

## **SIMPLEX PUMP WITH VALVES**

### **MODEL SE-50-MV-IS5 OIL ALARM & SEPARATION CONTROL PANEL**

MICHIGAN PRODUCT APPROVAL 1644-P

Simplex elevator sump pump control panel with immediate oil separation capability.

The Model "MV-IS5" control panel provides reliable means of controlling one single phase or one three phase pump in elevator sump pits. The Stancor "MV-IS5" control panel is designed to automatically pump fluid out of an elevator pit by means of a float switch and the oil sensing probe mounted on the pump. The control panel is equipped with electronic technology to sense floating oil or emulsified oil and is capable of diverting the oil to a storage container for proper disposal.

#### **PANEL COMPONENTS :**

1. Enclosure Nema-4X with a gasketed screw down cover.  
The control panel is equipped with marked terminal strips for field wiring. (16"W x 16"H x 8" L)
2. The control panel is offered in 120, 208, 230 or 460 Volt single or three phase. \*Three phase and 460volt options require a larger panel enclosure.
3. The control panel is equipped with a field adjustable solid state oil Controller switch with variable sensitivity settings, for indicating oil present and having a setting range of 1-10. Controller is U.L. recognized.
4. The control panel is equipped with a separate over-current relay and field adjustable motor overload having a range of 5 to 15 amps. (Factory set at the listed amps of the pump.)
5. RP (Remediation Provision) that consists of a dead (spring return deadman) Oil ALARM by pass switch mounted on the side of the control panel, providing manual system testing & remediation pump out.
6. Float switch terminal block
7. Alarm and control circuit fuses
8. LED indicator lights for power on, oil detected and high water alarm.
9. Ground lugs
10. Circuit breakers
11. Individual dry contacts for remote monitoring of conditions of A, B, C, D & E.  
A: The presence of oil in the sump pit when the pump is signaled to run.  
B: High liquid level in the sump pit.  
C: High amps or a locked rotor motor condition, optional.  
D: Loss of electrical power to the panel, optional.  
E: Pump run activation, optional.
12. Alarm horn provides local audio warning of alarm condition
13. Exterior Alarm reset and silence switch.

All control panels are inspected and tested before leaving the Stancor factory.

All control panels are constructed and tested to be compliant with UL508 standards.

The Stancor system meets ASME A17.1 ELEVATOR CODES

The Stancor MV system meets The State Of Michigan MDLARA elevator requirements.



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