

SPECIFICATION SHEET MODEL 860U ($\frac{1}{2}$ " - 2")



Reduced Pressure Assembly with Union End Ball Valves

Characteristics

Physical Properties

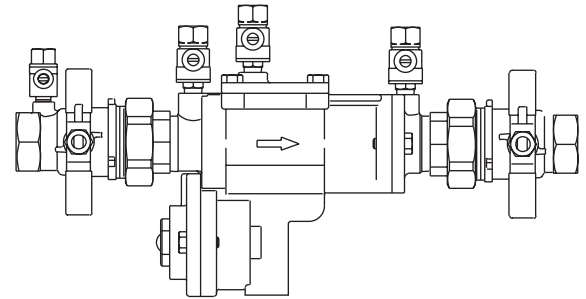
Size	$\frac{1}{2}$ ", $\frac{3}{4}$ ", 1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ ", 2"
Max. Working Pressure	175 PSI (1200 KPa)
Hydrostatic Test Press.	350 PSI (2400 KPa)
Temperature Range	32°F to 140°F (0°C to 60°C)
End Connections	Threaded ANSI B2.1

Materials

Valve Body	Bronze
Elastomers	Silicone
Springs	Stainless Steel

Agency Compliance

- ANSI/AWWA Conformance (C511-92)
- ASSE Conformance (Std. 1013)
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California.



