

Model 830 Double Check Backflow Preventer 2-1/2" to 10"

Application

The new **MicroSeries Model 830 Double Check** with integral butterfly shut-offs is very compact and has modular checks for ease of service. It is used in non-health hazard (nontoxic) connections including fire sprinkler and standpipe systems, and premise isolation

Features

- Short lay length
- Integral butterfly shut-offs
- Low head loss
- Light weight
- Low Lead
- Modular check design
- Easy to service and install
- Top entry and upward facing testcocks for ease of testing and maintenance.

Characteristics and Materials

Maximum Working Pressure:	175 PSI
Hydrostatic Test Pressure:	350 PSI
Temperature Range:	32°F to 140°F
Fluid:	Water
End Detail:	Flanged ANSI B16.1 Class 125 Din PN-16 AS 2129 Style "E" (optional) Groove per AWWA C606 steelpipe size
Main Valve Body:	Ductile iron ASTM A-536 grade 65-45-12
Main Valve Trim:	Stainless steel
Internal Check Modules:	Stainless steel
Elastomers:	Silicone rubber
Springs:	Stainless steel
Shut-Off Valves:	Rubber seated internal butterfly valves: handlever, gear and gear with tamper switch available.
Coating:	Fusion epoxy coated internal and external, AWWA C550-90

Options

- Hand-Lever Operator
- Gear Operator
- Gear Operator with Tamper Switch

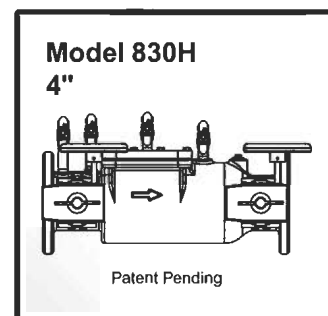
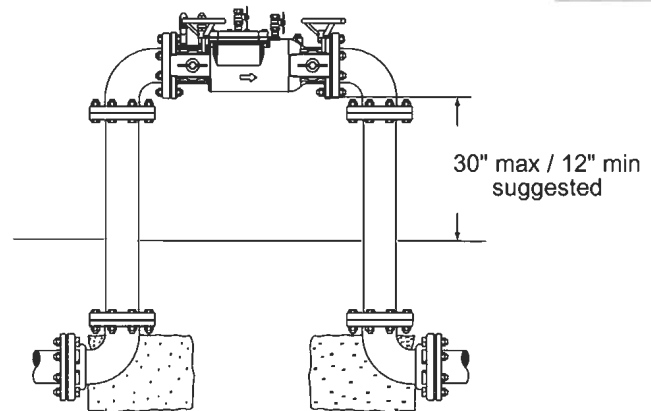
Agency Compliance

- ASSE Conformance (Std. 1015): 4" and 6"



Installation

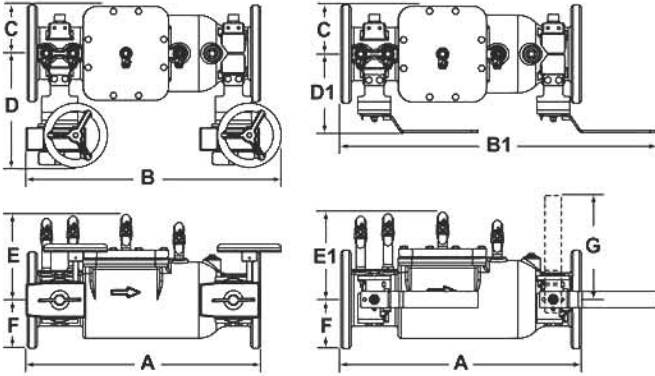
FEBCO Model 830
Outdoor Installation



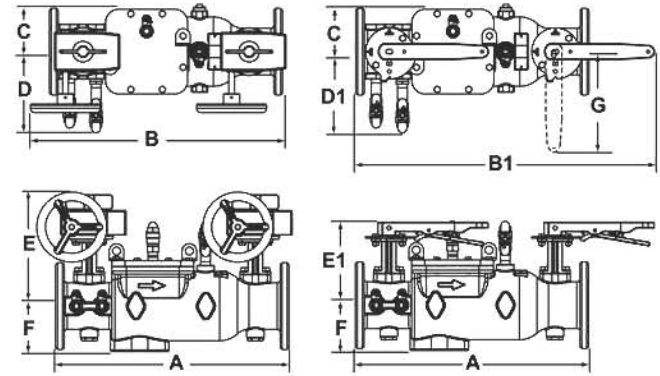
MODEL 830

Dimensions and Weights

4" Model 830H



2 1/2", 3", 6", 8", 10" Model 830



Call for parts information and availability!

Size	U.S. - INCHES										Weight	
	A	B* GEAR	B1 LEVER	C	D* GEAR	D1 LEVER	E* GEAR	E1 LEVER	F	G	GEAR* (lbs.)	LEVER (lbs.)
2 1/2"	20	22	25 5/8	3 3/4	7	7	10	7 5/8	4 1/2		122	103
3"	20	22	25 5/8	3 3/4	7	7	10	7 5/8	4 1/2		122	103
4"	22	24	29	4 1/2	8	8	10 5/8	10 5/8	4 1/2	9 1/2	140	125
6"	27 1/2	32	38 1/2	5 1/4	8 1/2	8 1/2	16 1/4	10 1/2	6 1/2	14	246	225
8"	34	35	44	7 1/2	10	10	14 1/2	12	8	14	360	340
10"	Pending											

Flow Curves

