

SPECIFICATION SHEET MODEL 860 (1/2" - 2")



REDUCED PRESSURE ASSEMBLY

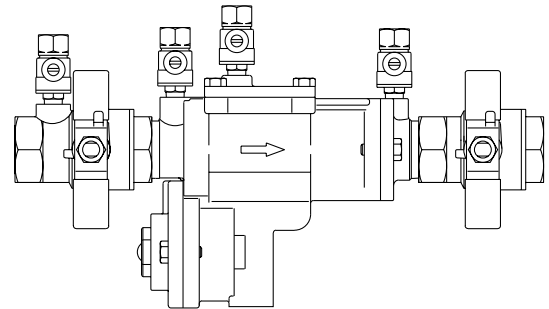
Characteristics

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 860 (1/2" - 2") REDUCED PRESSURE ASSEMBLY

Agency Compliance

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

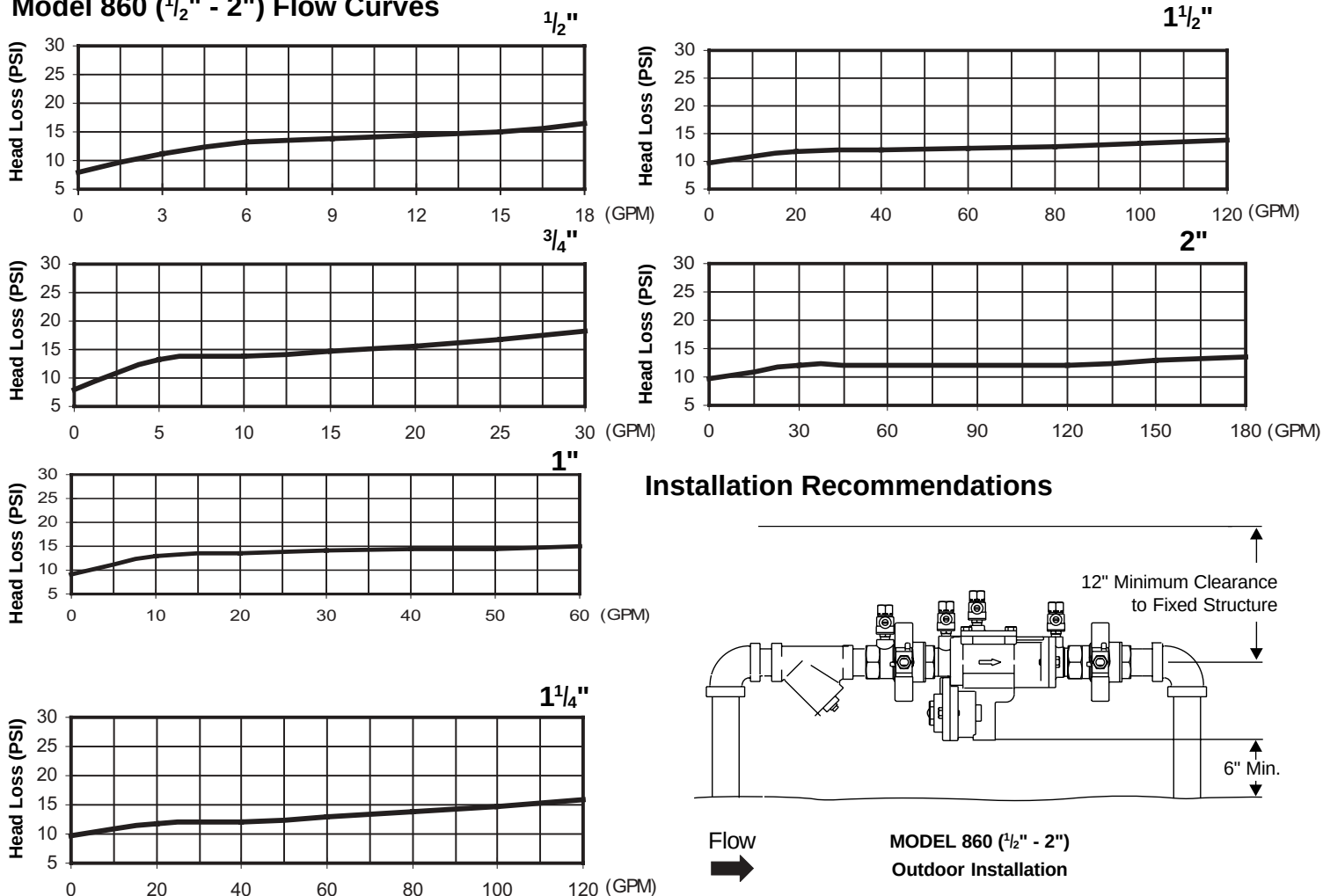
Application

Health Hazard

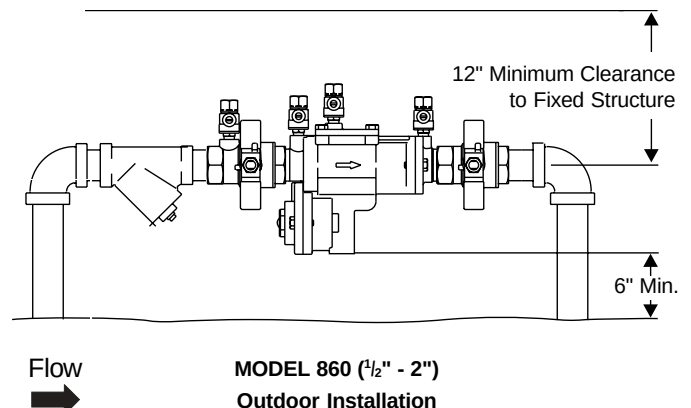
Options

- ☐ Wye - Strainer

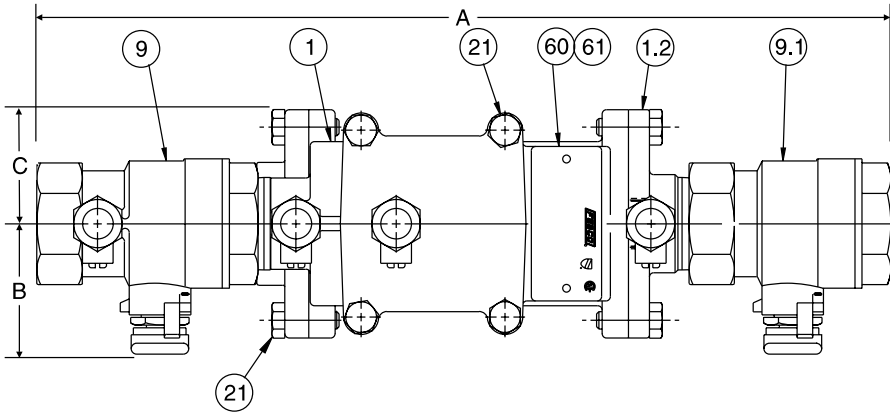
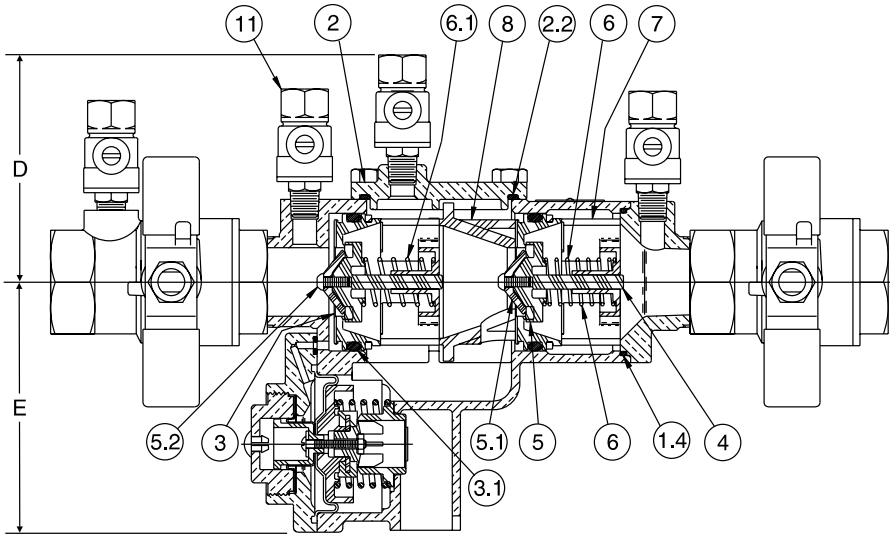
Model 860 (1/2" - 2") Flow Curves



Installation Recommendations



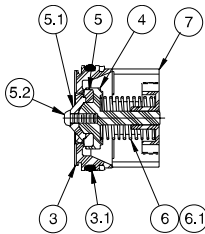
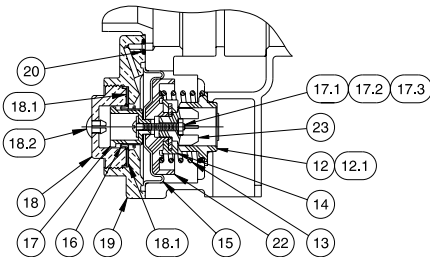
Model 860 ($1\frac{1}{2}$ " - 2")



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
60	Identification Plate	Brass
61	Drive Screw Stick	SS

Relief Valve Assembly

Check Assembly



Dimensions and Weights

	in / (mm)					NET WT.
SIZE	A	B	C	D	E	lbs / (kg)
