



MODEL  
OWS 10

## ENVIRONMENTAL GROUP

RGF's Advanced Compact Oil Water Separation System



RGF's OWS-10 System of pre-treatment technology is designed to avoid pollution problems by avoiding contaminated water discharge. It is a compact system designed to remove free oils from water prior to discharge for sanitary sewer or other treatment.

### Applications

- Machining Companies
- Gas Stations
- Marine Yards
- City / County Transportation
- Municipal and State Garages
- Rental Car Companies
- Auto Repair Shops
- Military Bases

### Features

By using coalescing vertical plates, the rise of an oil droplet can be reduced to 1/4" until it hits the upper surface of the plates and glides up as it coalesces with other particles. Also, solids or dirt will settle and glide downward on the plate surface. As it attaches to other dirt particles, the coalesced oil particles will gain buoyancy and rise rate, and the dirt particles will gain speed as they grow heavy and settle at a faster rate. In addition to vertical plate coalescing separation, RGF utilizes a Micro-Matrix Coalescor system of finely spaced poly mesh with an incline grid matrix. For final polishing, an optional HCA-3 absorbent filter is recommended. This filter consists of millions of very fine polypropylene hair-like fibers that criss-cross into the water stream to attract and hold oil droplets less than 9 microns in size.

### SPECIFICATIONS

<b>FLOW RATE</b>	10 GPM
<b>DIMENSIONS:</b>	35"W X 36"H X 35"L
<b>SYSTEM CAPACITY:</b>	120 GALLONS
<b>FREE OIL CAPACITY:</b>	10 GALLONS
<b>SEPARATION TYPE:</b>	1/4" VERTICAL PLATE COALESCOR, GRAVITY SEPARATION, MICRO-MATRIX COALESCOR
<b>MATERIALS:</b>	POLYETHYLENE / POLYPROPYLENE / PVC
<b>OPTIONS:</b>	RGF OWS BIO-DISKS FOR OIL REDUCTION
<b>INLET / OUTLET</b>	1-1/2" PVC SCH. 40
<b>DRY WEIGHT</b>	268 LBS.

### RGF Environmental Group, Inc.

1101 West 13th Street (Port of Palm Beach Enterprise Zone) Riviera Beach, Florida 33404  
800 842-7771 561 848-1826 Fax 561 848-9454 www.rgf.com