

SPECIAL PURPOSE PUMPS

EPP SERIES

The PENTEK™ EPP 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.

APPLICATIONS

Garages, elevator sump pits, transformer vaults and substations

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

In order to provide the best products possible, specifications are subject to change.

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FEATURES

Control Panel

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

UL and CSA Listed

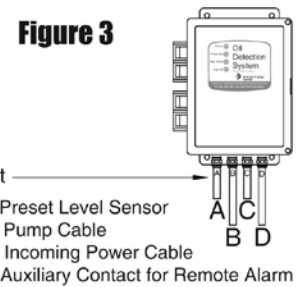
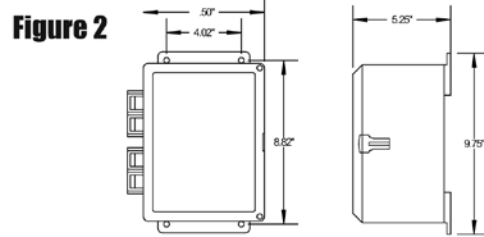
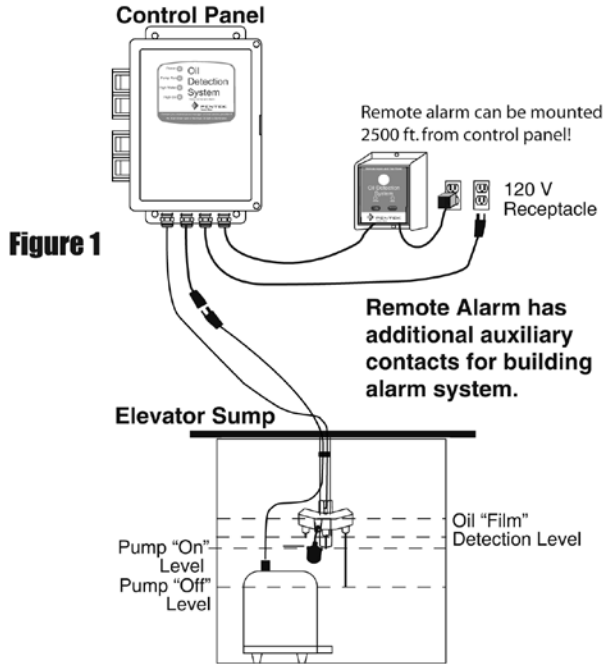
Elevator Pump Control

- Complete packaged system
- 1/3 or 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

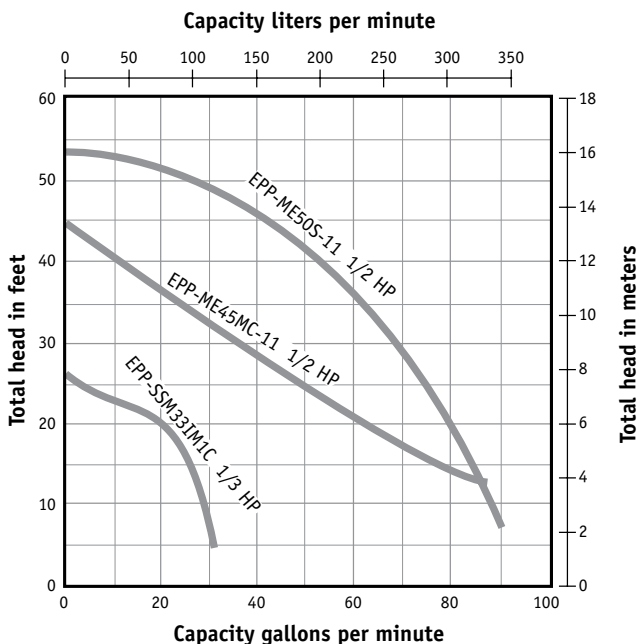
TYPICAL INSTALLATION / OPERATION

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.



PUMP PERFORMANCE



ORDERING INFORMATION

Catalog Number	HP	Volts	Approx. Wt. Lbs.
Elevator Pump Control System			
EPP-SSM33IM1C	1/3	115	37
EPP-ME45MC-11	1/2	115	67
EPP-ME50S-11	1/2	115	82
Elevator Pump Control and Alarm Only			
EPC-115	1 (Max.)	115	9