

Twin Alternating Water Softener Valves

Twin alternating water softener valves ensure a continuous supply of softened water by automatically switching between two tanks. They feature an electronic control panel, durable construction, and adjustable regeneration cycles.



Product Overview

Twin Alternating Valve System

The F112A5 valve system is designed for high-capacity water softening applications, utilizing a twin-valve T-configuration to ensure continuous, uninterrupted water service. By alternating between two tanks, the system maintains a constant supply of softened water even during regeneration cycles. It is engineered for demanding environments such as boiler softening systems and RO pretreatment, featuring robust construction and reliable electronic control.

Technical Specifications

Flow Rate

40 m³/h

Flow Rate

Connection Sizes

Connection Point	Size
Inlet/Outlet	DN65
Drain	DN65
Brine Line	3/4" M
Distributor Basket	DN80

Regeneration Capabilities

- Backwash
- Brine and slow rinse
- Fast rinse
- Brine refill
- Up-flow regeneration

Operating Conditions

Operating Limits

- Water Pressure: 0.2-0.6 MPa
- Water Temperature: 5-50
- Ambient Temperature: 5-50
- Water Turbidity: < 5 FTU

Power Requirements

Input: AC100-240V / 50-60Hz • Output: DC24V, 4A

System Compatibility

Compatible Tank Sizes	Æ1500*2400, Æ1800*2400
Control Method	Meter type