

# Daniel V707 Spring Loaded Back Pressure Valve



The V707 Spring Loaded Back Pressure Valve offers an innovative way to maintain back pressure while providing an integrated check functionality combining two valves in one, requiring no pilots or external actuation.

By eliminating the pilot in the design, the V707 offers a more stable valve for the crude oil industry that requires less maintenance as it does not get clogged over time with sediment, dramatically reduces the risk of spills, and has a lower cost of adoption.

Daniel V707 integrated check valve:

- Provides higher reliability to the system
- Reduces the complexity
- Minimizes supply chain efforts

## Key Applications:

- Lease Automated Custody Transfer (LACT) Skids
- Pipeline Injection
- Pipeline Packing

## Delivering greater reliability in pipeline applications

Operational Certainty is Emerson's unique methodology aimed to empower operators with the processes and efficiencies needed to reach their top business objectives. The V707 Spring Loaded Back Pressure Valve works to:



The Daniel V707 is designed to improve safety, reduce costs and maintenance, and reduce the risk of spills thereby reducing both environmental risks and exposure to personnel, providing greater confidence that a facility can operate safely within compliance guidelines, aligning with Emerson's Operational Certainty™ initiative.



### Ensure Safety

- Reduce external leak exposure
- Reduce maintenance trips
- Set point locking capable



### Improve Reliability

- Reduced maintenance requirements
- Reduce maintenance trips
- No power required
- Positive shut-off, ANSI Leakage Class VI



### Minimize Emissions

- Avoid external leaks



### Optimize Production

- Higher throughput, less pressure drop
- Full working pressure
- Modular construction

Learn More at [www.Emerson.com/V707ControlValves](http://www.Emerson.com/V707ControlValves)

**DANIEL™**

**Emerson Automation Solutions**  
Daniel Measurement and Control, Inc.  
USA - Houston, Texas T +1.713.467.6000  
©2019 Emerson. All rights reserved.

  
**EMERSON™**