



JONESBORO FIRE DEPARTMENT

PROTECTING LIVES AND PROPERTY SINCE 1899

3215 EAST JOHNSON AVE, JONESBORO, AR 72401

(870) 932-2428



FIRE MARSHALS' OFFICE

Installation Requirements for Pressure Reducing Valves (PRV's)

In general, good installation practice for PRV's should include a bypass to allow for emergency use of the system or maintenance without shutting off the water supply, a relief valve downstream of the PRV to relieve excess pressure should the PRV malfunction, and pressure gauges both upstream and downstream of the valve for setting and checking the PRV.

Locate all pressure reducing valves in dry, accessible areas, arranged for convenient maintenance and testing.

Adequately sized drain lines (3 in. diameter minimum for combined systems) should be provided to allow for periodic PRV flow testing.

To reduce the possibility of foreign material becoming lodged in the valves, pressure reducing valves should be installed in a horizontal orientation with the stem up. The installation site should be accessible. Provide sufficient clearance to allow proper operation and maintenance of the valves; this is particularly important with rising stem valves.

Some direct-acting pressure reducing valves are tagged with a "set pressure" and must be installed at the factory-designated floor; this tag should not be removed nor should the valve be installed in any other location without factory agreement.

Any special tools required to adjust the setting of field-adjustable direct-acting pressure reducing valves should be maintained available on-site.