

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

www.sjerhombus.com D.5

SEE BACKSIDE FOR ORDERING INFORMATION.

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ORDERING INFORMATION

120 VAC		List Price	Shipping Weight
Part#	Description		
1036378	TA AB DUO-01H (120 VAC w/15' SJE SignalMaster® High Level)	\$176.50	2.73 lbs

120 VAC WITH AUXILIARY CONTACTS		List Price	Shipping Weight
Part#	Description		
1038473	TA AB DUO-01HA (120 VAC w/15' SJE SignalMaster® High Level w/Aux Contacts)	\$194.63	2.75 lbs

H = High Level A = Auxiliary Contacts

MASTER CARTON holds 16 boxed units.



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)

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 connections 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	Price
AUX	Auxiliary Alarm Contacts (factory installed)	\$18.62

Call or fax your order!

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

SJE Rhombus®
www.sjerrhombus.com
customer.service@sjerrhombus.com