



**JRS**™

**JONELL RENTAL SERVICES**

A FILTRATION GROUP COMPANY



# VESSEL SYSTEMS

JRS™ Rental Vessels are specifically designed to help optimize the performance and reliability of our clients' process systems. Our vessels are designed for utilization in liquid applications with high flow rates. Among the most common applications are systems removing solid and semi-solid contaminants from produced water, wastewater, pipeline fuels, cooling water, utility water, and many other applications requiring particulate removal from liquids and heavy dirt loading. Typical industry uses include; refining, petrochemicals, terminals, pipelines, oil production, etc.

All of our high flow vessels are designed to ASME Code and meet ANSI 600 standards. Units are skid mounted with quick opening closures for ease of use 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 (1480 psig @ 100° F)
- Quick opening enclosures – easily operated by one person
- All vessels are skid mounted for easy transportation and handling
- Designed specifically to complement Jonell's LiquiPleat HF Series Elements
- Available in three sizes:
  - Single Element Housings
  - Three Element Housings
  - Seven Element Housings



## TYPICAL APPLICATIONS

- Process Water
- Wastewater
- Cooling Water
- Utility Water
- Pipeline Fuels

## TYPICAL INDUSTRIES

- Refining
- Petrochemicals
- Pipelines
- Terminals
- Oil Production

# LIQUIPLEAT™ HF

HIGH FLOW FILTER ELEMENTS

## HIGH EFFICIENCY

LiquiPleat™ HF Series Elements are high flow filters specifically designed for the JRS Rental Pressure Vessels to ensure optimal performance and reliability. This high-efficiency, “inside-to-outside” flow direction liquid filtration element is designed 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, LiquiPleat 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 LiquiPleat 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.

FOR TECHNICAL SPECIFICATIONS  
VISIT OUR WEBSITE:

[WWW.JONELLINC.COM](http://WWW.JONELLINC.COM)







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