

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 oil water separator is the perfect extension of Megator's 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

Oil Water Separator

GENERAL SPECIFICATIONS

- 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 from the waste water. The treated water shall contain less than 10 mg/1of oil droplets greater than 20 microns with a specific gravity of 0.89 or less.

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 correct flow and laminar distribution conditions
- Integral oil reservoirs
- Integral effluent chambers
- 304 stainless steel lid assemblies with lifting handles

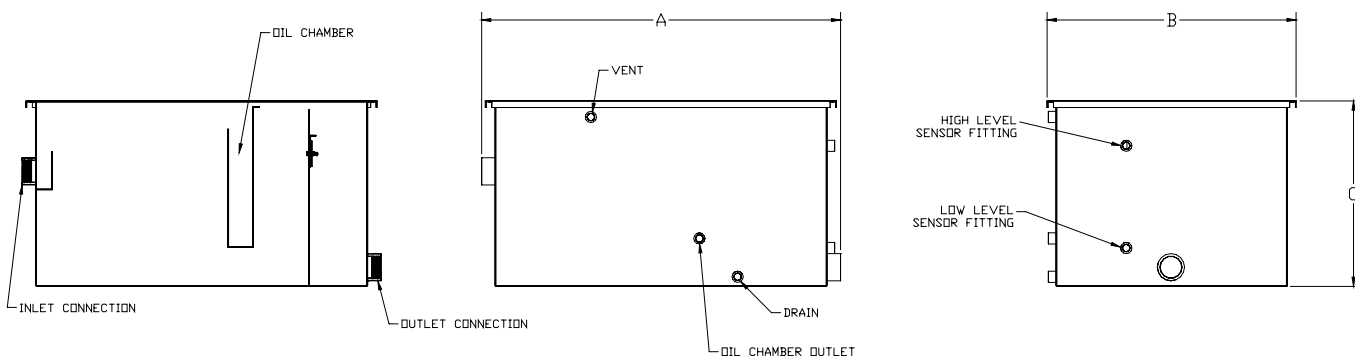
Materials Of Construction

- 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.
- Polypropylene, 304 or 316 stainless steel media packs for chemical and temperature resistance.
- Polishing filter cartridges offer an efficient *polishing* step for superior removal of oil contamination including emulsified oil.

General Dimensions



Model	Length (A) mm	Width (B) mm	Height (C) mm	Empty Weight kg	Full Weight kg	Effluent Capacity litres	Oil Capacity litres	Separation Capacity litres	Total Capacity litres	Inlet Connection mm	Outlet Connection mm	Typical Flowrate lt/min
M-02	1100	686	432	91	273	41	18	104	216	50	50	7 - 19
M-04	1406	686	432	107	305	41	18	175	288	50	50	15 - 38
M-08	1406	686	737	141	627	90	32	342	576	50	50	30 - 76
M-12	1430	990	737	186	914	139	50	518	864	75	75	57 - 113
M-16	1430	1295	737	230	1196	185	68	688	1148	75	75	95 - 150
M-24	1735	1295	737	259	1461	185	68	963	1427	75	75	132 - 284
M-36	1735	1295	1042	309	2111	284	90	1435	2138	75	75	227 - 473



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