

# KEMAN

## Automatic Control Valves

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## Automatic Filter-Softener Valve

1 Filter valve + 1 Softener valve = 1 Filter-Softener valve

Upflow type Save a filter valve

- Two tanks work in series in service working position
- Each tank is backwashed and rinsed independently
- Independent brine absorption of softener tank
- Brine will not enter the filter tank and will not pollute the activated carbon
- Hard water will be supplied in the regeneration positions from two outlets
- (Filtered water outlet and Filtered & soft water outlet)
- Two outlets (Filtered water outlet and Filtered & soft water outlet)
- Filtered water outlet can be blocked as needed
- FU2-LED has 485 interface



**FU2 LED**

<b>Model</b>	<b>FU2</b>
<b>Working Position</b>	Service →Back wash for filter tank→Back wash for softener tank →Brine and slow rinse (Upflow) →Rinse for softener tank→Refill Rinse for filter tank→Service
<b>Regeneration mode</b>	Automatic type: Meter Delay / Meter Immediate / Intelligent Meter Delay / Intelligent Meter Immediate Timer by day: 0-99 days / Timer by hours: 0-99 hours
<b>Inlet / Outlet</b>	3/4" 1"
<b>Drain</b>	1/2"
<b>Base</b>	2-1/2"
<b>Riser Pipe</b>	1.05"OD
<b>Softening Water Capacity</b>	1.5m³/h
<b>Two tank in series</b>	2T filter valve+2T softening valve=1.5T
<b>Filtered Water Outlet</b>	✓
<b>Filtered Water Capacity</b>	1.5m³/h
<b>Supply Raw water during regeneration</b>	✓ (2 Outlets)
<b>Working Pressure</b>	0.15-0.6MPa
<b>Working Temperature</b>	5-50°C
<b>Power Supply</b>	AC100-240V/50-60Hz/DC12V-1.5A

For more information and detailed product specifications, please scan this QR code.

## Automatic Softener Valve

Supply water during Regeneration | **Downflow & Upflow type**

- Hard water will be supplied continuously in the regeneration positions
- Downflow type or upflow type can be set in the program
- Using ceramic to move valve disk with small torque
- Abrasion re of sealing surface, well-sealed and long-lived
- Flowrate: 2T/H
- ASB2-LED has 485 interface



ASB2-LCD

Model	ASB2
Working Position	Downflow type: Service → back wash → Downflow Brine and slow rinse → Refill → Fast rinse → Service Upflow type: Service → Back wash → Upflow Brine and slow rinse → Refill → Fast rinse → Service
Regeneration mode Inlet	Automatic type: Meter Delay / Meter Immediate / intelligent Meter Delay / intelligent Meter Immediate Timer by day: 0-99 days / Timer by hours: 0-99 hours
Outlet	3/4" 1"
Drain	1/2"
Base	2-1/2"
Riser Pipe	1.05"OD
Water Capacity	2m <sup>3</sup> /h
Working Pressure	0.15-0.6MPa
Working Temperature	5-50°C
Power Supply	AC100-240V / 50-60Hz / DC12V-1.5A

## Automatic Filter Valve Large Flow

- Using ceramic to Move disk with small torque
- Abrasion resistance of sealing surface, well-sealed and long-lived  
It could be operated with pressure directly
- Raw water will not be supplied in the backwash and rinse positions
- Flowrate: 4T/H
- AF4-LED and AF4-P have 485 interface



AF4-LCD

Model	AF4
Working Position	Filter→Back Wash→Fast Rinse→Filter
Regeneration mode	Automatic / Timer by day: 0-99 days / Timer by hours: 0-99 hours
Inlet	1"
Outlet	
Drain	
Base	2-1/2"
Riser Pipe	1.05"OD
Water Capacity	4m <sup>3</sup> /h
Working Pressure	0.15-0.6MPa
Working Temperature	5-50°C
Power Supply	AC100-240V/50-60Hz DC12V-1.5A

## Automatic Filter Valve Large Flow

- Automatic Filter Valve Large flow
- Using ceramic to move valve disk with small torque
- Abrasion resistance of sealing surface, well-sealed and long-lived
- It could be operated with pressure directly
- Raw water will not be supplied in the backwash and rinse positions
- Flowrate: 2T/H
- AF2-LED and AF2-P have 485 interface



