



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.

Standard Features

- Class I Separators, according EN-858, effluent less than 5 ppm
- Safety closure device in the outlet
- MPak® plate packs
- ¾", ¼" or ½" MPak® coalescing plate spacing
- Computerized effluent predictions for accurate sizing
- Solids removal connection with cover
- Vent connection
- Oil removal through manhole

Engineering Specifications

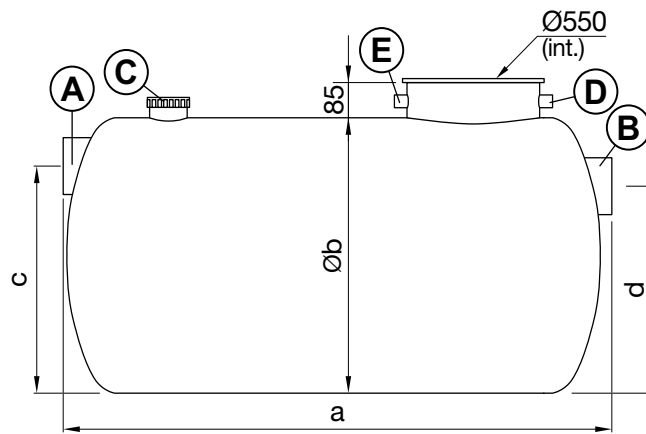
- Material of construction: GFRP according to EN-976-1
- Hydrostatically tested for ½ hour
- Covers in PVC Class A15, according to EN-124
- Connections according to DIN

Options

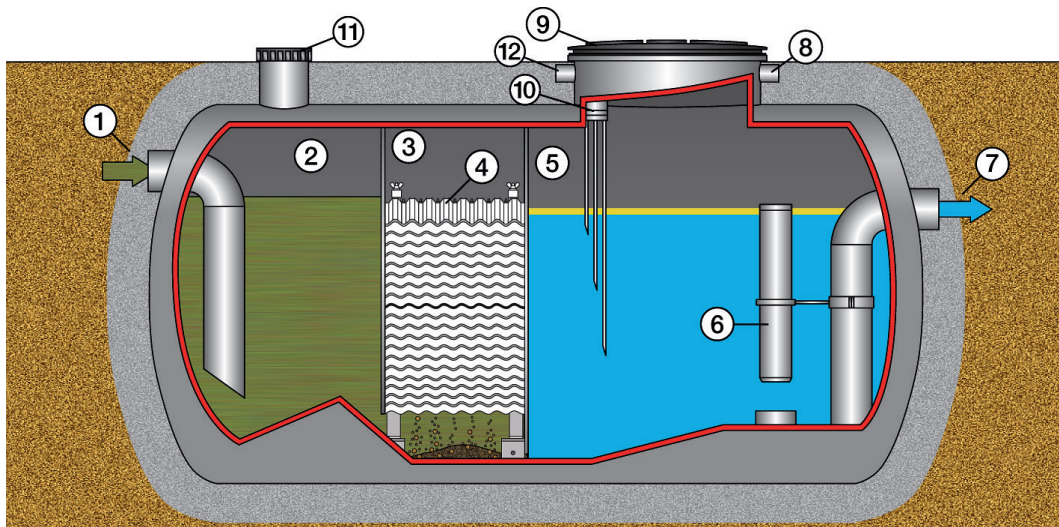
- Adjustable oil skimmers for oil removal
- Oil storage chamber
- Inlet solids chamber
- Oil pump control station: includes pump and motor, control panel, high and low level float switches
- Automatic warning device for light liquid, Ex(i) execution
- Automatic warning device for solids level

MAS Series

Oil Water Separators - GFRP Construction



| 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 |