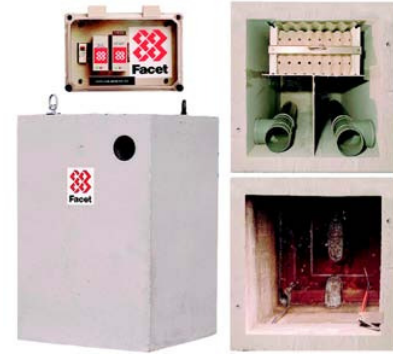


MAS Series Concrete Construction



MAS Series, Facet Coalescent Plates 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 FACET 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 MAS Series 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

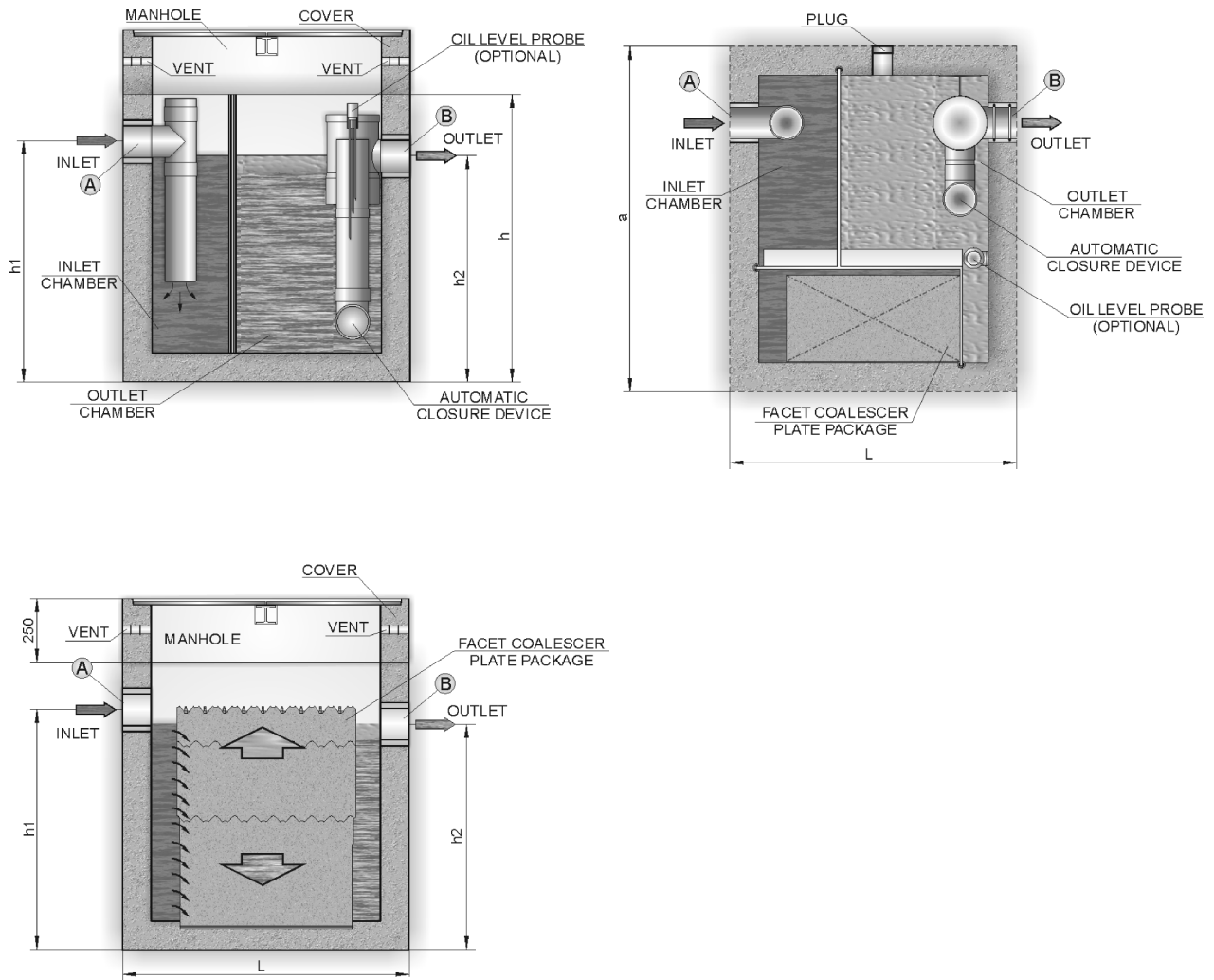
- Class I Separators according EN-858, effluent less than 5 ppm
- Outlet security device
- Access covers Class C250 according EN-124
- MPak[®] plate packs: frame in steel and plastic hardware media is oleophilic polypropylene
- Clean plate packs in place - no need to remove from unit
- 3/4", 1/4" or 1/2" MPak[®] coalescing plate spacing
- Computerized effluent predictions for accurate sizing