AF2-L-LED

Model	AF2
Working Position	Filter→Back Wash→Fast Rinse→Filter
Regeneration mode	Filter→Back Wash→Fast Rinse→Filter
Inlet	1/2" 3/4" 1"
Outlet	
Drain	
Base	2-1/2"
Riser Pipe	1.05"OD
Water Capacity	2m <sup>3</sup> /h
Working Pressure	0.15-0.6MPa
Working Temperature	5-50°C
Power Supply	AC100-240V/50-60Hz DC12V-1.5A

## Automatic Softner Valve Downflow & Upflow type

- Don't supply water during regeneration (Except ASDU2-C)
- Downflow type or upflow type can be set in the program
- Using ceramic to move valve disk with small torque
- Abrasion resistance of sealing surface, well-sealed and long-lived

Flowrate: 8T/H

- ASDU8-LED has 485 interface



**ASDU8-LED**

Model	ASDU8
Working Position	Downflow type, Service-MBack wash-9Downflow Brine and close rise-9Back Wash rise-9Service Upflow type, Service-MBack wash-9Upflow Brine and close rise-9Back Wash rise-9Service
Regeneration mode	Automatic type, Motor Delay / Motor Immediate / Intelligent Motor Delay / Intelligent Motor Immediate, Timer by day, 0-31 days / Timer by hours, 0-99 hours
Outlet	1.5"
Outlet	1"
Drain	1/2"
Base	4"
Riser Pipe	1.25"OD / 1.6M"OD
Water Capacity	8m <sup>3</sup> /h
Supply flow water during regeneration	0
Working Pressure	0.15-0.6MPa
Working Temperature	5-50°C
Power Supply	AC200-240V / 50-60Hz / DC12V-1.5A

## Automatic Softening Valve

### Upflow type

- For industrial use
- Small valve body with large flow rate
- Refill with softened water
- Hard water will be supplied continuously in the 4 regeneration positions
- Upflow regeneration type
- Flowrate: 6T/H
- ASU6-LED has 485 interface



Model	ASU6
Working Position	Service→Back wash→Brine and slow rinse→Fast rinse→Refill softened water
Regeneration mode	Automatic type: Meter Delay / Meter Immediate / Intelligent Meter Delay / Intelligent Meter Immediate Timer by day: 0-99 days / Timer by hours: 0-99 hours
Inlet	
Outlet	1"
Drain	1/2"
Base	2-1/2"
Riser Pipe	1.05"OD
Water Capacity	6m³/h
Working Pressure	0.15-0.6MPa
Working Temperature	5-50°C
Power Supply	AC100-240V / 50-60Hz / DC12V-1.5A

## Automatic Filter Valve Large Flow

- Automatic Filter Valve Large flow
- Using ceramic to move valve disk with small torque
- Abrasion resistance of sealing surface, well-sealed and long-lived
- It could be operated with pressure directly
- Raw water will not be supplied in the backwash and rinse positions
- Flowrate: 6T/H
- AF6-LED and AF6-P have 485 interface



AF6-LED

Model	AF6
Working Position	Filter→Back Wash→Fast Rinse→Filter
Regeneration mode	
Inlet	Automatic / Timer by day: 0-99 days / Timer by hours: 0-99 hours
Outlet	
Drain	1.5"



## Automatic Filter Valve Large Flow

- Using ceramic to move valve disk with small torque
- Abrasion resistance of sealing surface, well-sealed and long-lived
- It could be operated with pressure directly
- Raw water will not be supplied in the backwash and rinse positions
- Flowrate: 8T/H
- AF8-LED has 485 interface



AF8-LED

<b>Model</b>	<b>AF8</b>
Working Position	Filter→Back Wash→Fast Rinse→Filter
Regeneration mode	Automatic / Timer by day: 0-99 days /timer by hours : 0-99 Hours
Inlet	2"
Outlet	
Drain	
Base	4"
Working Temperature	5-50 C
Power Supply	AC100-240V/50-60HzDC24V-1.5A