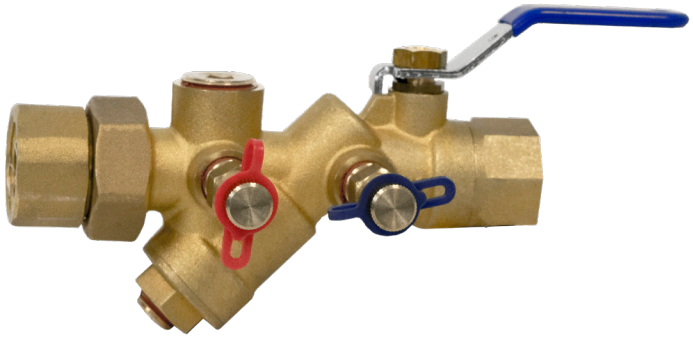
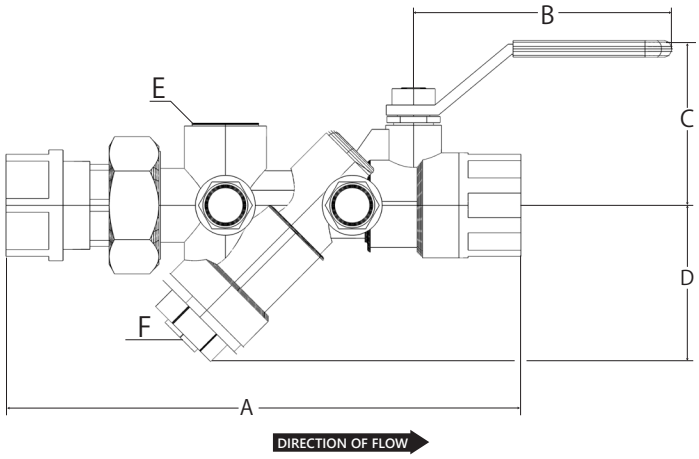
Automatic Balancing Valve

Automatic Flow Limiter • Isolation Ball Valve • Union • 600 PSI



AT1



Features

- +/- 5% Accuracy
- Two pressure / temperature (PT) test ports
- Location tag
- Two additional accessory taps
- Triple sealing stem with 2 Viton® o-rings and Teflon® seal
- Blow out proof stem
- 100% leak tested

Pressure and Temperature Rating

- 600 PSI
- 325°F Max

Smart Part Number Ordering Guide

AT1-BFM-L-VX 2.0

AT1	B	F	M	L	V	X	2.0
					Optional		See GPM ordering guide

Valve Size

B	3/4"

Body Type

F	FNPT
C	SWT

Tailpiece Size and Type

No Reduction	
F	FNPT
M	MNPT
C	SWT
Single Reduction	
RF	FNPT
RM	MNPT
RC	SWT

Optional Accessories

X	Extended Handle, PT Ports and Accessories
V	Manual Air Vent
B	Ball Valve Air Vent

Material Specifications

Part	Material
Body	Brass -CW617N
End Connection	Brass -CW617N
Ball	Chrome Plated Brass -CW617N
Seat (2)	PTFE
Stem	Brass -CW617N
Packing	PTFE
Stem O-ring (2)	Viton®
Packing Gland	Brass -CW617N
Handle	Steel - Zinc Plated
Handle Nut	Brass -CW617N
Service Cap	Brass -CW617N
Service Cap O-ring	Viton®
Union Gasket	EPDM
Tail Piece	Brass - C37700
Union Nut	Brass - C37700
Balancing Cartridge	Stainless steel, EPDM
Cartridge Retaining Spring	Stainless Steel

Dimensions

Size	Flow Range	A*	B	C	D	E	F
3/4"	Low Flow	6.28	3.08	2.00	1.86	0.50	0.25
3/4"	High Flow	6.28	3.08	2.00	1.86	0.50	0.25

*Length is for a SWT x MNPT valve, additional dimensions available upon request

GPM Ordering Guide

Size	Cartridge	GPM								PSI
3/4" Low	C1-L	0.33	0.50	0.75	1.00	1.50	2.00	2.50	3.00	2-32
3/4" High	C1-H	4.00	5.00	-	-	-	-	-	-	5-60

Pressure range varies, see PSI column

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