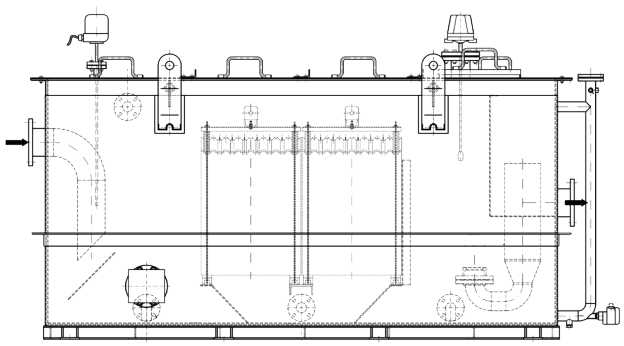
MAS Series
Oil-Water Separator

MAS Series vaults provide robust, dependable oily water treatment across a wide range of applications.



STANDARD FEATURES

- Feature MPak® coalescing plates for high-efficiency oil-water separation
- Robust construction for both above and below ground installations
- Advanced monitoring and alarm capabilities available for regulatory compliance and peace of mind
- Customizable to meet unique site and process requirements
- EN-858-1 Certified

OPTIONAL FEATURES

- Adjustable Oil Skimmers
- Oil Level Monitoring
- Performance Monitoring
- Oil Storage Tank and Control System
- Safety Closure Device on Outlet
- Inlet Heating
- Control Panel
- Single- or Double-walled with Leak Detection
- Integral Sludge Trap

Specifications	
Performance	< 5 ppm oil in effluent
Primary Target Pollutant	Fuels and Oils
Secondary Target Pollutant	Suspended Solids
Design Flow Rates	Up to 540 m^3/h Up to 250 gpm
Tank Inlet Feed Methods	Gravity-fed or Pump-fed
Materials of Construction	Epoxy Coated Carbon Steel or Concrete
Inlet Connection	ANSI 150# RF
Outlet Connection	ANSI 150# RF
Vent/Overflow Connection	2" ANSI 150# RF
Oil Skimmer Outlet Connections (2) (Optional)	2" ANSI 150# RF
Drain Outlet Connections (Min. of 3)	2" ANSI 150# RF
Inlet Heater Connection (Optional)	5" ANSI 150# RF
Level Transmitter (Optional)	3" ANSI 150# RF
Temperature Switch (Optional)	3" ANSI 150# RF
Oil PPM Probe Connection (Optional)	2" ANSI 150# RF
Leak Sensor Connection (Optional)	¾" B.S.P.

MPAK® CLEANING WAND

MPak® plates are designed for low-maintenance operation. The MPak® Cleaning Wand makes routine cleaning simple and fast, allowing you to remove accumulated solids directly in place without system disassembly. This efficient cleaning process ensures peak performance with minimal downtime.

Standard Design Parameters				
Effluent PPM		5	10[1]	15[2]
Flow Rate	**gpm**	50	65	60
	m^3/h	12	15	14
Influent PPM		200	100	200
Minimum Oil Droplet Size Fully Removed (µm)		60	60	48
Mean Oil Droplet Size		130	130	130
Specific Gravity of Oil		0.88	0.88	0.85
Temperature of Operation	**°F**	50	50	60
	°C	10	10	15
Oil Droplet Rise Rate		0.035	0.035	0.033
Oil Droplet Distribution		Log-Normal with Standard Deviation of 2.0		

1. Design Specifications per the Washington State Department of Ecology Requirements
2. Design Specifications per the California Control Board Requirements

Model #	Flow Rate		Approx. Dimensions (in)			Approx. Dimensions (mm)			Inlet/Outlet Connetions	
	NS	gpm	A	B	C	A	B	C	DN	NPS
MAS 11.1	1	15	800	1000	1000	31	39	39	100	4
MAS 12.1	3	50	800	1000	1000	31	39	39	100	4
MAS 22.2	6	95	2600	620	1563	102	24	62	150	6
MAS 32.3	10	180	4100	930	1563	161	37	62	150	6
MAS 42.3	15	240	4120	1244	1563	162	49	62	200	8
MAS 52.2	20	300	3220	1550	1838	127	61	72	200	8
MAS 35.1	30	475	2710	930	2800	107	37	110	250	10
MAS 45.1	40	600	2835	1240	2800	112	49	110	300	12
MAS 55.1	50	800	2835	1550	2800	112	61	110	300	12
MAS 75.1	65	1000	3730	2160	2800	147	85	110	300	12
MAS 76.1	80	1200	2835	2160	3100	112	85	122	300	12
MAS 75.2	100	1585	4420	2160	2850	174	85	112	300	12
MAS 76.3	125	1980	5100	2160	3050	201	85	120	400	16
MAS 96.2	150	2300	4420	2770	3050	174	109	120	400	16

Flow rates and sizing may vary depending upon customer design parameters. Contact us for a custom quote.

Facet Filtration Group®

Scan the QR Code to learn more about MAS Oil-Water Separators

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