Data Sheet Global Angle Valves







AV250-F female x male



AVF250-F female x female

Global Angle Valves

Applications

- Class I, II, and III standpipes
- Commercial fire protection
- Hose racks

Sizes

• 1-1/2" and 2-1/2"

Features

- · Other male outlet thread configurations available upon request
- · Female NPT inlet only

Materials

- Body: forged brass
- Handwheel: aluminum
- Available finishes:
 - rough brass (standard) polished= -P chrome= -C

Specification

Maximum operating pressure: 300 PSI at 70°F (21°C)

Approvals

- UL listed
- · FM approved

| Size | Description | Part # | |
|--------|--------------------------------------|----------|--|
| 1-1/2" | NPT female inlet x NPT female outlet | AVF150-F | |
| | NPT female inlet x NH male outlet | AV150-F | |
| 2-1/2" | NPT female inlet x NPT female outlet | AVF250-F | |
| | NPT female inlet x NH male outlet | AV250-F | |

NOTE: Contact Dixon for availability of other thread types and polished or chrome finishes.

Global Angle Valves Technical Information



Pressure and Flow Charts



NOTE: 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.

Resistance of valves to flow of water expressed in equivalent feet of straight pipe (Hazen-Williams "C"=120):

- For 1-1/2" figure 14.0 EQFT of pipe
- For 2-1/2" figure 20.0 EQFT of pipe

Dimensions



| Size | Α | B (open) | B (closed) | С | D | E |
|--------|-------|-------------|---------------|-------|-------|-------|
| 1-1/2" | 3.75" | 7.94" | 6.94" | 2.18" | 1.87" | 3.65" |
| 2-1/2" | 5" | 10.82" | 9.03" | 3.31" | 2.58" | 5.47" |

Dixon 1 Dixon Sq., Chestertown, MD 21620 ph: 877.963.4966 • fx: 800.283.4966 **dixonvalve.com**