

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

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Notice to Installer: Instructions must remain with installation.

"A-PAK" ALARM SYSTEMS INSTALLATION INSTRUCTIONS FOR STANDARD MODEL 10-2613 AND MODEL 10-2615 WITH AUXILLIARY CONTACTS

Installer must provide proper length of two conductor wires which connects the control switch to the alarm panel and parts necessary to make cable splice. (*When used underground, wire must be approved for underground use. For example: 14-2 type UF). Wire size 16-22 AWG.

FOR YOUR PROTECTION ALWAYS DISCONNECT FROM POWER SOURCE BEFORE HANDLING. The "A-Pak" unit is supplied with a 3-prong grounded plug to help protect you against the possibility of electrical shock. **DO NOT UNDER ANY CIRCUMSTANCES REMOVE THE GROUND PIN.** The 3-prong plug must be inserted into a mating 3-prong grounded receptacle. If the installation does not have such a receptacle, it must be changed to the proper type, wired and grounded in accordance with the National Electrical Code and all applicable local codes and ordinances. The "A-Pak" has a double insulated plastic enclosure for your protection.

SPECIFICATIONS

This alarm system monitors liquid levels in lift pump chambers, sump pump basins, holding tanks, sewage, agricultural and other non-potable water applications. It features a red warning light, green "power on" light, alarm test switch and horn silence switch. "A-Pak" primary voltage is 120 VAC, 60 Hz, 2.4 watts max (alarm condition) (circuit is not supervised). Secondary voltage is 9 VDC (circuit is not supervised). Battery backup power is 9 VDC.

NOTE: The alarm panel plugs into a standard household 120 VAC socket. **DO NOT** plug "A-Pak" Alarm System into the same circuit as the pump. The "A-Pak" Alarm System should be connected to a circuit separate from the pump circuit. Push test button to check alarm panel for operation.

ALARM PANEL INSTALLATION

- 1) Mount the alarm panel indoors with screws provided. **NOTE:** The mounting screw is to be located over a wall stud or used with a wall anchor sized for a #8 x 1.25 self tapping screw.
- 2) Hang the panel by the keyhole in the back of the alarm enclosure and install the second screw between the tabs located on bottom of the enclosure.
- 3) Using the provided cable clamp, secure the power cord to the outlet as shown (see Figure B). Use existing receptacle faceplate screw and supplied washer.

CONTROL SWITCH MOUNTING CLAMP INSTALLATION

▲ WARNING DO NOT install switch in direct line of incoming liquid.

- 1) Place the clamp into the switch housing as shown (see Figure C).
- 2) Locate clamp at desired activation level and secure the clamp to the discharge pipe as shown (see Figure C).
NOTE: DO NOT install cord under hose clamp.
- 3) Tighten the hose clamp using a screwdriver. Over tightening may result in damage to the switch housing.
- 4) Check installation. Allow system to cycle to insure proper operation.

NOTE: All hose clamp components are made of 18-8 stainless steel material. See your SJE-Rhombus® supplier for replacements.

CONTROL SWITCH INSTALLATION

Connect the two conductors from the control switch to either of the terminations on the bottom of the alarm panel (see Figure A). The control switch operates on low voltage and is isolated from the 120 VAC power line to reduce shock hazards.

TEST

Check and test your installation by lifting the float manually (see Figure D). The alarm panel should indicate an alarm condition. The Zoeller Company cannot be responsible for damages caused by the faulty or negligent installation of this device. We respectfully suggest you engage the services of a qualified licensed electrician or service person. Push Test button once per week to verify proper operation.

▲ WARNING All electrical systems must be installed by a qualified licensed electrician according to the National Electrical Code.

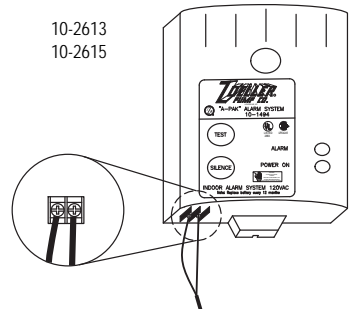


Figure A

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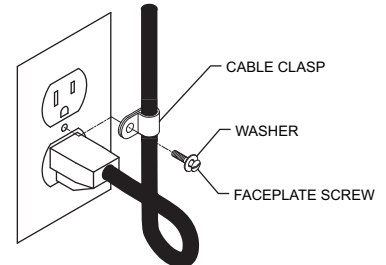


Figure B

SK2148

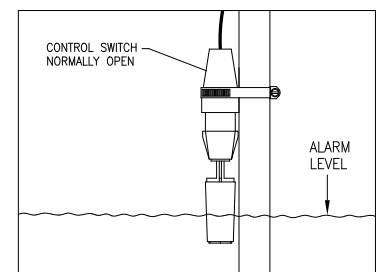


Figure C

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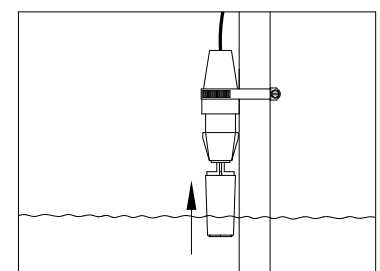


Figure D

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