

AquaSTAR®

industrial water softening systems



AquaSTAR

Hardness in the water causes costly problems for most industrial and household uses.

Hardness is caused by the calcium and magnesium ions dissolved in water.

These ions cause scaling inside pipes and nozzles. Due to this problems of flow rate loss and big energy losses.

High levels of hardness also cause health problems when the water is used for drinking. Aquastar softeners remove hardness from the water completely, by exchanging hardness ions with sodium ions by means of high quality ion exchange resins.

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Automatic operation

Time clock

- Regeneration is initiated at a present time and programmed intervals.

Volumetric

- Regeneration is initiated when a preset volume of water has been treated by the softener.

Quality controlled (optional)

- Regeneration is initiated when the hardness of the treated water reaches a preset value.

- AS series softeners can be installed as a single unit, parallel or duplex units.
- AS series softeners provide reliable operation with lowest consumption of salt and water.



DEALER

AS and AST 200 - 6000

Technical Data

EXCHANGE CAPACITY	1.200 - 36.150 m ³ F								
RESIN QUANTITY	200-6000 liters								
FLOW RATE (m ³ /h)	10-250								
INLET/OUTLET	1" - 6"								
FILTER TANK	St-37 carbon steel, totally sand blasted to SA2½, internally 250µ epoxy coated, and externally rust proof painted								
CONTROL VALVES	Hydraulic diaphragm valves or pneumatically actuated butterfly valves, controlled by a pilot valve								
AUTOMATION	Microprocessor control with easy programming and screen; displaying backwash time, treated water quantity, remaining capacity, flow rate etc.								
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