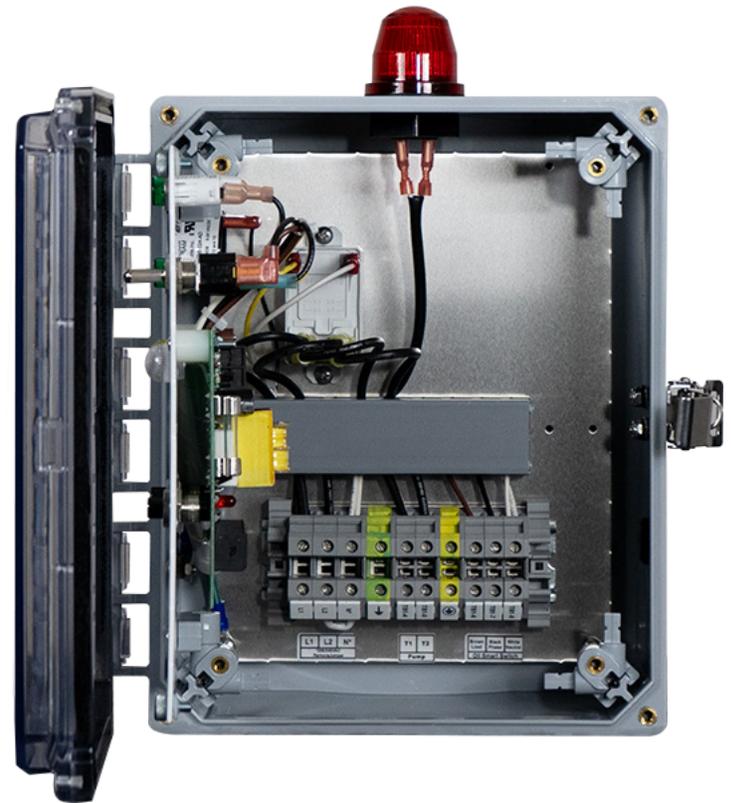


The Oil Smart® simplex control panel (OSSIM-30), when combined with a manual sump pump, will automatically pump water without the risk of pumping oil into the environment. The system will alert in the event of a high oil or high water condition. Installation of the OSSIM-30 allows you to comply with Elevator Code ASME A17.1 and state/federal regulations while reducing the risk of adverse publicity, fines, and expensive cleanup costs.

OIL SMART®



Features

- Includes Oil Smart® Pump Switch and Liquid Smart® Alarm Sensor with 20' Cords
- Heavy duty polycarbonate indoor/outdoor NEMA 4X rated enclosure with stainless steel lockable latch
- Pump control and alarm components differentiate between oil and water
- Pump control visible indicators: Pump hand-off-auto (H.O.A.) switch, green Pump Run light, and green Power On light
- Alarm visible indicators: Red beacon alarm light, yellow light for oil, white light for water, alarm test and silence buttons
- Alarm horn sounds at 85 decibels at 10 feet
- Remote monitoring dry contacts: Oil, Water, and High Liquid
- Panel and controls: UL listed for the United States and Canada

Applications

- Elevator sumps
- Electric utilities (Substations, power plants, underground vaults, and transformer barriers)
- Manufacturing facilities
- Any application where there is a need to remove water while containing oil



Call us toll-free at 888.733.9283 to speak with one of our expert Sales Engineers.



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www.seewaterinc.com

sales@seewaterinc.com

Simplex Single Phase: 120/208/240VAC

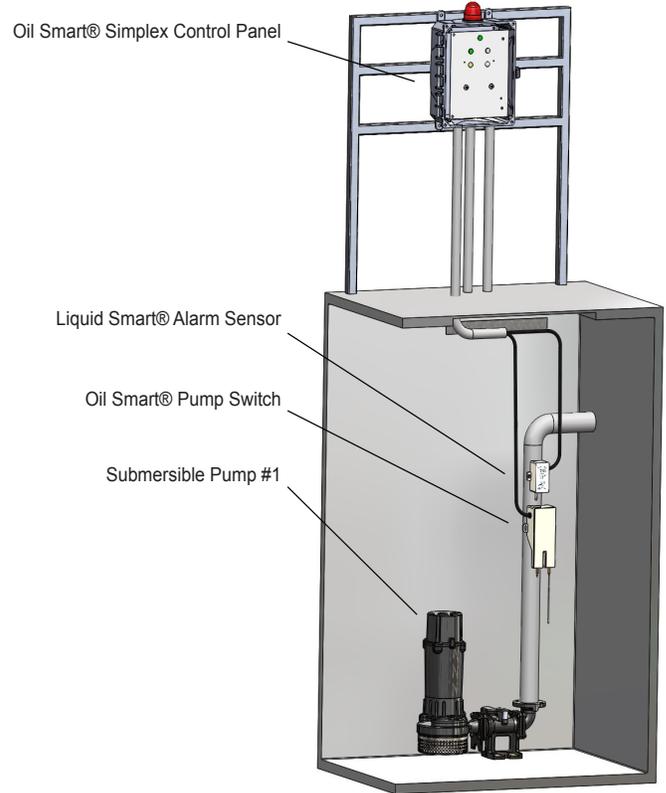
Models	Pump Full Load Amp Rating
OSSIM-30	0-16.0 FLA

Custom Options

Option(s)	Description
24	Pump Exerciser - Auto Cycles Pump(s) Daily, Weekly or Monthly
AF	Alarm Flasher
C	Additional Cord Length Greater than 20'
CB	Circuit Breaker
CC	Cycle Counter w/ LCD Display and Reset
DPR	Dry Contact for Pump Run
E	50Hz Configuration
ET	Elapsed Time Meter w/ LCD Display and Reset
MD	Main Disconnect
PX	Pump Portal® Wireless Remote System Monitoring
S3	No Sensors Included

*Additional cord length greater than 20'. Specify after C. Example: (OSSIM-30-C50) Indicates 50' cord lengths for all components.

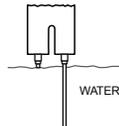
Typical Installation of Oil Smart® Simplex Control Panel



Operation of Oil Smart®

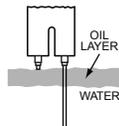
Normal Condition (Water Only)

When water comes in contact with the short (on) sensor, the pump will turn on. The pump will remain on until water clears the long (off) sensor.



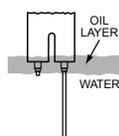
Oil Present Condition

If oil comes in contact with the (on) sensor, the pump will not turn on.



Water (Oil Present Condition)

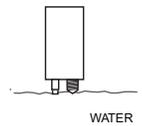
If the water level rises enough to contact the (on) sensor under the oil layer, the pump will turn on and remain on until the (off) sensor clears of water.



Operation of Liquid Smart®

High Water Level

When water comes in contact with both sensors, the white water indicator on the front of the panel will illuminate. This condition will turn on the red beacon alarm light and sound the alarm buzzer.



High Oil Level

If oil comes in contact with both sensors, the yellow oil indicator on the front of the panel will illuminate. This condition will turn on the red beacon alarm light and sound the alarm buzzer.

