



Pall Corporation

PallPRO Services

Liquid/Liquid Coalescer Technology Available as a Rental Skid: Simplex 9 Element Coalescer Skid (Skid can be converted to a filter)

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. Pall's proprietary polymeric coalescers **efficiently break stable emulsions**. Common applications include water from refinery fuels, caustic from fuels, hydrocarbon from rich amine or sour water.

Features

- Flow capacity up to 160 m³/h (700 USGPM) (24,000 bbl/day)
- Fully valved and piped on skid (inlet/outlet, clean and dirty side vents and drains)
- Local differential pressure gauge
- Local pressure gauge
- Local temperature gauge
- Local level gauge
- PSV installed
- Integrated points for influent and effluent samples
- NORSOK compliant vessel
- NACE compliant for sour service
- Fully enclosed sump area to low point
- Vent line to sump
- All lines to skid edge
- Skid frame has options for single point lift/fork lift truck
- Full set of transportation blinds



9-Around Simplex Coalescer rental skid

Design Specifications¹

- Mobile skid unit dimensions (L x W x H): 3.9 m (153.5 in) x 1.5 m (59 in) x 2.6 m (102.4 in). Can be shipped via standard flatbed truck.
- Skid weight: Dry – 3500 kg, Full of Water – 3900 kg
- Vessel design code: EN13445/ PED Module G Cat. 4/CE marked
- Piping design: ASME B31.3
- Design pressure: 34 bar (493 psi)
- Design temperature: 80°C (176°F)
- Inlet/outlet 4" RFWN flange
- Coalescer vessel: 1 Removable 9 x 101.6 cm (40 in) AquaSep[®]/PhaseSep[®] Coalescer plate assembly
- Full documentation package and drawings available

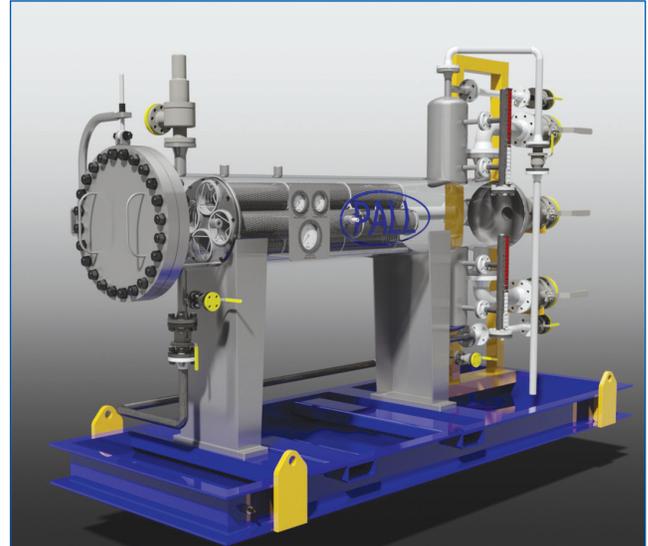
¹ For complete details, request a design package.

Materials of Construction

- Vessel: 316L Stainless steel
- Piping: 316L Stainless steel
- Base frame: Carbon steel painted
- Housing closure gasket: 316L SW graphite filled

Applications

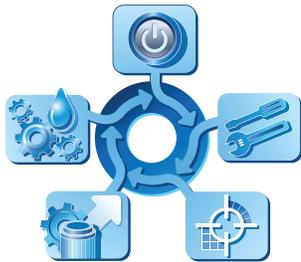
- Remove water from refinery fuels including LPG and gas oil
- Remove hydrocarbon from sour water or rich amine
- Remove caustic from refinery fuels
- Can be operated as a water washer
- Will accept the following Pall coalescer technologies: PhaseSep, PhaseSep HE, AquaSep Plus, AquaSep XS, and AquaSep EL
- Remove water from fuels to protect catalyst beds
- Remove water from steam stripped diesel



9-Around Simplex Coalescer rental skid



Protect. Renew. Optimize.



For rental inquiries, please contact
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