



ROSF Series Fiberglass Oil Water Separators

The ROSF Series Fiberglass Oil Water Separators are a gravity/coalescing design for removal of free and finely dispersed oil droplets from various waste streams.

Full, turnkey stationary or mobile systems can be provided with many options and custom configuration can be provided tailored to the particular project requirements or wastestream needs.

PERFORMANCE: 10 mg/L 30-micron free, dispersed and non-emulsified oil droplets.

Products removed: motor oils, fuels (vehicle/jet), fuel oils, hydraulic fluids, immiscible machining oils, lube oil, transmission fluid, bunker c, DNAPL, LNAPL, vegetable based oils, crude, air compressor lube & other petroleum based derivatives (BTEX etc.). Model sizing is based on the oil/fuel specific gravity, droplet size removal desired and other parameters of the waste stream.

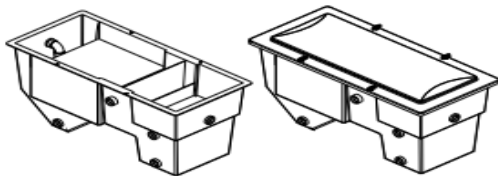


FEATURES:

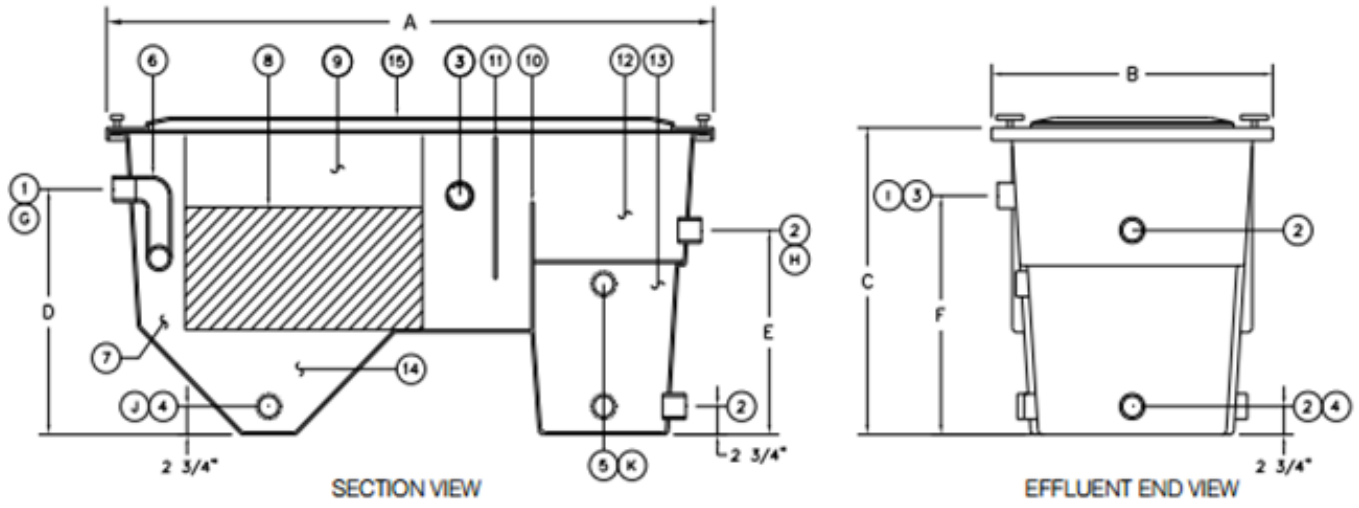
- Fiberglass Construction
- Flopak Coalescing Media
- Adjustable Oil Skimmer
- Solids V-Hopper
- Influent Diffuser
- Sealed/gasketed cover
- Quick remove cover hardware
- Oil reservoir
- Water weir
- High performance
- Compact, simple design

TYPICAL APPLICATIONS:

- Groundwater remediation
- Mobile Separation System
- DAF/Clarifier pretreatment
- Power plant water treatment
- Refinery process water
- Aircraft wash racks
- Retrofit existing systems
- Tank farm leakage treatment
- Vehicle washwater treatment
- R.O. Filter pre-treatment
- Oil Spill recovery
- Trench water treatment
- Bilge water treatment
- Hydraulic fluid tank de-watering



