

# Oil Water Separation Systems

## For Use in all Carwashes



### **HE/S1 Specifications:**

- Dimension: 108 x 34 x 66"
- Electrical: 115 Volt 15 A
- Flow rate: 10 GPM
- 72,022 sq. in. coalescing



### **HE/S1-H Specifications:**

- Dimension: 108 x 34 x 66"
- Electrical: 115 Volt 15 A
- Flow rate: 10 GPM
- 72,022 sq. in. coalescing



### **HE/S1-500 Specifications:**

- Dimension: 160 x 34 x 84"
- Electrical: 115 Volt 20 A
- Flow rate: 50 GPM
- 225,043 sq. in. coalescing



### **HE/S1-500-H Specifications:**

- Dimension: 160 x 34 x 84"
- Electrical: 115 Volt 20 A
- Flow rate: 50-70 GPM
- 225,043 sq. in. coalescing

### **Standard Features:**

- Removes oils and grease from engine cleaning and unauthorized dumping
- Gravity flow through design
- Self-cleaning tank makes sludge removal easy
- Automatic belt skimmer
- Overflow protection device
- Factory assembled and tested
- Hundreds are in successful daily use

### **How it Works:**

Our state of the art oil coalescing and skimming systems can be fed by pump or gravity. Emulsified oil and grease are directed through the coalescing media where they accumulate on the surface of the oil attractant material of the plates. Once large enough to float free to the surface the oils are permanently removed from the system by an electric belt skimmer. The automatic skimmer deposits the oils into a decanter where trace amounts of water are directed back into the coalescing tank and oils are dispensed into an oil drum or bucket supplied by the customer.

For those models with Hydrosorb "H": additional filtration through an oil adsorbing media is performed. Water is transferred through the media filter at up to 130 GPM continuously (Polishing Loop) polishing out contaminants. Emulsified hydrocarbons, solvents and light fuels are removed down to <10 PPM. In most car washing applications media changes are only required on a yearly basis.

1. Specifications are effective April, 2003

2. Specifications are subject to change without notice.



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