

ACV Schematic

LEAD FREE***LF910GD****Pressure Reducing Control Valve****Features**

- Throttles to reduce high upstream pressure to constant lower downstream pressure
- Reducing setpoint is adjustable

Standard Components

- 1—Main Valve (Single Chamber)
 2—Pressure Reducing Control
 3—Fixed Orifice
 X—Isolation Cocks

Options and Accessories

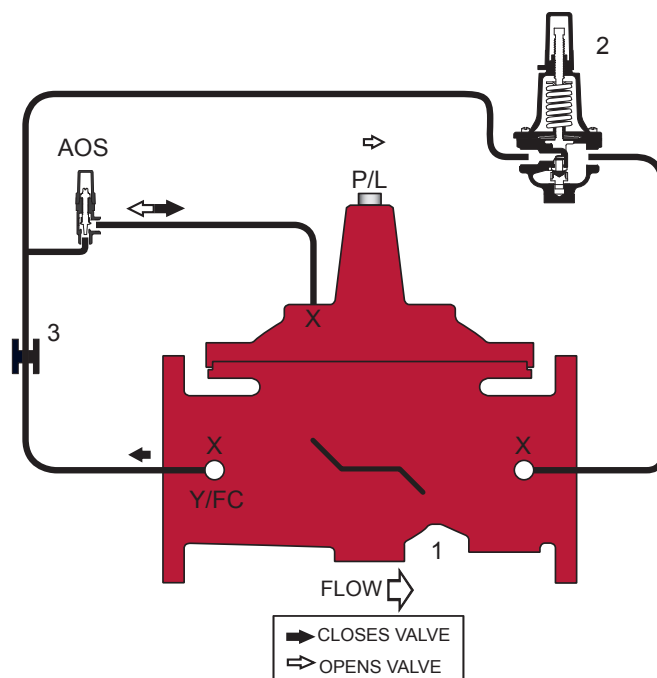
- FC Flo-Clean Strainer (Standard 1 1/4" – 4")
 ○ Y Y-Strainer (Replaces Flo-Clean)
 ○ ACS Adjustable Closing Speed (Replaces Fixed Orifice)
 ○ AOS Adjustable Opening Speed (Standard 1 1/4" – 4")
 ○ P Position Indicator
 ○ L Limit Switch

Operation

The ACV Pressure Reducing Control Valve is designed to automatically reduce a fluctuating higher upstream pressure to a constant lower downstream pressure regardless of varying flow rates. It is controlled by a normally open, pressure reducing pilot designed to:

- 1) Open (allowing fluid out of the main valve cover chamber) when downstream pressure is below the adjustable setpoint, and
- 2) Close (allowing fluid to fill the main valve cover chamber) when downstream pressure is above the adjustable setpoint.

A decrease in downstream pressure causes the valve to modulate toward an open position, raising downstream pressure. An increase in downstream pressure causes the valve to modulate toward a closed position, lowering downstream pressure.



*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

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USA: Backflow Tel: (978) 689-6066 • Fax: (978) 975-8350 • AmesFireWater.com

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Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • AmesFireWater.ca

Latin America: Tel: (52) 81-1001-8600 • Fax: (52) 81-8000-7091 • AmesFireWater.com

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