BOOK FOR LIST PRICE.