

Facet Model MAS Oil Water Separators are designed to treat hydrocarbon water. These separators can be fed by gravity or pumped. These separators carry out separation by physical means, do not require consumables and have no mobile parts, therefore no maintenance is needed and its operation is free of failures.

These Plates are mounted in modular packs and provided with an adjust device against the vessel that secures that all the flow to be treated goes through the Plates. Optimal working range temperature of Plate Packs MPak® is 4 to 98 °C (40 to 208 °F). Each separator of the Model MAS can be equipped with adjustable skimmers to withdraw separated hydrocarbons. Optionally, they can also be provided with a storage chamber to accumulate separated hydrocarbons.

Standard Features

- Access covers for easy adjustment of oil skimmers
- Epoxy coating interior and exterior
- MPak® plate packs: frame in steel and plastic hardware media is oleophilic polypropylene
- Clean plate packs in place -no need to remove from unit
- Solids collection connections built into all units
- ¾", ¼" or ½" MPak® coalescing plate spacing
- Computerized effluent predictions for accurate sizing
- Skid in carbon steel
- Safety closure device in the outlet

Engineering Specifications

- Flanges: ANSI B16.5
- Material of construction: carbon steel
- Separator hydrostatically tested for ½ hour
- Welding in accordance with the latest edition of A.W.S.

Standard Connections

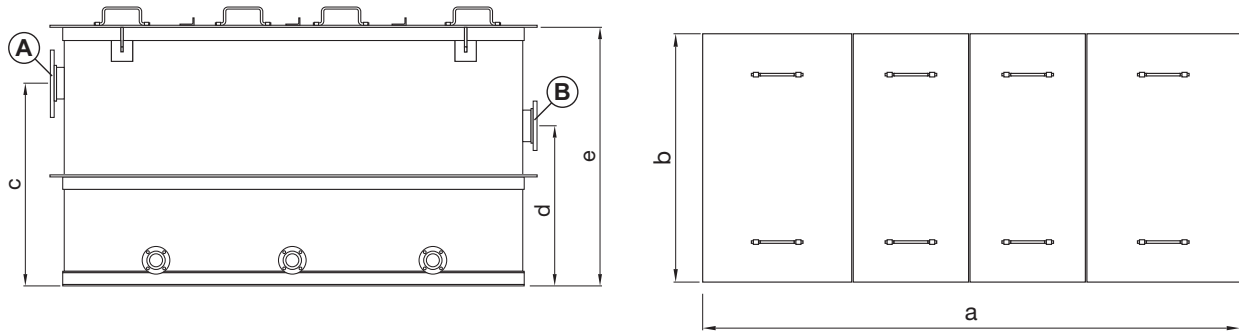
- Inlet and outlet: 150# R.F.S.O.
- Solids cleanout: 150# R.F.S.O.
- Drain: 150# R.F.S.O.
- Heater: 2 ½" NPT coupling (heaters optional)

Options

- Two adjustable oil skimmers
- Oil storage tank
- Oil pump control station: includes pump and motor, control panel, high and low level float switches
- Immersion heater: Available in various ratings
- Gasketed covers

