

Residential Water Softener Valve

This residential water softener valve is designed for efficient water softening in homes. It features an electronic control system for precise regeneration cycles and supports various regeneration modes.



ADDITIONAL IMAGES



Overview

Residential Water Softener Valve

This advanced residential water softener valve is designed for efficient and reliable water treatment, featuring a comprehensive electronic control system. It supports multiple regeneration stages including service, backwash, brine and slow rinse, brine refill, and fast rinse. Built for durability and ease of use, it ensures consistent water pressure and flow while optimizing salt and water consumption through precise programming.

Technical Specifications

| | |
|---------------------------|---------------------|
| Flow Rate | 4 m ³ /h |
| Inlet/Outlet Connection | 1 inch Male |
| Drain Connection | 1/2 inch Male |
| Brine Line Connector | 3/8 inch Male |
| Mounting Base | 2.5 inch - 8NPSM |
| Riser Pipe Outer Diameter | 1.05 inch |

Operating Conditions

Ambient Conditions

50

Max Ambient Temperature

95 %

Max Relative Humidity

| | |
|-------------------------|----------------|
| Water Pressure Range | 0.15 - 0.6 Mpa |
| Water Temperature Range | 5 - 50 |

Regeneration Performance

Turbidity Limits

| Regeneration Type | Max Turbidity |
|-------------------|---------------|
| Down-flow | < 5 FTU |
| Up-flow | < 2 FTU |
| Filtration | < 20 FTU |

Electrical

Power Adapter Specifications

- Input: AC100~240V / 50~60HZ
- Output: DC12V / 1.5A