

SoftPro Water Systems Details Efficiency Features of the SoftPro Elite HE Water Softener for City Supplies

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Hard water often goes unnoticed until its effects accumulate on fixtures, appliances and household plumbing. Dissolved calcium and magnesium leave scale inside pipes and water heaters, cause soap to lather poorly, spot dishes and glassware, and can leave skin and hair feeling dry. Water hardness is measured in grains per gallon (GPG), with supplies above roughly 7 GPG classified as hard. Because many conventional softeners consume significant salt and water during regeneration, efficiency has become a central consideration for homeowners on municipal supplies, a concern SoftPro Water Systems addresses with the SoftPro Elite HE Water Softener for City Water.

The system relies on salt-based ion exchange, a process in which hardness minerals bind to resin beads and are swapped for sodium ions. According to SoftPro, the SoftPro Elite Water Softener uses upflow regeneration, which pushes captured minerals up through the depleted portion of the resin bed and out to drain, conserving salt and preserving unused resin capacity. This true removal differs from salt-free scale-prevention systems, which condition minerals rather than extract them from the water.

The unit uses 10 percent crosslinked, high-capacity resin, which the company states resists chlorine breakdown better than standard 8 percent resin, a factor relevant to chlorinated city water. Internal plumbing of one inch or larger is designed to maintain household water pressure.

The control valve initiates regeneration based on actual water use rather than a fixed timer. According to SoftPro, a precision brining feature pre-makes only part of the brine and tops up based on resin depletion for additional salt savings. Other functions include Auto Reserve, a quick-recharge cycle, Vacation Mode with an automatic refresh after seven days of no use, an automatic backwash override on clean city water, a brine tank refill using softened water, and a capacitor that retains date and time for at least 48 hours during a power outage.

The SoftPro City Water Softener is available in 32,000, 40,000, 48,000 and 64,000 grain configurations. The company describes a general sizing method of household size multiplied by about 75 gallons per person per day, multiplied by local GPG hardness, matched to the regeneration interval. SoftPro estimates that a typical household regenerates roughly every 14 days and uses about one 40-pound bag of salt every two to four months, figures that vary with water use and hardness.

Because a softener does not remove chlorine, chloramine or fluoride, SoftPro offers optional filtration add-ons, including a Gold package with a Chlorine+ Carbon Filter and a Gold+ package adding a Chlorine+ and Fluoride SUPER Filter.

The system carries NSF, WQA, ANSI and IAPMO recognition. NSF/ANSI 44 is the benchmark standard for residential cation exchange softeners. A limited lifetime warranty covers the control valve and essential components.

"Testing local water hardness before selecting a capacity helps homeowners match a system to real conditions," said a spokesperson for SoftPro Water Systems. "The design priority for the Elite HE was reducing the salt and water used during regeneration while still removing hardness through genuine ion exchange."

The unit installs at the point of entry, and the company states many homeowners with basic plumbing skills complete the work in a few hours, with professional installation an option for copper lines or complex layouts. Outdoor spigots can be bypassed to remain unsoftened.

SoftPro Water Systems specializes in water treatment solutions for homes and businesses, including

softeners for city and well water, whole house filters, iron filters and commercial systems. Readers can learn more or size a system at softprowatersystems.com.

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SoftPro Water Systems specializes in delivering innovative, high-quality water softener, filtration and treatment solutions for homes and businesses.

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