



The Right Connection®

## 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.



cast finish shown

## AVAPR150-I

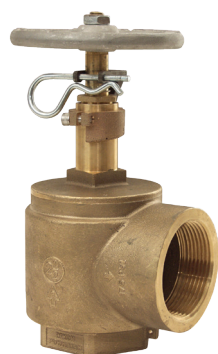
## AVAPR250-I

### 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



cast finish shown

## AVAPRF150-I

## AVAPRF250-I

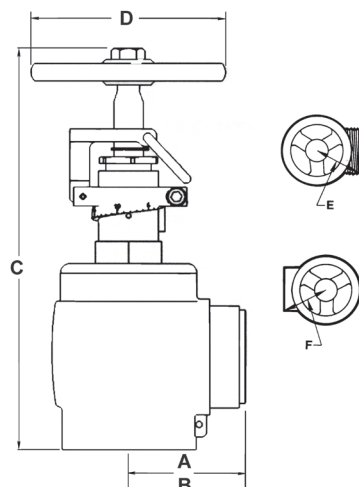
### Double Female

- 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



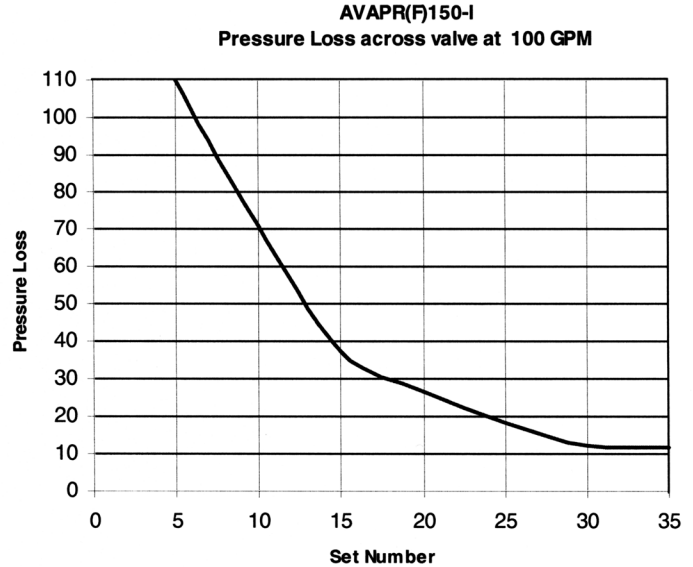
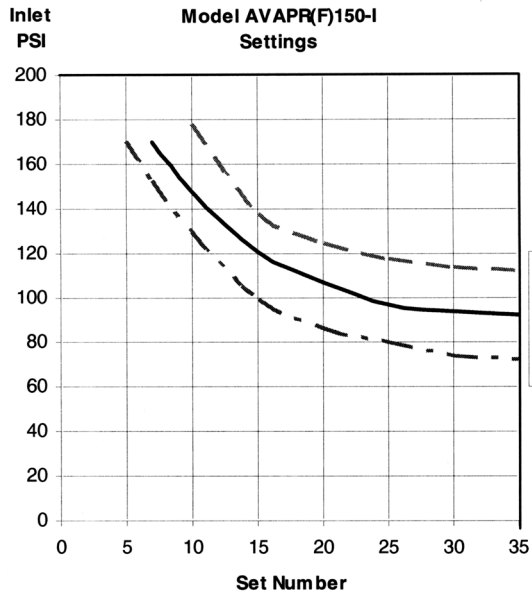
Size	A (male)	B (female)	C (closed)	C (open)	D	E (male)	F (female)	Wt. in Lbs.
1½"	2-7/32"	2-11/64"	7-53/64"	8-39/64"	3-3/4"	2-7/16"	2-13/32"	4.6
2½"	3-7/32"	3-3/16"	9-25/32"	11-13/32"	5"	3-19/32"	3-17/32"	9.6

# Technical Information

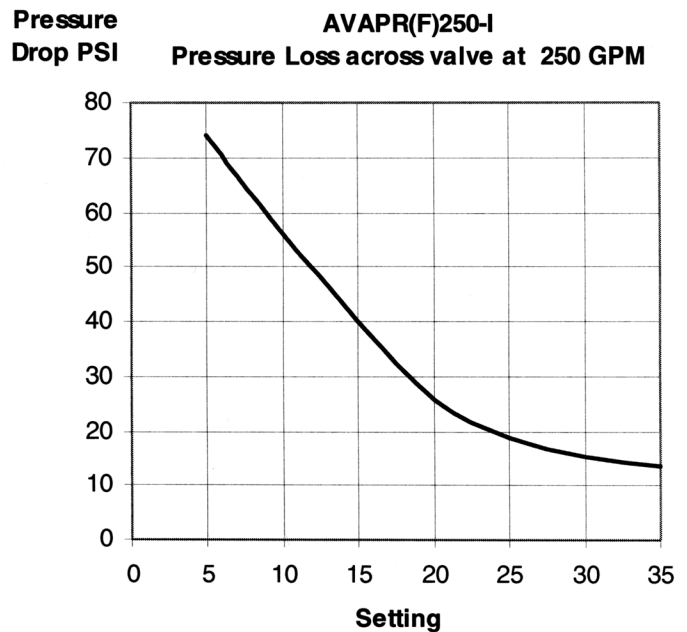
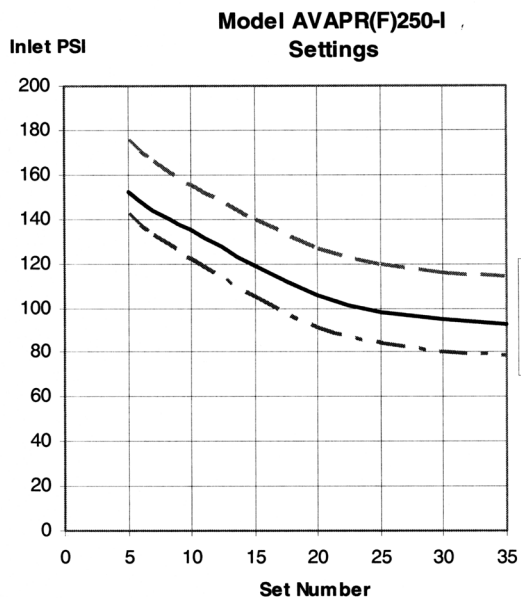
## Pressure Restricting Valves

- 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.

## Dixon Fire

ph: 410.778.2008 • 877.712.6179

fx: 410.778.4702 • 800.283.4966

dixonvalve.com