
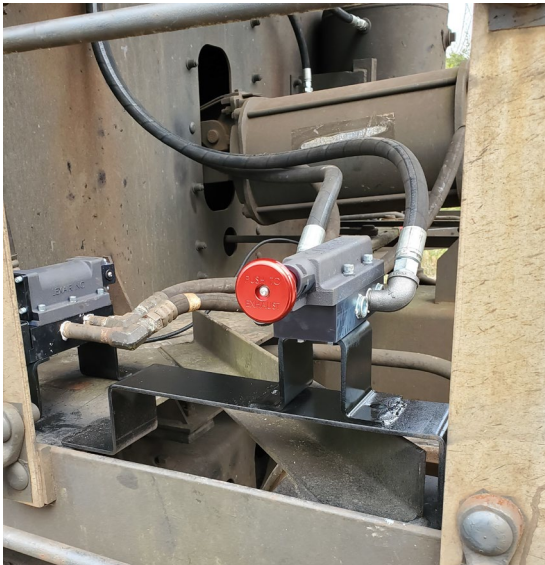

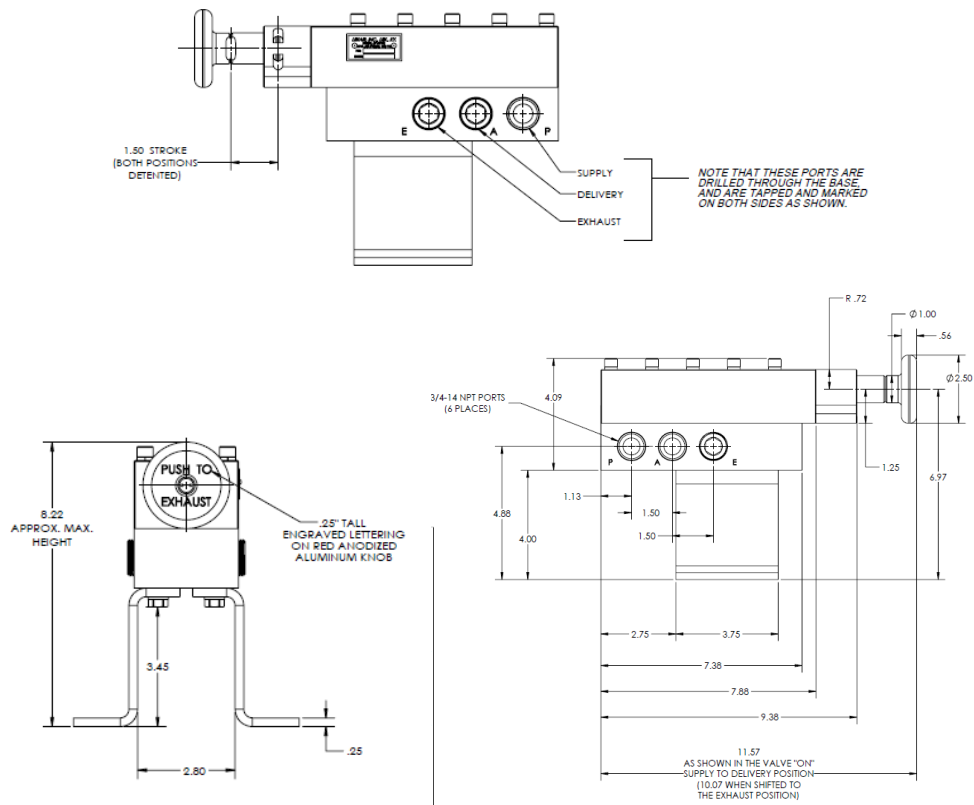


# **Lexair, Inc.**

**Lexair, Inc.** announces the introduction of the **SAF-T-** *isolation valve* bearing **U.S. Patent Number 11,162,593** for use on bottom dump hopper cars of all types. This device allows for the fast and efficient release of hazardous stored energy (compressed air) from the door dump system components (reservoir, filter, valve, cylinder and connecting lines) in one easy motion. Simply push the red knob to exhaust the system. Add a safety pad lock or OSHA approved “LOCKOUT/TAGOUT” hasp for multiple safety locks and the door dump system is depressurized and can safely be accessed for servicing. Once service procedures have been completed, the system is easily re-pressurized by removing the lock or hasp and locks and pulling the knob out. Use of this device is a huge time saver and adds a layer of safety for personnel while servicing or working near the door dump components on a rail car.



The process currently used for removing the hazardous stored energy (compressed air) is cumbersome and requires multiple steps such as shutting off the door dump line supply valve on the car and then opening the reservoir’s manual drain valve (which is often clogged with rust and sediment and requires being cleaned out to function). Once these procedures have been completed, there is no way to “lock out” the system in the exhausted (isolated) condition so there is no layer of safety when using this outdated method. The **SAF-T-** *isolation valve* is based on the same “sliding shoe” design that has been used in our Original Series and Second Generation Railcar Valves for more than 30 years. This design is extremely tolerant of the rust, scale and moisture typically found in railcar airlines. In addition to use on railcars, this valve can be used on any type of outdoor equipment, machinery or device that needs to be safely exhausted of hazardous stored energy (compressed air) per OSHA 1910.147 “LOCKOUT/TAGOUT” procedures.



## Valve Features and Benefits

- High flow design allows rapid release of hazardous stored energy (compressed air)
  - Can easily be retrofitted to any bottom dump car door circuit
  - Can only be locked in the exhausted (safe) position
- Allows compliance with OSHA 1910.147 LOCKOUT/TAGOUT procedures for door dump circuit
- Rugged construction features same sliding shoe design as our Second Generation Railcar Series
  - Base is ported on both sides allowing maximum plumbing flexibility

## Valve Operating Specifications

### Part Number: 4489-701

Max Pressure: 150 PSI

Media: Compressed Air or other inert gases

Temperature Range: -40 F to 200 F

Seal Material: Low Temp Buna-N

Flow Capacity: 7.0 Cv (approximately 250 SCFM)

Port Size: 3/4" NPT (ported on both sides of base)



2025 Mercer Rd. | Lexington, KY 40511  
 859-255-5001 | 859-255-6656 | [www.lexairinc.com](http://www.lexairinc.com)

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