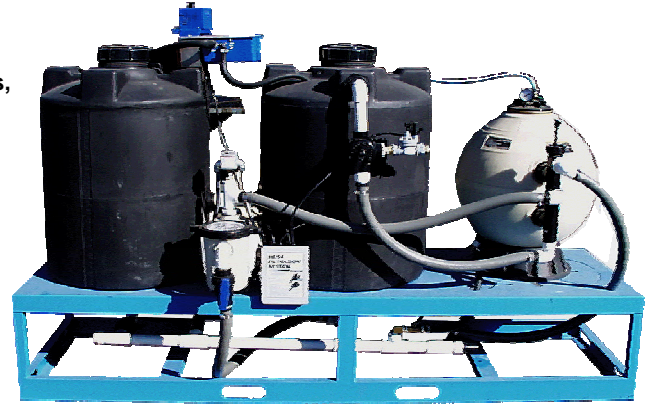


# Hydrokleen™ HE/S1-H

The Hydrokleen HE/S1-H is an above ground Oil/Water Separator. The addition of MEDIA POLISHING further removes emulsified oils to <10 PPM. Self cleaning tanks, active oil skimmer and polishing filtration to remove floating and emulsified oils and over 76,000 square inches of oil coalescing plates make the Hydrokleen HE/S1-H the answer for discharge compliance!



## Standard Features:

- Overflow protection
- Self-cleaning tanks
- Gravity flow through design
- Primary solids incline tank
- 76,896 sq. in. of oil coalescing plates
- Oil belt skimmer with oil/water decanter
- Polishing loop for light and emulsified oils removal
- Factory assembled and tested

	Options and Accessories
	<b>Tank &amp; Frame Options</b>
2JV070	Seismic Tank Bands, 2 Each
	<b>Electrical: Power &amp; Controls</b>
*1WK587	120 Volt, 1 Phase 60 Hz
	<b>Inlet Control Options, Hydrokleen</b>
*2KU328	Inlet Pump Power Supply, Max ½ HP, 115 Volt, 60 Hz
1ZW483	Fresh Water Make-Up Solenoid/Float Switch
	<b>Inlet Fittings/Plumbing Connections</b>
*2KF170	Single Inlet Feed, 3/4" FPT
2KE168	Single Inlet Feed, 1.5" FPT
	<b>Discharge To Process</b>
*2KI200	No Discharge To Process
1VM343	Discharge To Process, 12 GPM @ 20 PSI, 1.5"
1WK588	Discharge Filter, 5 Micron Bag
	<b>Discharge To Drain Options</b>
*2KU329	No Auto Discharge To Drain
1ZW482	Discharge To Drain, Motorized Ball Valve
	<b>Oil Skimming And Handling Options</b>
*1WH555	Hydrokleen Active Belt Oil Skimmer
	<b>Automatic De-Foam System</b>
1YF055	De-Foam Dispenser, W/Sensor & AC Adapter
	<b>Biological Odor Control</b>
2FN955	Automatic Dosing System, Battery Operated
2FN956	Adapter, AC, For HBD-A Doser
	<b>pH Controls</b>
*1VM348	No pH Monitor
1VM345	pH Monitor, W/Dosing Pump
1VM346	pH Monitor, W/2 Dosing Pumps

NOTE: \* reflects the standard

## Specifications

Dimension: 120L x 51W x 77H  
Weight: 924 lbs.

## How the Hydrokleen™ HE/S1-H Above Ground Oil/Water Separator Works:

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 76,896 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 prepare 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.

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12/7/2006 This specification is subject to change without notice.