



Isolation Valve Assemblies

Hydro Instruments offers a variety of isolation valve assemblies for use with Chlorine, Sulfur dioxide and Ammonia gases. These isolation valves aid in keeping pressurized gas lines safer and easier to use. They can also be used to move the vacuum regulator away from the cylinder for ease of use or when mounting may be an issue. Below is the complete line of Hydro Instruments isolation valves.

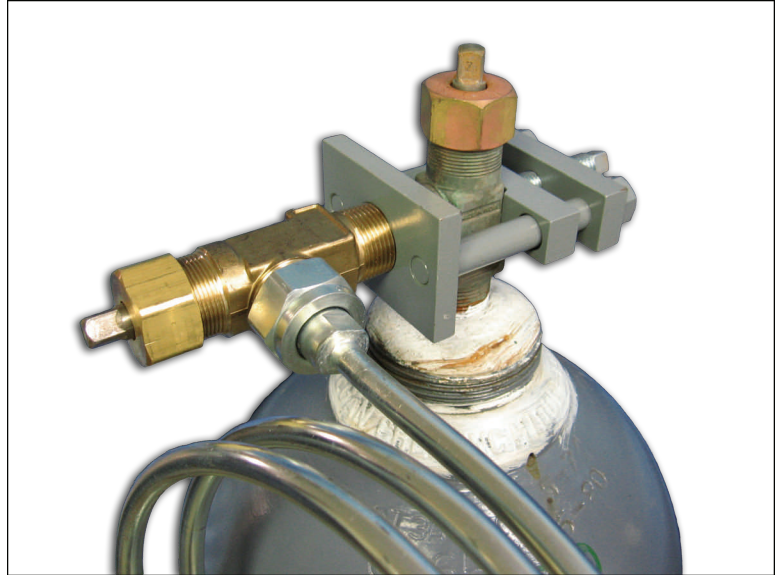
IVH-100-500 Isolation Valve

The IVH-100-500 isolation valve helps to make pressurized gas lines safer and easier to use by isolating the pressurized line from the gas source. This isolation valve is primarily used in manifold systems and eliminates the need to draw down the entire system before replacing depleted gas cylinders or ton containers.

The use of the isolation valve greatly reduces the likelihood of failure of the flexible connector solder joint since the flexible connector will not need to be disconnected when chlorine containers are changed.

Features:

- Specially modified cylinder valve to allow the use of a standard lead gasket.
- Epoxy powder coated closed yoke for durability and corrosion resistance.
- Usable on 150 lbs. cylinders or ton containers.



IV-830 Isolation Valve

The IV-830 provides an auxiliary chlorine valve for 150 lb cylinder, ton container or manifold applications. The YAH-705 closed yoke assembly (used in the IV-830) is specifically designed to accommodate commonly used valve shutoff actuators. This assembly can also be used to locate a vacuum regulator up and away from non-standard (or improperly-prepared) upright cylinders. An optional 2" outlet extender (YAH-318) is available for installations where greater spacing is required between the yoke and the elbow.

Features:

- Industry standard cylinder valve.
- Closed yoke design with closed yoke adapter
- Yoke and Elbow are machined from solid material for maximum safety.
- Usable on upright cylinders, ton containers and manifolds.



All of the Hydro Instruments isolation valves utilize industry standard gas cylinder valves for compatibility. These valves are rated at 500 psi. maximum working pressure, are capable of up to 2,000 cycles and can be easily serviced, making them great for continuous duty and durability.

Check out the reverse side to see the isolation valve for ammonia gas.



Ammonia Isolation Valve Assembly

Hydro Instruments offers a variety of isolation valve assemblies for use with Chlorine, Sulfur dioxide and Ammonia gases. The ammonia isolation valves aid in keeping pressurized gas lines safer and easier to use, but also move the vacuum regulator up and away from the cylinder for ease of use or when mounting may be an issue.

IV-1A Ammonia Isolation Valve

The IV-1A isolation valve primarily aids in moving the ammonia cylinder mounted vacuum regulator up and away from the actual cylinder. Ammonia cylinder shapes and sizes can vary from one chemical supplier to the next and it may not be compatible with your ammonia vacuum regulator. The IV-1A is the solution for mounting your ammonia vacuum regulator on such cylinders.

Features:

- 303 stainless steel ammonia cylinder valve.
- Closed yoke design with integrated seal adapter fits ammonia valves easily and perfectly.
- For use on ammonia cylinder valves only.



Available in an open yoke design if desired.

All of the Hydro Instruments isolation valves utilize industry standard gas cylinder valves for compatibility. These valves are rated at 500 psi. maximum working pressure, are capable of up to 2,000 cycles and can be easily serviced, making them great for continuous duty and durability.

Check out the reverse side to see the isolation valves for chlorine and sulfur dioxide gases.