BFAC Combination Backflow Preventer and Pressure Reducing Valve

DESCRIPTION
The Cash Acme BFAC combines the quality pressure reduction of the Cash Acme A-89 Pressure Reducing Boiler Feed Valve with the effective backflow prevention of the Cash Acme BFP Double-Check Backflow Preventer.

The Cash Acme BFAC accurately reduces system pressure down to 14 psi while preventing the back-siphonage of contaminated water into the potable water supply. The BFA features threaded (NPT) inlet and outlet connections.

The Cash Acme A-89 provides for increased outlet pressure control, while the Cash Acme BFP is designed specifically for smaller boiler feed lines.

The Cash Acme BFAC is available in 1/2” size only.

FEATURES AND BENEFITS
Pressure reduction and prevention of water backflow in one compact valve:

Two vital functions in one unit!

A-89 contains a polymer seat:

Prevents scaling!

Economical and easy to install:

Saves money and time!

Features a double-check vacuum breaker backflow system:

Effectively prevents the reverse flow of polluted water.

Rapid fill and balanced piston allows for closer outlet control:

Higher capacity, constant water flow.

SPECIFICATION
A combination backflow preventer and pressure reducing valve shall be installed to prevent the backflow of contaminated water while managing incoming water pressure. The valve shall be a Cash Acme BFAC.
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TYPICAL INSTALLATION

SPECIFICATION DATA

Performance:
Outlet pressure: A89 factory set at 14 psi
Maximum temperature: 180°F (80°C)
Maximum inlet pressure: 170 psi
Service: Water

Materials A-89:
Body: Brass
Strainer: Stainless steel
Seat: Polysulphone
Seat Disc: EP
Diaphragm: EP and Nylon
Spring Chamber: Iron
Piston: Brass
O-Ring: EP

Materials BFP:
Body: Brass
Strainer Screen: Stainless steel
Springs: Stainless steel
Check Valves: Plastic
O-Ring: Buna-N

CONNECTIONS

Sweat: 1/2" Inlet
Threaded (NPT female): 1/2" Outlet