

SJE Oil Spotter™ System

Designed to control one 120V single phase pump using a receptacle for easy pump connections in indoor simplex pump applications. No wiring needed.

The **SJE Oil Spotter™** 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, factory-installed Oil Water Switch that senses the difference between oil and water to remove water from the tank, while preventing oil from entering the environment.

The Oil Water Switch features four probes (start level, stop level, high water level, reference for ground) and a mechanical high oil alarm float.

Common applications include elevator sump basins, transformer vaults, leachate well applications, garages or any application requiring ASME A17.1 compliance.

In normal operation, 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 (5" pumping range).

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 Tank Alert® 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 Tank Alert® alarm or other remote device).



Standard Control Panels

FEATURES

- NEMA 1 enclosure rated for indoor use
- Factory-installed 3 meters (10 feet) power cord
- LED indicators for:
 - High Water (red)
 - High Oil (red)
 - Pump Run (green)
 - Power (green)
- Factory installed Oil Water switch includes:
 - High Oil Float
 - High Water Probe
 - Start Probe
 - Stop Probe
 - Reference Probe

SPECIFICATIONS

Voltage: 120 VAC

Enclosure: 20.32 x 20.32 x 10.16 cm (8 x 8 x 4 inches), NEMA 1 indoor

Receptacle: 120 VAC NEMA type 5-15

Maximum Current: 15 amps