

SJE OIL SPOTTER™ SYSTEM

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 inch 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).

FEATURES

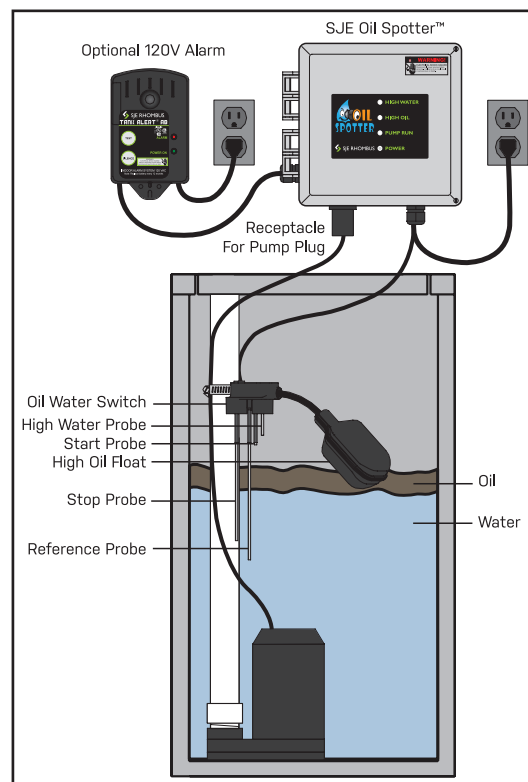
- NEMA 1 rated for indoor use
- Factory-installed 10ft power cord
- Plug and play - no wiring for easy installation
- Receptacle to accept one 120 VAC or 230 VAC pump plug (15 amp FLA max)
- SJE Oil Spotter™ Panel with LED indicators for:
 - High Water Indicator (red)
 - High Oil Indicator (red)
 - Pump Run Indicator (green)
 - Power Indicator (green)
- Factory-installed Oil Water switch includes:
 - High oil float
 - High water probe
 - Start probe
 - Stop probe
 - Reference probe
- Pump activation probes (start and stop levels) 5 inch pumping range
- Helps satisfy requirements of ASME A17.1 compliant system



Receptacle on bottom of panel
120V model shown



Oil Detection



SJE OIL SPOTTER™ - Provides pump control and alarm notification of potentially threatening water and oil levels in simplex pumping applications.

Part #	Description (120V)	Shipping Weight
1033606	SJE Oil Spotter™ System (10ft)	13 lbs.
1033578	SJE Oil Spotter™ System (10ft) w/ Tank Alert® AB	15 lbs.
1036286	SJE Oil Spotter™ System (50ft) w/ Tank Alert® AB	18 lbs.
Part #	Description (230V)	Shipping Weight
1037562	SJE Oil Spotter™ 230V System (10ft)	13 lbs.
1037723	SJE Oil Spotter™ 230V System (10ft) w/ Tank Alert® AB	15 lbs.

SPECIFICATIONS

VOLTAGE: 120 VAC; 230 VAC
ENCLOSURE: 8 x 8 x 4 inch (20.32 x 20.32 x 10.16 cm), NEMA 1 indoor
RECEPTACLE: 120 VAC NEMA type 5-15; 230 VAC NEMA type 6-15
MAXIMUM CURRENT: 15 Amps

Oil Detection