

## How a Water Softener with the Fleck 7000 Valve Works.

### Water Softening Process

Hard water enters the water softener system. As it passes through the resin inside the tank, the hard water minerals are attracted to the resin and the water is softened to service the home.

### Regeneration Process

When the resin becomes saturated with hard water minerals, the water softener system automatically goes into regeneration. This is the process that frees the resin of hard water minerals, making it ready to soften the water again.

Brine water is drawn into the tank and rinses the hard water minerals off the resin and down the drain. Once the resin is free of hard water minerals, fresh water rinses the remaining brine water out of the system leaving the system ready for service.



*Upscale home? More plumbing fixtures? Greater water demands?*

## Introducing the New 7000 High Flow Rate Water Softener



STRUCTURAL



# More Water in Less Time than Any Other Residential Water Softener.



*A water softener system with a Fleck 7000 valve meets water demands of newer and larger homes.*

## Thirty-five gallons per minute fills tubs faster.

There's nothing better for the upscale home than a water softener with the new Fleck 7000 high flow rate control valve. Designed specifically for both 1 inch,

and 1.25 inch pipes, the 7000 high flow rate control valve delivers a continuous flow of 25 GPM to 35 GPM (with optional piston) at 15 psi drop. That makes it the softener of choice for new housing where more plumbing fixtures can create a bigger demand for water. What's more, the 7000 valve features the highest backwash flow rate. That means higher efficiency and performance, especially for filter applications.



*Installing a water softener system with a Fleck 7000 valve delivers the highest flow rates available in a residential system.*

## Advanced technology for added durability.

Manufactured from high-tech materials, the 7000 valve has been engineered and tested to withstand the equivalent of 27 years of uninterrupted daily use.



*Electronic Timer*

## Electronic control.

The new 7000 valve features advanced electronics for easy programming and minimal parts. Switches, cycle cams, wiring harnesses and wire nuts have been eliminated. In addition, variable brining, variable reserve, high efficiency regeneration and simplified programming are now standard.

## Only pennies per day to operate.

With the SE electronic timer, you'll pay only \$4.87 in electricity for the entire year! That's less than 2 cents a day!\*

\* Based on one regeneration per day at \$0.0745/kw.