

Multi-Port Bypass Valve for Fluid Control

This multi-port bypass valve is designed for fluid control systems. It allows for diverting flow around a specific component or system, enabling maintenance or isolation without shutting down the entire process.



ADDITIONAL IMAGES



Overview



Robust lever-operated mechanism designed for demanding industrial environments.

Versatile Fluid Control Solution

This multi-port bypass valve serves as a high-efficiency back-pressure regulator designed to adjust port pressure by controlling bypass flow in water treatment systems. It is an essential component for softening systems, allowing for maintenance without system shutdown and enabling the production of mixed water to achieve specific hardness levels suitable for drinking. Engineered for durability, these valves are easily paired with a variety of softening control units to meet diverse residential and industrial requirements.

Key Features



Manual bypass valve featuring a central control knob for precise flow path adjustment.



Clear labeling for 'In Service' and 'Bypass' modes ensures easy operation during maintenance.



Advanced model featuring an electronic control panel and digital display for automated water treatment systems.

Operational Advantages

- Easy to operate via manual handwheel or lever
- Multiple operation modes: Service, Close, Bypass, and Softening
- Built-in flow meter capability for precise volume-based control
- Corrosion-resistant black plastic construction
- Adjustable center distances on specific models (65/70mm)
- Integrated mounting features for stable installation

Control Interface

Manual Handwheel • Lever Operated • Digital Display (Select Models) • Push-button Programming

Technical Specifications



Complete assembly including retaining clips and O-rings for secure, leak-proof connections.



Compact design with integrated mounting features for streamlined system integration.

Model Specifications

Model	Inlet/Outlet	Matching Pipe Dia.	Center Distance
F70A	1" M	1" F	50mm
F70B	3/4" M	3/4" M	65/70mm (Adjustable)
F70C	1" M	1" F	50mm
F70D	3/4" M	3/4" M	50mm
F70F	1" M	NPT 1" or 1" M	50mm
F70G	NPT 3/4" M or 1" M	3/4" M or NPT 1" M	50mm

Material

Durable Corrosion-Resistant Plastic

Applications

System Compatibility

Water Treatment, Residential Softening, Industrial Fluid Control, HVAC Systems, Chemical Processing, Maintenance Bypass