



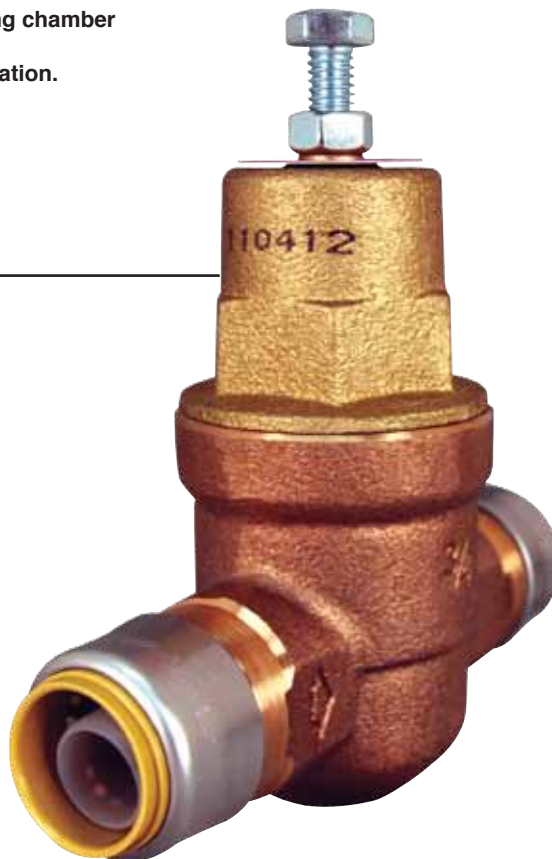
Cash Acme EB45-DSB Pressure Regulating Valve

The EB-45 DSB combines Cash Acme's traditional bronze body and spring chamber with adjusting screw, the latest cartridge based technology for maximum performance, and features SharkBite integral connectors for quick installation.

Size: 1/2", 3/4" and 1" Double SharkBite

FEATURES AND BENEFITS

- **Compact Size:**
Designed for small installation spaces
- **By-pass Mechanism integral with the cartridge:**
No add-ons or small parts, longer life, and more reliable performance.
- **Quick & Easy Service:**
Removable & replaceable spring and cartridge.
- **Push-Fit Connectors:**
Ease of installation and use
- **Rugged Bronze Body:**
Superior reliability and improved user safety.
- **Lead Free Compliant**
- **Connected by SharkBite**



TYPICAL INSTALLATION



**Now
available
in 1/2"
and 1"**





Issue Date March 2012



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SPECIFICATION DATA:

Performance:

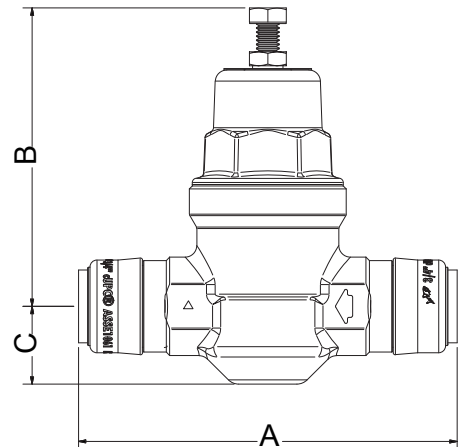
Maximum pressure. 200 psi
Maximum temperature 180°F (93°C) (water)
Service Potable Water
Outlet pressure range. 10-70 psi

EB-45SB Valve Materials:

Body Bronze
Spring chamber Iron
Adjustable Spring Steel (Zinc plated)
Pressure Plate Steel (Zinc plated)
Diaphragm EPDM
Body Seat. Polysulfone
Seat disc. EPDM
Piston Stainless/Brass
Strainer Screen Stainless Steel

SharkBite® Materials:

Body DZR Brass
O-ring EPDM
Grab ring Stainless Steel
Nose Cone Stainless Steel
Tube support liner Polysulfone



Valve Size	A	B	C
1/2"	4.54	4.35	1.05
3/4"	5.10		
1"	6.00		

CERTIFICATIONS

EB-45:

ASSE 1003
ASSE & IAPMO (UPC) Listed

SharkBite:

ASSE 1061/NSF 61
IAPMO Listed
Certified for Potable Water & Hydronic
Heating Water Distribution
Certified for Underground Applications
& as manufactured joint without
access panels. Meets UPC, IPC,
cUPC requirements.

WATER CAPACITY (GPM)

PIPE SIZE	P2 (psi)	Differential Pressure P1-P2 (psi)			
		10	25	50	100+
1/2"	5	1.6	3.3	4.4	5.7
	10	8.9	11.0	12.3	12.4
	15	11.7	16.8	18.8	18.5
	20	12.8	19.2	23.5	23.9
3/4"	5	1.3	1.8	2.5	3.0
	10	8.0	12.5	13.5	15.3
	15	13.9	19.2	22.9	23.9
	20	15.7	23.1	27.4	30.3
1"	5	1.5	2.0	2.7	6.9
	10	8.7	12.8	13.6	17.5
	15	14.2	20.9	27.3	28.0
	20	17.3	25.7	30.9	42.8

