

Water Softner 316L

Single Performance



Features

- Filter tank in acid-resistant stainless steel, AISI 316L (EN1.4404).
- Approved according to PED for 6 or 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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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.

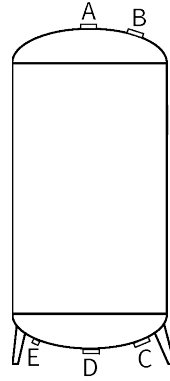
After the softening material is saturated with ions, in this case calcium and magnesium, the material is returned to its original state by regeneration with saline.

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.



- A = Valve connection
- B = Filling connection,
not apply for JB-55 and JB-80
- C = Draining filter media,
not applicable to JB-55 and JB-80
- D = Distributor system
- E = Draining

Filter type	Flow capacity		Index capacity m ³ at 1°dh	Salt consumption in kg	Pipe connection in male M	Salt container volume in L
	normal	max				
JB-55	30	55	90	3,5	male M225	200
JB-80	45	70	135	5	male M225	200
JB-175	75	140	290	11	male M240	200
JB-310	130	230	500	19	male M250	400
JB-500	170	310	740	28	male M250	400
JB-800	300	450	1060	40	male M250	1000
JB-1400	390	560	2500	88	male M280	1000
JB-2300	560	850	3600	127	male M280	1750

Max working pressure 8.6 bar, Max. temp 50°C, Electrical data 24V 50Hz. S-marked protective transformer 230/24V included.

Filter type	Dimensions in mm			
	A	B	C	D
JB-55	250	1585	820	570
JB-80	300	1545	820	570
JB-175	400	1790	820	570
JB-310	550	1930	870	765
JB-500	650	1970	870	765
JB-800	800	2100	1280	1000
JB-1400	950	2470	1280	1000
JB-2300	1200	2580	1535	1750

