

# Automatic Filter Valves

Automatic filter valves are designed for reliable control of water filtration systems. The valves automate backwashing and regeneration processes, reducing manual intervention and ensuring optimal filter performance.



## ADDITIONAL IMAGES



## Product Overview

### Automatic Filter Valves

These automatic filter valves feature a T-configuration with 4 ports in the valve body, offering versatile control for water filtration systems. Designed for durability and corrosion resistance, they utilize a hydraulically balanced piston to manage different flow passages efficiently. The system supports multiple operational modes, including service, backwash, and fast rinse, making it an ideal solution for activated carbon and sand filter applications.

## Technical Specifications

### Flow Rate

**50 m3/h**

Flow Rate

### Operating Parameters

Parameter	Value
Water Pressure	0.2-0.6 MPa
Water Temperature	5-50 °C
Water Turbidity	< 20 FTU

### Model Variants

- F96B1: Timer clock type
- F96B3: Meter type

## Installation & Compatibility

### Connection Sizes

Connection	Size
Inlet/Outlet	DN80
Drain	DN80
Riser Pipe	DN100

**Mounting Configuration** Side mount, Top distributor basket, Bottom distributor basket

**Compatible Filter Tanks** 36" - 48"

## Electrical Requirements

### Power Adapter

Specification	Value
Input	AC100~240V / 50~60HZ
Output	DC24V / 4A

## Applications

### Compatible Filter Media

Quartz sand • Activated carbon