

# H2Oil Alarm™ System

## Monitors and Controls Pump Used in Water/Oil Environments

The **CSI H2Oil Alarm™** system is designed to provide pump control and alarm notification of potentially threatening water and oil levels in simplex pumping applications. The system features an innovative **Oil Water Switch** that **senses the difference between water and oil** to remove water from the tank, while preventing oil from being pumped into the environment.

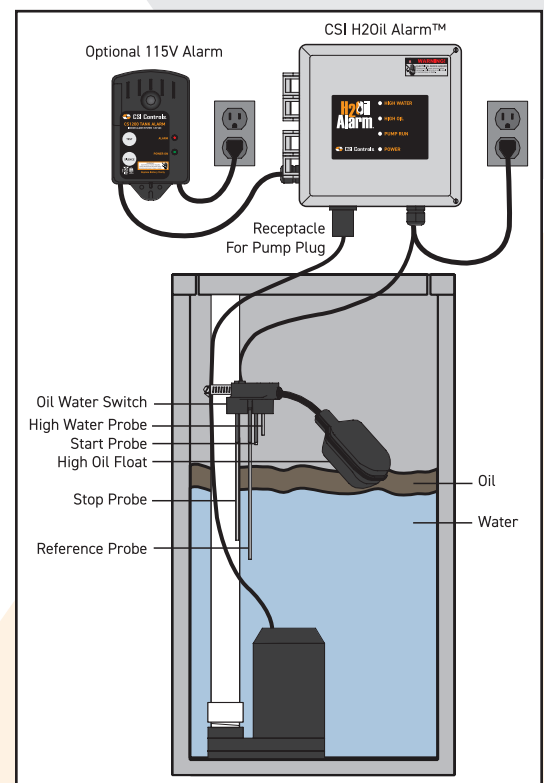
As water and oil enter the tank, the oil rises to create a floating layer on top of the water. The water level rises to reach the **Start Probe**, activating the pump to remove water from the tank. It continues pumping water out of the tank until the water level falls below the **Stop Probe**, deactivating the pump. If the water level continues to rise and reaches the **High Water Probe**, the red High Water LED indicator illuminates and auxiliary contacts close (activating an optional CS1200 tank alarm or other remote device). If the oil level rises to activate the mechanical **High Oil Float**, the red High Oil LED indicator illuminates and auxiliary contacts close (activating an optional CS1200 tank alarm or other remote device).

### FEATURES

- Plug and play - no wiring for easy installation
- NEMA 1 rated for indoor use
- Receptacle to accept one 115 VAC pump plug (15 amp FLA max.)
- LED indicators: High water (red); High oil (red); Pump run (green); Power on (green)
- Factory-installed Oil Water Switch: high water probe, start probe, stop probe, reference probe
- Pump activation probes (start and stop levels) 5 inch pumping range
- Helps satisfy requirements of an ASME A17.1 compliant system



Receptacle on bottom of panel  
115V model shown



# CSI Controls®

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## H2OIL ALARM™ SYSTEM

Part #	Description
1037497	H2Oil Alarm™ System
1037520	H2Oil Alarm™ System with CS1200 Alarm

SEE PRICE BOOK FOR LIST PRICE.

## SPECIFICATIONS

**VOLTAGE SUPPLY:** Pump: 115 VAC 50/60 Hz 1Ø  
Control/Alarm: 115 VAC 60 Hz 1Ø

**ENCLOSURE:** 8 x 8 x 4 inch (20.3 x 20.3 x 10.2 cm)  
NEMA 1 thermoplastic rated for indoor use

**RECEPTACLE:** 115 VAC type 5-15

**PUMP AMPS:** 0-15 Amps



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