MAS Series
Oil Water Separators - GFRP Construction

Facet MAS Series oil water separators are designed to treat hydrocarbon water both by gravity or pumping. These units perform the separation by physical means, do not require any consumables and have no mobile parts, so no maintenance is needed and their operation is free of failures.

Inside are housed the coalescing doubly corrugated plates Facet MPak®, which are supplied in modular packages installed within the separators together with an adjustment device which ensures that all of the fluid to be treated flows through the plates.

Each MAS Series oil water separator can be equipped with an oil storage chamber and/or with adjustable skimmers for removing the 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

Engineering Specifications

- Flanges: ANSI B16.5
- Material of construction: carbon steel
- 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 for oil removal
- Safety closure device in the outlet
- 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
- Access ladder
- Handrail

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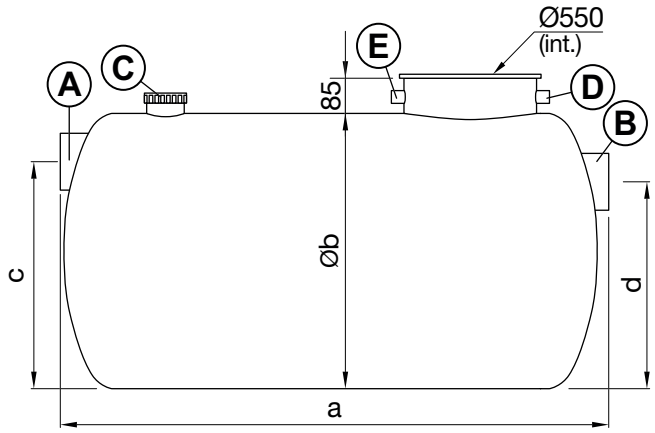
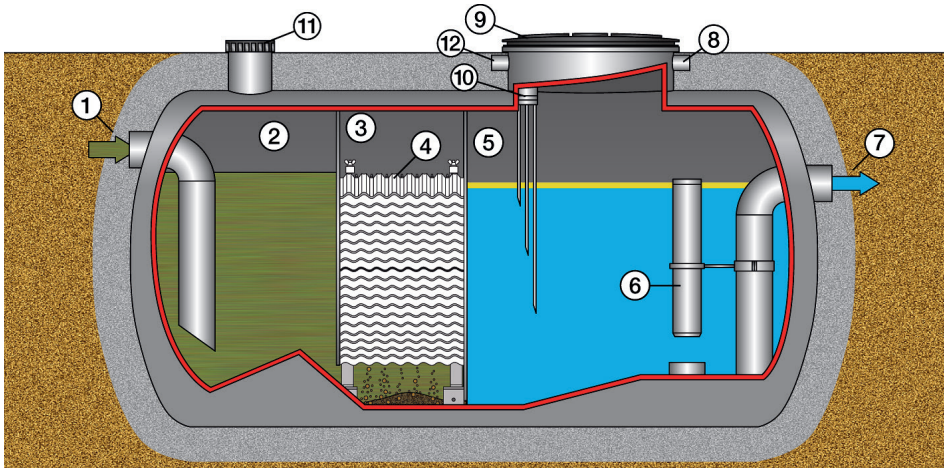


MODEL	Q	a	Øb	c	d	WEIGHT	V	A	B	C	D	E
	l/s	mm	mm	mm	mm	kg	l	DN	DN	DN/(mm)	mm	mm
MAS-11.1-GF	1.5	2330	1000	895	815	140	1830	110	110	90/(80)	25	25
MAS-12.1-GF	3	2330	1000	895	815	140	1830	110	110	90/(80)	25	25
MAS-13.1-GF	6	2330	1000	895	815	150	1830	160	160	90/(80)	25	25
MAS-23.1-GF	10	2330	1300	1170	1090	260	3100	160	160	90/(80)	40	25
MAS-24.1-GF	15	2460	1600	1450	1350	330	4950	200	200	90/(80)	40	25
MAS-25.1-GF	20	2460	1600	1450	1350	340	4950	200	200	90/(80)	40	25
MAS-35.1-GF	30	2590	2000	1825	1700	470	8100	250	250	90/(80)	40	25
MAS-45.1-GF	40	2760	2400	2200	2050	720	12500	315	315	90/(80)	40	25
MAS-55.1-GF	50	2760	2400	2200	2050	750	12500	315	315	90/(80)	40	25



ITEM	DESCRIPTION
1	Inlet
2	Inlet chamber
3	Plate chamber
4	MPak® plates
5	Outlet chamber
6	Automatic closure device
7	Outlet
8	Vent connection
9	Manhole
10	Oil level probe (optional)
11	Solids removal connection (with cover)
12	Connection for oil level probe wiring

Authorized Distributor

CLEAR SOLUTIONS, INC.

970 Calle Negocio
San Clemente, CA 92673
info@clearsolutionscorp.com
(949) 429-8922
clearsolutionscorp.com

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