



## Model MAS Steel Construction

PECOFacet 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. Doubly Corrugated Coalescent Plates PECOFacet MPak® are installed inside of separators.

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

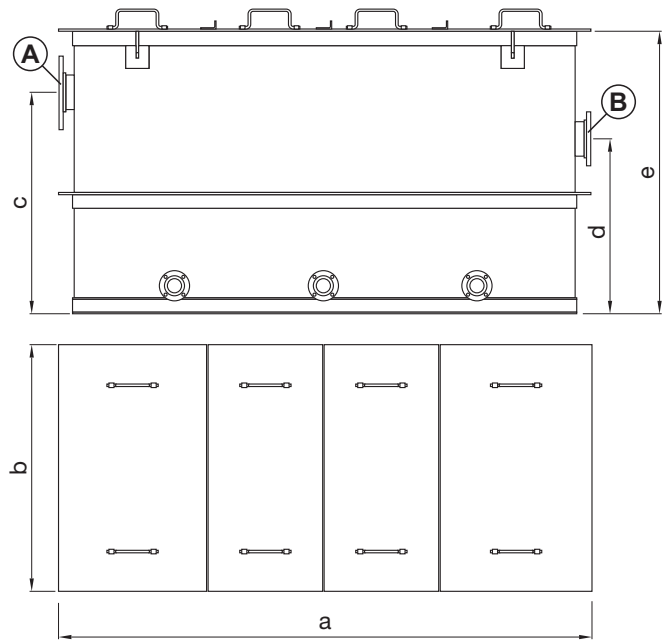
- Flanges: ANSI B16.5
- Material of construction: carbon steel
- Separator hydrostatically tested for ½ hour
- Welding in accordance with the latest edition of A.W.S.

## STANDARD CONNECTIONS

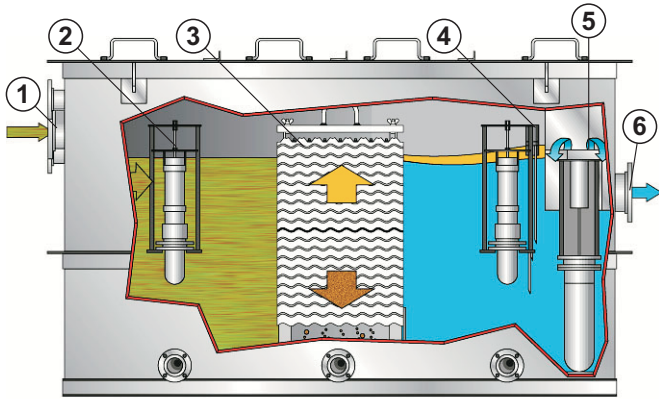
- Inlet and outlet: 150# R.F.S.O.
- Solids cleanout: 150# R.F.S.O.
- Drain: 150# R.F.S.O.
- Heater: 2 1/2" NPT coupling (heaters optional)

## 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



MODEL	DIMENSIONS (mm)					WEIGHT (kg)	FLOW RATE (lpm)	CONNECTIONS	
	a	b	c	d	e			A (Inlet)	B (Outlet)
MAS 22-1	2770	630	1320	860	1620	1052	227-379	DN150	DN150
MAS 22-2	3380	630	1320	860	1620	1323	227-379	DN150	DN150
MAS 22-3	3990	630	1320	860	1620	1601	227-379	DN150	DN150
MAS 32-1	2770	930	1320	860	1620	1449	340-568	DN150	DN150
MAS 32-2	3380	930	1320	860	1620	1824	340-568	DN150	DN150
MAS 32-3	3990	930	1320	860	1620	2170	340-568	DN150	DN150
MAS 52-1	2770	1540	1470	1010	1780	1784	568-946	DN150	DN150
MAS 52-2	3380	1540	1470	1010	1780	2314	568-946	DN150	DN150
MAS 52-3	3990	1540	1470	1010	1780	2841	568-946	DN150	DN150
MAS 53-1	2770	1540	1650	1140	2030	2105	852-1419	DN200	DN200
MAS 53-2	3380	1540	1650	1140	2030	2698	852-1419	DN200	DN200
MAS 53-3	3990	1540	1650	1140	2030	3290	852-1419	DN200	DN200
MAS 64-1	2770	1850	1980	1420	2440	3463	1363-2271	DN250	DN250
MAS 64-2	3380	1850	1980	1420	2440	4402	1363-2271	DN250	DN250
MAS 64-3	3990	1850	1980	1420	2440	5344	1363-2271	DN250	DN250
MAS 74-1	2770	2150	1980	1420	2440	3845	1590-2650	DN250	DN250
MAS 74-2	3380	2150	1980	1420	2440	4869	1590-2650	DN250	DN250
MAS 74-3	3990	2150	1980	1420	2440	5893	1590-2650	DN250	DN250
MAS 75-1	2770	2150	2280	1730	2740	4150	1987-3312	DN250	DN250
MAS 75-2	3380	2150	2280	1730	2740	5298	1987-3312	DN250	DN250
MAS 75-3	3990	2150	2280	1730	2740	6447	1987-3312	DN250	DN250
MAS 76-1	2770	2150	2610	2000	3150	4547	2385-3974	DN300	DN300
MAS 76-2	3380	2150	2610	2000	3150	5847	2385-3974	DN300	DN300
MAS 76-3	3990	2150	2610	2000	3150	7146	2385-3974	DN300	DN300



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

