



Model PRV-1A

Pressure Reducing Valve



Features & Benefits

- Simple trim configuration
- Factory assembled and fully trimmed
- In-line service
- One pilot valve provides for any outlet "set pressure" thanks to sub-assembly
- UL, ULc Listed and FM Approved

Pilot Operated Pressure Reducing Valve

At-A-Glance

The TYCO® Model PRV-1A Pressure Reducing Valve is factory-assembled and fully trimmed for pressure control. The PRV-1A reduces a higher inlet pressure to a lower outlet delivery pressure in water-filled pipes.

The valve design uses the DV-5A valve body, incorporating the simple diaphragm design, and are available in flange-by-flange and grooved-by-grooved connections.



One moving part provides simple maintenance and operation

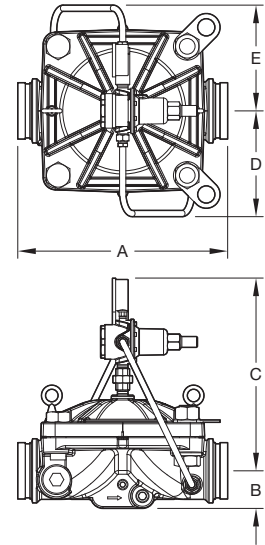
The power behind **your mission**





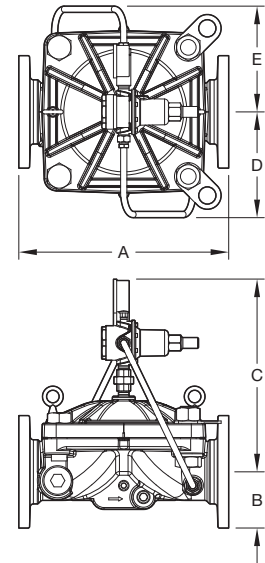
PRV-1A Pressure Reducing Valve

Nominal Valve Size in. (DN)	O.D. Pipe Size in. (mm)	Nominal Installation Dimensions in. (mm)					Approx. Weight lb (kg)
		A	B	C	D	E	
2 (50)	2.88 (60,3)	10-3/16 (260)	2.80 (71,1)	11.09 (281,7)	6.28 (159,5)	8.94 (227,1)	35.0 (15,9)
3 (80)	3.50 (88,9)	13-3/4 (349)	2.95 (74,9)	12.77 (324,4)	7.78 (197,6)	8.94 (227,1)	71.0 (32,2)
4 (100)	4.50 (114,3)	16-3/4 (425)	3.00 (76,2)	14.12 (358,6)	8.44 (214,4)	8.44 (214,4)	106.0 (48,1)
6 (150)	6.50 (165,1)	22-7/16 (569)	4.52 (114,8)	15.41 (391,4)	11.78 (299,2)	10.94 (277,9)	188.0 (85,3)
	6.62 (168,3)						
8 (200)	8.62 (219,1)	27-7/16 (697)	5.29 (134,4)	18.11 (460,0)	14.78 (375,4)	14.44 (366,8)	338.0 (153,3)



Model PRV-1A Pressure Reducing Valve
Groove X Groove End Connections
Nominal Installation Dimensions

Nominal Valve Size Inches (DN)	Nominal Installation Dimensions in. (mm)					Approx. Weight lb (kg)
	A	B	C	D	E	
3 (80)	13-3/4 (349)	4.00 (101,6)	12.77 (324,4)	7.78 (197,6)	8.94 (227,1)	83.0 (37,6)
4 (100)	16-3/4 (425)	4.42 (112,3)	14.12 (358,6)	8.44 (214,4)	8.44 (214,4)	127.0 (57,6)
6 (150)	22-7/16 (569)	5.41 (137,4)	15.41 (391,4)	11.78 (299,2)	10.94 (277,9)	215.0 (97,5)
8 (200)	27-7/16 (697)	6.76 (171,7)	18.11 (460,0)	14.78 (375,4)	14.44 (366,8)	376.0 (170,6)



Model PRV-1A Pressure Reducing Valve
Flange X Flange End Connections
Nominal Installation Dimensions

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Always refer to the Technical Data Sheets TFP1581 and our general T&C of sale for a complete description of all criteria, design parameters, installation instructions, care and maintenance guidelines, and other terms such as our limited warranty.