

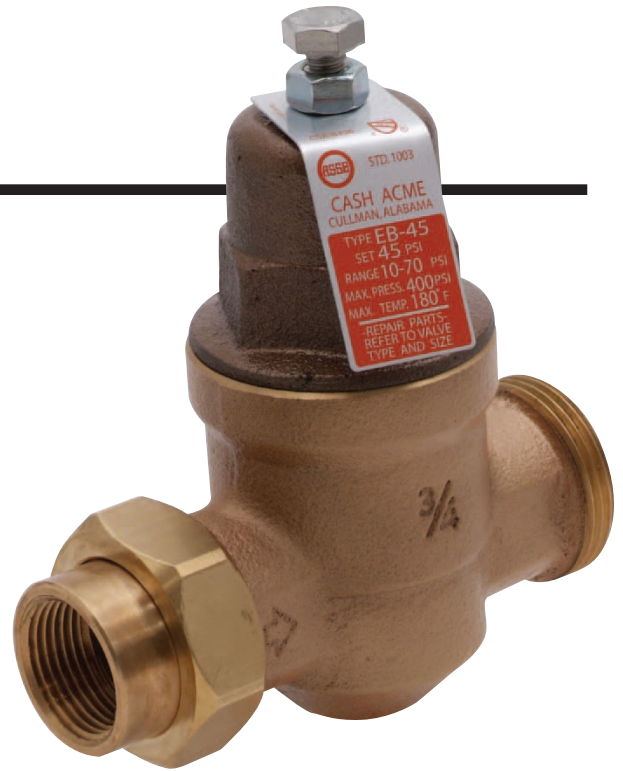


EB-45 Pressure Regulator

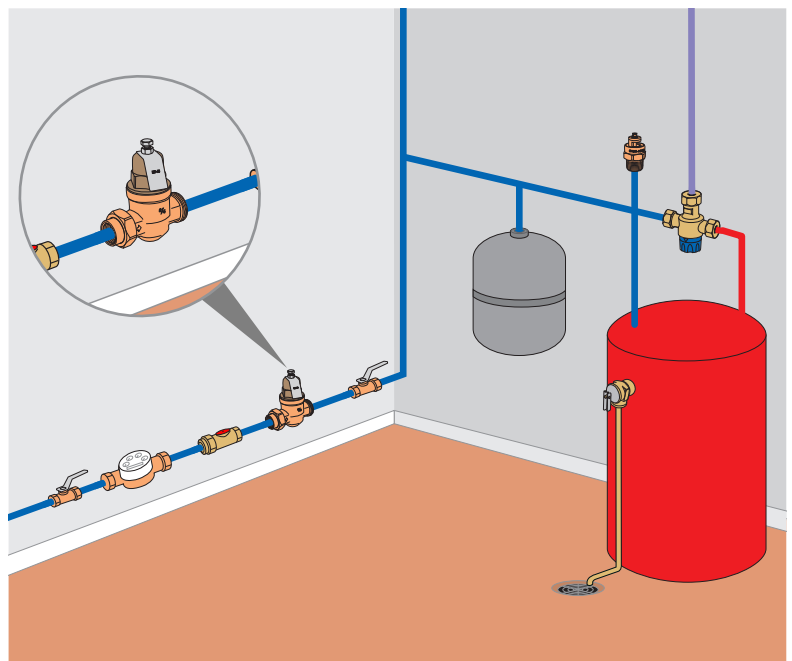
The EB-45 Series is a half-cartridge based pressure reducing and regulating valve with a bronze body. The valve resembles the traditional regulators with a spring chamber and an adjusting screw but offers the performance of a cartridge based valve. The EB45 is assembled using modular construction methods and features end connections threaded for both FIP and union. A connection for pressure gauge is also available for 3/4" and 1" models. 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.

The EB-45 is intended for use where supply line pressure does not exceed 400 psi. This regulator is suited for either cold or hot (to 180°F) water service. Lead Free* models are also available.

- Compact pressure reducing and regulating valves:
Designed for small and economic considerations.
- Listed by IAPMO and to ASSE standard 1003:
Inspector Friendly, peace of mind.
- By-pass mechanism integral with the cartridge:
No add-on or small parts, longer life and more reliable performance.
- Quick and Easy service:
Back off pressure and remove spring chamber, pressure spring and button and replace cartridge and you have a new valve.
- Every valve is tested through a range of tests prior to shipping:
Specify and install with confidence.



