



May 2022

RegO® Field Topics

Globe & Angle Valve Installation & Operation

Field Topics are intended to provide useful information to the network of authorized LP-Gas and Anhydrous Ammonia distributors regarding the proper use of RegO® products. **Warning Bulletins** covering many of the hazards involved are available from RegO for more detailed information. These bulletins can be found in our **L-500, L-102 and NH3-102** catalogs. Neither the Field Topic or the Warning Bulletins are intended to conflict with federal, state, or local ordinances and/or regulations, which should be observed at all times. This information also is not intended to be a substitute for or to supplement any training in the safe handling and use of propane and related equipment, as required by any applicable law. By providing this material, ECI assumes no responsibility for providing any such training. Only individuals properly trained in the safe handling and use of propane and related equipment should be permitted to do so, and by providing this information, ECI does not assume responsibility for providing such training.

For more information on LP Gas system requirements, refer to Liquefied Petroleum Gas Code (NFPA 58), National Fuel Gas Code (NFPA 54), National Propane Gas Association Safety Handbook, the RegO LP-Gas Serviceman's Manual L-545, RegO catalogs L-500/L-102/NH3-102, ANSI K61.1 Safety Requirements for Storage and Handling of Anhydrous Ammonia, as well as any applicable local codes and ordinances.

Globe & Angle Valve Installation & Operation

RegO Globe and Angle Valves are designed and manufactured specially to meet the rigid requirements of the LP-Gas & NH3 industry. These ductile iron valves are available in both threaded and flanged connections. Threaded connections are available in ½" F. NPT to 3" F. NPT sizes. Flanged connections are available in 1½", 2" and 3" pipe sizes.

Containers and pipelines should be thoroughly cleaned before globe and angle valves are installed. Large particles of solid foreign matter can permanently damage the seating surface in the valve body, causing the valve to leak. Use a minimum amount of a suitable pipe dope on the male connecting threads as excess amounts may fall off and be carried into the valve, causing damage to the seat or other operating parts.

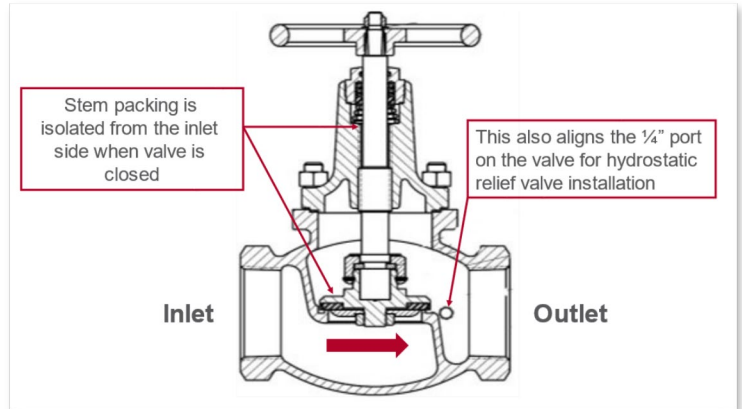
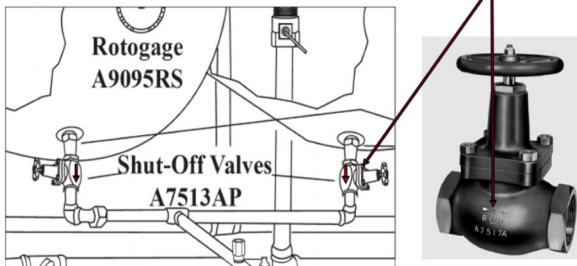
It is unnecessary to use excess force in opening or closing RegO valves. The type of seat disc material used, and the general design of these valves permits them to be opened and closed easily. Proper valve operation ensures a longer service life. Wrenches must never be used to operate valves equipped with handwheels and designed for hand operation. Excessive force can cause damage to internal components and shorten the valve life.



These valves are designed to allow product to flow in either direction when installed. However, it is recommended to install so the arrow on the body is pointing away from the container. In doing so, when the valve is closed, the stem packing is isolated from the container pressure, increasing the valve life.

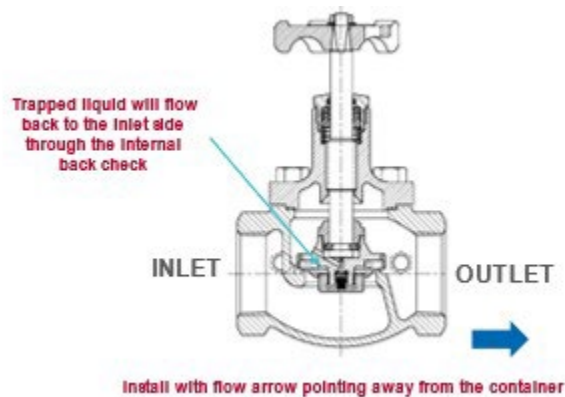
Installation suggestions

Install so the arrow on the body is pointing away from the container. This isolates the stem packing from container pressure when the valve is closed.



These RegO valves incorporate a plugged 1/4" F. NPT pressure tap port on the downstream side of the body for attaching either a pressure gauge, hydrostatic relief valve or vent valve. Some models contain an additional port on the upstream side.

RegO HA7500 series 2" & 3" globe and angle valves incorporate an automatic integral back check that is designed to allow flow back into the inlet portion of the valve assembly. When properly installed, this design prevents liquid from being trapped between the valve outlet portion of the piping system, thereby eliminating the need for additional hydrostatic relief valves.





Should you have any questions or concern, please contact me.

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