

SPECIFICATION SHEET MODEL 880 (1/2" - 2")



REDUCED PRESSURE ASSEMBLY

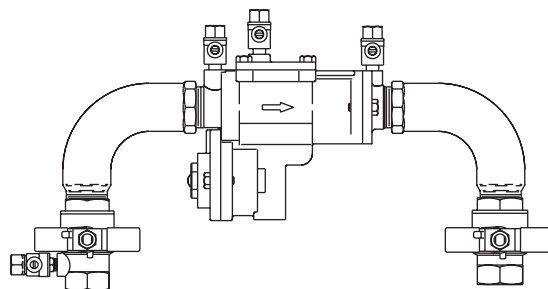
Characteristics

Physical Properties

Size	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"
Max. Working Pressure	175 PSI (1200 KPa)
Hydrostatic Test Press.	350 PSI (2400 KPa)
Temperature Range	32°F to 140°F (0°C to 60°C)
End Connections	Threaded ANSI B2.1

Materials

Valve Body	Bronze
Elastomers	Silicone
Springs	Stainless Steel



MODEL 880 (1/2" - 2") REDUCED PRESSURE ASSEMBLY

Agency Compliance

- ANSI/AWWA Conformance (C511-92)
- ASSE Listed (Std. 1013)

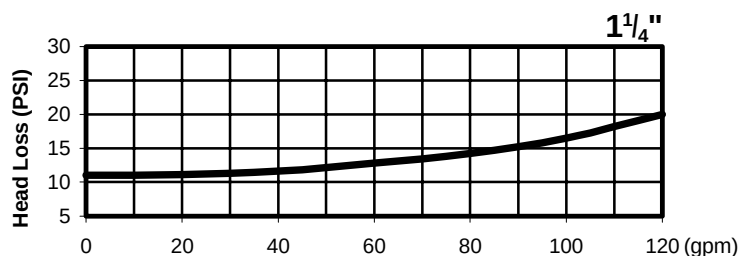
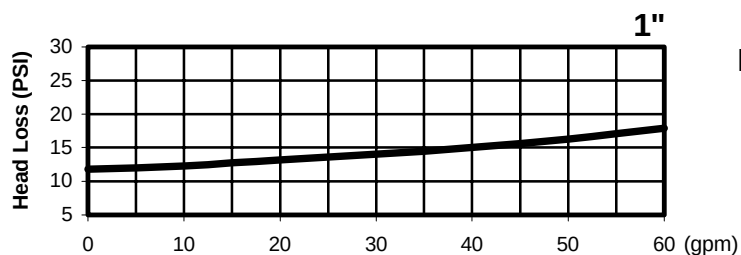
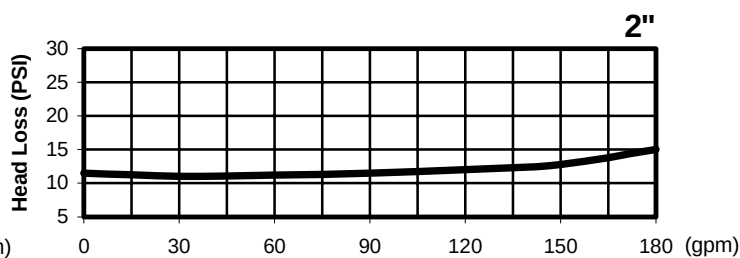
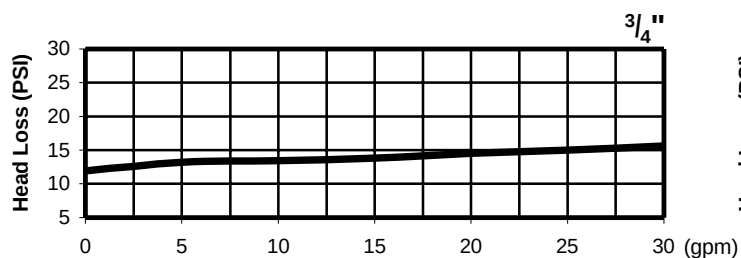
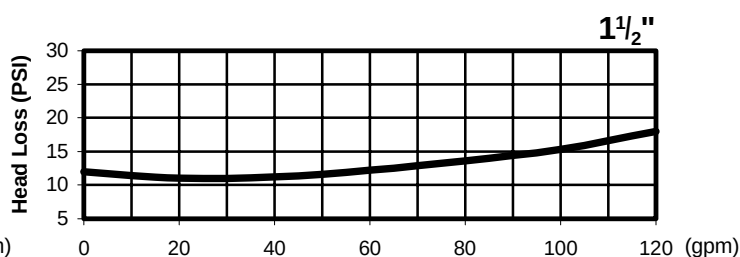
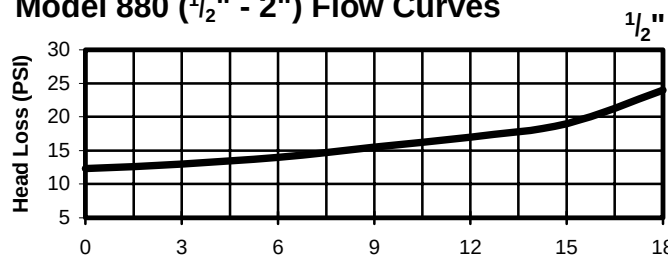
Application

