

SharkBite® EB-86DSB Pressure Reducing Valve

DESCRIPTION

The Cash Acme SharkBite® EB-86DSB is a compact pressure reducing and regulating valve. The valve's rugged design and bronze construction, combined with the SharkBite Connection, make them ideally suited for domestic water service. Connect the SharkBite® pressure reducing and regulating valve to copper tubing, PEX and CPVC in seconds with ease. These valves are supplied by the factory with a standard delivery setting of 45 psi. The outlet pressure can be adjusted from 10-70 psi without changing the spring.

FEATURES AND BENEFITS

Compact pressure reducing and regulating valves:
Designed for small and economic considerations.

Rugged bronze robust body:
Superior reliability, improved user safety.

Instant push-fit connections for increased ease of use:
No soldering, clamps, unions or glue required.

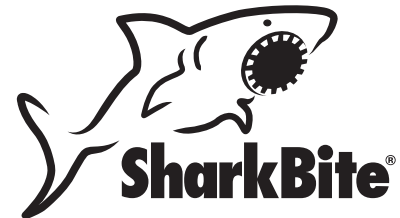
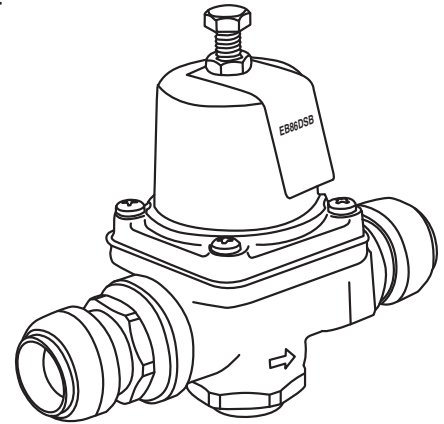
Valve and fittings assembled to strict quality standards:
Measured thread engagement, measured torque, loctited in a dry, climate controlled environment.

Every valve is tested prior to shipping:
Specify and install with confidence!

Listed by IAPMO, ASSE 1003 and CSA:
Inspector friendly, peace of mind!

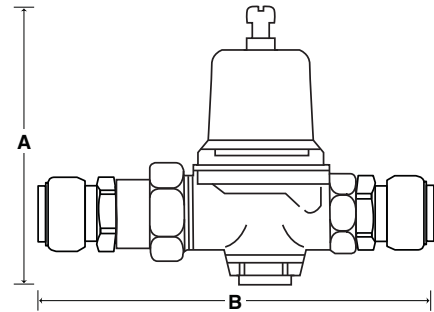
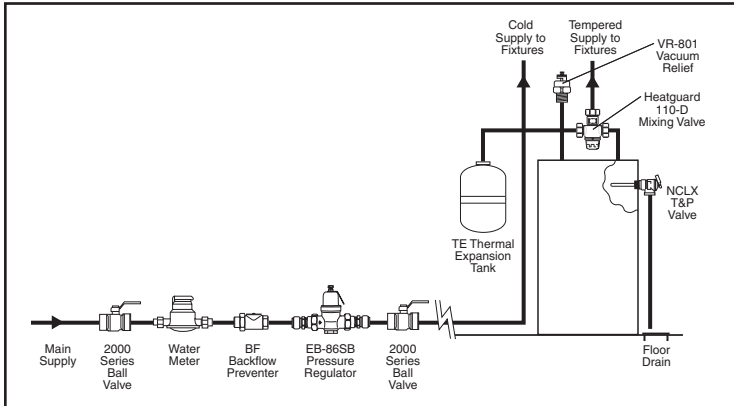
SPECIFICATION

A valve shall be installed to reduce water pressure. The valve shall be approved in accordance with ASSE standard 1003, CSA and IAPMO. The valve shall have a bronze body, brass and stainless steel internals, an EP diaphragm, stainless steel strainer screen, an inbuilt back-pass check and SharkBite® connections. The valve should be a Cash Acme EB-86DSB.



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TYPICAL INSTALLATION



Size	A	B
1/2"	5.45	5.92
3/4"	5.45	6.16

SPECIFICATION DATA

Performance:

- Maximum pressure 200 psi
- Maximum temperature 180°F (82°C) (water)
- Service Water
- Outlet pressure range. 10-70 psi

EB-86 Valve Materials:

- Body Bronze
- Spring housing Iron
- Piston Brass
- Body seat Stainless steel
- Piston spring Stainless steel
- Strainer screen Stainless steel
- Seat disc EP
- O-ring EP
- Diaphragm EP and Nylon
- Bottom plug Brass
- Adjustment spring. Steel plated

SharkBite® Materials:

- Body DZR brass
- O-ring EPDM
- Grab ring Stainless steel
- Tube support liner. Polysulfone

CONNECTIONS

SharkBite 1/2" through 3/4" SharkBite

CERTIFICATIONS

The **EB-86 Pressure Reducing Valve** is listed by **IAPMO, ASSE 1003** and **CSA**. The **SharkBite® push-fit fittings** have been design certified and listed to **ASSE 1061/NSF 61**. The **SharkBite® push-fit fittings** are listed by **IAPMO** and are certified for potable and hydronic heating water distribution (note: Glycol mixture for hydronics is not to exceed 50% concentration). The **SharkBite® push-fit fittings** have been certified for underground applications and as a manufactured joint without access panels and they meet **UPC, IPC** and **cUPC** requirements.