

Adjustable Pressure Restricting Device

- material: *cast brass*
- 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.
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- 2½" U/L listed
- working pressure: **175 PSI** at 70°F (21°C)



Female Thread	Male Thread	Cast Brass Part #	Powhatan Part #	Wt. Lbs.
1½" NH (NST)	1½" NH (NST)	APRD150F	18-255-00102	3.0
2½" NH (NST)	2½" NH (NST)	APRD250F	18-255-00011	4.3
1½" CT ¹	1½" CT ¹	APRD150 ₁	---	3.0
2½" CT ¹	2½" CT ¹	APRD250 ₁	---	4.4

¹ Customer Thread (*must specify*) refer to legend on page 705

Domestic Cast Angle Hose Valves



18-157 / 18-158

Features:

- U/L listed and FM approved
- material: *cast brass with an aluminum hand wheel*
- working pressure: **300 PSI** at 70°F (21°C)
- alloy B584 specifications
85% copper
5% tin
5% lead
5% zinc

Inlet Female NPT	Outlet Male Thread	Cast Brass Part #	Powhatan Part #	Wt. Lbs.
1½"	1½" NH (NST)	AV150	18-157-00010	4.4
	1½" NPSH	AV150S	18-157-00005	4.4
	1½" NPT	AV150T	18-157-00329	4.4
	1½" CT ¹	AV150 ₁	---	4.4
2½"	2½" NH (NST)	AV250	18-157-00388	9.0
	2½" NPSH	AV250S	18-157-00426	9.0
	2½" CT ¹	AV250 ₁	---	9.0

¹ Customer Thread (*must specify*) refer to legend on page 705



female x male



female x female

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	AVF150	18-158-00004	3.6
2½"	2½"	AVF250	18-158-00055	9.5

Replacement Parts

Description	Part #	Powhatan Part #	Wt. Lbs.
aluminum handwheel for 1½" valve	AV150-W	46-019-01455	.22
aluminum handwheel for 2½" valve	AV250-W	46-019-01456	.32
handwheel nut for 1½" valve	AV150-N	46-011-00948	.01
handwheel nut for 2½" valve	AV250-N	46-011-00947	.01
valve seal rubber for 1½" valve	AV150-RBR	46-012-01415	.03
valve seal rubber for 2½" valve	AV250-RBR	46-012-01416	.10

Dimensions

Size	A	B	C closed	C open	D	F
1½"	2-11/64"	2-7/32"	6-5/8"	7-21/32"	3-3/4"	2-13/16"
2½"	3-3/16"	3-3/16"	9-1/4"	11"	5"	3-19/32"

