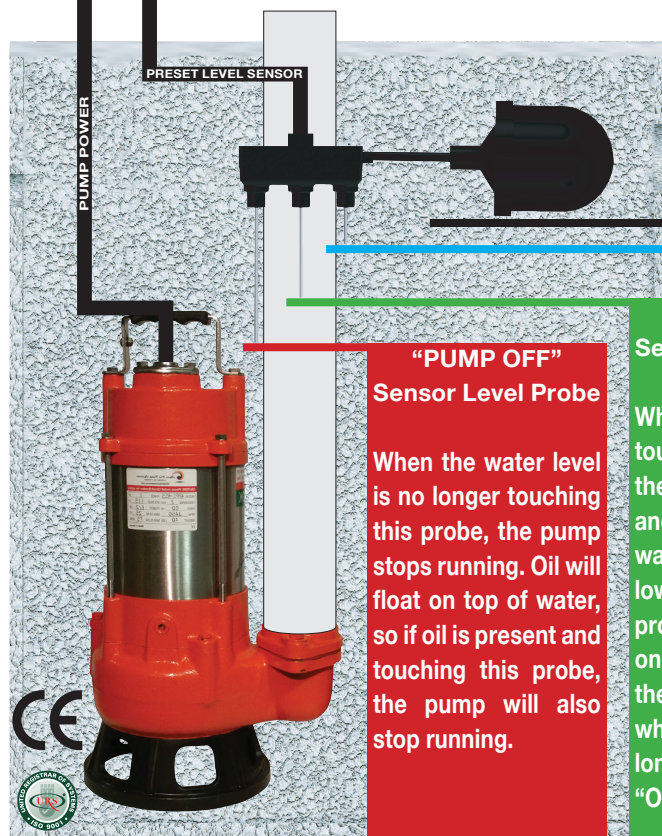
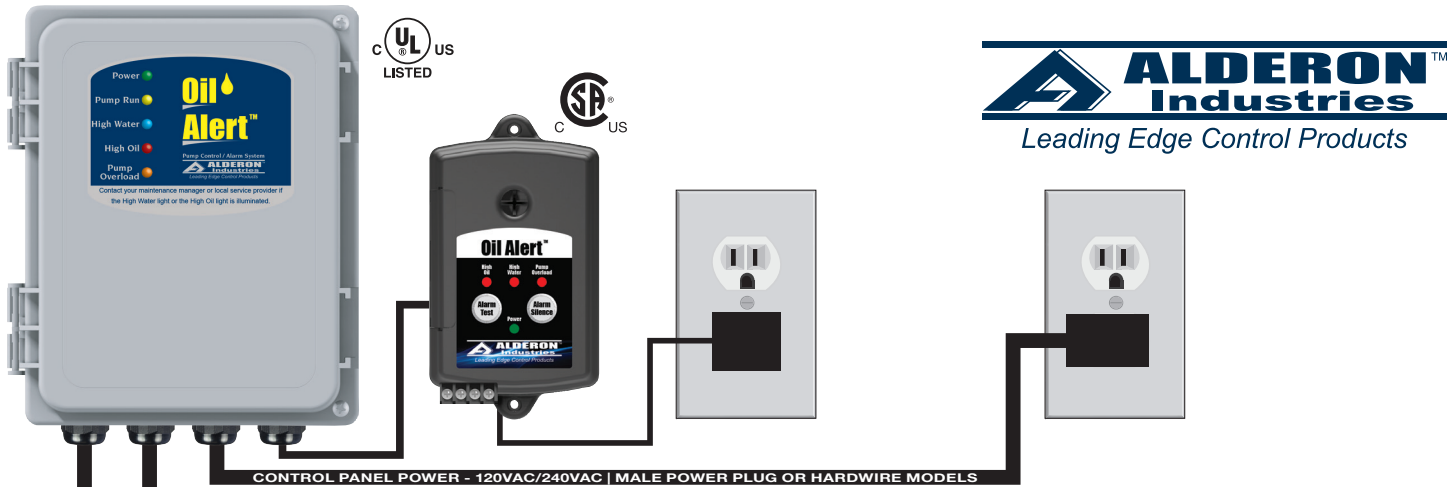




*Aqua Pro Pump Systems*  
a Tomiko Inc. Company

# APPS Pumps with Alderon™ Oil Alert™ System



**“PUMP OFF”  
Sensor Level Probe**

When the water level is no longer touching this probe, the pump stops running. Oil will float on top of water, so if oil is present and touching this probe, the pump will also stop running.

