

# DFVPL600

VERTICAL PRESSURE LEAF 600 SQFT

**DUTCH**  
FILTRATION



## FEATURES

- Compact footprint. Filter and mix tank with pumps in 1 frame
- Frame designed and certified according DNV2.7-1 / ISO10855/ EN12079
- Semi automatic closed washdown system
- All wetted parts SS316
- Connections unions fig. 206
- Stainless steel control cabine

## BENEFITS

- Fit on every on-/offshore installation
- Designed to global on-/offshore requirements
- HSE friendly wash down of leaves
- No corrosion issues
- 100% leak-proof and easy sealing with uniform pressure
- Robust and no corrosion

## APPLICATIONS

- Completion fluids
- Work over fluids
- Gravel pack fluids
- Wellbore clean up fluids
- (Bio) diesel
- Surface water intake
- Process water
- Frac fluids
- Waste water

## OPTIONAL

- Other sizes filtration surface
- High flow 6" manifold and connections size
- ISO corner blocks
- Combination unit, one frame with dual cartridge unit

Clean completion fluids and wellbore clean up fluids are used for clean out and protection of the wellbore to maximize the oil and gas production.

The DVPL600 is a complete vertical pressure leaf filter unit equipped with all necessary auxiliaries such as mixtank, air driven precoat and body feed pumps. The closed system guarantees an environmental friendly operation. The VPL unit is equipped with an improved washdown system which cleans 100% of the filter leaves. This semi automated system cleans the filter in ~10 minutes. The compact footprint, closed system and quick washdown are the main benefits over a filter press.

## Contact

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# SPECIFICATIONS VERTICAL PRESSURE LEAF 600 SQFT

Design Specifications	
Max. recommended flow	18 BPM (172 m <sup>3</sup> /hr)
Design pressure	101,5 psi (7 bar)
Test pressure	145,2 psi (10 bar)
Max. working temperature	158 °F (70 °C)
Design code frame	DNV 2.7-1 / EN12079 certified
Cleaning filter	Semi automatic high pressure wash down system
Lifting	Hoisting slings (certified) and forklift pockets
Dimensions	
Filtration surface	600 sq. ft. (56m <sup>2</sup> )
Number of filter leaves	20
Volume mixtank	12 BBL
Pipe size	4"
Weight (empty)	10000 lbs (4500 kg)
Dimension (L x W x H)	9,2 x 8.3 x 9.7 ft (2.8 x 2.52 x 2.95m)
Connections/Valves/ Instruments	
In-/Outlet	4" Union fig. 206 inch to 4" NPT-M
Dump	4" couplings fig. 100 hammer Union
Main valves	4" Butterfly valves, cast iron body, NBR seat and SS316 disc
Instruments	4 manometers; in-/outlet, wash water, air pressure (0-10 bar), flow meter
Pump body feed and precoat	Air driven diaphragm pump 2" and 3"
Materials	
Material of filter leafs	SS316
Material filter cloth	Polypropylene
Material frame	Carbon steel, epoxy coated RAL 6017 other colours on request
Material piping, flanges	SS316

## ORDERING CODE

Type	Filtration surface	Pipe size	Options	DNV
DFVPL = vertical pressure leaf	600 = 600 sq. ft.	4 = 4"	M = Manual Cleaning	DNV certified
	Other sizes 420-1600 sq. ft. on request	6 = 6"		
Example: DFVPL600-6 is vertical pressure leaf 600 sq.ft. with 6" High flow connections				

