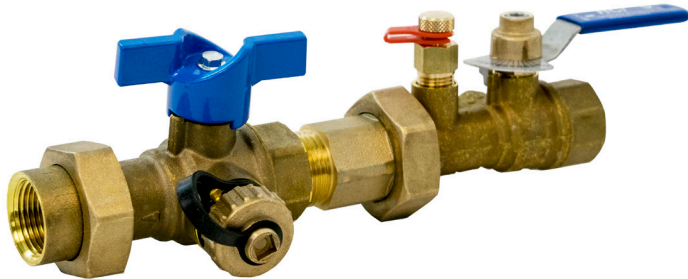


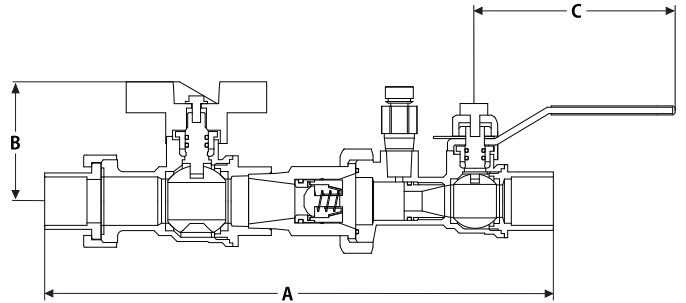
Lead Free Recirculation Assembly



Fixed Orifice, Manual Balancing Recirculation Assembly with Drain



TRAB-BFF-Q



Dimensions

Part No.	Size	Connection	A	B	C
TRAB-BFF-Q	3/4"	FNPT	8.73	2.18	3.64

Material Specifications

No.	Part	Material
1	Body (2)	Lead Free Brass - CW510L
2	End Connection (2)	Lead Free Brass - CW510L
3	Ball (2)	T.E.A. Coated Brass - CW510L
4	Seat (4)	PTFE
5	Stem (2)	Lead Free Brass - CW510L
6	Packing (2)	PTFE
7	Stem O-ring (4)	Viton
8	Packing Gland (2)	Brass - CW614N
9	Lever Handle	Steel - Geomet Plated
10	Handle Nut	Steel - Geomet Plated
11	Memory Stop	Brass - CW614N
12	Memory Stop Screw	Steel - Geomet Plated
13	Metering Plate	Aluminum
14	Union O-ring	Viton
15	Union Nut (2)	Brass - CW510L
16	Venturi	Lead Free Brass - CW510L
17	Venturi O-ring	Viton
18	PT Plug (2)	Lead Free Brass / Nordel
19	Tailpiece Lead	Free Brass - C46500
20	Check Valve	POM / Buna-N / SS
21	T-handle	Aluminum
22	T-handle Screw	Steel - Geomet Plated
23	Union Washer	Buna-N
24	Tailpiece	Lead Free Brass - CW510L

Features

- Isolation valve with integration drain
- Inline check valve
- Venturi type balancing valve
- Direct read balancing valves double as an isolation valve
- Design flow range: 0.4 GPM - 2 GPM
- 100% Pressure Tested
- Complies with Buy American Act Standards
- Patented profiled ball in the drain allows for quarter turn draining while still isolating components downstream

Approvals



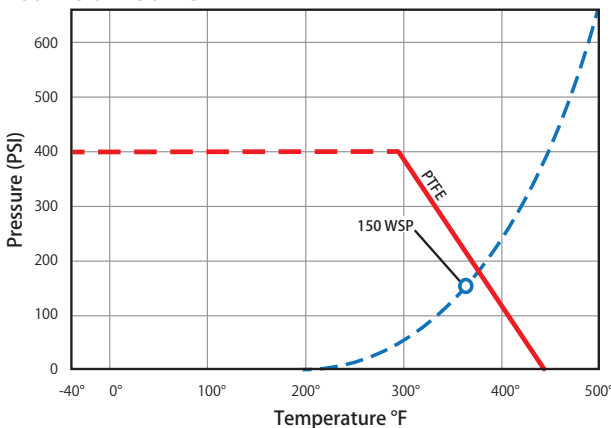
- NSF 372
- NSF 61-8
- MSS SP-110
- ASME/ANSI B16.8

Pressure Rating

- 400 WOG
- 325°F Max

Valve Seat Rating

400 WOG - 150 WSP



WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, and lead, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Pressure Drop Chart



TRAB-BFF-Q

CV of Valves

- #3 Venturi: **0.44**
- #4 Venturi: **1.30**
- #6 Venturi: **2.65**
- #7.5 Venturi: **3.61**
- #9 Venturi: **7.05**
- #12 Venturi: **11.40**

