



FILTRATION SERVICES

DUPLEX CARTRIDGE FILTRATION UNIT

We provide duplex cartridge filtration units for a wide range of filtration applications, from polishing after diatomaceous earth (DE) filters to hydrocarbon removal. Typically, our duplex cartridge filtration units filter solids between 2 and 20 microns in size. When heavier contamination is expected, the duplex cartridge filtration unit becomes part of an all-inclusive filter press package. Our duplex cartridge filtration unit (TDW 610-50/40) has a high processing volume capacity for numerous applications.

TECSEP ALL-INCLUSIVE FILTER PRESS APPLICATIONS

- Well completion fluids.
- Wastewater remediation.
- Gravel-pack fluids.
- Glycols.
- Work-over fluids.
- Brines.
- Produced water (polishing).
- Acids.
- Bilge water.
- Stimulation fluids.
- Pre-filtration, such as reverse osmosis.
- Seawater.
- Diesel.



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TECHNICAL SPECIFICATIONS

MODEL	Measuring Unit	Duplex Cartridge Unit
Dimensions (L x W x H)	(m)	2,25 x 1,20 x 2,20
Empty weight	(kg)	1400
Pipe size	in / (mm)	4 / (101,6)
Cartridge Diameter	in / (mm)	2.5 / (63,5)
Cartridge length	in / (mm)	40 / (1016)
Number of vessels		2
Vessel diameter	in / (mm)	24 / (610)
Pressure relief valve		1" brass, set point @ 7 bar (101,5 psi)
Max. operating pressure	Psi / (bar)	101,5 / (7)
Max. operating temperature	°F / (°C)	158 / (70)
Max. recommended flow	bbl / min (m3/hr)	18 / (172)

Approved and Certified by DNV to DNV 2.7-1/BS EN12079