



# **DELTA ENVIRONMENTAL<sup>®</sup>**

## **SUMP ALARM**

### **AUXILIARY ALARM**

# DELTA ENVIRONMENTAL<sup>®</sup>

## Auxiliary Alarm

### The Changing Force in Pressure Sewer

The Delta Environmental sump alarm is designed as a high liquid level alarm system. The auxiliary alarm system is engineered specifically for pump basins, holding tanks, sewage systems, and lift pump chambers.

### Benefits and Features

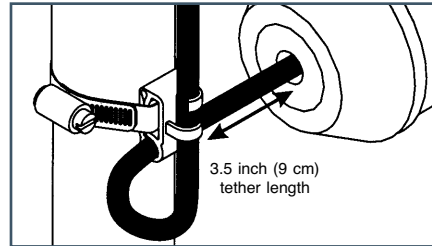
The Delta Environmental sump alarm is designed as a high liquid level alarm system. The auxiliary alarm system is engineered specifically for pump basins, holding tanks, sewage systems, and lift pump chambers.

- Installs in minutes
- Quick connect terminal block
- Corrosion resistant construction
- Indoor, NEMA 1 enclosure
- Includes three power modes
  - 120 volt power source
  - 9 volt battery source (battery not included)
  - 120 volt with 9 volt back-up
- Works during power failure

### Installing the Float Switch

1. Place the cord into the clamp as shown in Figure A.
2. Locate the clamp at the desired activation level and secure the clamp to the discharge pipe as shown in Figure A. Note: Do not install cord under hose clamp.
3. Tighten the hose clamp using a screwdriver. Over tightening may result in damage to the plastic clamp. Make sure the float cable is not allowed to touch the excess hose clamp band during operation.
4. Wire cable leads directly into control device as shown in Figure B.
5. 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 Delta Environmental supplier for replacements.

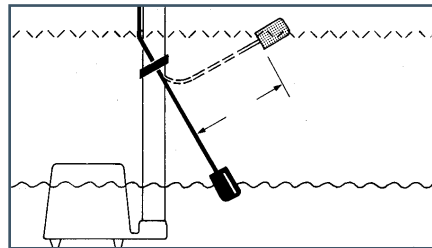


**Fig. A**

### Installing the Alarm

1. Mount alarm panel inside building with screw using the hole located top center of the upper mounting bracket on the panel.
2. Connect the two conductor wires from the sensor float to the quick connect terminals on the bottom of the alarm panel.  
**NOTE:** The alarm panel plugs into a standard household 120 VAC receptacle.
3. To check the alarm panel, move the H-O-A switch to the "Test" position

**NOTE:** The float switch operates on low voltage and is isolated from the 120V power line to reduce shock hazard. Attach float switch cable to discharge pipe with cable tie provided as shown in Figure B. Minimum tether should be 5 inches.



**Fig. B**

Technical Information	
Power Cord	6 ft. 18/3 SPT-2
Voltage	Primary, 120V, 60 Hz Secondary, 9V
Watts	5 watt alarm condition
Alarm Panel	NEMA 1, 6" x 4" x 2" plastic enclosure with line cord
Float	2" dia. x 3" long switch
Intermittent Liquid Temp.	Up to 140°F
Switch Cord	10 ft. 18/2 SJOW

