

Domestic 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.

Features:

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 the 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.
- U/L listed
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- restricts only under flow conditions
- for use up to **175 PSI**
- material: *cast brass* with an *aluminum* handwheel

Inlet Female NPT	Outlet Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	AVAPR150F	18-153-00002	5
1½"	CT ¹	AVAPR150	---	5
2½"	2½"	AVAPR250F	18-153-00003	12
2½"	CT ¹	AVAPR250	---	12

¹ ___ Customer Thread (*must specify*) refer to legend on page 169

Inlet Female NPT	Outlet Female NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	AVAPRF150	18-154-00001	5
2½"	2½"	AVAPRF250	18-154-00002	12



male x female



female x female

Global Adjustable Pressure Restricting Angle Valves

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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.

Features:

The restricting device can be manually bypassed if required by opening the valve fully. Simply pull the pin to allow the yoke to fall back from the valve stem to allow the valve to be opened fully. When the valve needs to be restricted again, slide the yoke back into place to be NFPA compliant.

Inlet Female NPT	Outlet Male NH (NST)	Part #	Wt. Lbs.
1½"	1½"	AVAPR150F-I	5
2½"	2½"	AVAPR250F-I	12

Inlet Female NPT	Outlet Female NPT	Part #	Wt. Lbs.
1½"	1½"	AVAPRF150-I	5
2½"	2½"	AVAPRF250-I	12



male x female