

Hydrokleen Wastewater Filtration

HE/S1 - 3 Compartment Above Ground Oil Water Separator

The HE/S1 is designed for flow through filtration rates up to 12 GPM and is an above ground oil water separator. As oily water enters the HE/S1 it is slowed down to allow for solids to fall to the bottom of the coalescing tank and oil water separation to begin. By gravity the oily water flows through 52,372 square inches of oil coalescing plates. These plates allow for the oil to gather together into large droplets where they can float to the surface and be mechanically skimmed with a belt skimmer from the water. At this stage free oil is reduced to less than 100 parts per million in droplets of 20 microns or larger in size. Water then flows to the final stage where it can be directed for reuse or sewer discharge. The oily water holding tanks are designed for selfcleaning. Any solids that drop to the bottom of the tanks are purged to a clean out station. 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
- Pressurized Effluent Discharge

Optional Features

- Pressurized Outlet To Drain
- Biological Odor Control and Hydrocarbon Elimination
- Ozone Bacteria Control
- De-foam Control



Specifications

Dimensions, Inches (cm) 108.5" (275.6) L X 34" (86.4) W X 63.625" (161.6) H
Weight, Lbs (kg) 910 (412.8)

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

Pricing

For complete pricing details,
Submit a quote online below.

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