

Softeners

Among the many products manufactured and marketed in **Engineering Romin** strategic for the treatment of water **softeners** are found. These are designed to remove water hardness, which is produced by calcium and magnesium. Effective use of our softeners, these salts are removed almost completely, resulting in soft water.

The softener does its job through ion exchange resins cationic type, replacing the calcium and magnesium from water by sodium. These resins require regeneration with sodium chloride in order to regain their interchangeability. There are two types of feedbacks:

Regeneration timing (time)

It is produced by a programmed time, without influencing water consumption. This system has the disadvantage that for large consumption, the computer may provide hard water, as well as lack of consumption occurs without salt wasting necessary.

Regeneration ratio (by volume)

It is produced from a set volume of water. This system has advantages such as saving in the amount of salt (since if it is running the team spends no salt) and a constant water quality, as if the volume is higher than programmed the computer regenerates before.



Features softeners

- Automatic valves for flow and time.
- Tanks Structural industrial brand.
- Resins for high efficiency.
- Brine tanks made of polypropylene.
- Skid-mounted units (optional).
- Designed for commercial and industrial use.
- Reduced water consumption.
- Reduced salt intake.

Benefits

Effective use of our softeners, you will accomplish:

1. Avoid fouling and clogging of pipes, saving costly repairs.
2. Make more efficient water heaters, decreasing the consumption of gas or electricity.
3. Saving soap in the wash cloths, dishes, etc..

Main uses softened water

- To prevent tartar buildup in boilers, water heaters, steam irons and dishwashing machines, etc.
- To pre-treat the feed water for reverse osmosis equipment, preventing it from contaminating the membranes.