



# The Ultimate Solution for Activating a Pump



Ultimate Sensor  
with Ultimate  
Controller (USC3)



- 100% solid state circuitry has no moving parts to wear out or break
- Industrial grade construction with uncomplicated design
- Designed for use in many applications including sump and sewage
- Senses water level regardless of how fast or slow the sump pit fills
- Patented technology in both sensor and controller

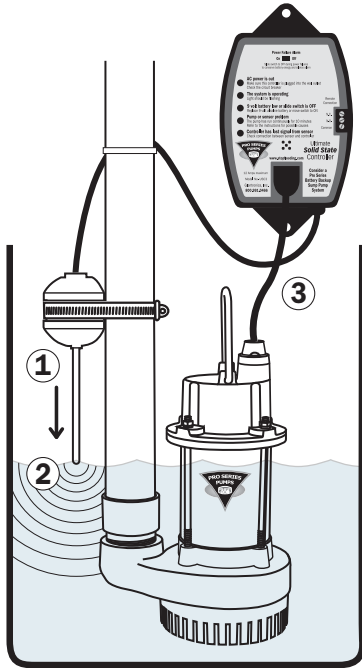
- Utilizes reliable, proven "Triac" electronic technology; the same technology used in microwaves and other appliances for decades
- Monitors pump and power conditions and sounds an alarm when problems are detected
- Adjustable run time from 5-45 seconds after the water level falls below the sensor
- Activates pump weekly to exercise and extend pump life

Industrial Grade for the Residential Market

[www.stopflooding.com](http://www.stopflooding.com) 800-991-0466

# Ultimate Sensor with Ultimate Controller (USC3)

## How this System Works:



1. Embedded computer sends signal down the 3.5 inch long stainless steel sensor rod
2. When the water level touches the rod, the signal gets absorbed, modifying the signal
3. When the controller receives the modified signal from the sensor, it powers the digital Triac circuit, activating the pump

## PHCC Pro Series Ultimate Sensor

### Features Include:

- Imbedded computer monitors any material buildup on sensor rod and keeps on working
- Sensor can be raised or lowered to adjust activation level
- Slow Fill Recognition senses the water level regardless of how fast or slow the sump pit is filling up
- Designed for use in many applications including sump and sewage
- Easy Installation - with a removable connector, the sensor wire can be easily fed through small sump pit cover holes, then reconnected directly to the controller
- 3.5" long, 316 grade stainless steel sensor rod will not corrode
- Sensor sends "Heartbeat" signal to controller, if the sensor is unplugged or not operating an alarm will activate
- Mounts to discharge pipe with included stainless steel hose clamp
- The ultimate choice for high cycling applications



## Why this System is so Reliable:

To insure reliable ON/OFF operation, the system uses Triac technology. Triacs are digital switches proven in high power switching applications, such as microwaves and toasters.

Coupled with the embedded computer in the Ultimate Sensor, the Triac provides a foolproof system for detecting rising water and activating the pump.

## PHCC Pro Series Ultimate Controller

### Features Include:

- Monitors and sounds an alarm when:
  - AC power has failed
  - 9v battery is low or slide switch is off
  - Pump or plumbing problem is detected caused by pump running continuously for 10 minutes
  - Sensor is unplugged or not operating
- System is operating light (flashes)
- Reliable and proven Triac technology used in many industries
- Adjustable run time from 5-45 seconds after the water level falls below the sensor
- Includes external terminals (low voltage control 12/24v) for connecting to a remote dialer or home security system
- Sensor can be unplugged for ease of installation
- Activates pump weekly to exercise and extend pump life
- Universal controller mounting
- 4' power cord



## Included with the System

- Ultimate Sensor (with 10' cord)
- Ultimate Controller
- Stainless steel hose clamp
- 3 year warranty, 5 year warranty when purchased with an S5 Series pump

Available from: