

# How the Twin-Tank Softener works.

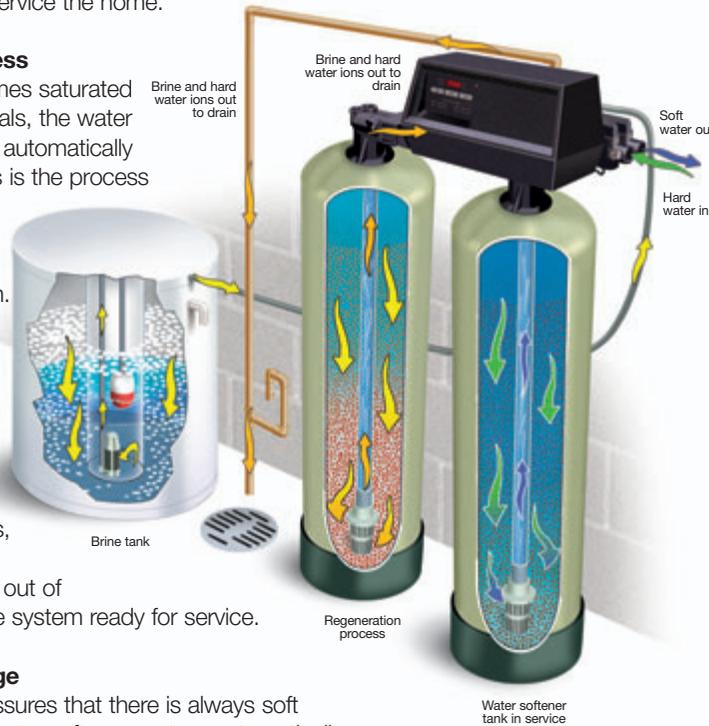
## Water Softening Process

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, soft water rinses the remaining brine water out of the system leaving the system ready for service.



## Twin-Tank Advantage

A twin-tank system assures that there is always soft water available. The water softener system automatically switches the flow to the fresh second tank while the first tank is regenerating. Thus, the system always delivers soft water without interruption.





**Twin tanks provide continuous soft water.**

With the new twin-tank softener system featuring the Fleck 9100 control valve, businesses benefit from soft water 24 hours a day, seven days a week. Should your demand for soft water suddenly spike – for instance, from unexpected demand – the second tank of softened water is there as a backup, with an innovative quick connection for seamless switching between the tanks.

Why is soft water so critical to businesses in the first place? Hard minerals in the water can clog plumbing lines, negatively affecting product taste and/or performance. Without soft water more soap and other additives are required to achieve desired results, and stains and mineral residue are common.



Noryl® material



Installing a twin-tank softener featuring the Fleck 9100 valve can save significant amounts of water and salt.



3200 Mechanical Timer



Advanced SE Electronic Timer

**Noryl® material for added durability.**

Manufactured from high-tech Noryl® material, the 9100 valve is highly corrosion resistant. Its light-weight, electrical insulating properties and superior impact strength make it the material of choice for this highly reliable and durable valve. The 9100 is also available in lead-free brass. Both versions have been engineered and tested to withstand the equivalent of 27 years of uninterrupted

daily use. In addition, they offer the added advantage of having only a single moving part in contact with water for low maintenance.

*\* Noryl® is a registered trademark of the General Electric Company*

**15% savings in both water and salt.**

Unlike preset systems, the twin-tank system regenerates with soft water only when necessary. Plus it uses 100% of the tank in service. The end result? Fifteen percent savings in both water and salt.\*\*

*\*\* Compared to a system with meter delayed regeneration and the reserve set at 30% of the system capacity, provided that half of the reserve capacity is unused.*

**Electronic or mechanical.**

Your choice of the highly reliable 3200 mechanical timer or advanced SE electronic timer with easy programming and minimal parts.

**Only pennies per day to operate.**

Choose the SE electronic timer, and you'll pay only \$4.87 in electricity for the entire year. Choose the mechanical timer, and that cost is less than 25 cents per year!\*\*\*

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