ENGINEERING SPECIFICATIONS

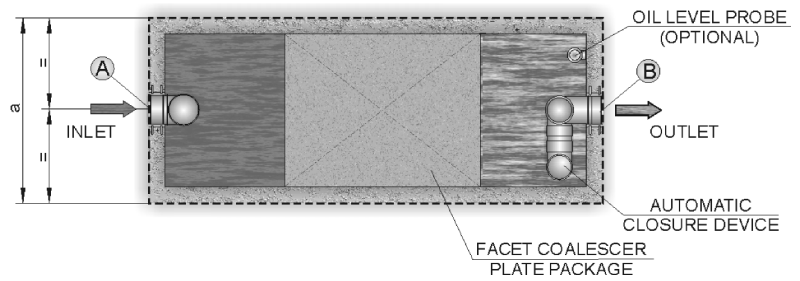
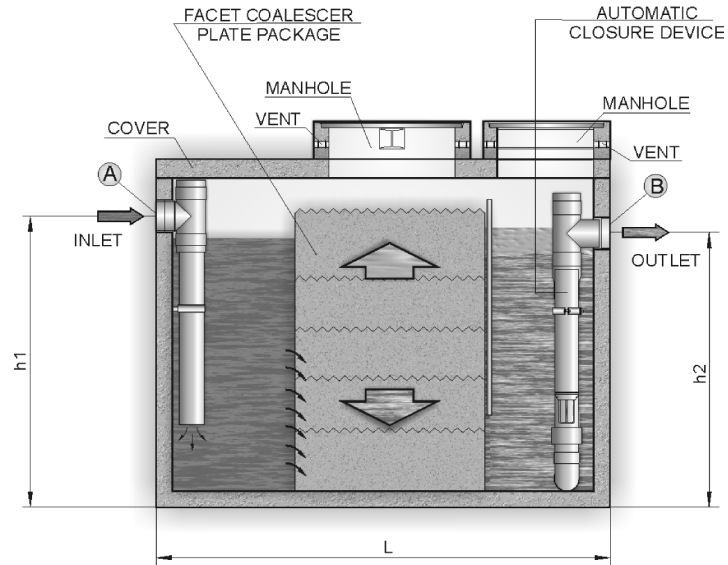
- Material of construction: prefabricated reinforced concrete
- Separator hydrostatically tested for 1/2 hour
- Covers in cast iron Class C250 according EN-124

OPTIONS

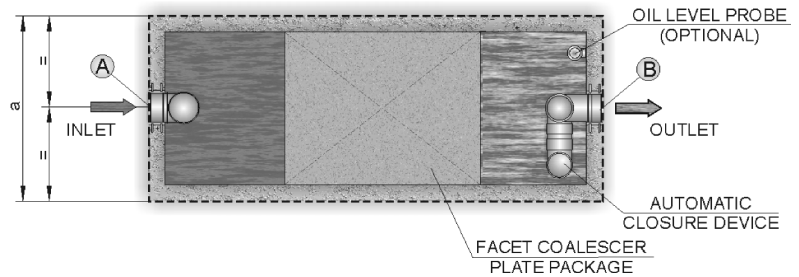
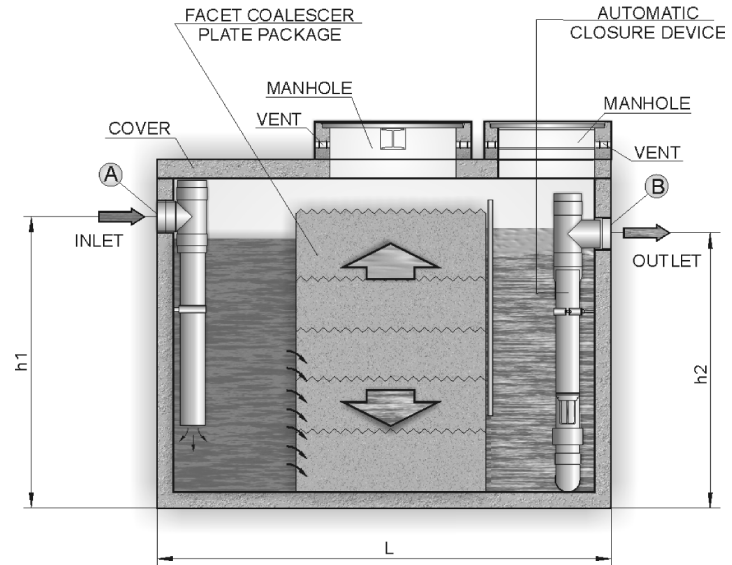
- Oil skimmers
- Oil storage tank
- Oil pump control station: includes pump and motor, control panel, high and low level float switches
- Automatic warning device for light liquid Ex(i) execution



MODEL	FLOWRATE (l/s)	DIMENSIONS (mm)					NOZZLES	
		h	h1	h2	a	L	A	B
MAS-11.1	1.5	1000	725	615	1200	1000	DN100	DN100
MAS-12.1	3	1000	725	615	1200	1000	DN100	DN100
MAS-13.1	6	1500	1320	1160	1200	1000	DN150	DN150



MODEL	FLOW RATE (l/s)	DIMENSIONS (mm)					NOZZLES	
		h	h1	h2	a	L	A	B
MAS-23.1	10	1140	1365	1165	820	2835	DN150	DN150
MAS-24.1	15	1530	1780	1530	820	2835	DN200	DN200
MAS-25.1	20	1925	2175	1925	820	2835	DN200	DN200
MAS-35.1	30	1925	2200	1900	1130	2910	DN250	DN250
MAS-45.1	40	1925	2225	1875	1440	3035	DN300	DN300
MAS-55.1	50	1925	2225	1875	1750	3035	DN300	DN300



MODEL	FLOWRATE (l/s)	DIMENSIONS (mm)					NOZZLES	
		h	h1	h2	a	L	A	B
MAS-75.1	65	1925	2225	1875	2360	3035	DN300	DN300
MAS-76.1	80	2300	2600	2250	2360	3035	DN300	DN300
MAS-75.2	100	1925	2225	1875	2360	4620	DN300	DN300
MAS-76.2	125	2300	2650	2200	2360	4620	DN400	DN400
MAS-96.2	150	2300	2650	2200	2970	4620	DN400	DN400