Health Hazard

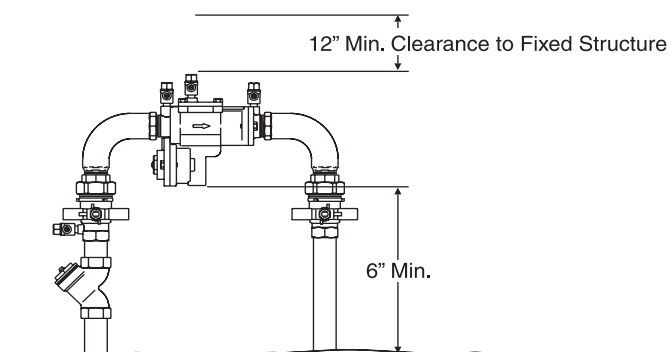
Options

- ☐ Wye - Strainer

Model 880 (1/2" - 2") Flow Curves

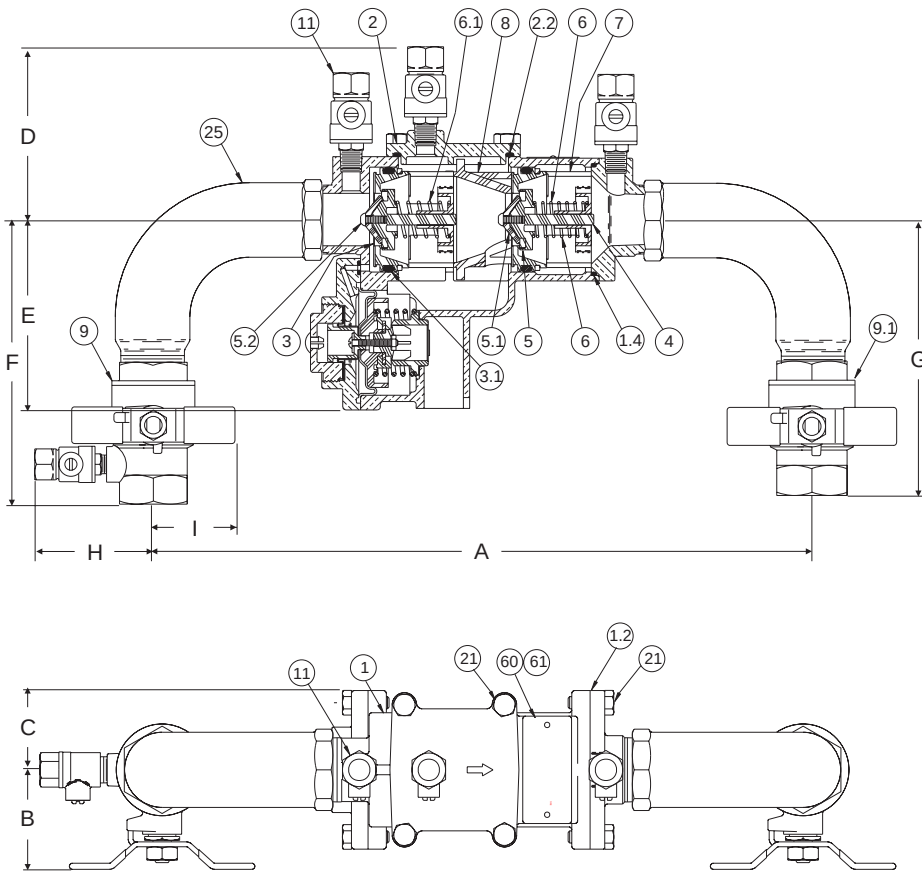


Installation Recommendations



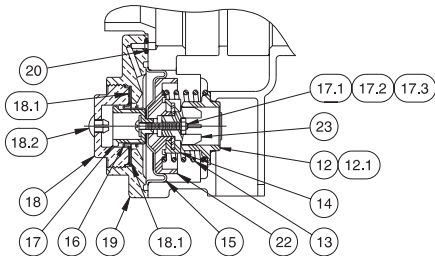
MODEL 880 (1/2" - 2")
Outdoor Installation

Model 880 ($\frac{1}{2}$ " - 2")

