

OSF: High Performance Industrial Oil Water Separators

The OSF series above ground oil water separators are a high performance compact, corrosion resistant design that can be used as a stand-alone separation device where your application requires simple treatment for oil, fuels, BTEX products and solids removal.

The OSF design can remove many oil types and a very wide range of petroleum distillates. The design can be mounted to a trailer for mobile applications, many options are offered to customize to your project. 5 sizes are offered for 5-50 GPM.

Discharge Performance: 10 mg/L or less, 30-micron, non-emulsified, free & dispersed oil droplets.

Coalescing Media Design: Using the Flopak separation media allows the OSFs to provide a high performance design in an inexpensive, light weight, compact concept. The Flopak media is easily removed, cleaned and replaced.

Cover & Tank: The tank, cover and fittings are all constructed of fiberglass for long life, light weight and low corrosion susceptibility. The cover includes quick remove T handle fasteners and a cover vapor gasket.

Hopper Bottom: The Tank design includes a V-hopper bottom for solids containment with sludge outlets on both sides of the tank.

Oil Reservoir/Effluent Chamber: The OSF design provides an on board oil reservoir and an expandable effluent chamber for pumping treated water directly from the tank.

Oil Skimmer: An adjustable slotted, rotary pipe oil skimmer is provided to skim floating oils and remove them from the tank.

Inlet Diffuser: An inlet diffuser is provided to diffuse incoming water velocity, energy and spread the flow across the tank width and depth.



Oil Water Separator Detail					
Model	Flow GPM	Dimensions L X W X H	Volume Gal.	Sludge Gal.	Wt Lbs
OS-2-F	5	62" X 18" X 31"	25	7	90
OS-4-F	10	62" X 29" X 31"	50	13	120
OS-8-F	25	72" X 29" X 42"	125	13	180
OS-12-F	35	72" X 40" X 42"	180	25	350
OS-16-F	50	72" X 52" X 42"	240	37	425

Options List

- Anchor hold down brackets
- Oil sight glass
- Expanded effluent chamber
- Influent feed pump
- Effluent pumpout
- Oil pumpout
- Sludge pumpout
- High oil/water level alarms
- Level switches installed
- Elevation stand
- Oil transfer piping
- GAC effluent filter
- Vent vapor scrubber
- High temperature designs
- Trailer mounted system
- Skid mounted system
- Container mounted system
- Custom systems

