

# 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 <sup>3</sup> /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