FIELD ADJUSTABLE REDUCING / FACTORY SET REDUCING / PRESSURE RESTRICTING / ANGLE HOSE

STANDPIPE VALVES

Designed for flow efficiency, ease of install and rapid deployment, the Elkhart Brass standpipe valves offer the reliability and versatility required for modern high-rise and standpipe fire protection applications. These valves have major global and regional certifications in UL, FM and City of New York approval and comply with NFPA 14 requirements.



URFA™ Field Adjustable Pressure Reducing Valves

The Elkhart Brass URFA™ field adjustable pressure reducing valve (PRV) is the original fire ground adjustable valve used worldwide. It provides firefighters the ability to easily adjust valve outlet pressure to ensure adequate reach, safety of the firefighter, and efficient attack and extinguishing of fire. The URFA valve design incorporates the flexibility and reliability required by modern high-rise sprinkler systems and standpipe fire protection applications. The URFA valves are UL Listed and City of New York Fire Department approved.

- Support up to 400 psi (27.6 BAR) inlet pressure under both flow and static conditions
- Easy to operate with less than 15 ft/lbs to open/close or adjust pressure setting
- Gauge taps for ease of pressure gauge install, and supervisory switch for tamper proofing
- 2.5" FNPT inlet
- 2.5" FNPT and NHT outlet
- Angle and straight valve options



UR Factory Set Pressure Reducing Valves

The Elkhart Brass UR factory set pressure reducing valve is designed to operate automatically via inner hydraulic controls without diaphragms, springs or outside control mechanism. The action of the pressure reducing valve is completely dependent on the conditions at the nozzle or sprinkler system. The UR valves are UL Listed.

- Support up to 400 psi (27.6 BAR) inlet pressure under both flow and static conditions
- Most flow efficient of its class supporting up to 500 gpm (1900 LPM) flow rate
- Brass construction allows for use in corrosive and non-corrosive environment applications
- 1.5" and 2.5" FNPT inlet
- 1.5" and 2.5" FNPT and NHT outlet



UP Pressure Restricting Valves

The Elkhart Brass UP pressure restricting valves design enables a range of valve outlet pressures adjustment under flowing condition. The UP valves are both factory and field settable and are available in 1.5" and 2.5" inlet/outlet sizes and offered in angle style with NPT and NHT threading options. The UP valves are UL Listed and FM Approved.

- Compact size enables ease of installation
- Support up to 400 psi (27.5 BAR) static and dynamic pressure
- Supports up to 500 gpm (1900 LPM) flow rate
- Brass and bronze construction enable use in corrosive and non-corrosive environment
- 1.5" and 2.5" FNPT inlet
- 1.5" and 2.5" FNPT and NHT outlet



U Angle Hose Valve

The Elkhart Brass U angle valves are used in firefighting piping systems as Fire Department outlet connection or Fire Hose Rack assembly connection. They are available in 1.5" and 2.5" inlet/outlet sizes and offered in angle style with NPT and NHT threading options. The U valves are UL Listed and FM Approved.

- Compact size enables ease of installation
- Support up to 300 psi (20.6 BAR) static and dynamic pressure
- Supports up to 500 gpm (1900 LPM) flow rate
- Brass and bronze construction enable use in corrosive and non-corrosive environment
- 1.5" and 2.5" FNPT inlet
- 1.5" and 2.5" FNPT and NHT outlet

URFA™ FIELD ADJUSTABLE PRESSURE REDUCING VALVES



Elkhart's patented URFA™ valve is a true pressure reducing valve operated automatically by inner hydraulic controls. While the valves are pre-set at the factory, they are field adjustable, allowing the user to manually adjust the pressure. The URFA features manual valve open and close, as well as pressure adjustment, all of which require extremely low torque to change. Inlet pressure up to 400 psi (27.6 BAR) is controlled under all-flow and no-flow conditions. Valve size and weight permit installation in significantly tighter areas and smaller hose cabinets (those used for 1.5" or 2.5" valves) allowing savings of both space and money. The URFA also functions as a floor control valve in automatic sprinkler systems as well as a standpipe valve or hose valve for Class I and Class III systems.

