How to use the valves

The valves are capable of adjustment to provide a range of the outlet pressures under flowing condition only.

Determining the proper outlet pressure

1- The valves are reducing the downstream water pressure under flowing (residual) condition only.
2- The valve should not be set to provide less than the minimum pressure required by NFPA 14 while flowing 250 GPM for 2 1/2 inch size and 100 GPM for 1 1/2 inch size.
3- The valves are capable of adjustment to provide a range of the outlet pressures under flowing condition only.

Installation

1- Pipe unions or rubber-gasketed fittings are to be installed immediately up-stream and downstream of the valve to permit easy replacement.
2- To determine the pressures at the hose nozzle, the hydraulic calculation information provided in NFPA Fire Protection Handbook should be followed.
3- The valves are designed and Listed to reduce inlet pressures under flowing conditions: see the enclosed graphs. Authorities having jurisdiction should be consulted to confirm that the outlet pressures and flowrates are acceptable.

Technical features

The graphs are referred only to the indicated conditions of flow and pressure, as tested at Giacomini test station. Should the local codes or the designing Engineer require graphs for different conditions, or the test procedure on the field is specified, please contact the factory or your local representative for alternate graphs to suit field conditions.

Note that some fire hose nozzles may not operate properly when valve outlet pressure is set at the 100 PSI minimum authorized in the 2007 edition of NFPA 14.

WARNING!

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