Data Sheet

Adjustable Pressure Reducing Angle Valves

This device features a restraining collar and yoke with removable pin that may be removed only if so specified by the local fire department to provide higher discharge pressures.

AVAPR150-I
AVAPR250-I

Female NPT inlet x Male
- female inlet NPT only
- male outlet
- aluminum handwheel
- restricts only under flow conditions
- for use up to 175 PSI
- alloy=DZR brass

available finish:
- cast (standard)
- polished - P
- chrome - C
- rough chrome - RC

AVAPRF150-I
AVAPRF250-I

Double Female
- inlet and outlet NPT only
- restricts under flow conditions only
- aluminum handwheel
- for use up to 175 PSI
- alloy=DZR brass

available finish:
- cast (standard)
- polished - P
- chrome - C
- rough chrome - RC

Dimensions

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Technical Information
Pressure Restricting Valves

• Underwriters Listed
• Restricts inlet pressure from 70 PSI (483 kPa) up to a maximum of 175 PSI (1207 kPa), down to an outlet pressure of 65, 80 or 100 PSI (448, 552 or 690 kPa).
• Outlet pressures may be set below 65 PSI (448 kPa) when authorized by the local authority having jurisdiction.
• NFPA requires restricting valves where the inlet pressure exceeds 100 PSI. Unlike the pressure regulating type of valve, the restricting valve has no effect on the static pressure of a system.

Pressure and Settings Charts

1½"

2½"

This information is only a general guideline. The company reserves the right to change any portion of this information without notice. Terms and conditions of sale apply and are available on request.