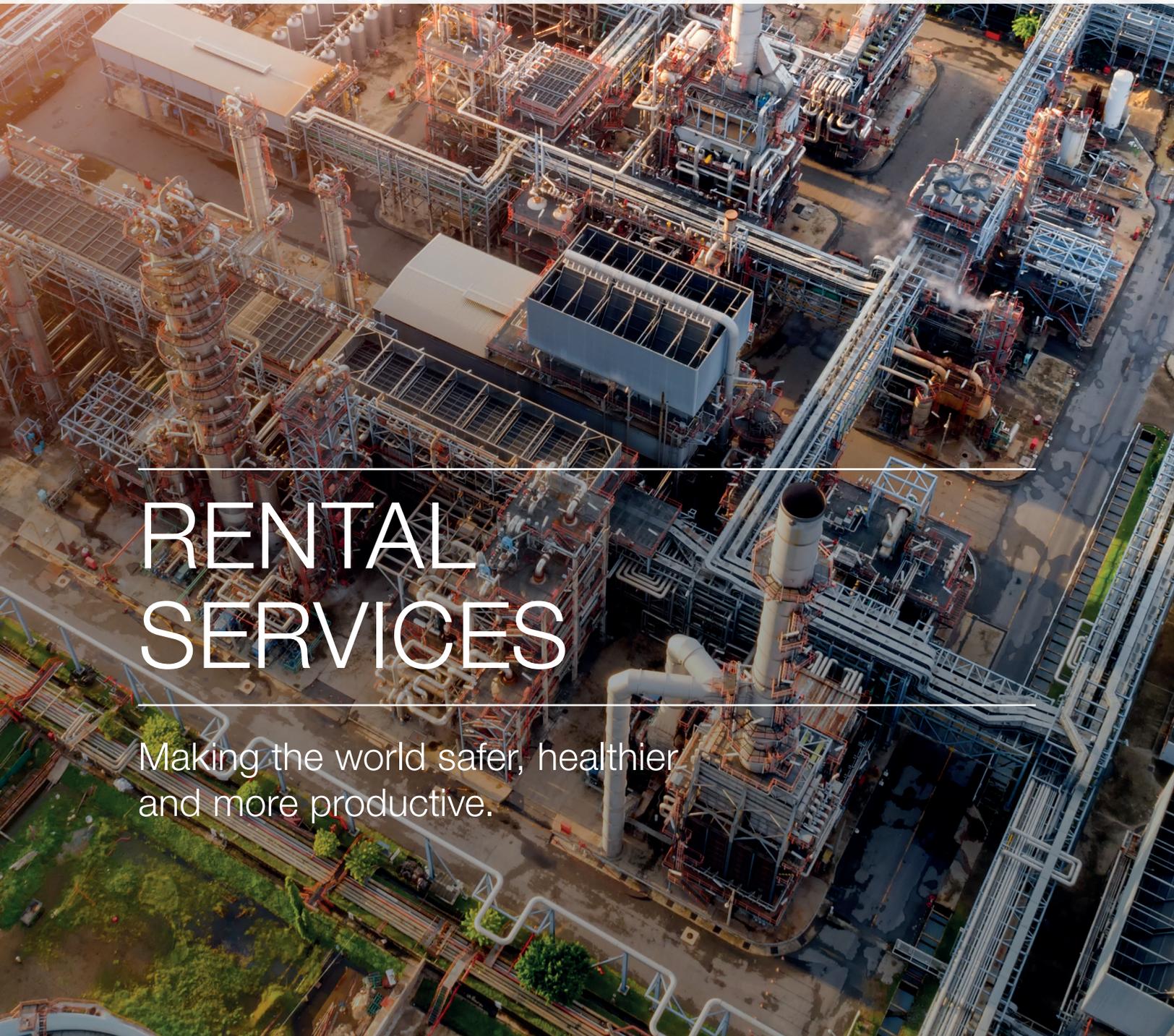




**JONELL** SYSTEMS™  
Filtration Group®



# RENTAL SERVICES

Making the world safer, healthier  
and more productive.

