

# TANK ALERT® ABW Alarm System

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

The Tank Alert® ABW alarm system features a battery operated **wireless transmitter** that is placed in a tank (up to 150 feet away from the indoor alarm). When the high water alarm float switch activates, the transmitter sends a signal and sounds the indoor alarm warning of a potentially threatening liquid level condition. 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.

The Tank Alert® ABW alarm system monitors liquid levels in lift pump chambers, sump pump basins, holding tanks, sewage, agricultural, effluent filters, and other water applications.

## TANK ALERT® ABW ALARM FEATURES

- NEMA 1 enclosure rated for indoor use.
- Automatic alarm reset.
- Red "alarm" light and green "power on" light, alarm "test" switch, and horn "silence" switch.
- 6 foot (1.8 meter) power cord.
- Alarm horn sounds at 87 decibels at 10 feet (3 meters).
- If primary power fails, the alarm system continues to work due to battery backup feature. Battery Backup Power: 9 VDC. (Battery not included.)
- Package includes standard internally weighted Sensor Float® control switch with 10 feet (3.04 meters) of cable with transmitter.
- Switching mechanism operates on low voltage and is isolated from the power line to reduce the possibility of shock.
- Low battery chirp.
- Loss of signal alarm. After 3 hours and 15 minutes without a signal, an alarm sounds and the red light blinks.
- External terminal block for an optional local alarm float.
- Three-year limited warranty.



## TANK ALERT® ABW TRANSMITTER FEATURES

- Wireless transmitter with up to 150 foot range.
- Meets all FCC requirements.
- Long life lithium battery (recommended replacement 2 years).
- Transmitter transmits once per hour or when the float position is changed.

## OPTIONS

- Mounting bracket
- Alternate float switch models and configurations
- Valve box
- UL Listed component model available



Shown with optional mounting bracket.

## SPECIFICATIONS

### VOLTAGE FOR 120 VAC MODEL:

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

### BATTERY BACKUP POWER: 9VDC

**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)

### OPTIONAL FLOAT SWITCH CONNECTION TERMINAL:

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

### FCC ID #: SCP TAABW01

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.



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SEE BACKSIDE FOR PRICING/ORDERING INFORMATION.

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## PRICING/ORDERING INFORMATION

STANDARD MODELS WITHOUT MOUNTING BRACKET		Suggested List Price	Shipping Weight
Part #	Description		
1017085	TA ABW-01H (120 VAC High w/10ft SJE MilliAmpMaster™ pipe clamp N.O.)	\$297.00	4 lbs.
1016123	TA ABW-01H (120 VAC High w/10ft Sensor Float® internal weight N.O.)	\$300.00	4 lbs.
1016124	TA ABW-01H (120 VAC High w/10ft Sensor Float® pipe clamp N.O.)	\$300.00	4 lbs.
1016125	TA ABW-01H (120 VAC High w/10ft Sensor Float® cable weight N.O.)	\$300.00	4 lbs.

STANDARD MODELS WITH MOUNTING BRACKET		Suggested List Price	Shipping Weight
Part #	Description		
1017797	TA ABW-01H (120 VAC High w/10ft SJE MilliAmpMaster™ pipe clamp N.O.)	\$327.00	5 lbs.
1016316	TA ABW-01H (120 VAC High w/10ft Sensor Float® internal weight N.O.)	\$330.00	5 lbs.
1016317	TA ABW-01H (120 VAC High w/10ft Sensor Float® pipe clamp N.O.)	\$330.00	5 lbs.
1017796	TA ABW-01H (120 VAC High w/10ft Sensor Float® cable weight N.O.)	\$330.00	5 lbs.

STANDARD MODELS WITH VALVE BOX		Suggested List Price	Shipping Weight
Part #	Description		
1018345	TA ABW-01H (120 VAC High w/10ft SJE MilliAmpMaster™ cable weight N.O.)	\$327.00	5 lbs.
1018344	TA ABW-01H (120 VAC High w/10ft Sensor Float® internal weight N.O.)	\$330.00	5 lbs.

UL Listed component version, Vertical Reed Switch version, and normally closed versions also available.

Please contact an SJE-Rhombus® Customer Service Representative for details.

H = High Level

MASTER CARTON holds 5 boxed units.



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### 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)

POWER CORD: 6 foot (1.8 meter)

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

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Call or fax your order!

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