

BF-1 Series Dual Check Backflow Preventers

DESCRIPTION

Cash Acme's BF-1 Series Dual Check Backflow Preventers are designed to prevent polluted water from entering the potable water supply system by stopping the reverse flow of water into supply lines.

The BF Series is designed to protect the primary water system (such as city water supply) by providing containment at the point of distribution. These valves function in either the horizontal or vertical position under continuous or intermittent pressure conditions.

Cash Acme's Dual Check Backflow Preventers incorporate a rugged lead-free brass body with a brass union connection. The check sub-assemblies are constructed with molded check subs, spring guides and poppets, stainless steel springs, EPDM rubber seat discs and Buna-N O-rings.

The Cash Acme BF-1 is available in 3/4" and 1" sizes with either FNPT or SharkBite inlet and outlet connections. The BF Series is designed for maximum system pressures to 175 psi. The operating temperature range for this valve is from 32° to 140°F. (0° C to 60° C).



BF13434



BF13434SB

FEATURES AND BENEFITS

Prevents polluted water from entering the potable water supply system:
Prevents the reverse flow of water into supply lines.

Straight through design:
Minimizes pressure drop.

May be installed horizontally or vertically.
Offers installation versatility.

SharkBite models allow for simplified installation.
Cut. Push. Done. No special tools or materials required!

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

SPECIFICATION

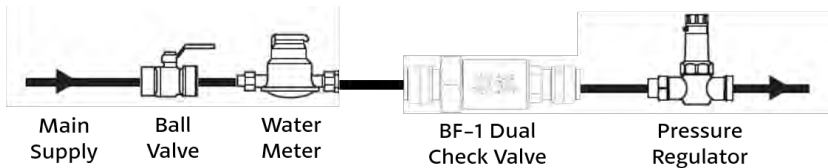
A Dual Check Backflow Preventer shall be installed to prevent polluted water from entering the potable water supply system by stopping the reverse flow of water into supply lines. The valve shall have a bronze body with brass union or swivel connections, molded check subs, spring guides and poppets. The valve shall have stainless steel springs, EPDM rubber seat discs and Buna-N O-rings. The valve shall be a Cash Acme BF Series Dual Check Backflow Preventer.



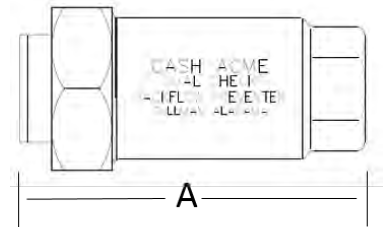
BF Series Dual Check Backflow Preventers

TYPICAL INSTALLATION

The Cash Acme Type BF-1 may be installed anywhere in the service line.



BF-1 Typical Installation



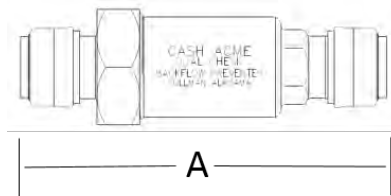
BF-1

| Dimensions | A |
|------------|--------------------|
| 3/4" FNPT | 3.96 in (10.05 cm) |
| 1" FNPT | 4.34 in (11.02 cm) |

SPECIFICATION DATA

Performance:
 Maximum temperature 140°F (60°C)
 Maximum pressure 175 psi
 Service Water

Materials:
 Body Lead-Free* Brass
 Springs Stainless Steel
 Seat Disc EPDM
 Poppets & Check Subs Acetal
 O-rings Buna-N



BF-1 SB

| Dimensions | A |
|------------|--------------------|
| 3/4" SB | 5.9 in (14.98 cm) |
| 1" SB | 6.76 in (17.17 cm) |

AVAILABLE CONNECTIONS

- BF13434 3/4" BF1, Dual Check, FNPT Union Inlet & FNPT Outlet
- BF13434SB 3/4" BF1, Dual Check, SharkBite Inlet & Outlet
- BF10101 1" BF1, Dual Check, FNPT Union Inlet & FNPT Outlet
- BF10101SB 1" BF1, Dual Check, SharkBite Inlet & Outlet

CERTIFICATIONS

Cash Acme BF-1 Series Dual Check Backflow Preventers are certified to ASSE 1024 and CSA B64.6.

| BF SERIES TYPICAL FLOW LOSS | | |
|-----------------------------|------------|---------------------|
| Size | Flow (gpm) | Pressure Loss (psi) |
| All Sizes | 3 | 4.3 |
| | 6 | 5.0 |
| | 9 | 5.8 |
| | 12 | 6.7 |
| | 18 | 8.0 |

*For all models, surfaces that are in contact with consumable water contain less than 0.25% lead by weight.

