

# TANK ALERT® AB Alarm System

**Easy-to-install liquid level alarm system with auto-reset and battery backup features 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® AB** 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 alarm light remains on until the condition is remedied. Once the condition is cleared, the alarm will automatically reset. A green "Power On" light indicates 120 VAC primary power to the alarm. Low battery chirp feature indicates when battery should be replaced.

## FEATURES

- NEMA 1 enclosure, designed for ease of installation, rated for indoor use.
- Automatic alarm reset.
- Red "alarm" light and green "power on" light, alarm "test" switch, and horn "silence" switch.
- Alarm horn sounds at 87 decibels at 3 meters (10 feet).
- Can be used with any UL Listed / Recognized 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 4.57 meters (15 feet) 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.
- Low battery chirp.
- Easy access battery compartment.
- External terminal block for easy float switch installation.



## OPTIONS

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

- Alternate float switch models for high or low level warning.
- Auxiliary dry normally open and normally closed contacts. (Tank Alert® AB auxiliary contacts included is CSA certified only.)
- Splice kit.

## SPECIFICATIONS

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

**Battery Backup Power:** 9 VDC

**Alarm Enclosure:** 15.24 x 10.16 x 5.71 cm (6 x 4 x 2.25 inch), NEMA 1 plastic

**Alarm Horn:** 87 decibels at 3 meters (10 feet)

**Auxiliary Alarm Contacts (optional):** (CSA certified only unit)

**Voltage:** 120 VAC

**Current:** 5 amps maximum N/O  
3 amps maximum N/C

**Power Cord:** 1.8 meter (6 foot)

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

**Float:** 7.0 cm diameter x 12.3 cm long (2.74 inch x 4.83 inch), high impact, corrosion resistant polypropylene housing for use in sewage and water up to 60°C (140°F)



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**SEE BACK SIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.**

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## ORDERING INFORMATION

STANDARD ALARM (120 VAC)		Shipping Weight
Part #	Description	
1011421	TA AB-01H (120 VAC w/15' SJE SignalMaster® High Level)	1.24 kg
1011424	TA AB-01L (120 VAC w/15' SJE SignalMaster® Low Level)	1.24 kg
1011423	TA AB-01X (120 VAC no float)	0.65 kg

H = High Level L = Low Level X = No Float

MASTER CARTON holds 16 boxed units.

SEE INTERNATIONAL PRICE BOOK FOR LIST PRICING.

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

## OPTIONS

### Control Switch Options:

The Tank Alert® AB alarm system comes standard with a 4.57 meter (15 ft.) SJE SignalMaster® control switch with mounting clamp. Other float switches are available. See the control switch section of this catalog.



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