

The new Dual Vessel Cartridge Filter Unit is based on 20 years experience manufacturing oilfield equipment. All new features are based on customer feedback combined in our unique dual pod filter unit. HSE, efficiency and reliability are the key drivers for our product improvement and design. The Rudi Quick Opening Closure allows the operator to fast and safe open and close the filter vessel for change out of filter elements.

## FEATURES

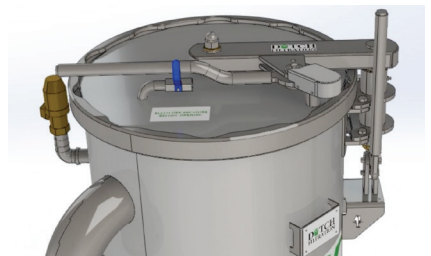
- Compact footprint
- Quick opening closure lid
- Simple Davit
- Frame designed and certified according DNV 2.7-1 by DNV
- All wetted parts SS316
- Connections SS316 unions fig. 100/206
- ISO Corner Blocks
- Standard 10 bar design to PED

## BENEFITS

- Fit on every on-/offshore installation
- Quick and safe filter change out
- Easy opening and closing
- Designed to global on / offshore requirements
- No corrosion issues
- 100% leak-proof and easy sealing with uniform pressure
- Quick and safe fixation on truck or deck
- Suitable for most applications

## APPLICATIONS

- Completion fluids
- Produced water
- Work over fluids
- Gravel pack fluids
- Wellbore clean up fluids
- (Bio) diesel
- Surface water intake
- Process water
- Pre filtration RO
- Frac fluids
- Pipeline flushing
- Waste water



## Contact

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# SPECIFICATIONS DUAL VESSEL CARTRIDGE FILTER UNIT

Design Specifications	
Max. recommended flow	18 BPM (172 m <sup>3</sup> /hr)
Max. working pressure	145 psi (10 bar)
Max. working temperature	212 °F (100 °C)
Design code frame	DNV 2.7-1 certified by DNV
Design code vessels	ASME VIII, div 1 / PED 97/23/EG
Safety valve set point	105 psi (7 bar)
Vessel closure	24" Rudi Quick Opening Closure (no tools and no bolts)
Lifting	Hoisting slings (certified) and forklift pockets
Dimensions	
Vessel diameter	24 " (610mm)
Number of cartridges	50 / vessel
Cartridge diameter	2,5"
Cartridge length	40 " plug in type (type 222)
Pipe size	4"
Weight (empty)	2650 lbs (1200 kg)
Dimension (L x W x H)	8.0 x 4.3 x 7.1 ft (2.4 x 1.3 x 2.18m)
Connections / Valves / Instruments	
In-/Outlet	4" Union fig.206 inch to 4" NPT-M
Drain	1" SS316 ball valve with 1" BSP-F
Vent	1" SS316 ball valve with 1" BSP-F
Pressure relief valve	1" bronze, set point 7 bar
Main Valves	4" Butterfly valves
Instruments	2 manometers; in-/outlet pressure gauges (0-10 bar)
Materials	
Material of vessel and piping	SS316 (all wetted parts)
Material frame	Carbon steel, epoxy coated RAL 6017 other colours on request

## OPTIONAL

- Pneumatic or Hydraulic closure
- Stainless steel drip pan
- Common drain line
- Construction materials: carbon steel coated, (super) duplex
- Cartridge configuration such as high flow (OD 6.5")
- Manifold sizes and connection types, High flow
- Vessel linings: rubber, epoxy, glass flake, PU
- Combination unit, integrated bag filter option



**BRING YOUR FILTRATION  
TO A NEW LEVEL**