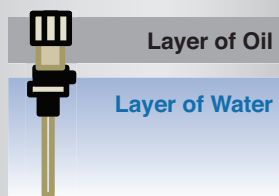


5 REASONS TO SPECIFY OIL MINDER

1 CONDUCTIVE SENSING



2 CUSTOMIZED SOLUTION



3 PLUG-AND-PLAY SYSTEM



4 PUSH-TO-TEST FEATURE

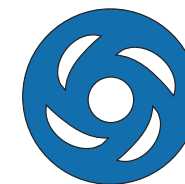


5 3RD-PARTY CERTIFICATION



INSTALLATION STEPS

- 1 Inspect sump to ensure it is clean of debris. Floor of sump should be a solid base.
- 2 Check for any loose probes or floats that may have occurred during shipment.
- 3 Verify that control panel is mounted in a properly approved location. All wiring should follow applicable code requirements.
- 4 Review the amount of cord on hand is correct to Control Panel location. Stancor can customize length if required.
- 5 Be sure the pump is correctly wired to Junction Box (if specified) and then to control panel. Confirm the landing location of all wires with the supplied wiring print.
- 6 If using conduit to route cords to the Control Panel, two-inch conduit is recommended to accommodate the 8-pin connector.
- 7 Certify the pump is properly located in sump pit to ensure the unimpeded operation of the attached float switches. Check floats' actuation won't be interrupted by sump walls and the installed sump pit cover allows for full height of the alarm float.
- 8 Confirm the pump is properly piped to a drain system per applicable code.
- 9 Make sure that any excess cords do not interfere with the float switch operation. Coil and zip-tie excess cable.
- 10 Perform System Start-Up per supplied instructions, and including push-to-test feature, to put system into operation.



STANCOR™

Pump & Control Solutions



OIL MINDER®
INSTALLATION GUIDE
SINGLE PHASE

SYSTEM COMPONENTS

CONTROL PANEL

NEMA 4X enclosure. Typically installed in janitor's closet or location that provides access to address alarming. LED indicators to provide status. Audible alarm when oil is detected.

8-PIN CONNECTOR

Mating twist connections from junction box to control panel. Saves labor and increases reliability by making installation easy. Qualifies as disconnect in some jurisdictions.

JUNCTION BOX

Located in the elevator shaft to minimize clutter by neatly housing cables from the pump...providing a single point of contact through the 8-pin connector to the Control Panel.

ELECTRIC SUBMERSIBLE PUMP

Placed in elevator sump pit. Specified to address ASME 17.1 code requirements of 50GPM given application head. Houses floats and sensor to detect the presence of liquid and determine whether it is water or oil.

Narrow float options are available for space-constrained applications.



INSTALLATION TIPS

PUSH-TO-TEST FEATURE

Holding down the Reset button for 3 seconds will trigger "pump run" and "oil alarm". This is a final check to ensure the system is configured properly.

POWER CABLE

Because Oil Minder is a system, there is only one power supply. This eliminates the need for power in the pit and is another time and convenience feature.

8-PIN CONNECTOR

Standard cable length is 25'. It can be extended to 250' in 25' increments. The UL cable fits in 1 1/2" conduit, but 2" conduit is recommended for easy fit with connections.

FLOAT/SENSOR CABLES

Standard cable length is 16'. Length can be altered as needed. Extra cord can be bundled so it doesn't exceed 6' and become a hazard in the hoistway.

TETHERED FLOATS

Two floats are provided to offer system redundancy. The lower float senses liquid. The upper float triggers the "High" alarm to indicate urgency.

PUMP

Sits on floor of elevator sump pit. Power flows from standard 115V outlet near Control Panel. Simplex systems up to 2HP (SV200) fit in 2' x 2' x 2' pit. Stancor provides recommendations for pit sizes upon requests and can configure the product to accommodate space constraints.

CONDUCTIVITY SENSOR

The conductive sensor is self cleaning. It is mounted at the factory to ease installation and maintain the industry's lowest liquid levels in elevator pits.