

Hydrokleen Wastewater Filtration

HE/S1-H - Above Ground Oil Water Separator with Polishing Filtration

The HE/S1-H is designed for flow thru filtration rates up to 12 GPM and is an above ground oil water separator with a Hydrosorb Media filter. As oily water enters the HE/S1-H, it is slowed down, thus allowing the solids to fall to the bottom of the coalescing tank and the oil water separation to begin. Gravity causes the oily water to flow through 52,372 square inches of oil coalescing plates. These plates allow the oil to gather together into large droplets where they can float to the surface and are mechanically skimmed from the water. Free oil is reduced to less than 100 PPM. Virtually oil-free water then flows into a multi media-polishing loop, which reduces light and emulsified hydrocarbons to less than 10 PPM. This system polishes water at 50 GPM in a loop that assures multiple passes through the media which prepares the water for recycling or direct- to-sewer discharge. The oily-water holding tanks are designed for self-cleaning. Any solids that drop to the bottom of the tanks are easily purged. Contact a Hydro Engineering, Inc. project manager for complete system design and application assistance.

Standard Features

- Gravity Flow Through Design
- Self-cleaning Tanks
- Overflow Protection Device
- Primary Solids Incline Tank
- Oil Coalescing Plate
- Oil Belt Skimmer with Oil / Water Decanter
- Polishing Loop for Light and Emulsified Oils Removal
- Pressurized Effluent Discharge

Optional Features

- Fresh Water Makeup
- 5 Micron Discharge Filter
- Pressurized Outlet To Drain

Biological Odor Control and Hydrocarbon Elimination

- Ozone Bacteria Control
- De-foam Control



Specifications

Flow Rate - GPM (LPM)	50 (189.3)
Dimensions, Inches (cm)	108.5" (275.6) L X 34" (86.4) W X 66.625" (169.2) H
Weight, Lbs (kg)	910 (412.8)

Pricing

For complete pricing details, Submit a quote online below.

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	Standard
Volts (60Hz)	120V-1P
Amps (60Hz)	10