Facet Filtration Group®

80th ANNIVERSARY 1943 - 2023

MAS Series
Oil Water Separators - Concrete 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

- Class I Separators, according to EN-858, effluent less than 5 ppm
- Safety closure device in the outlet
- MPak® plate packs: frame in steel and plastic hardware media is oleophilic polypropylene
- Clean plate packs in place (no need remove from unit)
- ¾", ¼" or ½" MPak® coalescing plate spacing
- Computerized effluent predictions for accurate sizing

Engineering Specifications

- Material of construction: prefabricated reinforced concrete
- Hydrostatically tested for ½ hour
- Covers in cast iron Class D400 according to EN-124

Options

- Adjustable oil skimmers for oil removal
- Oil storage chamber
- Inlet solids chamber
- Oil pump control station: includes pump and motor, control panel, high and low level float switches
- Automatic warning device for light liquid Ex(i) execution

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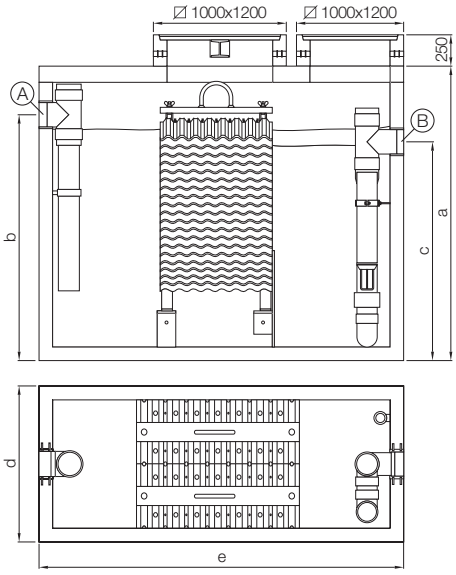

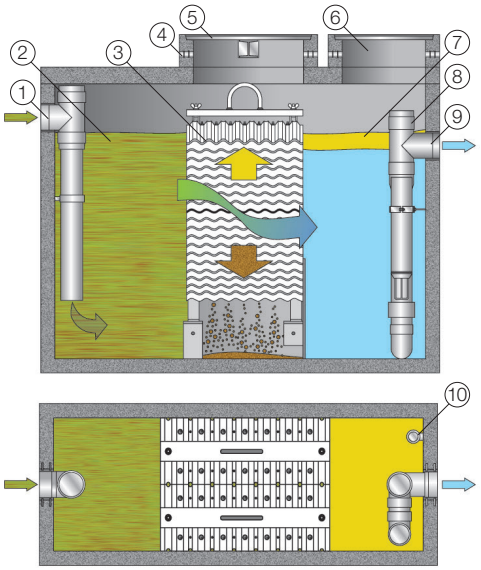

MODEL	DIMENSIONS (mm)					FLOW (l/s)	CONNECTIONS	
	a	b	c	d	e		A	B
MAS 11.1	1000	725	615	1200	1000	1.5	DN100	DN100
MAS 12.1	1000	725	615	1200	1000	3	DN100	DN100
MAS 13.1	1500	1320	1160	1200	1000	6	DN150	DN150
MAS 23.1	2010	1460	1250	820	2835	10	DN150	DN150
MAS 24.1	2310	1780	1530	820	2835	15	DN200	DN200
MAS 25.1	2705	2175	1925	820	2835	20	DN200	DN200
MAS 35.1	2800	2250	1900	1135	2910	30	DN250	DN250
MAS 45.1	2800	2250	1945	1440	2910	40	DN300	DN300
MAS 55.1	2850	2225	1875	1750	3035	50	DN300	DN300
MAS 75.1	2850	2275	1925	2360	3035	65	DN300	DN300
MAS 76.1	3100	2610	2260	2360	3035	80	DN300	DN300
MAS 75.2	2850	2275	1925	2360	4620	100	DN300	DN300
MAS 76.2	3100	2610	2260	2360	4620	125	DN400	DN400
MAS 96.2	2900	2475	1792	2100	4650	150	DN400	DN400

ITEM	DESCRIPTION
1	Inlet
2	Inlet chamber
3	Facet MPak® Plates
4	Vent
5	Cover
6	Manhole
7	Outlet chamber
8	Automatic closure device
9	Outlet
10	Oil level probe (optional)

Authorized Distributor

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