

# Cast Iron Cable Weight

Control and Pump Switches

FLOAT SWITCH ATTACHMENT

**Alderon**  
INDUSTRIES

TECHNICAL DATA SHEET

## DESCRIPTION OF OPERATION

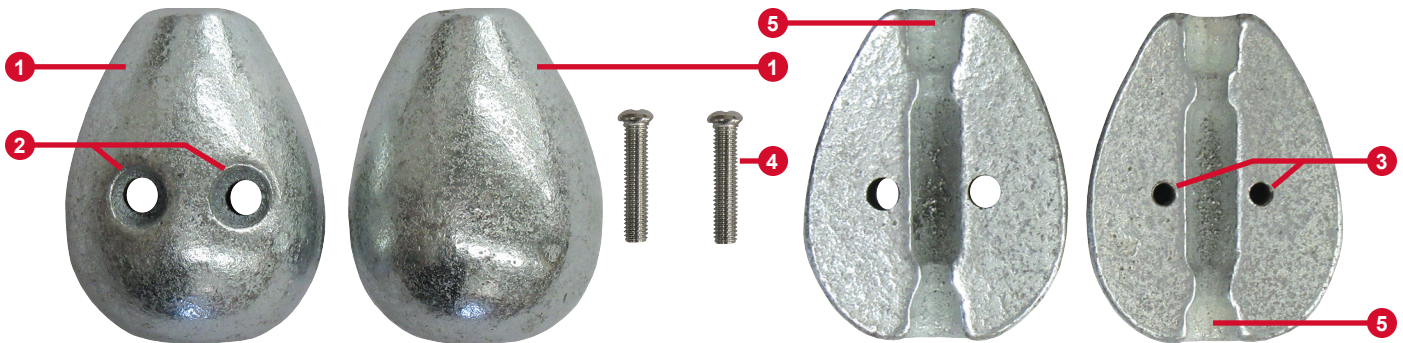


The Cast Iron Cable Weight is used as a pivot point for the activation of a control or pump float switch. Typically used in a tank where the float switch is suspended from a mounted float bracket or per local codes.

This product can be used with different types of float switches for a variety of applications, including but not limited to: lift stations, septic tanks, holding tanks, pump chambers, and water tanks for liquids up to 200° F.

Made with zinc plated cast iron, the material is resistant to the harsh chemicals which exist in certain applications.

## STANDARD FEATURES



**(1) Cable Weight Halves** - The cast iron cable weight is separated into two halves to affix around the float switch cable. Made from zinc plated cast iron.

**(2) Screw Holes** - Two screw holes are located on the front outside portion of the cable weight.

**(3) Threaded Screw Holes** - Two threaded screw holes are located on the inside back portion of the cable weight.

**(4) Screws** - Two screws are included to fasten both halves of the cable weight together.

**(5) Cable Slots** - The slots are located on both inside halves of the cable weight, sized for 18 AWG to 14 AWG type float switch cables and the bottom side of the weight acts as a pivot point for the control or pump float switch.

## SPECIFICATIONS

### Cast Iron Cable Weight

**Cable Weight Material**  
Zinc Plated Cast Iron

**Operating Temperature**  
For use in liquids up to 200° F

**Weight**  
1.20 lb

**Screws Material**  
Stainless Steel

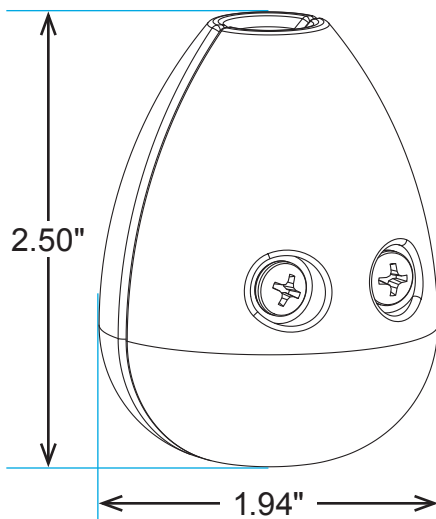
**Diameter**  
1.94 inches

**Three-Year Limited Warranty**

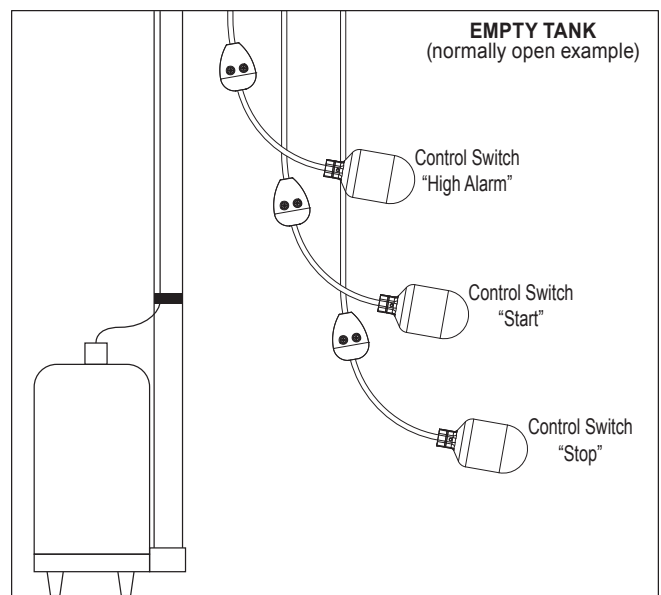
**Cable Slot**  
18 AWG to 14 AWG type cable sizes  
(diameter 0.28 - 0.39 inches)

**Height**  
2.50 inches

## MECHANICAL DRAWING



## APPLICATION EXAMPLE



Multiple float switches with cable weights are typically used for control applications to empty or fill a tank.

Normally Open (empty):

Top Float = High Alarm  
Middle Float = Start Pump  
Bottom Float = Stop Pump

Normally Closed (fill):

Top Float = Stop Pump  
Middle Float = Start Pump  
Bottom Float = Low Alarm

## ORDERING INFORMATION

For a complete list of standard products with pricing, refer to the current year price sheet or visit [alderonind.com](http://alderonind.com) for more information.

PART NUMBER	DESCRIPTION
7039	Cast Iron Cable Weight