$1\frac{1}{2}$ "	10 (254.00)	$1\frac{1}{2}$ (38.10)	$1\frac{1}{2}$ (38.10)	$3\frac{3}{8}$ (79.38)	$3\frac{1}{2}$ (88.90)	5.6 (2.54)
$3\frac{1}{4}$ "	$10\frac{3}{4}$ (273.05)	$1\frac{1}{2}$ (38.10)	$1\frac{1}{2}$ (38.10)	$3\frac{3}{8}$ (79.38)	$3\frac{1}{2}$ (88.90)	5.8 (2.63)
1"	$12\frac{1}{2}$ (317.50)	$1\frac{7}{8}$ (47.63)	$1\frac{5}{8}$ (41.28)	$3\frac{3}{8}$ (85.73)	$3\frac{5}{8}$ (92.08)	9.2 (4.18)
$1\frac{1}{4}$ "	$15\frac{7}{8}$ (403.23)	3 (76.20)	$2\frac{1}{2}$ (63.50)	$4\frac{1}{4}$ (107.95)	$5\frac{5}{8}$ (142.88)	20.2 (9.16)
$1\frac{1}{2}$ "	$16\frac{3}{8}$ (415.93)	3 (76.20)	$2\frac{1}{2}$ (63.50)	$4\frac{1}{4}$ (107.95)	$5\frac{5}{8}$ (142.88)	20.6 (9.35)
2"	$17\frac{5}{8}$ (449.94)	$3\frac{1}{2}$ (88.90)	$2\frac{1}{2}$ (63.50)	$4\frac{1}{4}$ (107.95)	$5\frac{5}{8}$ (142.88)	24.8 (11.26)

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

FEBCO Backflow Prevention

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