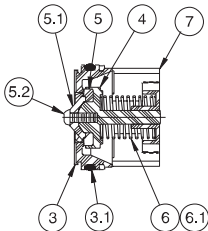


ITEM	DESCRIPTION	MATERIALS
1	Body	Bronze
1.2	Tailpiece	Bronze
1.4	O-Ring	Silicone
2	Cover	Bronze
2.2	O-Ring	Silicone
3	Seat	Noryl
3.1	O-Ring	Silicone
4	Poppet	Noryl
5	Seat Disc	Silicone Rubber
5.1	Disc Retainer	Noryl
5.2	Rnd HD Screw	Phillips, 18-8 SS
6	Spring	SS
6.1	Spring	SS
7	Guide	Noryl
8	Retainer Spacer	Noryl
9	Ball Valve	Bronze
9.1	Ball Valve	Bronze
11	Test Cock	Bronze
12	Seat Ring-RV	Noryl
12.1	Gasket Ring-RV	Silicone Rubber
13	Spring-RV	SS
14	Seat Disc-RV	Silicone Rubber/SS
15	Diaphragm-RV	Rubber/Fabric
16	Outer Diaphragm-RV	Rubber/Fabric
17	Small Piston-RV	Noryl
17.1	Rnd HD Screw	Phillips, 18-8 SS
17.2	Washer	18-8 SS
17.3	Hex Nut	18-8 SS
18	Cylinder-RV	Brass
18.1	Slip Ring-Cylinder	Acetal
18.2	Slide (Plug)	Nylon
19	Cover-RV	Bronze
20	O-Ring	Silicone
21	Hex HD Capscrew	18-8 SS
22	Large Piston-RV	Noryl
23	Guide-RV	Noryl
25	Street Elbow	Bronze
60	Identification Plate	Brass
61	Drive Screw Stick	SS

Relief Valve Assembly



Check Assembly



Dimensions and Weights

SIZE	U.S.-inches (Metric - mm)									NET WT. Lbs. (kgs.)
	A	B	C	D	E	F	G	H	I	
$\frac{1}{2}$ "	10 $\frac{1}{2}$ (266.7)	1 $\frac{1}{2}$ (38.1)	1 $\frac{1}{2}$ (38.1)	3 $\frac{1}{8}$ (79.4)	3 $\frac{1}{2}$ (88.9)	4 $\frac{3}{8}$ (111.1)	4 $\frac{1}{8}$ (104.8)	2 $\frac{1}{8}$ (54.0)	1 $\frac{5}{8}$ (41.3)	6.5 (2.9)
$\frac{3}{4}$ "	11 $\frac{3}{8}$ (288.9)	1 $\frac{1}{2}$ (38.1)	1 $\frac{1}{2}$ (38.1)	3 $\frac{1}{8}$ (79.4)	3 $\frac{1}{2}$ (88.9)	5 (127.0)	4 $\frac{3}{4}$ (120.7)	2 $\frac{3}{8}$ (60.3)	1 $\frac{5}{8}$ (41.3)	7.5 (3.4)
1"	13 $\frac{3}{4}$ (349.3)	1 $\frac{7}{8}$ (47.6)	1 $\frac{5}{8}$ (41.3)	3 $\frac{3}{8}$ (85.7)	3 $\frac{5}{8}$ (92.1)	6 $\frac{1}{4}$ (158.8)	6 (152.4)	2 $\frac{1}{2}$ (63.5)	2 (50.8)	11.1 (5.0)
1 $\frac{1}{4}$ "	17 $\frac{3}{8}$ (441.3)	3 (76.2)	2 $\frac{1}{2}$ (63.5)	4 $\frac{1}{4}$ (108.0)	5 $\frac{5}{8}$ (142.9)	7 (177.80)	6 $\frac{5}{8}$ (168.3)	2 $\frac{5}{8}$ (66.7)	4 $\frac{3}{8}$ (111.1)	22.1 (10.0)
1 $\frac{1}{2}$ "	19 $\frac{3}{4}$ (501.7)	3 (76.2)	2 $\frac{1}{2}$ (63.5)	4 $\frac{1}{4}$ (108.0)	5 $\frac{5}{8}$ (142.9)	8 $\frac{3}{4}$ (222.3)	8 $\frac{3}{8}$ (212.7)	2 $\frac{3}{4}$ (69.9)	6 $\frac{1}{4}$ (158.8)	27.7 (12.6)
2"	19 $\frac{3}{4}$ (501.7)	3 $\frac{1}{2}$ (88.9)	2 $\frac{1}{2}$ (63.5)	4 $\frac{1}{4}$ (108.0)	5 $\frac{5}{8}$ (142.9)	9 $\frac{1}{4}$ (235.0)	9 (228.6)	3 $\frac{1}{8}$ (79.4)	6 $\frac{3}{8}$ (162.0)	33.8 (15.4)

Note: Dimensions are nominal. Allowances must be made for normal manufacturing tolerances.