**“PUMP ON”  
Sensor Level Probe**

When water rises and touches this probe, the pump turns on and stays on until the water level drops below the “Pump Off” probe. If oil is floating on top of the water, the pump will stop when water is no longer touching the “Off” probe.

**“HIGH WATER”  
Sensor Level Probe**

When water rises and touches this probe, the high water alarm buzzer annunciates while the LED alarm indicator illuminates and pump continues to run. The alarm automatically resets when the water level is no longer touching the “High Water” probe.

**“OIL DETECTION”  
High Level Float**

If the oil/hydrocarbon layer floating on top of the water level is touching the “High Water” Level Probe on the sensor while simultaneously activating the high level float, then the high oil alarm is activated and pumping does not occur. Authorized personnel can now safely remove the oil from the sump.

**CONTACT:**





# Aqua Pro Pump Systems

a Tomiko Inc. Company

## DESCRIPTION OF SYSTEM OPERATION

The one source complete system setup using the combination of Aqua Pro Pump Systems (APPS) pumps and Alderon Industries™ Oil Alert™ Elevator Sump Water Removal control panels. The water discharge and oil containment system is used to remove water from elevator sump pits while retaining oil and other hydrocarbons. The control panel includes indicator lights for power, pump run, high water, high oil, and pump overload (specific models). The preset level sensor connects to the control panel for an easy installation and the remote alarm panel is connected to the auxiliary contacts inside the control panel for remote alarm indication.

### .5HP SUBMERSIBLE PUMP

- Bimetal Thermal Overload
- Stainless Steel Motor Casing
- Silicon Carbide and Carbon Ceramic Dual Mechanical Seals
- Oil Chamber
- Seal Probe Port
- Double Roller Bearings
- Available in Three Phase

Model: RS5  
 Frequency: 60 Hz  
 Phase: Single  
 Voltage: 115VAC  
 HP: 0.5  
 Discharge: 2.0 Inches  
 Speed: 2P/3500  
 Shutoff: 26 Feet  
 Max Flow: 79gpm @ 8'tdh  
 Weight: 40 lb  
 LRA: 30  
 FLA: 6  
 Cord Length: 20 Feet



### 1HP HIGH HEAD SUBMERSIBLE PUMP

- Bimetal Thermal Overload
- Stainless Steel Motor Casing
- Silicon Carbide and Carbon Ceramic Dual Mechanical Seals
- Oil Chamber
- Seal Probe Port
- Double Roller Bearings
- Available in Three Phase

Model: AE100  
 Frequency: 60 Hz  
 Phase: Single  
 Voltage: 220VAC  
 HP: 1.0  
 Discharge: 2.0 Inches  
 Speed: 2P/3500  
 Shutoff: 41 Feet  
 Max Flow: 100gpm @ 10'tdh  
 Weight: 45 lb  
 Solid Passage: 1.3 Inches  
 LRA: 50  
 FLA: 10  
 Cord Length: 20 Feet



## OIL ALERT™ CONTROL PANELS with LEVEL SENSOR and REMOTE ALARM

### CONTROL PANEL

Models: Indoor (Type 1) and Outdoor (Type 4X)  
 Phase: Single Phase and Three Phase  
 Voltage: 120VAC, 230VAC, and 208/230/460VAC  
 Amps: 1-14A, 1-18A, 14-18A, and Specific Overload Ranges  
 Type: Simplex and Duplex  
 Panel Wiring: Pre-Installed Cables/Sensor and Hardwire

### ALARM PANEL

Enclosure: Indoor (Type 1)  
 Primary Power: 120VAC, 60Hz, Five Foot Power Cord  
 Secondary Power: Class 2, 9-11.1VDC, 500mA  
 Auxiliary Contacts: Normally Open, 24VDC/24VAC (50/60Hz), 100mA Maximum  
 Battery Backup: Standard 9VDC (not included)  
 Buzzer: 103 dB @ 2 Feet

### PRESET LEVEL SENSOR (25' Cable)

ABS Housing, High Impact PVC Float, and Stainless Steel Probes