# JONELL SYSTEMS™

Jonell Systems, a Filtration Group brand, partners with oil, gas, refining, chemical and power companies worldwide to address end to end filtration challenges to improve process safety, reliability, productivity and ultimately business profitability. We manufacture complete systems, vessels and a wide range of cartridges to optimize your filtration processes. This coupled with our technical expertise, allows us to solve even the most challenging filtration applications.

Jonell Systems has a long history of developing innovative cartridges for the oil & gas industry including the two piece Twist-LOK™ cartridge for gas coalescing which allows customers to be able to change only half of the cartridge as needed thus reducing the total cost of ownership for the solution.

Jonell Systems also introduced SentinelTL™, a horizontal gas coalescer with 10X greater solid capacity, 35X greater liquid capacity to deliver up to 40% cost savings for customers.

**As a part of Filtration Group, the world's fastest growing filtration company, it is our mission to make the world safer, healthier and more productive.**



We understand our customers rely on our knowledge, expertise and experience for innovative filtration solutions.

Customers depend on us – we deliver.

Our brands include:



# VESSEL SYSTEMS

Jonell Systems Rental Vessels are designed to help optimize the performance and reliability of our clients' process systems. Our vessels are engineered for liquid applications with high flow rates. The most common applications include systems removing solid and semisolid contaminants from hydrocarbon feed, amine, glycol, cooling water, finished products. The solution is ideal for applications requiring particulate removal from liquids and heavy solids loading in refining, petrochemicals, terminals, pipelines, oil production, etc.



All our high flow vessels are designed to ASME Code. Units are skid mounted with quick opening closures to meet refinery requirements and element accessibility ensuring minimum downtime during element change outs. Our horizontal housings are designed to minimize pressure drop and allow easy filter cartridge replacements.

## Vessel Features

- Designed to ASME Code Standards, Section VIII, Division 1
- ANSI 600 Pressure Ratings up to (1200 psig @ 500° F)
- Quick opening enclosures
- Skid mounted for easy transportation and handling
- Designed to complement Jonell Systems Liquiplate HF Series Elements
- Available in three sizes: Single Element Housings / Three Element Housings / Seven Element Housings

## Typical Applications

- Hydrocarbon Feed
- Amine
- Glycol
- Cooling Water
- Finished Products

## Typical Industries

- Refining
- Petrochemicals
- Pipelines
- Terminals
- Oil Production

# LIQUIPLEAT™ HF HIGH FLOW FILTER ELEMENTS

## HIGH EFFICIENCY

Liquiplate™ HF Series Elements are high flow filters designed for the Jonell Systems Rental Pressure Vessels to ensure optimal performance and reliability.

This high-efficiency, "inside-to-outside" flow direction liquid filtration element is engineered for applications with large flow requirements. The large diameter, large surface area, pleated cartridges are customizable and designed to provide the optimum combination of particle removable and contaminant holding capability.

## HIGH PERFORMANCE

To suit your specific application, Liquiplate™ HF Series Elements are available in various grades of absolute rated high performance micro-fiberglass, polyester, polypropylene, cotton, cellulose, and Nomex® media.

This pleated style technology is supported with robust steel, nylon, or polypropylene end caps. The media is attached to the end caps by thermal bonding or a highly resistant adhesive to prevent any possibility of by-pass. Various options in outer cartridge encasements are available to protect the pleat integrity assuring even flow and contaminant distribution across the effective surface area of the filter cartridge.

Due to the "inside-to-outside" flow direction, the positive sealing of this cartridge style does not require individual sealing assemblies for each cartridge as commonly seen in traditional cartridges.

The primary focus of the Liquiplate™ HF Series design is to provide absolute rated efficiencies without compromising the element service life. To achieve this, we select filtration media with exceptional contaminant holding properties, but comparatively low flow resistance.

**To find out more about our rental fleet, contact Jonell Systems today!**



**JONELL** SYSTEMS™  
Filtration Group®

Scan QR Code to find our locations



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