Water Softner Composite

Single Performance

Features

- Filter tank in composite material for 10 bar
- Valve body in brass or Noryl.
  Maximum incoming pressure is 8.6 bar
- Time or water meter controlled
- The valve is centrally located
- The valve is powered by 230V/50-60Hz,
  1-phase

Suitable for

- Industries
- Small and medium-sized municipal water works
- Hospitals
- Steam plants, laundries
- Residential properties
- Maritime applications

Technical description - time-controlled and volume-controlled

The time-controlled automatic can be set to regeneration every day to every twelfth day. Parts in contact with liquid are made of completely corrosion-resistant materials.
The water meter controlled automation starts a regeneration when the preset water volume has passed the filter. The connection between the water meter and the counter is mechanical or communication cable, which means less risk of external interference. The automatic is placed centrally on top of the filter.

For further technical data, see chart on reverse page.

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ADVANCED WATER TECHNOLOGY
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Water Softner

The principle of softening

The softening material (the ion exchanger) is a polymer-based synthetic resin product that is able to absorb hardness-forming salts (ions), such as calcium and magnesium, from a water solution and at the same time emits the same amount of sodium ions into the solution. This chemical reaction is reversible.
After the softening material is saturated with ions, in this case calcium and magnesium, the material is returned to its original state by regeneration with saline.

CONTROL OPTIONS

Function T

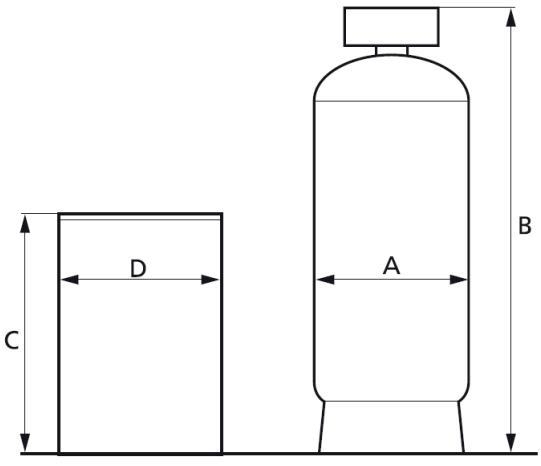
Time-controlled filter where the start of regeneration takes place at pre-set 24-hour intervals.

Function V

Water meter-controlled filter where regeneration starts when a pre-set volume of water has passed through the filter. The regeneration starts immediately. Can also be obtained with delayed start or equipment with external volume measurement.

Working pressure 10 bar Max. temperature 45°C	Flow capacity (l/min)		Indexcapacity m3 at 1 °dH	Salt consumption in kg	Pipe connection	Salt container Volume in L
Filter type	Normal	Max				
JB-25	30	55	110	4,2	male M25	200
JB-30	40	60	135	5	male M25	200
JB-33	45	70	170	6,5	male M25	200
JB-35	70	120	225	8,5	male M40	400
JB-41	75	150	300	11	male M40	400
JB-53	130	230	460	17	male M50	1000
JB-61	160	300	700	26	male M50	1000
JB-76	280	420	1100	40	male M50	1750

Dimensions in mm					
Filter type	A	B	C	D	Volume in liter
JB-25	260	1560	1050	530	200
JB-30	300	1400	1050	530	200
JB-33	330	1540	1050	530	200
JB-35	350	1810	1050	530	200
JB-41	410	1810	1050	530	200
JB-53	530	1920	870	765	400
JB-61	610	2165	870	765	400
JB-76	760	2300	1280	1000	1000



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