



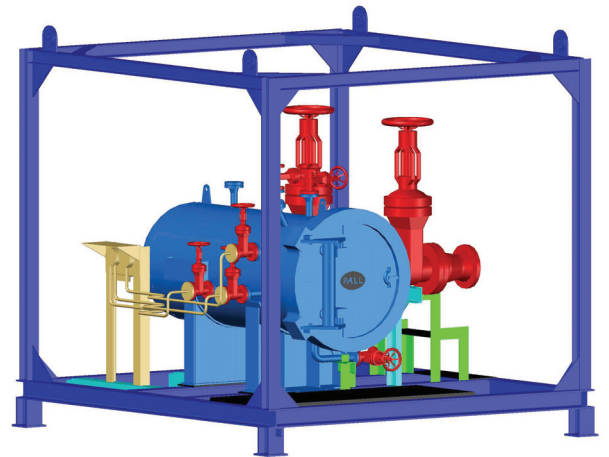
High Flow Filtration Technology Available as a Rental Skid: Simplex 19 Element Filter Skid

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 2158 m³/hr (9500 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
- Quick 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



19-Around Simplex High Flow filter rental skid¹

Design Specifications²

- Mobile skid dimensions: (L x W x H): 3.76 m (148 in) x 3.5 m (138.2 in) x 3.47 m (136.6 in)
Can be shipped via standard low bed trailer.
- Skid Weight: 8500 kg (18,739 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 19 elements, 15.24 cm (6 in) diameter x 152.4 cm (60 in)
- Valving: equipped with full port gate valves
- Inlet/outlet: 8 & 10 in (300 lb WNRF flanges)

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

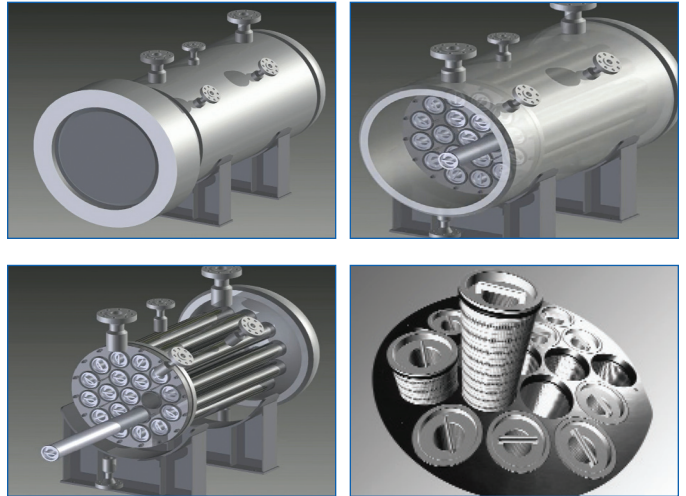
² For complete details, request a design package.

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
- 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

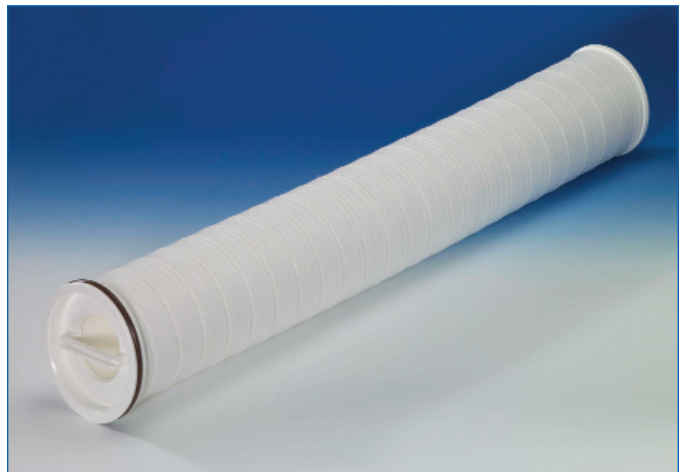


19-Around Simplex High Flow filter rental skid

Protect. Renew. Optimize.



For rental inquiries, please contact
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60 in Ultipleat® High Flow filter element



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