

CSH INC

Model WA9-04

HIGH or LOW Water Alarm

Installation instructions:

Step 1: Remove the front cover of the alarm unit; install 9-volt battery, plug transformer unit into standard 115V outlet. Alarm will function without battery if omitted. ***Note:** typical quality 9-Volt battery, when new, will sound alarm for approximately 36 hours.

Step 2: Mount the rear portion of the control box with the two (2) screws supplied. Place screws through the drilled mounting holes. If different holes are required, it is safe to drill new holes. The alarm operates on a low voltage 9-Volt safe system and can be installed by the user / homeowner safely.

Step 3: Determine the height at which the alarm will need to activate. ***Note 1:** The float switch should be allowed to be in a nearly full vertical position still below the point of overflow. Attach the switch to the discharge pipe with the "tether strap" supplied. ****Note 2:** The float requires approximately 60 degrees of travel. The "tether strap" is set 5 inches from the switch. The float needs to be free and clear to move approximately 5 inches in an arc. If more float travel is required, move the tether strap farther from the float switch. **Warning:** if insufficient travel is allowed or otherwise obstructed the unit will not function properly. **Warning:** If tether is moved too close to the float switch, the cable cannot flex properly potentially causing failure.

Step 4: Make sure alarm unit is plugged in and switched to the "on" position. Push the test button, alarm should sound. **Warning:** Alarm Unit will not function unless left in the "on" position. CSH Incorporated can not be held responsible or liable if any damage occurs from leaving unit in "off" position.

Step 5: Testing the function is advised... allow the sump crock to fill with pump off, watch to see that the alarm functions prior to overflow. If it fails, move "tether strap" lower on discharge pipe until positioned properly.

Test Procedures:

It is recommended to test periodically (suggested once per month) Open cover, unplug battery if present, hold test button in for a minimum of 30 seconds. If audible alarm continues to sound after the 30 seconds, then AC power is present.

Unplug AC transformer hold test button in until sound discontinues {residual power is stored in transformer causing temporary sound}. Re-install 9-volt battery and push the test button. If the audible alarm is sounding at the same level as before {when plugged into AC outlet}, the battery is good.

Replace cover on wall mount, place AC transformer back into 115V outlet and lift float switch manually to high water position. Alarm will activate. If alarm fails re-inspect unit for loose wire or improper power supply.

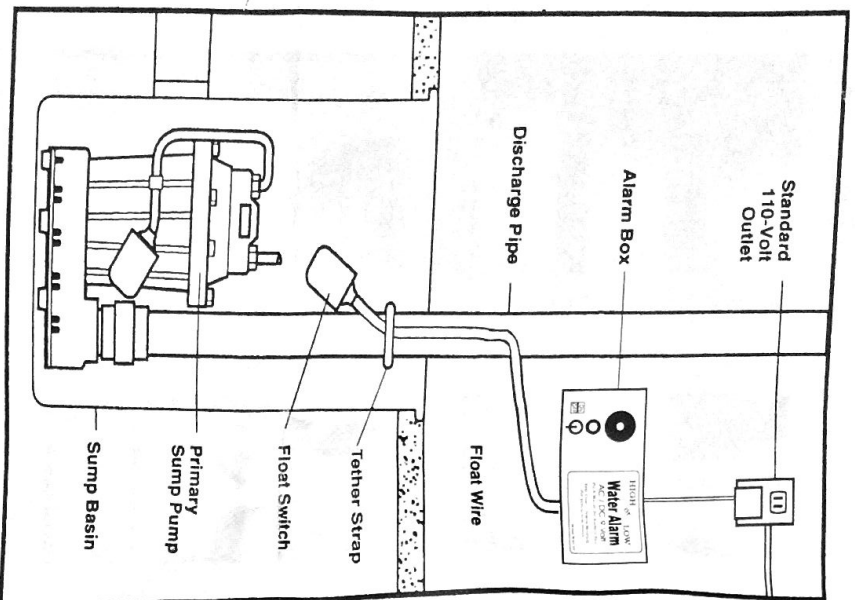
Other Functions:

This unit can be reversed to operate as a "Low water" alarm. To complete this a simple wire change inside the alarm unit is required. This is a safe procedure due to the 9-Volt operation.

Remove cover

Switch the "Black" wire of the float switch and exchange with the "Green" wire and re-secure. (See diagram inside back wall mount cover)

Replace cover and follow a similar procedure for set up noted in "High water" installation instructions.



Features

- User Safe 9-Volt AC power, 9-Volt DC backup
- Easy conversion From high water to low water alarm
- 90 to 95 Decibel sound alarm
- Toggle on/off switch
- Reliable Non-Mercury Float switch
- Easy installation
- Attachment strap included
- Corrosion resistant ABS float
- 9-Volt transformer and Float switch with cord are UL listed and CSA approved
- 1 year limited warranty

SAVE THESE INSTRUCTIONS ~ DO NOT DISCARD