



Model OWS-ESS
(Steel)

EleVader®

Upgrade Your Elevator Pit Management with the EleVader®

Our Elevator Sump System continuously removes and pretreats elevator pit wastewater. It operates automatically, eliminating manual intervention and monitoring, while effectively removing hydraulic oil from wastewater before discharge.

The EleVader® System is an eco-friendly design that includes an automatic submersible pump, an oil-water separator with coalescing technology, an oil stop valve, and a control system that is compatible with the building automation system. The EleVader® System configuration varies depending on the number of elevator shafts and desired flow rates. Our units can be installed for freestanding, direct burial, indoor, or outdoor use.

Applications

Commercial and residential buildings • Healthcare facilities • Industrial facilities • Transportation hubs • Public spaces • Outdoor uses



Advantages

- Compatible with all popular elevator brands
- ASME A17.1 code compliant and Uniform Plumbing Code Listed (UPC)
- Continuous operation improves efficiency and cost-savings
- Automatic pump operations improve safety and reduce labor costs
- Integrated control system with high-level visual and audible alarm
- Control panel can integrate into building automation systems
- Designed for single or multiple elevator hoist configurations served by a single separator
- Oil-water separator with coalescing technology and oil stop valve available in freestanding or direct burial installation
- Made in the USA and meets the requirements of the Buy America Act



Model OWS-ECC
(Precast Concrete)



Model OWS-EEX
(Steel)



How It Works

The EleVader® Elevator Sump System provides a comprehensive solution for managing water in elevator pits. As water and oil accumulate in an elevator sump pit, a float sensor will activate the sump pump. The pump moves the oily water to the adjacent oil-water separator. The separator uses patented technology to remove oil from the waste stream and holds the oil until future removal. The pretreated oil-free wastewater drains into a floor drain that discharges into the sanitary sewer. A control panel continually monitors the sump pump activity and can toggle between manual or automatic pump operation. The fluid levels are monitored in the elevator pit and the separator.

Full product catalog available at request.parkusa.com



System Components

The EleVader® consists of two main parts: the sump pump, placed at the bottom of the elevator shaft, and the oil-water separator, which can be located freestanding near the elevator shaft, outdoors, or below grade.

- **Oil-Water Separator:** This unit removes oil and debris from the wastewater collected at the sump pump pit. The Separator features patented technology that uses a series of chambers and baffles to effectively eliminate oil from the waste stream. The removed oil and debris is stored in the unit for later disposal.
- **Sump Pit:** Where the water and oil collect at the bottom of the elevator shaft and is transferred to the Separator via the sump pump.
- **Float Sensor:** When the oily water reaches a certain level in the sump pit, the float sensor triggers the control panel to activate the sump pump.
- **Control Panel:** Continuously monitors fluid levels in the elevator pit and separator and features an audible and visual “high level” alarm. The panel can integrate into a building’s automation system via auxiliary contacts.
- **Floor Drain:** After treatment, the oil-free wastewater flows through a floor drain and connects to the sanitary sewer.