

Built on Tradition



Highland Tank®



Elevator Sump Pump Interceptor

HT-2555

Hydraulic oil in an elevator sump is a code violation and a danger for all personnel working on and around the elevator equipment. This condition also causes damage to the elevator equipment and is a potential contaminant if drained or pumped into the environment. Hydraulic oil will also penetrate concrete, seeping into the ground, requiring an environmental cleanup and removal of all contaminated soils.

Highland Tank Elevator Sump Pump Interceptors (ESP-INT) are designed to trap sediment and retain free floating oil and grease (petroleum hydrocarbons and other volatile liquids) in wastewater discharged from elevator pit sumps.

ESP-INTs prevent the discharge of sediment, oil, grease and other substances harmful or hazardous to the building's drainage system, the public sewer, sewage treatment plant or other treatment processes.

Elevator Sump Pump Interceptors are constructed of mild carbon steel and coated with heavy duty polyurethane for superior corrosion resistance. Stainless steel construction is also available. ESP-INTs are suitable for installation above or below grade, and are available in configurations to fit almost any requirement.

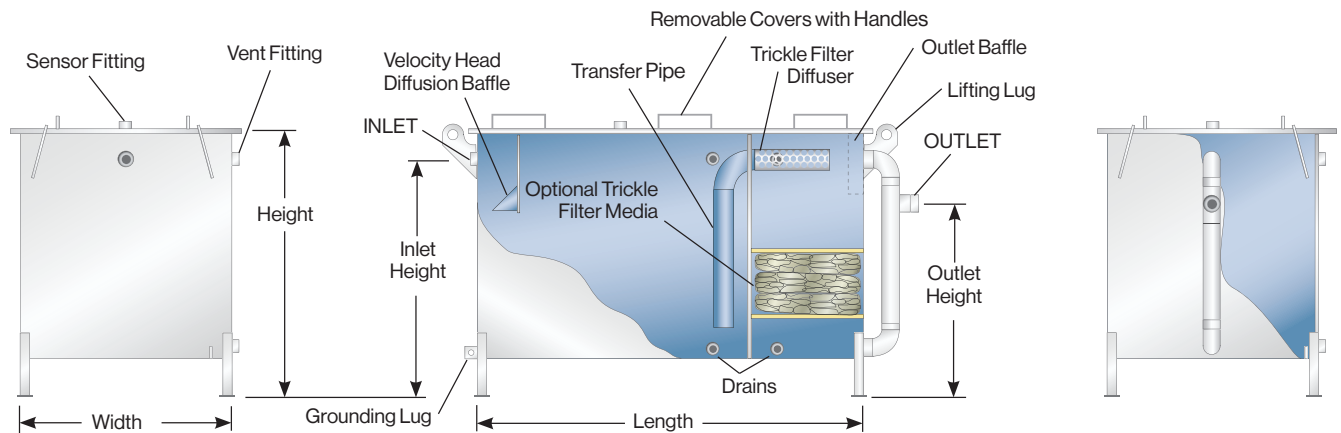
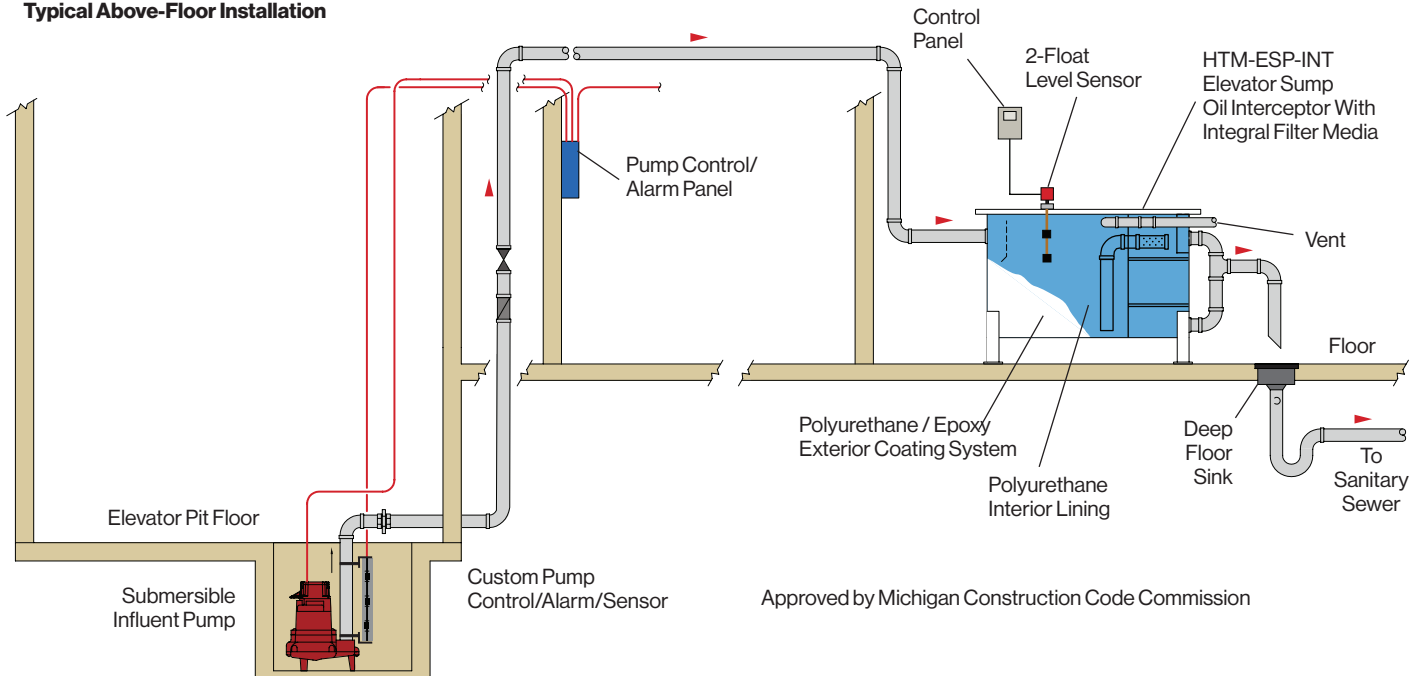
Our design goes beyond baffle and coalescer plate-style interceptor's performance rating for separation of free floating oils and gravity waste stream flow and addresses oils that become emulsified in a pumped waste stream flow.

