



**High Pressure
Equipment
Company**

**Instructions for Adjusting Factory Set
Relief Valve Settings**

**High Pressure Equipment Company
2955 West 17th Street, Suite 6
PO Box 8248
Erie, PA 16505 USA
814-838-2028 (phone)
814-838-6075 (fax)
www.highpressure.com**

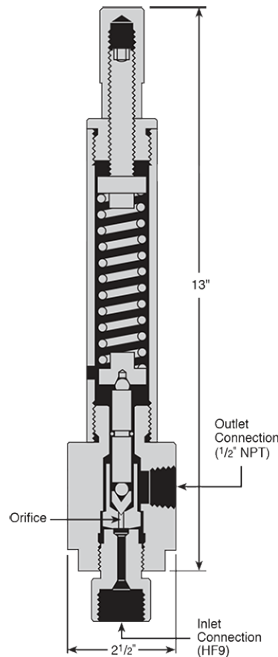
Factory Set Relief Valves

Description:

Relief valves are offered in pressure ranges: 1,500 through 60,000 psi.

Standard materials include 316 stainless steel bodies and removable seat glands with 17-4PH stainless steel removable seats and pistons. Standard O-ring material on the piston is Viton. Valves may be used up to 350° F.

Inlet connections are for 9/16" O.D. tubing (HF9) with adapters for other sizes available. Outlet connections are 1/2" NPT. These valves are not recommended for use below 1,500 psi, and are not readily adjustable in the field without proper test equipment. Pressure settings are made at the factory and valves are tagged accordingly.



Pressure Range	Orifice Size	Type of Service*	Assembly Part No.	Max Flow Capacity H ₂ O (GPM)
1,500 to 2,999 psi	1/4"	GAS OR LIQUID	402633-03	13
3,000 to 10,999 psi	1/4"	GAS OR LIQUID	402633-10	25
11,000 to 20,999 psi	3/16"	GAS OR LIQUID	402633-20	20
21,000 to 30,000 psi	1/8"	GAS OR LIQUID	402633-30	10
30,001 to 45,000 psi	7/64"	GAS OR LIQUID	402633-45	10
45,001 to 60,000 psi	3/32"	GAS OR LIQUID	402633-60	8

*Valves not bubble tight on gas service.

Relief Valve Adjusting Instructions:

Adjusting Instructions:

1. Make sure there is no pressure to the valve.
2. Break and remove the pressure tag wire.
3. Unscrew the cap.
4. Adjust the setscrew clockwise to increase the set pressure or counterclockwise to decrease the set pressure. Recommended adjustment is one full turn at a time maximum.
5. Test the valve by pressuring through the inlet port.
6. Depressurize the valve before making further required adjustments.
7. Replace the cap after adjustment is complete. Rewire the pressure tag. Replace the pressure tag if it reads other than the set pressure.