

NOW AVAILABLE

Low Flow Safety Relief Valve

Precision-engineered protection for general purpose tank cars

McKenzie Valve's Low Flow Safety Relief Valve is built for pressure relief in tank car applications. With multiple configurations available, it's your go-to solution for reliable, certified, and fast-fulfillment valve replacement needs—ranging from 75 PSIG to 330 PSIG.

Low Flow Safety Relief Valve Technical Specs

- Set Pressure Range: 75 PSIG to 330 PSIG
- Flow Rate: From 1,202 SCFM to 4,614 SCFM
- Spring Location: Internal
- Body Material: Carbon Steel (CS) or 316 Stainless Steel (SS)
- Spring Material & Finish:
 - Carbon Steel, Uncoated
 - Stainless Steel, Uncoated
- Mounting Flange Options:
 - F1: (4) 7/8 Holes on 6.25" BC Flat Face
 - F2: (4) 3/4 Holes on 6.25" BC Flat Face (75 PSIG ONLY)
 - F3: Small Tongue (4.005 x 4.745 DIA)
 - F4: Large Tongue (6.005 x 6.745 DIA)
- O-Ring Elastomers: Wide range of materials available (See Elastomer Table)
- Special Option: EO – Climax 400S lube and bagged
- AAR-Approved

Benefits

- Pressure ratings up to 330 PSIG
- Multiple flange and elastomer options
- Special lube and bagging available
- Ideal for general purpose rail tank car safety systems
- Fast 3-day lead time for most models

The McKenzie Valve Difference

We aim to deliver safety-critical components with unmatched precision and responsiveness—backed by decades of engineering experience and a relentless focus on customer satisfaction.

- Stocked inventory
- Precision-designed parts
- Flexible customization
- Expert support team



GET IN TOUCH >>>

731-352-5027

info@mckenzievalve.com

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McKenzie Valve & Machining.
A MARMON RAIL COMPANY