

## **SS-MEGA-OWS: Lightweight Stainless Steel Oil/Water Separators**

Introducing the next generation of Megator Oil/Water Separators. Lightweight, durable stainless steel construction make the SS-MEGA-OWS extremely portable. This coalescing oily water separator is the perfect extension of Megator's Oil Recovery Systems that have for years proven their value to our customers. The SS-MEGA-OWS Oil/Water Separator is expertly designed and can handle a wide variety of temperatures, chemicals, viscosities and solids loading rates.



### **Applications include:**

- ➔ Industrial Wastewater Treatment
- ➔ Chemical Processing Industries
- ➔ Petroleum Refinery
- ➔ Light & Heavy Manufacturing
- ➔ Groundwater Remediation
- ➔ Metal Finishing Industries
- ➔ Food Processing and Rendering
- ➔ Equipment Wash Recycling

## GENERAL SPECIFICATIONS:

Designed to be used in conjunction with Megator Oil Recovery Systems. The SS-MEGA-OWS Oil/Water Separator is sized according to the American Petroleum Institutes Publication No. 421 formula for oil/water Separator sizing. This separator will remove virtually all free and dispersed oil particles of 20 microns and larger from the wastewater.

### The Standard Separator Includes:

- Removable PVC coalescing media with spacing options for low, medium or high viscosity and solids loading applications
- Adjustable effluent weirs for proper flow and laminar distribution conditions
- Integral oil reservoirs
- Integral effluent chambers
- 304 stainless steel lid assemblies with lifting handles

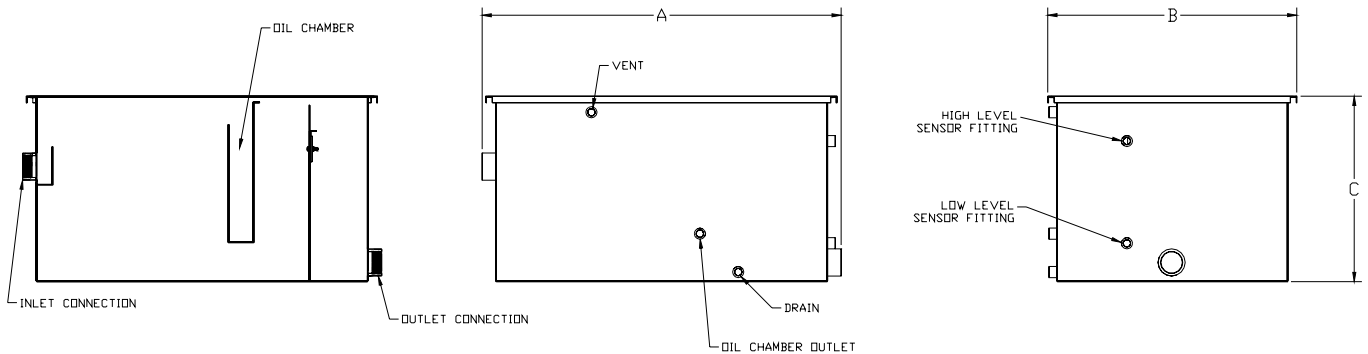
### Materials Of Construction:

- The tank shell, baffles, fittings and lids are fabricated of 304 stainless steel
- The media pack is fabricated of oil attracting (oleophilic) cross corrugated coalescing media PVC material

### Options Includes:

- Integral pump rails and skids, freeze protection, level sensors, pump packages and extra fittings
- 316 stainless steel construction
- Polypropylene and 304 or 316 stainless steel media packs for chemical resistance and temperatures
- Polishing filter cartridges offer an efficient *polishing* step for superior removal of oil contamination including emulsified oil

## GENERAL DIMENSIONS:



Model	Length (A)	Width (B)	Height (C)	Empty Weight lbs	Full Weight lbs	Effluent Capacity US gal	Oil Capacity US gal	Separation Capacity US gal	Total Capacity US gal	Inlet Connection	Outlet Connection	Typical Flowrate gpm
M-02	3' - 7 <sup>3</sup> / <sub>8</sub> "	2' - 3"	1' - 5"	200	600	9	4	23	48	2"	2"	2 - 5
M-04	4' - 7 <sup>3</sup> / <sub>8</sub> "	2' - 3"	1' - 5"	235	670	9	4	39	64	2"	2"	4 - 10
M-08	4' - 7 <sup>3</sup> / <sub>8</sub> "	2' - 3"	2' - 5"	310	1380	20	7	76	128	2"	2"	8 - 20
M-12	4' - 8 <sup>1</sup> / <sub>4</sub> "	3' - 3"	2' - 5"	410	2010	31	11	115	192	3"	3"	15 - 30
M-16	4' - 8 <sup>1</sup> / <sub>4</sub> "	4' - 3"	2' - 5"	505	2630	41	15	153	255	3"	3"	25 - 40
M-24	5' - 8 <sup>1</sup> / <sub>4</sub> "	4' - 3"	2' - 5"	570	3215	41	15	214	317	3"	3"	35 - 75
M-36	5' - 8 <sup>1</sup> / <sub>4</sub> "	4' - 3"	3' - 5"	680	4645	63	20	319	475	3"	3"	60 - 125



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