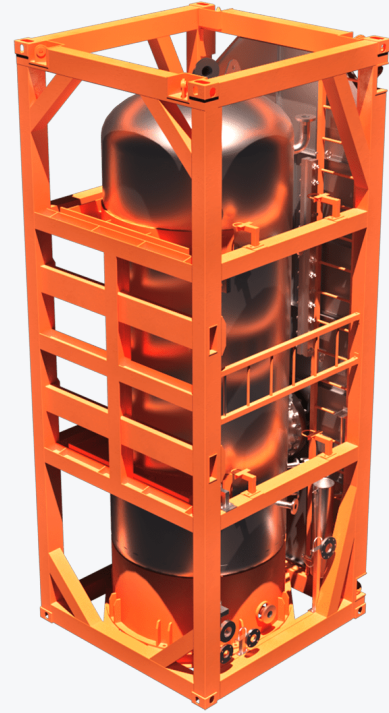




Product Summary

The FourPhase Degassing vessel is designed to separate virtually all entrained gases, including oil & water separation and measurement in the lower section.

The degassing vessel is used to separate the liquids from the gas in produced well streams for better pipeline efficiency and economics. The separation of gas, hydrocarbon liquid, and water into separate phases is accomplished by reducing the velocity of the fluid flow by passing it through a separator. The degasser reduces the threat of dangerous and costly blowouts that can occur from recirculating gas/mud and can also be used as a storage unit.





Technical Specification

SI U.S.

Pressure

Operation Pressure: 99 bar (1 440 psi) @ 38 °C (100 °F)
81 bar (1 180 psi) @ 121 °C (250 °F)
Design Pressure: 100 bar (1 450 psi)

Capacity

Max Condensate Flow Rate: 600 ltrs/min (3.8 bbl/min)
Max. Gas Flow Rate: 15 000 sm³/day (32 bbl)
Vessel: 5.1m³ (32 bbl)

Dimensions

Height: 5 820 mm (19.1 ft)
Width: 2 300 mm (7.5 ft)
Depth: 2 320 mm (7.6 ft)
Weight: 18 000 kg (39 683 lb)
Inside diameter of shell: 1 700 mm (5.6 ft)

Temperature

Design temperature: 121 °C (250 °F)
Min operating temp: -28 °C (-18,4 °F)
Max operating temp: +90 °C (+194 °F)

Certification

PED 97/23/EC
DNV GL 2.7-3

Materials

Tank pressure vessel: Stainless steel
Structure: BS4360 grade 43D impact tested carbon steel