

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



REDUCED PRESSURE ASSEMBLY

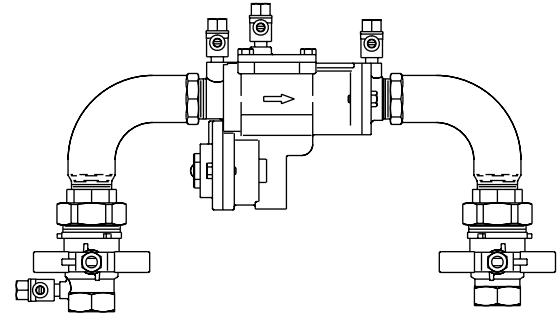
Characteristics

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

Agency Compliance

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

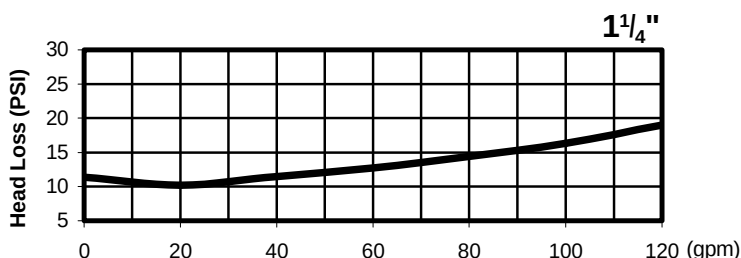
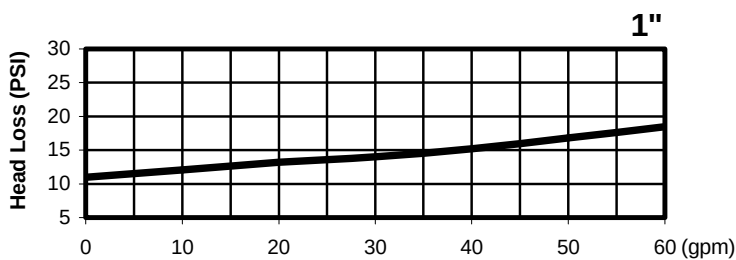
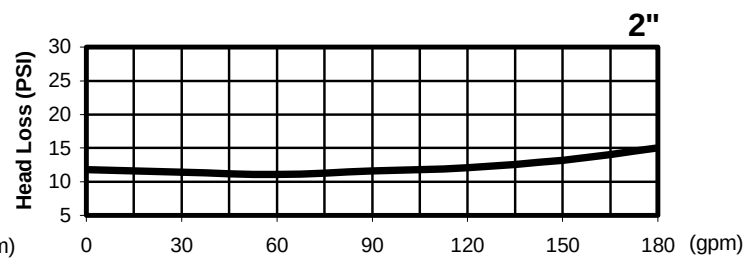
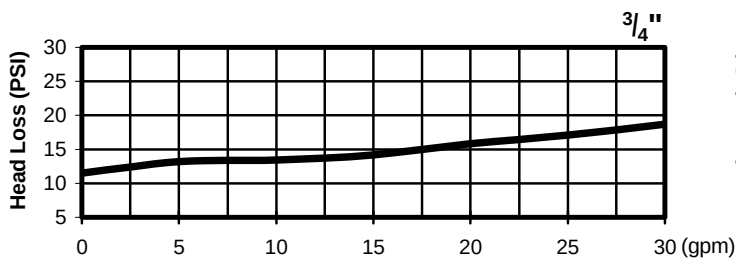
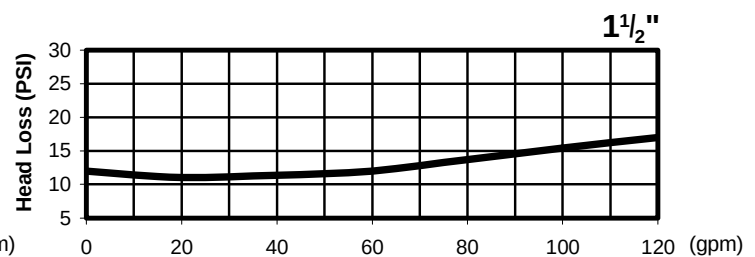
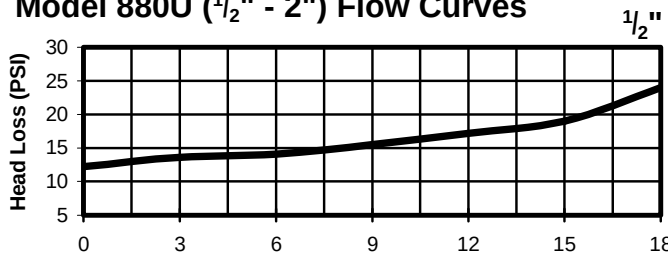
Application