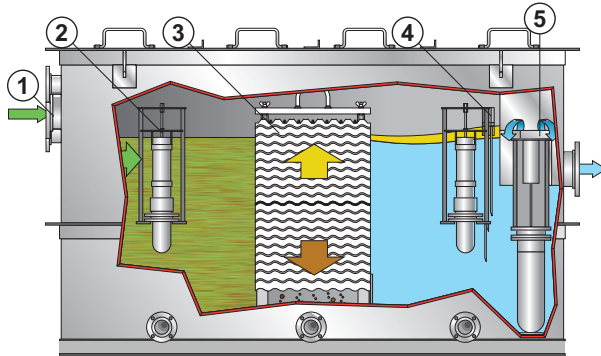
MAS Series

Oil Water Separators for Offshore Applications



MODEL	DIMENSIONS										FLOW		WEIGHT		CONNECTIONS	
	a		b		c		d		e		gpm	lpm	lbs	kg	A (Inlet)	B (Outlet)
	in	mm	in	mm	in	mm	in	mm	in	mm						
MAS 22-1	109 ¹ / ₁₆	2770	24 ³ / ₄	630	52 ¹ / ₈	1324	33 ⁷ / ₈	860	63 ⁵ / ₈	1620	60-100	227-379	2320	1052	DN150	DN150
MAS 22-2	93 ⁵ / ₈	3380	24 ³ / ₄	630	52 ¹ / ₈	1324	33 ⁷ / ₈	860	63 ⁵ / ₈	1620	60-100	227-379	2917	1323	DN150	DN150
MAS 22-3	157 ¹ / ₈	3990	24 ³ / ₄	630	52 ¹ / ₈	1324	33 ⁷ / ₈	860	63 ⁵ / ₈	1620	60-100	227-379	5230	1601	DN150	DN150
MAS 32-1	109 ¹ / ₁₆	2770	36 ¹ / ₂	930	52 ¹ / ₈	1324	33 ⁷ / ₈	860	63 ⁵ / ₈	1620	80-150	340-568	3195	1449	DN150	DN150
MAS 32-2	93 ⁵ / ₈	3380	36 ¹ / ₂	930	52 ¹ / ₈	1324	33 ⁷ / ₈	860	63 ⁵ / ₈	1620	80-150	340-568	4020	1824	DN150	DN150
MAS 32-3	157 ¹ / ₈	3990	36 ¹ / ₂	930	52 ¹ / ₈	1324	33 ⁷ / ₈	860	63 ⁵ / ₈	1620	80-150	340-568	4785	2170	DN150	DN150
MAS 52-1	109 ¹ / ₁₆	2770	60 ⁵ / ₈	1540	57 ⁷ / ₈	1470	39 ⁷ / ₈	1010	70	1780	150-250	568-946	3933	1784	DN150	DN150
MAS 52-2	93 ⁵ / ₈	3380	60 ⁵ / ₈	1540	57 ⁷ / ₈	1470	39 ⁷ / ₈	1010	70	1780	150-250	568-946	5101	2314	DN150	DN150
MAS 52-3	157 ¹ / ₈	3990	60 ⁵ / ₈	1540	57 ⁷ / ₈	1470	39 ⁷ / ₈	1010	70	1780	150-250	568-946	6263	2841	DN150	DN150
MAS 53-1	109 ¹ / ₁₆	2770	60 ⁵ / ₈	1540	64 ⁷ / ₈	1650	44 ⁷ / ₈	1140	79 ⁷ / ₈	2030	225-375	852-1419	4442	2105	DN200	DN200
MAS 53-2	93 ⁵ / ₈	3380	60 ⁵ / ₈	1540	64 ⁷ / ₈	1650	44 ⁷ / ₈	1140	79 ⁷ / ₈	2030	225-375	852-1419	5948	2698	DN200	DN200
MAS 53-3	157 ¹ / ₈	3990	60 ⁵ / ₈	1540	64 ⁷ / ₈	1650	44 ⁷ / ₈	1140	79 ⁷ / ₈	2030	225-375	852-1419	7253	3290	DN200	DN200
MAS 64-1	109 ¹ / ₁₆	2770	72 ³ / ₄	1850	77 ⁷ / ₈	1980	55 ³ / ₄	1420	96 ¹ / ₁₆	2440	360-600	1363-2271	7634	3463	DN250	DN250
MAS 64-2	93 ⁵ / ₈	3380	72 ³ / ₄	1850	77 ⁷ / ₈	1980	55 ³ / ₄	1420	96 ¹ / ₁₆	2440	360-600	1363-2271	9704	4402	DN250	DN250
MAS 64-3	157 ¹ / ₈	3990	72 ³ / ₄	1850	77 ⁷ / ₈	1980	55 ³ / ₄	1420	96 ¹ / ₁₆	2440	360-600	1363-2271	11781	5344	DN250	DN250
MAS 74-1	109 ¹ / ₁₆	2770	84 ⁹ / ₁₆	2150	77 ⁷ / ₈	1980	55 ³ / ₄	1420	96 ¹ / ₁₆	2440	420-700	1590-2650	8476	3845	DN250	DN250
MAS 74-2	93 ⁵ / ₈	3380	84 ⁹ / ₁₆	2150	77 ⁷ / ₈	1980	55 ³ / ₄	1420	96 ¹ / ₁₆	2440	420-700	1590-2650	10734	4869	DN250	DN250
MAS 74-3	157 ¹ / ₈	3990	84 ⁹ / ₁₆	2150	77 ⁷ / ₈	1980	55 ³ / ₄	1420	96 ¹ / ₁₆	2440	420-700	1590-2650	12992	5893	DN250	DN250
MAS 75-1	109 ¹ / ₁₆	2770	84 ⁹ / ₁₆	2150	89 ⁷ / ₈	2280	68 ¹ / ₃₂	1730	107 ⁷ / ₈	2740	525-875	1987-3312	9149	4150	DN250	DN250
MAS 75-2	93 ⁵ / ₈	3380	84 ⁹ / ₁₆	2150	89 ⁷ / ₈	2280	68 ¹ / ₃₂	1730	107 ⁷ / ₈	2740	525-875	1987-3312	11680	5298	DN250	DN250
MAS 75-3	157 ¹ / ₈	3990	84 ⁹ / ₁₆	2150	89 ⁷ / ₈	2280	68 ¹ / ₃₂	1730	107 ⁷ / ₈	2740	525-875	1987-3312	14213	6447	DN250	DN250
MAS 76-1	109 ¹ / ₁₆	2770	84 ⁹ / ₁₆	2150	102 ³ / ₄	2610	78 ⁵ / ₈	2000	124 ¹ / ₁₆	3150	630-1050	2385-3974	10024	4547	DN300	DN300
MAS 76-2	93 ⁵ / ₈	3380	84 ⁹ / ₁₆	2150	102 ³ / ₄	2610	78 ⁵ / ₈	2000	124 ¹ / ₁₆	3150	630-1050	2385-3974	12890	5847	DN300	DN300
MAS 76-3	157 ¹ / ₈	3990	84 ⁹ / ₁₆	2150	102 ³ / ₄	2610	78 ⁵ / ₈	2000	124 ¹ / ₁₆	3150	630-1050	2385-3974	15754	7146	DN300	DN300

MAS Series Oil Water Separators for Offshore Applications



ITEM	DESCRIPTION
1	Inlet
2	Skimmer (optional)
3	Facet MPak®
4	Oil level probe (optional)
5	Automatic closure device
6	Outlet

