

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series 850

Double Check Valve Assemblies

Size: ½" - 2" (15mm - 50mm)

The FEBCO Series 850 Double Check Valve Assemblies are designed for non-health hazard applications. End Connections – NPT ANSI / ASME B1.20.1

Pressure – Temperature

Max. Working Pressure: 175psi (12.1 bar)
 Hydrostatic Test Press: 350psi (24.1 bar)
 Temperature Range: 32°F to 140°F (0°C to 60°C)

Materials

Valve Body: Bronze
 Elastomers: Silicone
 Springs: Stainless Steel

Models

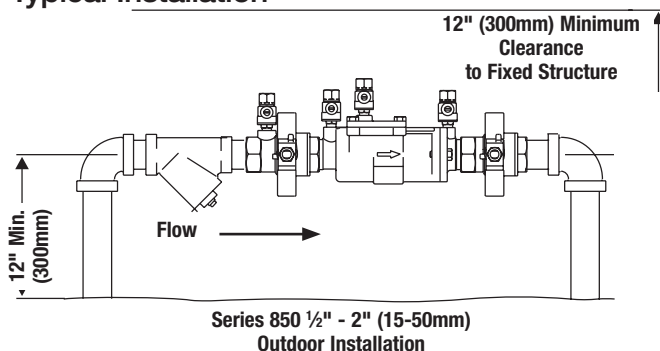
- Wye - Strainer

Approvals – Standards

- ANSI/AWWA Conformance (C510-92)
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California.



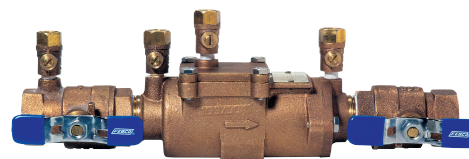
Typical Installation



WARNING

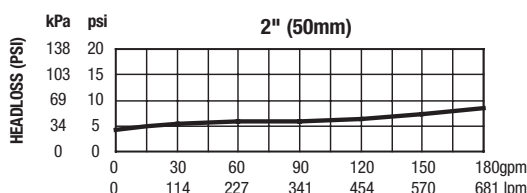
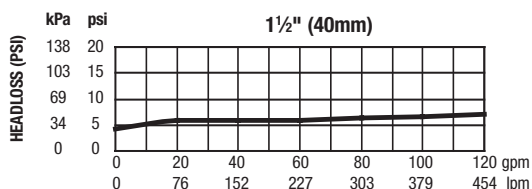
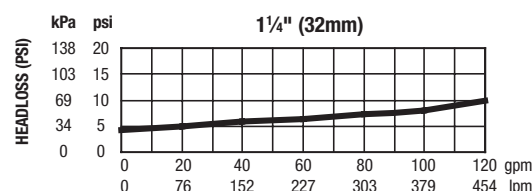
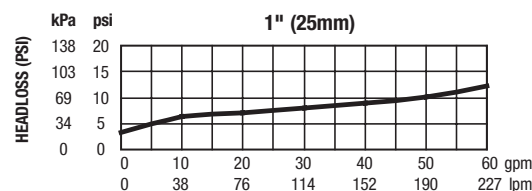
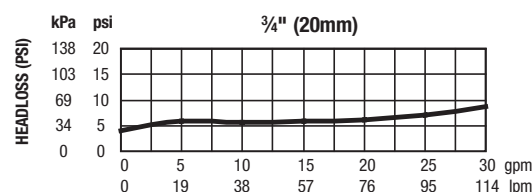
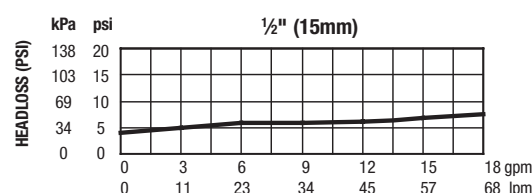
It is illegal to use this product in any plumbing system providing water for human consumption, such as drinking or dishwashing, in the United States. Before installing standard material product, consult your local water authority, building and plumbing codes.

FEBCO product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact FEBCO Technical Service. FEBCO reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on FEBCO products previously or subsequently sold.