FEATURES:

- Reduces pressure under flow and no-flow conditions
- Static pressure rated up to 400 psi (27.6 BAR)
- Flow rated up to 500 gpm (1900 LPM)
- Low torque manual open/close requires less than 15 ft/lbs
- 4 pressure gauge taps on both inlet and outlet sides
- Compact valve design enables small constraint installation
- 180° view of open/close indication
- Color-coded pressure adjustment indicator
- Optional supervisory switch for "OPEN TO SIGNAL" or "CLOSE TO SIGNAL"
- UL Listed and City of NewYork Fire Department approved
- Complies with NFPA 13 and NFPA 14



URFA-20

- 2.5" female NPT inlet x 2.5" female NPT
- Rough Brass finish



URFA-20S

- 2.5" female NPT inlet x 2.5" female NPT
- Rough Brass finish



URFA-25

- 2.5" female NPT inlet x 2.5" male NHT
- Rough Brass finish



UR FACTORY SET PRESSURE REDUCING VALVES



Elkhart's Pressure-Matic® is a true pressure reducing valve, operated automatically by inner hydraulic controls. No diaphragms, springs or outside controls are involved with the unit, the action being completely dependent upon conditions at the nozzle or sprinkler system. Elkhart Brass offers 18 different valve pressure types/ranges for building systems. Inlet pressure up to 400 psi (27.6 BAR) is controlled under all flow and no-flow conditions. The UR valve series may be used as a standard shut-off. The valves are completely tamperproof. They fit all existing cabinets where 1.5" or 2.5" valves are currently in use.

PRESSURE-MATIC® VALVE USES:

- Floor Control Valve
- Standpipe System
- Automatic Sprinkler Systems
- UL Listed as a check valve for use in dual riser systems

UR-30-1.5
- 1.5" female NPT inlet x 1.5" female NPT
- Rough Brass finish



UR-30-2.5
- 2.5" female NPT inlet x 2.5" female NPT
- Rough Brass finish

UR-35-1.5
- 1.5" female NPT inlet x 1.5" male NHT
- Rough Brass finish



UR-35-2.5
- 2.5" female NPT inlet x 2.5" male NHT
- Rough Brass finish

UR-30S-2.5
- 2.5" female NPT inlet x 2.5" female NPT
- Rough Brass finish



UP PRESSURE RESTRICTING VALVES



Pressure restricting valves from Elkhart Brass all feature rugged cast brass construction in your choice of finishes. The pressure restricting valves feature rubber seats and are rated for use at 175 psi (12 BAR). Although factory setting is recommended, all the pressure restricting valves are field settable.

FEATURES:

- Reduce pressure under flowing conditions
- Allow fire departments to override settings in emergency conditions
- UL Listed and FM Approved

UP-30-1.5

- 1.5" female NPT inlet x 1.5" male NHT

OR

- 1.5" female NPT inlet x 1.5" female NPT
- Specify 175 psi (12 BAR) or 300 psi (20.7 BAR)
- Rough Brass finish

UP-35-2.5

- 2.5" female NPT inlet x 1.5" male NHT

OR

- 2.5" female NPT inlet x 1.5" female NPT
- Specify 175 psi (12 BAR) or 300 psi (20.7 BAR)
- Rough Brass finish

U ANGLE HOSE VALVES



The Elkhart Brass U angle valves are used in firefighting piping systems as Fire Department outlet connection or Fire Hose Rack assembly connection. They are available in 1.5" and 2.5" inlet/outlet sizes and offered in angle style with NPT and NHT threading options. The U valves are UL Listed and FM Approved.

FEATURES:

- Compact size enables ease of installation
- Support up to 300 psi (20.70 BAR) static and dynamic pressure
- Supports up to 500 gpm (1900 LPM) flow rate
- Brass and bronze construction enable use in corrosive and non-corrosive environments
- 1.5" or 2.5" FNPT inlet
- 1.5" or 2.5" FNPT and NHT outlet
- UL Listed and FM Approved

U-30-1.5

- 1.5" female NPT inlet x 1.5" male NHT

OR

- 1.5" female NPT inlet x 1.5" female NPT
- Rated for 300 psi (20.7 BAR)
- Rough Brass finish

U-30-2.5

- 2.5" female NPT inlet x 1.5" male NHT

OR

- 2.5" female NPT inlet x 1.5" female NPT
- Rated for 300 psi (20.7 BAR)
- Rough Brass finish