

WATER SOFTENERS



WHAT'S THE PROCESS?

Water softening is the process of removing hardness, or dissolved minerals, which are often present in water in ion form. These include calcium, magnesium, barium, radium 226 & 228, and other soluble metals.

A wide spectrum of industries require water purified of these contaminants, including Cosmetics, Textiles, Electronics, Electroplating, Pharmaceuticals, Food Processing, Optics, Manufacturing, and Municipalities.



CONSTRUCTION

- Painted carbon, fiberglass, or stainless steel vessels
- Thermoplastic, stainless steel, or brass piping
- ASME labeled or non-code vessels



MEDIA

- Strong-acid cation
- Gel or Macroporous



REGENERATOR OPTIONS

- Co-current or counter current brining
- Brine pump or venturi injection
- Day tank or bulk salt storage silo
- Sodium chloride or potassium chloride



CONTROLS

- Initiation by clock, delta-P switch, batch meter, hardness or push-button
- Proportional raw water blending
- Electronic sequencer or microprocessor



VALVE TYPES

- Automatic butterfly, ball, or diaphragm
- Manual lever-operated, or multiport
- Motor-driven or pneumatic actuator
- Solenoid pilot or motor-driven stager
- Speed controls & position indicators



CONTACT US:
info@refinitewater.com