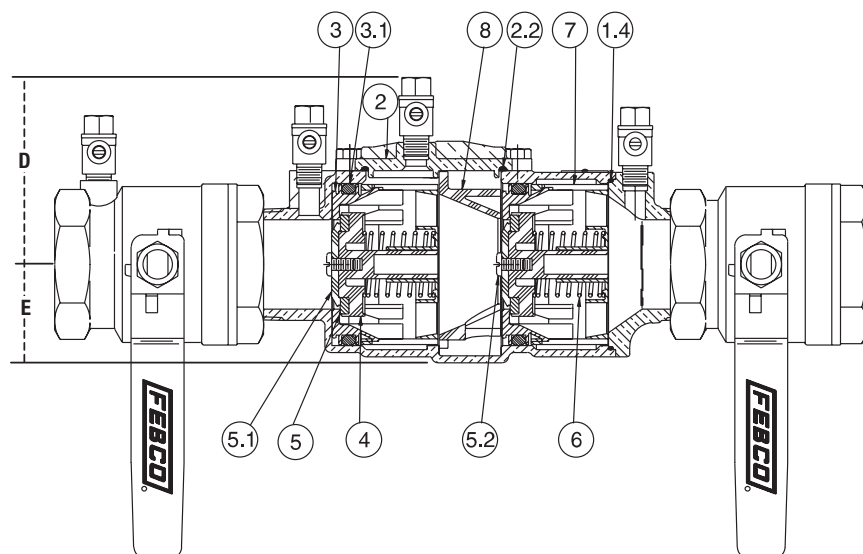
Series 850

Capacity

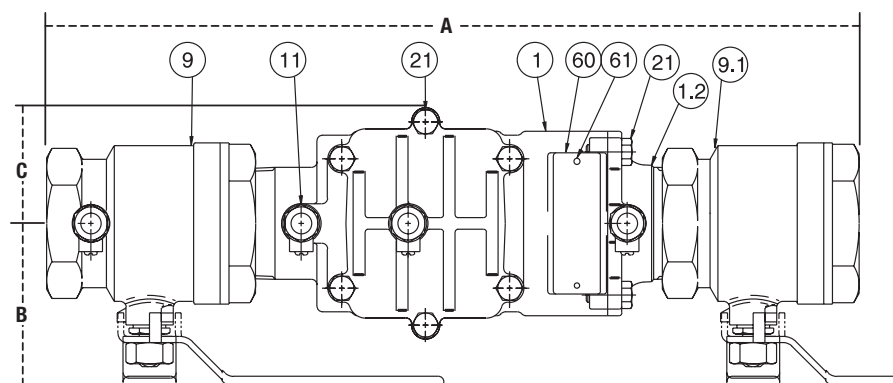


A WATTS Brand

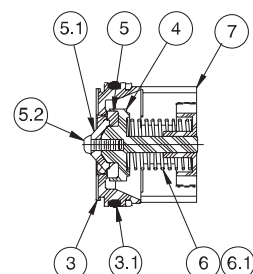
Series 850 / Size: ½" - 2" (15mm - 50mm)



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
5.1	Disc Retainer	Noryl®
5.2	Rnd HD Screw	Stainless Steel
6	Spring	Stainless Steel
7	Guide	Noryl®
8	Retainer Spacer	Noryl®
9	Ball Valve (w/tap)	Bronze
9.1	Ball Valve	Bronze
11	Test Cock	Bronze
21	Hex HD Capscrew	Stainless Steel
60	Identification Plate	Brass
61	Drive Screw Stick	Stainless Steel



Check Assembly



Dimensions and Weights

Size: ½" - 2" (15 - 50mm)

SIZE (DN)		DIMENSIONS										WEIGHT	
		A		B		C		D		E			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.
½	15	10	254	1½	38	1½	38	3⅞	79	1¼	32	4.2	1.9
¾	20	10¾	273	1½	38	1½	38	3⅞	79	1¼	32	4.4	2.0
1	25	12½	318	1⅞	48	1⅞	41	3⅞	86	1½	38	6.8	3.1
1¼	32	15⅞	403	3	76	2½	64	4¼	108	2¼	57	15.8	7.2
1½	40	16⅞	416	3	76	2½	64	4¼	108	2¼	57	16.2	7.4
2	50	17⅞	450	3½	89	2½	64	4¼	108	2¼	57	21.1	9.6

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



A WATTS Brand

USA: Tel: (800) 767-1234 • Fax: (800) 788-4491 • FEBCOonline.com

Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • FEBCOonline.ca

Latin America: (52) 81-1001-8600 • Fax: (52) 81-8000-7091 • FEBCOonline.com