

## High Flow Filtration Technology Available as a Rental Skid: Modular 7 Element Filter Skid

Pall Modular High Flow Filtration rental skids are Fast to implement and CAPEX free solutions that utilizes advanced filtration technologies to help operators reduce maintenance costs and minimize unscheduled shutdowns.

The skids modular design gives flexibility to build multiple Filtration and Separation System configurations.

### 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 solvent
- Dehydration solvents
- Sour water
- Make-up water
- Pre-filters for Liquid/Liquid Coalescers

### Rental Services Benefits:

- Emergency, short-term or semi-permanent rental
- Mission ready filters/separators rental units available
- State of the art filtration and separation technologies
- Turn-key depollution solutions available for turn-around or shutdowns
- Pilot scale demonstration of technologies before full application

### Common Arrangements:

- Simplex Filter
- Duplex Filter 1 Working + 1 Spare
- Duplex Filter 2 working



*7-Around Modular Skid*



*Two Modular Skids Configured in a Duplex Arrangement*

## **Modular 7 Element Filter Skid provides the following features:**

- Maximum hydraulic flow capacity of 795 m<sup>3</sup>/hr (3,500 USGPM) (120,000 bbl/day)
- 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 flexible field piping options.
- Spare ports for vessel flushing and PSV connections
- Local differential pressure gauge
- Davited full-open closure
- Complies with most refinery mechanical specifications
- NACE compliant for sour service
- Lifting Lugs on the housing
- Forklift pockets and Pull bars for portability

## **Modular 7 Element Filter Skid design specifications:**

- Mobile skid dimensions (L x W x H): 3.87 m (152 in) x 1.33 m (52 in) x 2.34 m (92 in)
- Can be shipped via standard flatbed truck.
- Skid Weight: Dry – 5,346 kg (11,750 lbs), Full of water – 6,256 kg (13,750 lbs)
- Vessel design: ASME Code, Section VIII, Div. 1 with CRN for Canada;
- 45 bar (655 psig) and FV @ 149°C (300°F)
- National Board Number
- Piping design: ASME B31.3 Process Piping Code for 45 bar (655 psig) @ 149°C (300°F)
- MDMT -50 F
- Filter vessel: one each
- Accepts 7 Pall High Flow 15.24 cm (6 in) diameter x 152.4 cm (60 in) elements
- Valving: full port gate valves on Inlet & Outlet, Full Port Ball Valves on Drain & Vent
- Inlet/outlet: 8" - 300# RFWN flange

For Rental inquiries contact us today at [www.pall.com/contact](http://www.pall.com/contact) or [ame\\_services@pall.com](mailto:ame_services@pall.com) and increase your productivity, CAPEX Free!