



Brass Adjustable Pressure Restricting Angle Valves

18-153 / 18-154

Pressure restricting valves are used when flowing water pressure needs to be controlled. They are angle valves with preset orifices which restrict the volume of water and thereby lower the pressure of the flowing water.

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.

The restricting device can be manually by-passed 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.

The breakable link also serves as a simple indication of the valve condition and status. If the valve is opened without breaking link the valve will resume its previous position and no resetting is necessary.

- Restricts inlet pressure from 70 PSI up to a maximum of 175 PSI and 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. Setting charts are packed with the valve.
- Cast brass with an aluminum handwheel
- U/L listed
- New York City Board of Standards and Appeals approved
- Restricts only under flow conditions
- For use up to **175 PSI**



Angle Valves

Inlet Female NPT	Outlet Male NH (NST)	Dixon Part #	Powhatan Part #
1½"	1½"	AVAPR150F	18-153-00002
2½"	2½"	AVAPR250F	18-153-00003

Inlet Female NPT	Outlet Female NPT	Dixon Part #	Powhatan Part #
1½"	1½"	AVAPRF150	18-154-00001
2½"	2½"	AVAPRF250	18-154-00002



Adjustable Pressure Restricting Device

- Intended for installation on Class I or Class III standpipe system hose outlets
- Use of this device restricts pressure in the piping system to such a degree that hose lines can be handled by persons untrained in the handling of heavy fire streams
- Listed by the New York City Board of Standards and Appeals
- 2½" U/L listed
- Cast brass
- *Note: Restricts under flow conditions only*



Female	Male	WP PSI	Dixon Part #	Powhatan Part #
1½" NH	1½" NH	175	APRD150F	18-255-00102
2½" NH	2½" NH	175	APRD250F	18-255-00011
2½" NYC	2½" NYC		APRD250NYC	18-255-00015
1½" NYFD	1½" NYFD		APRD150NYFD	18-255-00105
2½" NYFD	2½" NYFD		APRD250NYFD	18-255-00019

Other threads and finishes, including chrome plated, are also available. Consult factory for pricing and availability.