

## FT450-4 Dual Vessel Filtration Unit

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### Description

The FT450 Filtration Unit is one of the most widely used filtration unit for oilfield applications. The compact design of the FT450 is ideal for applications that require a unit with a small footprint and yet still meet demands of the operator.

The design allows the operator to filter in series or parallel flow with the option to circulate if required. All our filter vessels are manufactured based on industry recognised design codes such as PD5500 and ASME VIII.

We also ensure our vessels meet the demands of the PED (Pressure Equipment Directive) 97/23/EC for Group 1 hazardous fluids and are compliant with ATEX and H2S to NACE MR-01-75 standards.

### Typical Applications

- Produced Water
- Amines
- Glycol
- Brines
- Acids
- Waste Water
- Gravel Pack Fluids
- Work-over Fluids
- Well Completion Fluids
- Bilge Water
- Pre-Filtration
- Seawater
- Diesel

### Approvals

All Filtration Equipment is approved and certified by DNV to DNV 2.7-1 / BS EN 12079

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## Technical Specifications

General Specifications	
Number of Cartridges (Per vessel)	4 x 6.25" Ø Cartridges (Other sizes available on request)
Vessel Diameter	18" (460 mm)
Vessel Material	316 Stainless Steel
Working Pressure	10 Bar (Other pressure ratings available on request)
Design Temperature	100°C
Recommended Flow Rate	95 m <sup>3</sup> / hour (10 bbl / minute)
Design Standards	ASME VIII Div.1 2010 (Alternative design code standards available on request) PED 97 / 23 / EC (Pressure Equipment Directive), Group 1 Hazardous Fluids CE Marked & ATEX Compliant H2S to NACE MR-01-75 (≤ 60°C)
Inlet / Outlet Pipework	4" Series / Parallel / Bypass Manifold c/w Pressure Gauges
Drain	1.5" Pipework Flange Terminated
Drip Tray	Removable Stainless-Steel Tray
Weight (kgs)	2,500
Dimensions (mm)	2,100 x 1,200 x 2,220

For more information on our products and services, please contact your local Centurion Fluid Filtration representative or email us at [CFFUK@centuriongroup.co.uk](mailto:CFFUK@centuriongroup.co.uk).



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