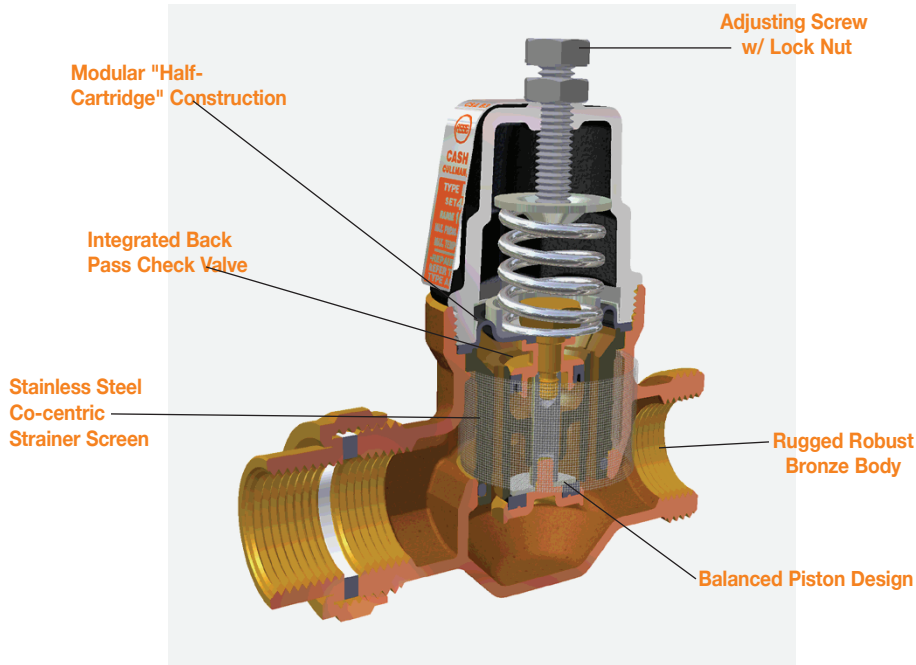
TYPICAL INSTALLATION



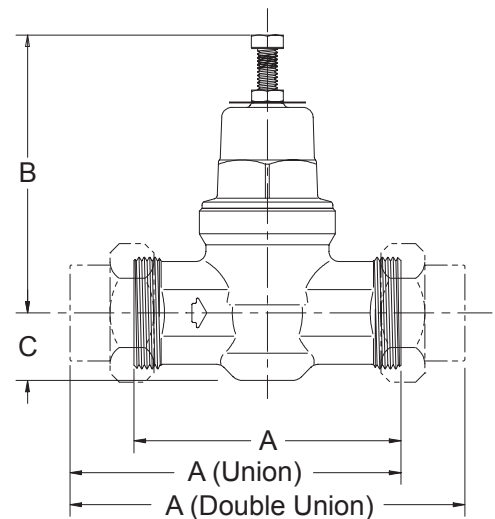


Reference Number: AY007S
Issue Date September 2012

EB-45 Pressure Regulator



MODELS/SIZES



CONNECTIONS

All EB45 models include both FIP and union connection threading on both ends.

| | |
|---------------------------------------------------------------|------------------------------------|
| Threaded (NPT) Inlet & Outlet. | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" |
| Threaded (NPT) Union, Threaded (NPT). | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" |
| Sweat Copper Union, Threaded (NPT). | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" |
| Threaded (NPT) Union Inlet & Outlet. | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" |
| Sweat Copper Union Inlet & Outlet. | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" |
| SharkBite® Push-Fit Connection Union Inlet & Outlet*. | 1/2", 3/4", 1" |
| CPVC Union Inlet & Outlet. | 3/4", 1" |
| PEX Barb Union Inlet & Outlet | 3/4", 1" |

3/4" and 1" models are also available with 1/8" NPT connection for pressure gauge.

CERTIFICATIONS

CASH Acme Type EB-45 Pressure Regulators are certified to ASSE 1003 and CSA B356 and listed by ASSE and IAPMO (cUPC).

| Valve Size | A | B | C |
|---------------------|------|------|------|
| 1/2" | 3.54 | 4.35 | 1.05 |
| 3/4" | 3.7 | | |
| 1" | 4.17 | | |
| 1-1/4" | 4.80 | 7.58 | 1.35 |
| 1-1/2" | | | 1.58 |
| 2" | | | 1.84 |
| 1/2" Union | 4.31 | 4.35 | 1.05 |
| 3/4" Union | 4.47 | | |
| 1" Union | 5.17 | | |
| 1-1/4" Union | 5.68 | 7.58 | 1.35 |
| 1-1/2" Union | 5.90 | | 1.58 |
| 2" Union | 5.99 | | 1.84 |
| 1/2" Double Union | 5.07 | 4.35 | 1.05 |
| 3/4" Double Union | 5.23 | | |
| 1" Double Union | 6.17 | | |
| 1-1/4" Double Union | 6.55 | 7.58 | 1.35 |
| 1-1/2" Double Union | 6.99 | | 1.58 |
| 2" Double Union | 7.18 | | 1.84 |

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

