

PRM Oil Water Separators are designed to separate free and dispersed oils from wastewater or process streams, providing high efficiency fluid separation with low maintenance that can operate as a stand alone unit or used with integrated systems.

PRM industrial-duty OWS units are designed for flow rates from 1 to 100 GPM. PRM separators are manufactured using heavy gauge 304 stainless steel and can be supplied with internal sumps. Field adjustable skimmers provide efficient separation for varying site conditions.

For applications with heavy solids loading, units can be incorporated with slant rib clarification plates for precipitating solids into an integrated collection tank.

### Flows up to 100 GPM

#### Typical Features Include:

- Table-Mounted, Painted Steel Welded Frame
- Stainless Steel Welded Construction
- PVC Coalescing Media Pack
- Stainless Steel Media Anchor Hardware
- Adjustable PVC Oil Skimmer with Viton O-Rings
- Removable Lid with SS Tee Bolts
- Vent Port, Sump Drain, Cleanout Port, and Oil Outlet Port
- Sludge and Grit Chamber with Manual Drain



All PRM oil water separators are fabricated from Stainless Steel for superior corrosion resistance and structural stability.

Internals include a standard PVC "wavy plate" coalescer, PVC oil skimmer with viton O-rings and polypropylene clarifier plates.

*Please talk to a PRM representative to ensure that the oil water separator is properly sized and specific for your application.*

#### \*\* Options and Services \*\*

- Optional Aluminum Construction
- Equalization Tanks for Increased Retention Times
- Reverse Configurations for DNAPL Separation
- UL 508A and 698A Control Panels for Pump Up , Pump Down, and High Level Alarm
- Custom Integration Into New or Existing Systems
- Field Installation, Startup and Operations Services

## Standard OWS Packages

### OWS-10: 1-10 Gallons Per Minute

- 12"W x 60"L x 24"H x 14 gauge SS
- 2" inlet/outlet
- 2" adjustable oil skimmer, outlet on both sides
- Two 1" air vents
- 2" wide gasketed lid with easy turn retainers

### OWS-20: 5-20 Gallons Per Minute

- 24"W x 60"L x 24"H x 14 gauge SS
- 2" inlet/outlet
- 2" adjustable oil skimmer, outlet on both sides
- Two 1" air vents
- 2" wide gasketed lid with easy turn retainers

### OWS-30: 5-30 Gallons Per Minute

- 36"W x 60"L x 24"H x 12 gauge SS
- 2" inlet/outlet
- 2" adjustable oil skimmer, outlet on both sides
- Two 1" air vents
- 2" wide gasketed lid with easy turn retainers

### OWS-40: 5-40 Gallons Per Minute

- 12"W x 84"L x 36"H x 12 gauge SS
- 2" inlet, 3" outlet
- 2" adjustable oil skimmer, outlet on both sides
- Two 1" air vents
- 2" wide gasketed lid with easy turn retainers



### OWS-60: 5-60 Gallons Per Minute

- 18"W x 84"L x 36"H x 12 gauge SS
- 2" inlet, 4" outlet
- 2" adjustable oil skimmer, outlet on both sides
- Two 1" air vents
- 2" wide gasketed lid with easy turn retainers

### OWS-100: 5-100 Gallons Per Minute

- 48"W x 88"L x 36"H x 12 gauge SS
- 2" inlet, 4" outlet
- 2" adjustable oil skimmer, outlet on both sides
- Two 1" air vents
- 2" wide gasketed lid with easy turn retainers

