



Domestic Adjustable Pressure Restricting Angle Valves

Application

- Used where flowing water pressure needs to be controlled

Features

- Restricting valve has no effect on the static pressure of a system
- Can be manually bypassed if required by opening the valve fully, this is accomplished by breaking the breakable link, which allows the valve stem to rise to the full open position
- Breakable link also serves as an indication of valve condition and status; if valve is opened without breaking the link it will resume its previous position and no resetting is necessary
- Restricts only under flow conditions
- Setting charts are packed with valve
- Aluminum handwheel
- Other configurations are available, contact Dixon® for additional information

Specifications

- Maximum operating pressure: up to **175 PSI**
- Preset orifices restrict the volume of water thereby lowering the pressure of the flowing water; NFPA requires restricting valves where inlet pressure exceeds **100 PSI**
- Restricts inlet pressure from **70 PSI** up to a maximum of **175 PSI**
- Restricts down to outlet pressures of **65, 80, or 100 PSI**, outlet pressures may be set below **65 PSI** when authorized by the local authority having jurisdiction

Approvals

- UL listed
- New York City Board of Standards and Appeals, approval # MEA 54-07-E

Female x Male

| Inlet Female NPT | Outlet Male NST (NH) | Cast Brass Part # |
|------------------|----------------------|-------------------|
| 1-1/2" | 1-1/2" | AVAPR150F |
| 2-1/2" | 2-1/2" | AVAPR250F |

Female x Female

| Inlet Female NPT | Outlet Female NPT | Cast Brass Part # |
|------------------|-------------------|-------------------|
| 1-1/2" | 1-1/2" | AVAPRF150 |
| 2-1/2" | 2-1/2" | AVAPRF250 |



Global Adjustable Pressure Restricting Angle Valves

Application

- Used when flowing water pressure needs to be controlled

Features

- Restricting valve has no effect on the static pressure of a system
- Restricting device can be manually bypassed if required by opening the valve fully: pull the pin allowing the yoke to fall back from the valve stem, which allows valve to be fully opened. When valve needs to be restricted again, slide the yoke back into place to be NFPA compliant

Specification

- Preset orifices restrict the volume of water, thereby lowering the pressure of the flowing water; NFPA requires restricting valves where inlet pressure exceeds **100 PSI**

Female x Male

| Inlet Female NPT | Outlet Male NST (NH) | Cast Brass Part # |
|------------------|----------------------|-------------------|
| 1-1/2" | 1-1/2" | AVAPR150F-I |
| 2-1/2" | 2-1/2" | AVAPR250F-I |

Female x Female

| Inlet Female NPT | Outlet Female NPT | Cast Brass Part # |
|------------------|-------------------|-------------------|
| 1-1/2" | 1-1/2" | AVAPRF150-I |
| 2-1/2" | 2-1/2" | AVAPRF250-I |

