

# How a Water Softener 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

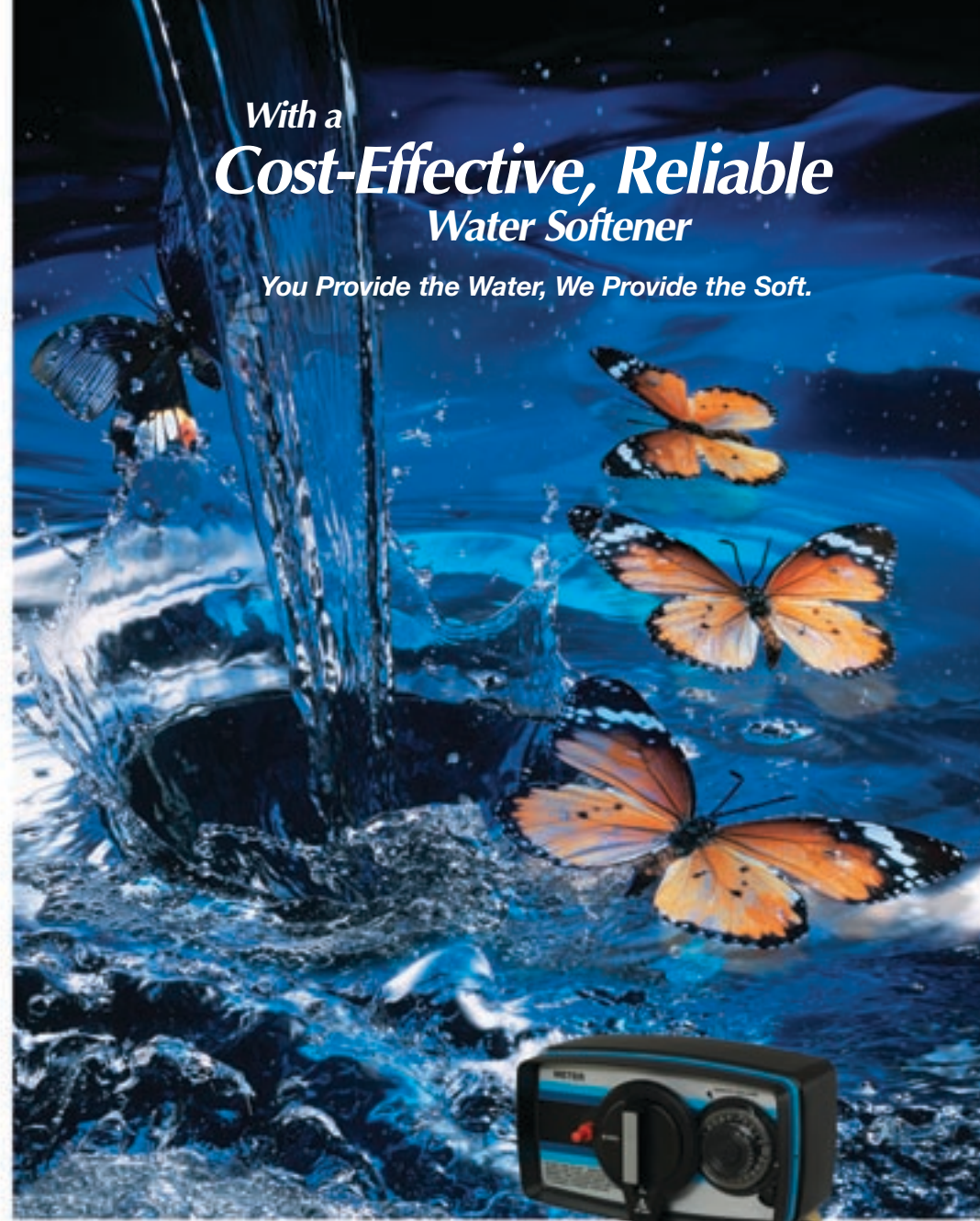
When the resin becomes saturated with hard water minerals, the water softener system goes automatically into regeneration. This is the process that frees the resin of hard water minerals, making it ready to soften the water again.

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.

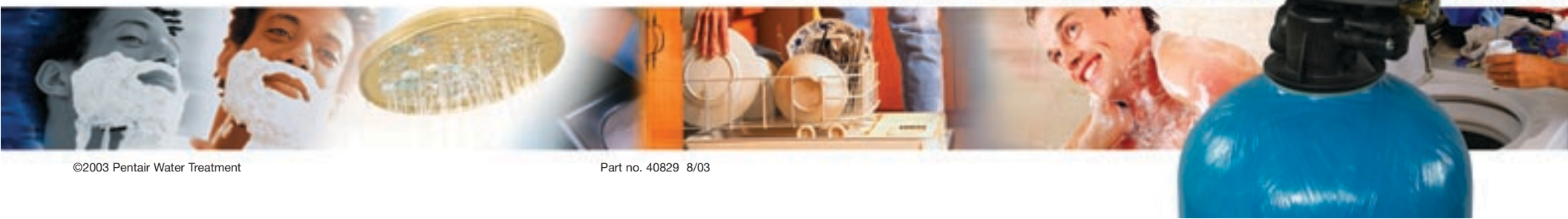


With a  
**Cost-Effective, Reliable**  
**Water Softener**

*You Provide the Water, We Provide the Soft.*



STRUCTURAL



# One of the most reliable solutions for your family.

A Water Softener with a Fleck 5600 Valve.



## Advanced technology for advanced performance.

Key to the exceptional quality and performance of a water softener with a Fleck 5600 control valve is the proven piston-seal-spacer technology. This technology features a hydraulically balanced, Teflon-coated piston with a seal and spacer to effectively control service flow and regeneration. With only one moving part, the self-cleaning piston undergoes less wear and tear over time. The end result? A highly durable water softener with unsurpassed performance. Fleck's technology is so reliable, one water softener was recently found in perfect working condition after 38 years.



Teflon-coated piston

## High durability.

The 5600 control valve has been engineered and tested to withstand the equivalent of 27 years of uninterrupted daily use.



Installing the Fleck 5600 softener system can save significant amounts of water and salt.



Advanced SE Electronic Timer



Mechanical Timer

## Optional meter or mechanical control.

Your choice of a mechanical timer that initiates regeneration on a preset basis, whether needed or not, or a more efficient meter system that measures the water used. Because meter systems control regeneration based on water volume instead of time, you can save significant amounts of both water and electricity.