

# Installation Guide

## Double Throw



Double Throw hook up

Black is common

Red is Normally Open (Pump Down)

White is Normally Closed (Pump Up)

## Typical Normally Open Application

### (PUMP DOWN)

1. Attach cord, using a cable tie, to any convenient rigid surface as illustrated. This is known as the tether point. Do not tighten until both turn-on and turn-off levels are established.

(See Fig. 1)

2. To adjust greater distance between turn-on and turn-off, increase cord length between tether point and float. For less distance between turn-on and turn-off decrease cord length.
3. Make sure the float is at least 2 inches above pump base, in the turn-off position, before tightening cable tie at the tether point.
4. Plug piggy-back switch cord (Currant Tap) into grounded outlet, then plug into piggy-back switch cord, and check for proper operation.

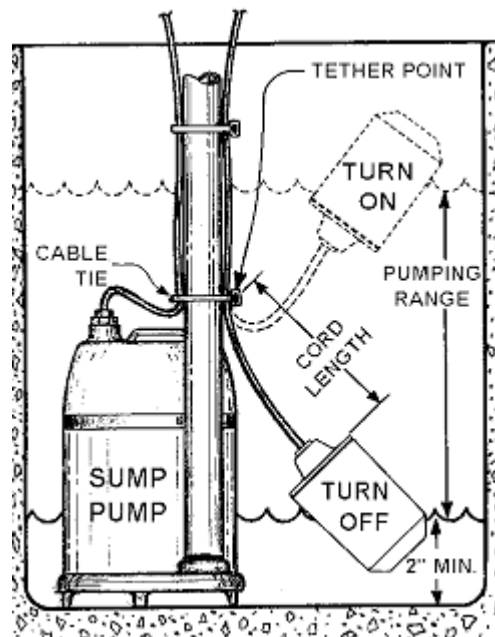


Fig. 1

### Typical Normally Closed Application

#### (PUMP UP)

1. Attach cord, using a cable tie, to any convenient rigid surface as illustrated. this is known as the tether point. Do not tighten until both turn-on and turn-off levels are established.

(See Fig. 2)

2. To adjust for greater distance between turn-on and turn-off; Increase cord length between tether point and float. For less distance between turn-on and turn-off, decrease cord length.

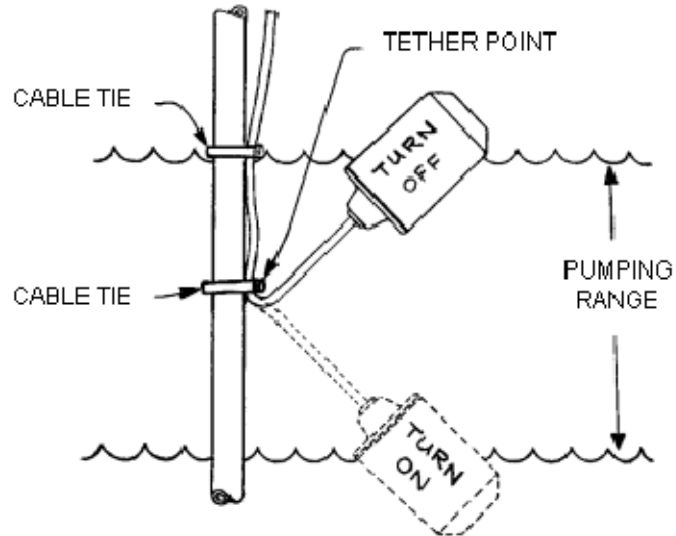
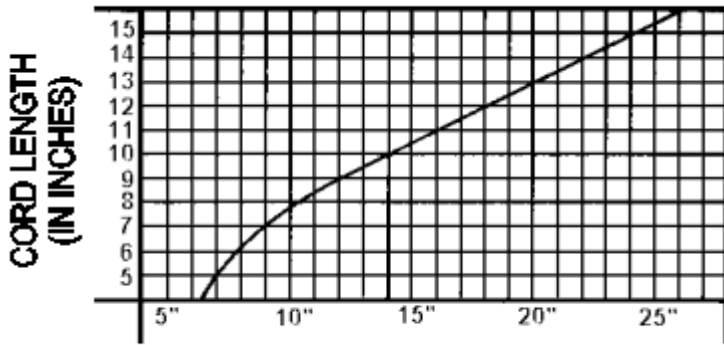


Fig. 2

(See Charts; Fig. 3 & 4)

3. Make sure levels are correct, and that the float moves freely with no obstructions, then tighten cable ties.

**NOTE:** To prevent motor burnout make sure turn-off level is at least 2 inches minimum or more above the base.

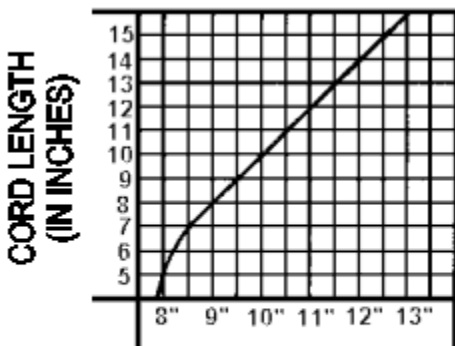


**For CPE Cord**  
**(16-2 SJOW)**

Refer to Fig. 1

**APPROXIMATE PUMPING RANGE**

Fig. 3



**For PVC Jacketed Cord**  
**(16-2 SJTW)**

PVC Jacketed Cord is subject to changes due to temperature. This chart is based on 68 F. when using PVC jacketed wire, established pumping range at room temperature.

**APPROXIMATE PUMPING RANGE**

Fig. 4