

## ACV Schematic

# LEAD FREE\*

## LFF115 (Globe) Pressure Reducing Control Valve

### Features

- Throttles to reduce high upstream pressure to constant lower downstream pressure
- Reducing setpoint is adjustable
- Utilizes advanced ArmorTek® coating technology to resist corrosion of internals

### Standard Components

- 1—Main Valve (Single Chamber)
- 2—Pressure Reducing Control
- 3—Fixed Orifice
- X—Isolation Cocks with pre-installed Gage Ports

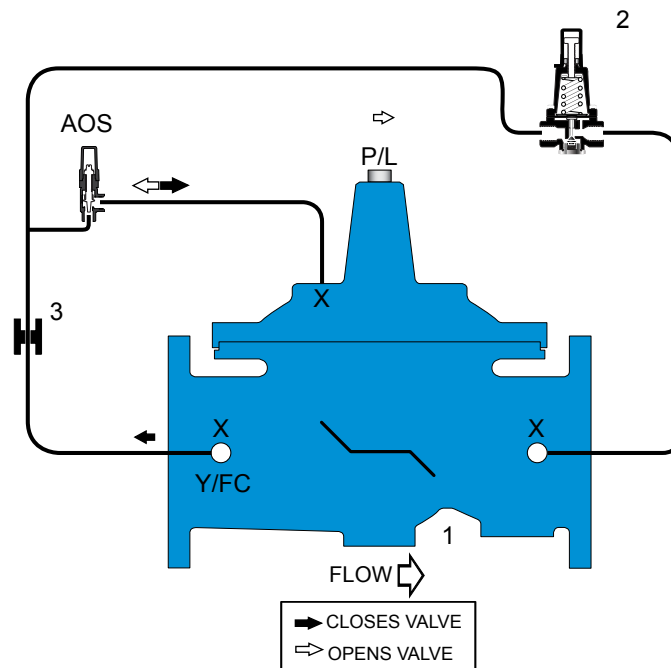
### Options and Accessories

- FC Flo-Clean Strainer (Standard 1¼" – 4")
- Y Y-Strainer (Replaces Flo-Clean)
- ACS Adjustable Closing Speed (Replaces Fixed Orifice)
- AOS Adjustable Opening Speed (Standard 1¼" – 4")
- P Position Indicator
- L Limit Switch
- G Inlet/ Outlet Pressure Gauge (0-300psi)

### 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.



#### NOTICE

ArmorTek does not contain PFOA or PFAS substances as an intentionally added ingredient based on current product formulations and information provided by our suppliers on their raw materials.

**\*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.

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

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SCH-ACV-LFF115 2334

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