MODEL 860U ($\frac{1}{2}$ " - 2") REDUCED PRESSURE ASSEMBLY

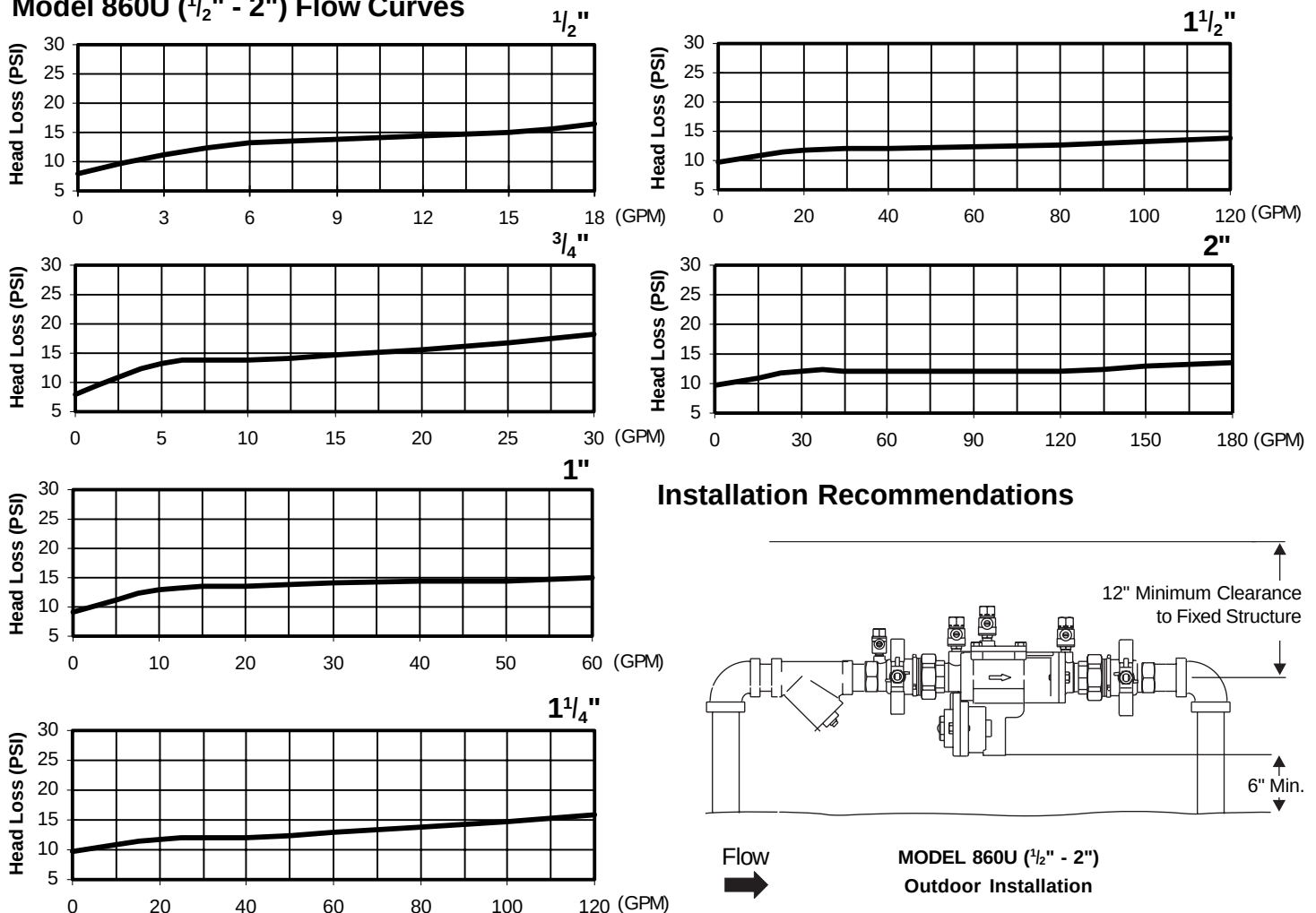
Application

Health Hazard

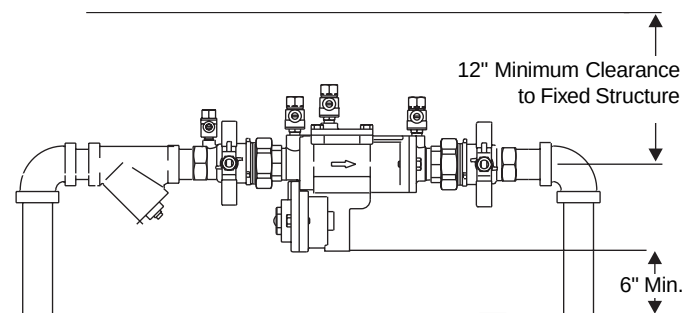
Options

- ☐ Wye - Strainer

Model 860U ($\frac{1}{2}$ " - 2") Flow Curves

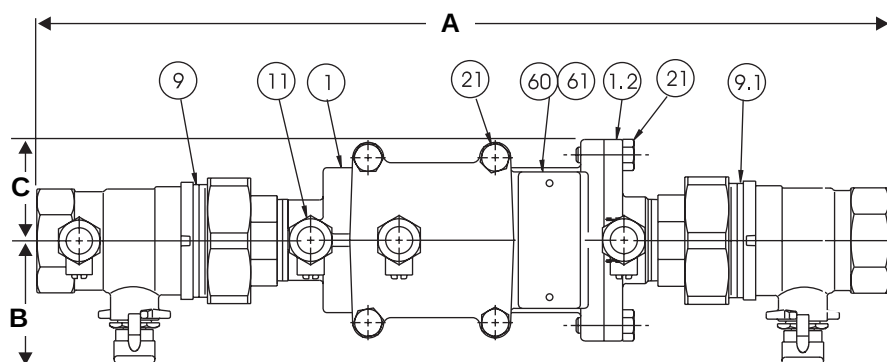
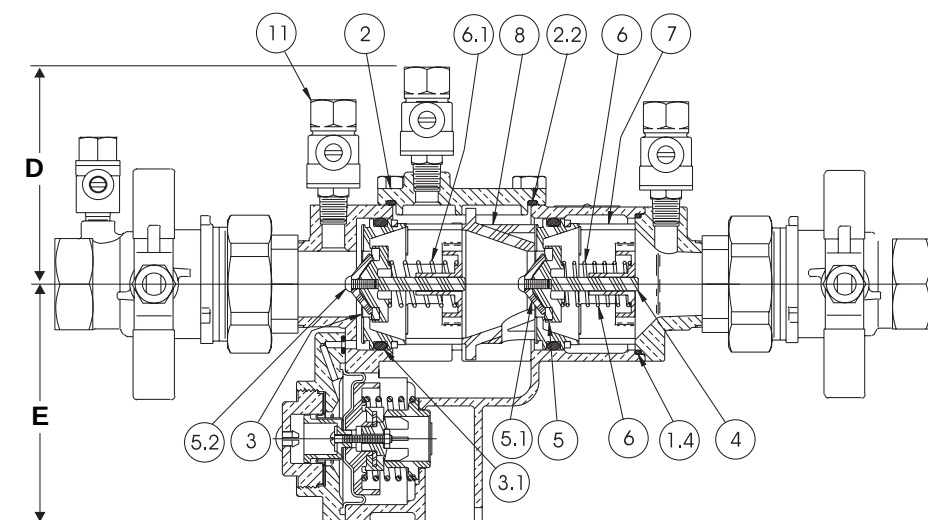


Installation Recommendations

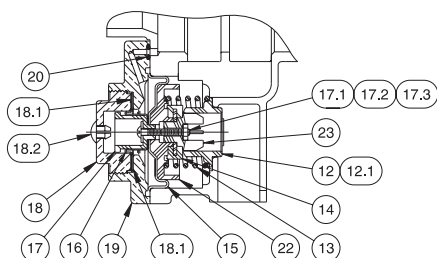


MODEL 860U ($\frac{1}{2}$ " - 2")
Outdoor Installation

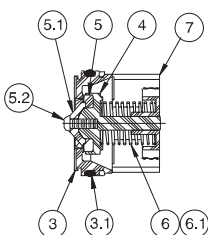
Model 860U (1/2" - 2")



Relief Valve Assembly



Check Assembly



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	Union End Ball Valve	Bronze
9.1	Union End 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
60	Identification Plate	Brass
61	Drive Screw Stick	SS

Dimensions and Weights

SIZE	U.S. - Inches (Metric - MM)					NET WT. Lbs. (Kgs.)
	A	B	C	D	E	
1/2" (12)	11 3/4 (298.5)	1 1/2 (38.1)	1 1/2 (38.1)	3 1/8 (79.4)	3 1/2 (88.9)	6.0 (2.7)
3/4" (20)	12 1/2 (317.5)	1 1/2 (38.1)	1 1/2 (38.1)	3 1/8 (79.4)	3 1/2 (88.9)	6.9 (3.1)
1" (25)	14 5/8 (371.5)	1 7/8 (47.6)	1 5/8 (41.3)	3 3/8 (85.7)	3 5/8 (92.1)	9.3 (4.2)
1 1/4" (30)	18 1/4 (463.6)	3 (76.2)	2 1/2 (63.5)	4 1/4 (108.0)	5 5/8 (142.9)	19.3 (8.8)
1 1/2" (40)	18 7/8 (479.4)	3 (76.2)	2 1/2 (63.5)	4 1/4 (108.0)	5 5/8 (142.9)	22.4 (10.2)
2" (50)	20 1/2 (520.7)	3 1/2 (88.9)	2 1/2 (63.5)	4 1/4 (108.0)	5 5/8 (142.9)	26.9 (12.2)

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