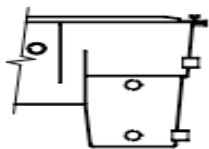
SkimOIL, Inc | 103 W. Weaver Street #10 | Carrboro, NC 27510 | USA
 (P) 314.579.9755 (F) 314.558.9253
www.skimoil.com | sales@skimoil.com



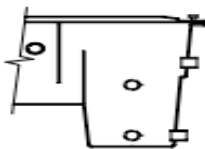
Model	Dimensions			Elevations			Fitting Sizes					Weight (Lbs)		Media Ft ²	Tank Vol. Gal.	Effluent Vol. Gal.	Oil Vol. Gal.	Sludge Gal.	GPM
	A	B	C	D	E	F	G	H	I	J	K	Dry	Full						
ROSF2	5'-2"	1'-5"	2'-7"	2'-0"	1'-8"	1'-11"	2"	2"	2"	2"	2"	120	483	136	25	4	8	7	5
ROSF4	5'-2"	2'-5"	2'-7"	2'-0"	1'-8"	1'-11"	2"	2"	2"	2"	2"	145	980	272	51	10	25	13	10
ROSF8	6'-0"	2'-5"	3'-7"	3'-0"	2'-4"	3'-0"	2"	2"	2"	2"	2"	190	1810	544	125	15	40	13	25
ROSF12	6'-0"	3'-4"	3'-7"	3'-0"	2'-4"	3'-0"	3"	3"	3"	2"	2"	375	2795	816	180	25	60	25	35
ROSF16	6'-0"	4'-4"	3'-7"	3'-0"	2'-4"	3'-0"	3"	3"	3"	2"	2"	460	3730	1088	240	35	80	37	50

Item	QTY	Description	Item	QTY	Description	Item	QTY	Description	Item	QTY	Description	Item	QTY	Description
1	1	Inlet	4	2	Sludge Out	7	1	Inlet Chamber	10	1	Water Weir	13	1	Oil Storage
2	2	Outlet	5	2	Oil Outlet	8	1	Flopak Media	11	1	Oil Baffle	14	1	Sludge Hopper
3	1	Oil Outlet	6	1	Inlet Diffuser	9	1	Sep. Chamber	12	1	Outlet Chamber	15	1	Cover

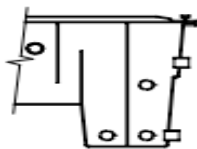
Available Tank Configurations



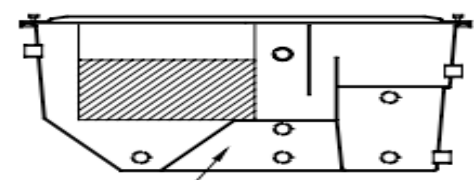
Oil reservoir is a standard design feature



Effluent chamber is combined with oil reservoir for direct effluent pumpout



Effluent & oil chambers are vertically split.



Secondary oil / water reservoir



SPECIFICATIONS:

Specification Summary: ROSF Oil Water Separator
System model: Coalescing Separator
Number of model sizes: 5
Process types: Oil Separation, TSS Settling
Volume range offered: 5-50 GPM

MATERIALS OF CONSTRUCTION:

Tanks: FRP
Piping: PVC
Testing: Hydrostatic Testing
Surface Preparation: Interior surfaces prepared prior to molding
Coatings: Exterior coating shall be white gel coat, 25 mil DFT.
Interior coating shall be coated with a clear veil.
Standards Used: Elements of AWS D1.1/1.1M, API, API-650, API-421, ANSI, IEC, AWS D1.6, UL, UL-508, UL-845, SSPC, ASME, CSA, NEMA, NFPA79, NEC



MODELS:

ROSF2: 5 GPM
ROSF4: 10 GPM
ROSF8: 25 GPM
ROSF12: 36 GPM
ROSF16: 50 GPM

***Flow rates are based on gravity flow

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