

VPL-600 DE Filtration Unit



Typical Applications

- Well Completion Fluids
- Brines
- Work-Over Fluids
- Waste Water
- Pre-Filtration
- Seawater

Approvals

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

Description

Centurion Fluid Filtration manufactures compact DE Vertical Pressure Leaf filter unit combining the filter vessel, DE mix tank, pumps and control system.

A dual vessel cartridge system can also be configured within one transportation skid if required.

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PRODUCTION AND PROCESS NEEDS.**

Technical Specifications

Number of Leaves (Plates)	20 x Stainless Steel Leaves x/w Polypropylene Cloths
Filtration Area	600 ft²
Vessel Diameter	52" (1320 mm)
Vessel Material	316 L Stainless Steel
DE Mix Tank Capacity	10 bbl
Working Pressure	10 Bar (Other pressure ratings available on request)
Design Temperature	100°C
Recommended Flow Rate	145 m³ / hour (15 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 ($\leq 60^{\circ}\text{C}$)
Inlet / Outlet Pipework	4" Manifold c/w pneumatically Operated Valves
Wash Water Manifold	2" Pipework Flange Terminated
Weight (kgs)	4,400
Dimensions (mm)	3,300 x 2,200 x 2,900

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

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