

ACV Schematic

LEAD FREE*

LFM113-12 (Globe)

Solenoid (On-Off) Control Valve (4" and Smaller)

Features

- Electrically operated on / off (open / closed) valve
- Normally Open or Closed operation
- Solenoid equipped with Manual Operator

Standard Components

- 1 - Main Valve (M100 - Single Chamber)
- 2 - 3-Way Solenoid
- X - Isolation Cocks

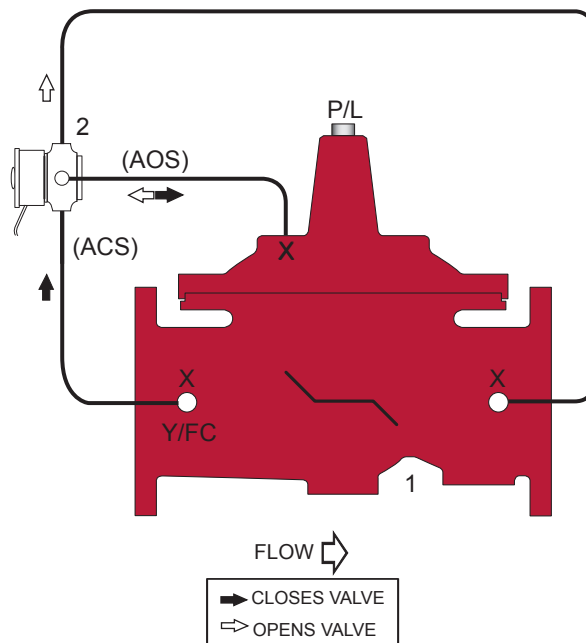
Options and Accessories

- FC - Flo-Clean Strainer
- Y - Y-Strainer (Replaces Flo-Clean)
- ACS - Adjustable Closing Speed (Replaces Fixed Orifice)
- AOS - Adjustable Opening Speed
- P - Position Indicator
- L - Limit Switch

Operation

The ACV Solenoid On-Off Control Valve is designed to open fully or close drip-tight as commanded by the 3-Way Solenoid Pilot. The Solenoid Pilot commands the routing of fluid and pressure into and out of the cover chamber of the main valve. When the Solenoid Pilot connects the cover chamber of the valve to upstream pressure, the valve closes drip tight. When the Solenoid Pilot connects the cover chamber of the valve to downstream pressure (dry drain) or atmosphere (wet drain), the valve opens fully. Engaging the Solenoid Manual operator simulates power to the solenoid, manually controlling the main valve. Disengaging the Solenoid Manual operator returns the valve to electrical on-off service.

Specify voltage and MAIN VALVE actuation (energize to open or close), and "wet" or "dry" drain PRIOR to ordering.



*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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