Options

- Side oil storage compartment
- Sump pumps
- Control panels
- Interceptor controls
- Double-wall construction
- Leak detection systems
- Flush with floor design

Installation & Construction Details

Typical Above-Floor Installation



Aboveground model shown, flush-with-Floor models available. Contact Highland Tank.

| Model ESP INT | *Flow Rate Gal/Min | Total Volume | | Nominal Dimensions | | | Inlet/Outlet Diameter MPT | Centerline Inlet/Outlet Height | Oil Storage Capacity Gallons |
|------------------|-----------------------|--------------|-----------------|--------------------|-------|--------|------------------------------|--------------------------------------|------------------------------------|
| | | Gallons | Ft ³ | Length | Width | Height | | | |
| 50 | 50 | 30 | 741 | 62" | 34" | 48" | 2"/4" | 44"/34" | 45 |
| 100 | 100 | 572 | 76.5 | 82" | 42" | 48" | 3"/4" | 44"/34" | 53 |
| 150 | 150 | 897 | 120 | 94" | 48" | 54" | 3"/6" | 50"/37" | 60 |
| 200 | 200 | 1157 | 154.7 | 114" | 48" | 60" | 4"/6" | 55"/37" | 68 |

* Intermittent flow. Note: Vent Connections are 2" or 3" NPT on outlet end of MOI. Check and advise for local code requirements.



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