Health Hazard

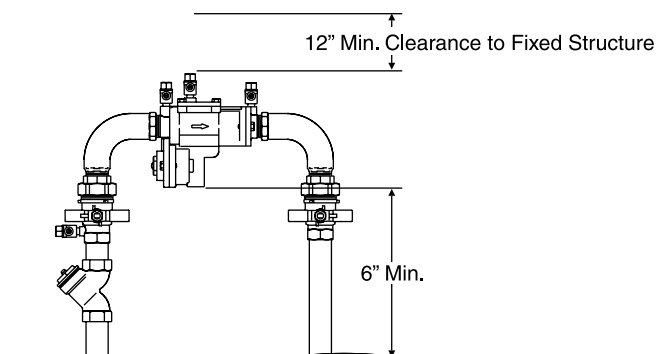
Options

- ☐ Wye - Strainer

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

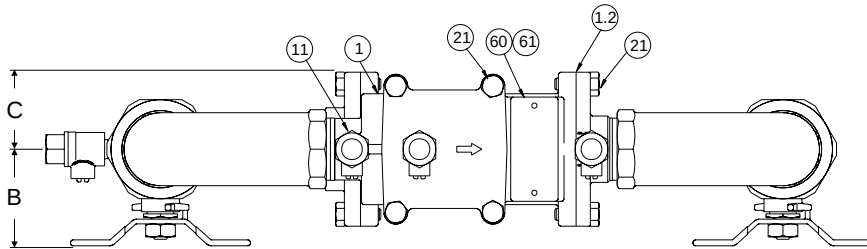
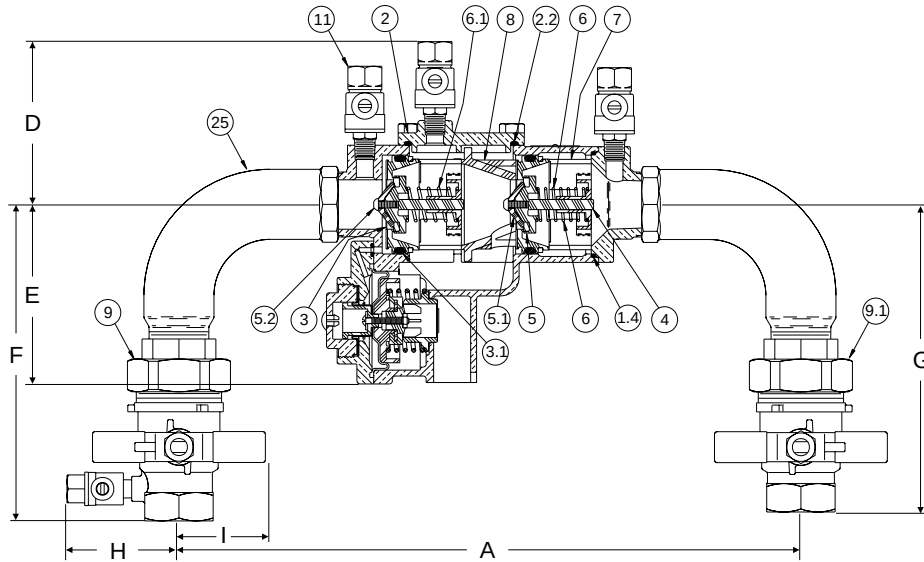


Installation Recommendations



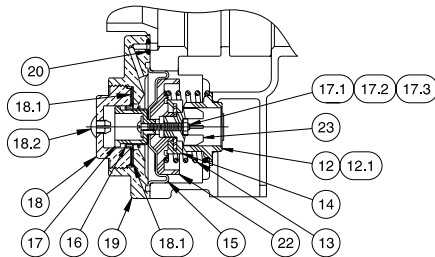
MODEL 880U (1/2" - 2")
Outdoor Installation

Model 880U (1½" - 2")

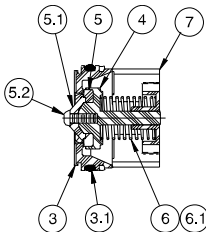


ITEM	DESCRIPTION	MATERIALS
1	Body	Bronze
1.2	Tailpiece	Bronze
1.4	O-Ring	Silicone
2	Cover	Bronze
2.2	O-Ring	Silicone
3	Seat	Noryl
3.1	O-Ring	Silicone
4	Poppet	Noryl
5	Seat Disc	Silicone Rubber
5.1	Disc Retainer	Noryl
5.2	Rnd HD Screw	Phillips, 18-8 SS
6	Spring	SS
6.1	Spring	SS
7	Guide	Noryl
8	Retainer 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. (kg)
	A	B	C	D	E	F	G	H	I	
1½"	10½ (266.7)	1½ (38.1)	1½ (38.1)	3⅞ (79.4)	3½ (88.9)	5 (127.0)	4⅞ (123.8)	2¼ (57.2)	1⅝ (41.3)	7.0 (3.2)
¾"	11⅜ (288.9)	1½ (38.1)	1½ (38.1)	3⅞ (79.4)	3½ (88.9)	5⅞ (149.2)	5⅝ (142.9)	2⅜ (60.3)	1⅝ (41.3)	8.2 (3.7)
1"	13¾ (349.3)	1⅞ (47.6)	1⅝ (41.3)	3⅞ (85.7)	3⅝ (92.1)	7⅞ (181.0)	6⅞ (174.6)	2⅝ (66.7)	2 (50.8)	11.7 (5.3)
1¼"	17⅞ (441.3)	3 (76.2)	2½ (63.5)	4¼ (108.0)	5⅞ (142.9)	7⅞ (200.0)	7⅝ (193.7)	2⅝ (66.7)	4⅜ (111.1)	23.1 (10.5)
1½"	19¾ (501.7)	3 (76.2)	2½ (63.5)	4¼ (108.0)	5⅞ (142.9)	9¾ (247.7)	9⅝ (244.5)	2⅞ (73.0)	6¼ (158.8)	29.3 (13.3)
2"	19¾ (501.7)	3½ (88.9)	2½ (63.5)	4¼ (108.0)	5⅞ (142.9)	10½ (266.7)	10⅞ (263.5)	3⅞ (79.4)	6⅞ (162.0)	35.7 (16.2)

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