

oil/water separation

manual oil interceptors for elevator sumps

HT-2511

PRODUCT DETAILS

Manual Oil Interceptors (MOI) are designed to trap sediment and retain free floating oil and grease (petroleum hydrocarbons) from wastewater discharged from hydraulic elevator pit applications.

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

Operation

MOIs are installed between the elevator sump and the sanitary sewer, either aboveground or below ground. The operation of the MOI is simple. MOIs retain wastewater long enough to allow those contaminants with specific gravities different than water to separate out by gravity. Since oil is lighter than water, the oil floats and can be manually skimmed from the surface of the interceptor.

Conversely, solids settle to the bottom and accumulate at the sludge baffle. The accumulating waste oil and solids are periodically removed and properly disposed.

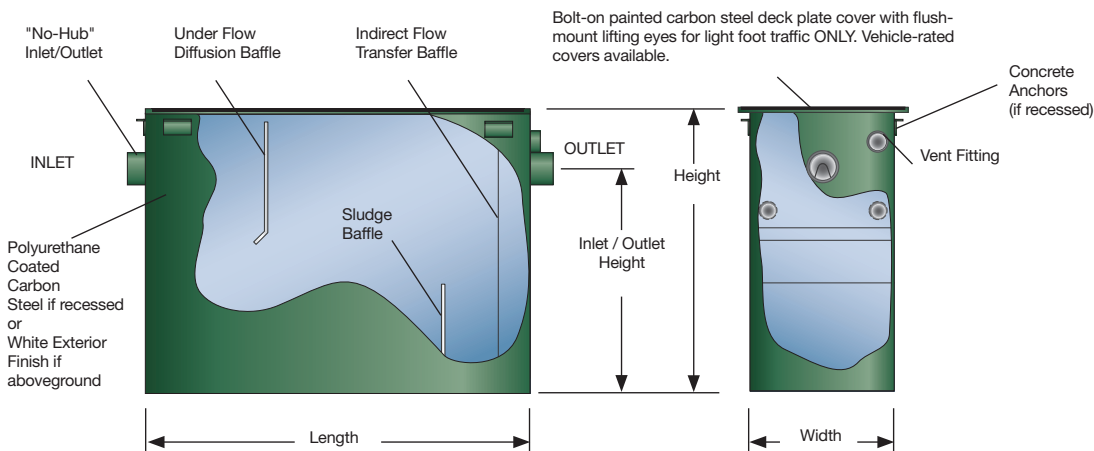
Optional Accessories

- Influent sump pumps
- Control panels with high oil alarms
- Effluent pumps within MOI clear well
- Double-wall with leak detection
- Optional elevated stand

**Elevator sump discharge
treatment in its simplest form.**

**State of Massachusetts
Plumbing Board
Approval # P3-0317-453.**

Standard MOI



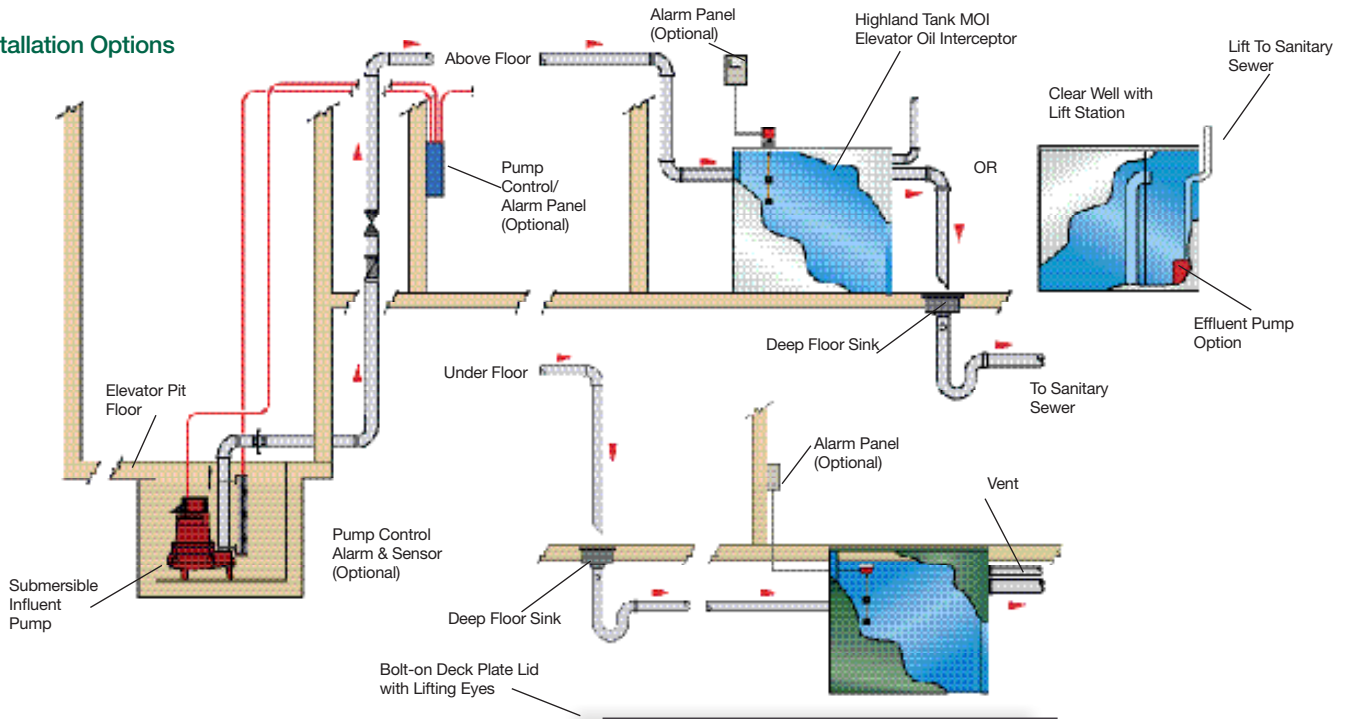
Construction

MOIs are constructed of mild carbon steel and internally lined with a two-part polyurethane system. Stainless steel construction is also available. MOIs are suitable for installation above or below grade and are available in configurations to fit almost any requirement.

Top deck plate covers allow for flush-with-floor installation for easy access for maintenance and cleaning. Optional vapor-tight quick-opening covers or hinged hatch doors are available. Optional vehicle-traffic-rated grade level covers are also available.

Model MOI	*Flow Rate Gal/Min	Total Volume Gallons	Volume Ft. ³	Dimension			** Inlet & Outlet NPT	CL Inlet & Outlet Height
				Length	Width	Height		
50	50	80.8	10.8	36"	22"	36"	3"	28"
100	100	187.5	25.1	53"	34"	36"	4"	28"
150	150	214.3	28.6	60"	34"	38"	4"	28"
200	200	291.4	39.0	70"	34"	42"	4"	32"

Installation Options



Stoystown, PA
 One Highland Road
 Stoystown, PA 15563-0338
 814.893.5701

Manheim, PA
 4535 Elizabethtown Road
 Manheim, PA 17545-9410
 717.664.0600

Watervliet, NY
 958 19th Street
 Watervliet, NY 12189-1752
 518.273.0801

Greensboro, NC
 2700 Patterson Street
 Greensboro, NC 27407-2317
 336.218.0801

Friedens, PA
 1510 Stoystown Road
 Friedens, PA 15541-7402
 814.443.6800

Clarkston, MI
 4701 White Lake Road
 Clarkston, MI 48346-2554
 248.625.8700

Mancelona, MI
 9517 Lake Street
 Mancelona, MI 49659-7968
 231.587.8412



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