



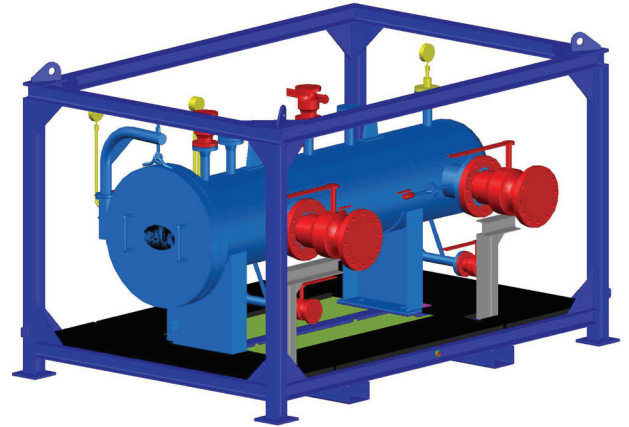
## High Flow Filtration Technology Available as a Rental Skid: Simplex 4 Element Filter Skid

### Description

For more than 70 years Pall Corporation has been solving complex contamination problems across the refining, petrochemical and oil and gas industries. **By applying our advanced filtration and separation technologies** directly to the problem, we're able to help operators reduce maintenance costs and minimize unscheduled shutdowns. Our High Flow filtration platforms are proven to **efficiently and reliably filter contaminants from a wide variety of process and product streams**, which can cause a multitude of costly operational and fluid quality problems.

### Features

- Maximum hydraulic flow capacity up to 454 m<sup>3</sup>/hr (2000 gpm)
- Fully valved and piped on skid (inlet/outlet, clean and dirty side vents and drains)
- Inlet/outlet connections on both sides of skid to allow field piping options. Optional outlet on top of vessel.
- Spare ports for vessel flushing and PSV connections
- Local differential pressure gauge/P & T gauges
- Davited full-open closure
- Integrated, valved fluid sampling panel for influent and effluent samples
- Complies with most refinery mechanical specifications
- Lifting points at four corners of the skid
- Fork lift pockets for portability
- The frame on all skids is totally boxed in on all sides and bottom to provide spill containment



4S Simplex High Flow filter rental skid<sup>1</sup>

### Design Specifications<sup>2</sup>

- Mobile skid dimensions: (L x W x H): 3 m (118 in) x 1.5 m (59 in) x 2 m (78.7 in)  
Can be shipped via standard low bed trailer.
- Skid Weight: 1300 kg (2,866 lbs)
- Vessel design: ASME Code, Section VIII, Div. 1 with 34 bar (493 psig) and FV @ 100°C (212°F)
- National Board Number (check for availability – not all vessels are registered)
- Piping design: ASME B16+ Process Piping Code for 34 bar (493 psig) @ 100°C (212°F)
- MDMT -29°C (-20.2°F)
- Filter vessel: Accepts 4 elements, 15.24 cm (6 in) diameter x 101.6 cm (40 in)
- Valving: equipped with full port gate valves
- Inlet/outlet: 4 & 6 in (300 lb WNRF flange)

<sup>1</sup> Pictures shown are for illustrative purposes only. Actual product may vary due to product enhancement.

<sup>2</sup> For complete details, request a design package.

## Materials of Construction

- Skid body: carbon steel primed and epoxy coated
- Filter vessels and piping: 316 stainless steel
- Inlet/outlet valves: 300 lb, OS&Y, 316 stainless steel flexible wedge, full-port gate style
- Housing closure gaskets: 316 stainless steel inner and outer rings

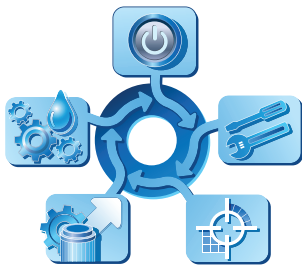
## Applications

- Remove particulate contamination from:
  - feedstocks to protect catalytic reactor beds
  - LPG, gasoline, diesel, and jet fuel final products
  - many other contaminated products that can be found in a variety of storage tanks in a plant
- amine (rich and lean)
- aromatic extraction solvents
- dehydration solvents
- sour water
- make-up water
- Prefiltration for liquid/liquid separations



4S Simplex High Flow filter rental skid

**Protect. Renew. Optimize.**



**For rental inquiries, please contact  
MEA\_Services@europe.pall.com**



60 in Ultipleat® High Flow filter element



**Pall Corporation**

### Fuels and Chemicals

25 Harbor Park Drive  
Port Washington, NY 11050  
+1 516 484 3600 telephone  
+1 888 873 7255 toll free US

### Pall MEA

+971 4 884 9420 telephone  
+971 4 884 9421 fax

## Visit us on the Web at [www.pall.com](http://www.pall.com)

Pall Corporation has offices and plants throughout the world. For Pall representatives in your area, please go to [www.pall.com](http://www.pall.com).

Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice. Please consult your Pall representative or visit [www.pall.com](http://www.pall.com) to verify that this information remains valid. Products in this document may be covered by one or more patent numbers. For a complete list of Pall's patents, please visit <http://www.pall.com/en/about-pall/patents.html>.

© Copyright 2017 Pall Corporation. Pall, , and Ultipleat are trademarks of Pall Corporation. ® indicates a trademark registered in the USA. **Filtration. Separation. Solution.<sup>SM</sup>** is a service mark of Pall Corporation.