



HYDROMATIC®

ODS Series

Elevator Pump Control System

The PENTEK™ ODS Series Elevator Pump Control System is approved for oil/water detection in applications where oil and hydrocarbons are prohibited from being released into the environment. The system is designed to provide pumping, monitoring and alarm in garages, elevator sump pits, transformer vaults and substations. The elevator pump control activates the pump for removal of water from elevator pits in accordance with ASME17.1. The control will also shut down the pump before discharging harmful substances.

Features:

- **Control panel** – with separate pump and control circuits, NEMA 1 Enclosure; 8.75"H x 6.5"W x 5"D
- **Easy Installation** – Plug-in for quick and easy installation, one pre-set sensor, no field adjustment necessary
- **Remote Alarm**
- **Multiple Indicator Lights** – Power on, pump run, high water, and high oil indicators
- **Elevator Pump Control**
 - Complete packaged system
 - 1/2 HP, 115V sump/effluent pump
 - Remote alarm
 - Easy clamp-mount installation, with plug-in ready wiring
 - Compliant with ASME 17.1 and local building and safety codes



Pentair
Water™

ODS Series Elevator Pump Control System

Details

Specifications

SENSOR	
Housing	ABS
Probe	Stainless steel
Float	PVC
CONTROL PANEL	
Enclosure	Type 1
Power Cord	6', SJT, 120 VAC
Receptacle	6" SJT, 120 VAC, 15 Amp
ALARM PANEL	
Enclosure	Type 1
Power Cord	Plug-in transformer, 120 VAC
Backup Power	9 VDC battery backup
LED Alarm Indicators	
Audible Alarm	103 db buzzer, auto test/reset

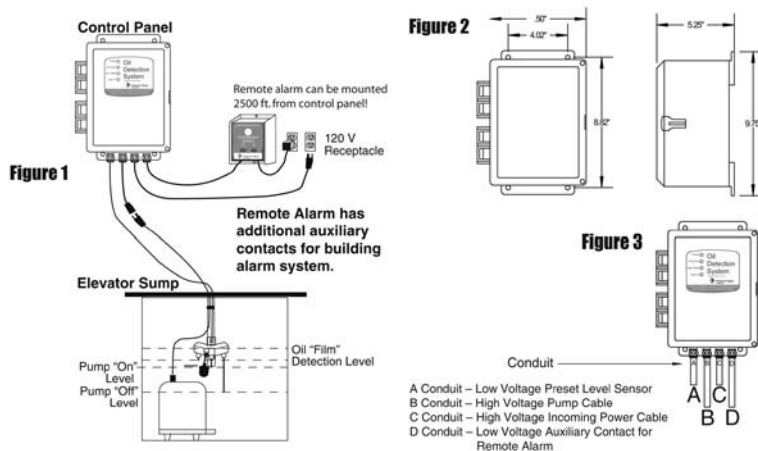
Ordering Information

Catalog Number	HP	Volts	Approx. Wt. Lbs.
Elevator Pump Control System			
ODS-OSP50M1	1/2	115	59
ODS-SHEF45M1	1/2	115	67
ODS-SHEF50M1	1/2	115	69
Elevator Pump Control and Alarm Only			
EPC-115	1 (Max.)	115	9

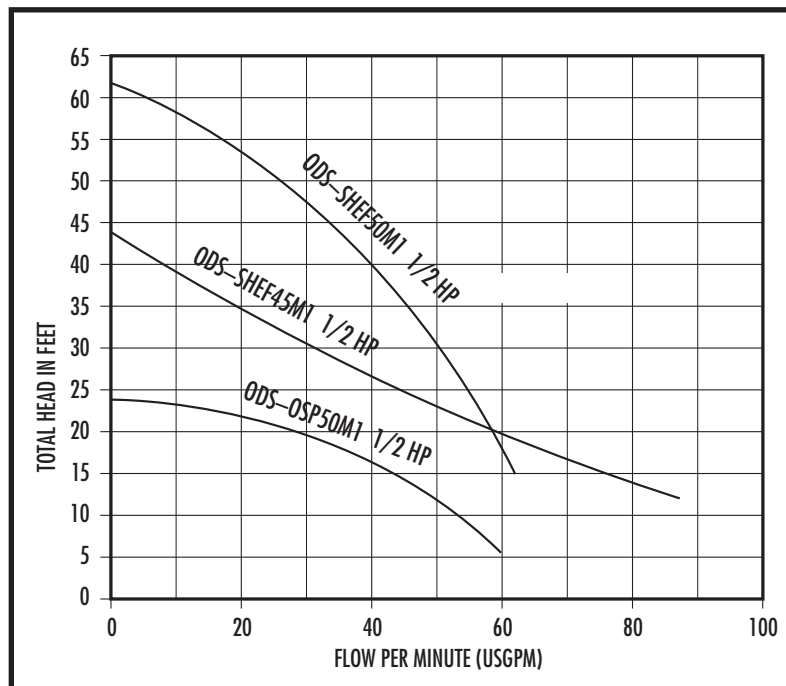
Typical Installation/Operation

CONTROL OPERATION

On water rise, fluid level reaches pump "start" probe to activate the pump. Pump remains on until fluid level is below the "off" probe. The "off" probe senses air or oil and turns the pump off so the oil layer (if present) will not be pumped out of the sump. If the liquid level reaches the "alarm" probe and mechanical float, the system will differentiate between water and oil and activate the remote alarm.



Performance Data



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CANADA

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