

BR Series Back Pressure Regulator

Features

- Regulates pressure and absorbs normal pulsation
- Repeatable and accurate setting
- Regulates pressure within 5% (regardless of flow rate)
- Standard temperature 250° F (higher ranges available)
- Easily maintained

BR 5 Specifications

- Adjustable Pressure Ranges 100 psi to 2000 psi
- Flow Rate 5 gallons per minute
- Temperature Range Up to 250° F
- Weight 1.5 lbs

BR 10 Specifications

- Adjustable Pressure Ranges 100 psi to 2000 psi
- Flow Rate 10 gallons per minute
- Temperature Range Up to 250° F
- Weight 3.0 lbs



Material of Construction

- Body Electroless nickel-plated brass
- Inlet Cap 416 stainless steel
- Stem Electroless nickel-plated hardened steel
- Piston 416 stainless steel
- Springs Spring steel
- Seals Viton®

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Applications

Self- and full-service car wash systems • High pressure sprayers and washers • Systems with fixed pump pressure
Hydrostatic test units • Multi-drop cleaning systems in food plants and similar applications
Multiple hose systems and on/off hand guns



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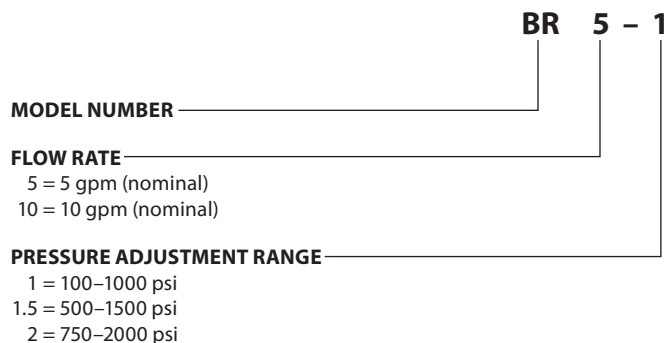
U.S. Para Plate valves and regulators are used where performance and reliability are a must. Proven for over 30 years in the most demanding commercial and industrial applications.



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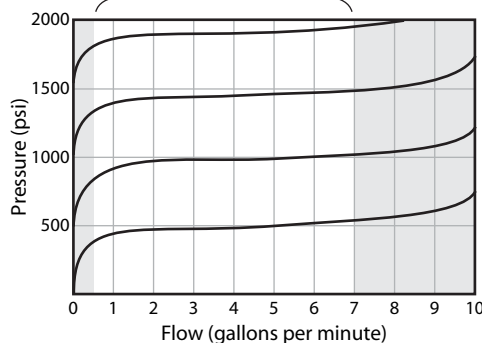
Ordering Information

Order the BR Series through your distributor

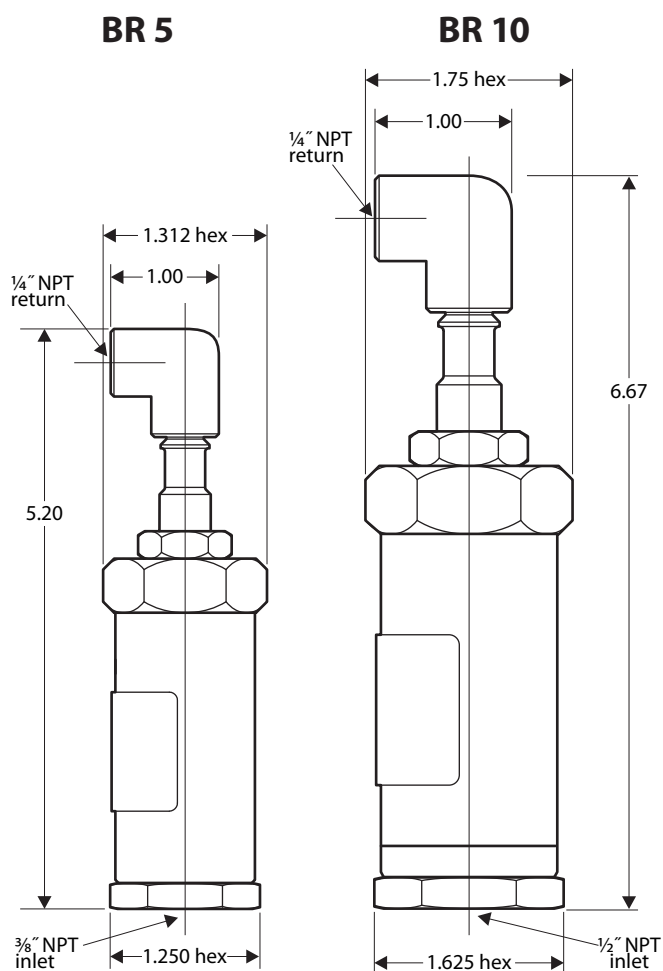
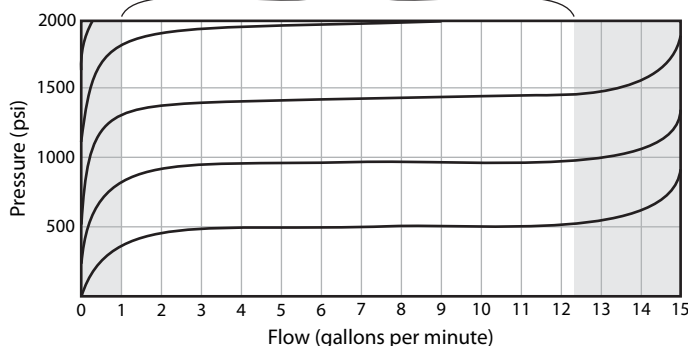


Typical Flow Characteristics

BR 5 recommended operating range



BR 10 recommended operating range



Installation

Install either at pump (no other pressure source) or in a downstream location to maintain constant back pressure. A typical location in pump is shown below.

