

# WATER CONDITIONING SYSTEMS

*Soft water makes a difference you can feel and see.*



*A variety of control valves and additional options available.*



Fleck 5600SE



GE 760 Logix



Fleck 2510SE



Fleck 9000



Fleck 7000

## "How does a water softener work?"



- 1) The body of a water softener is a tank filled with resin beads. These beads are covered with sodium ions. As hard water passes through, the resin beads act like a magnet, attracting the calcium and magnesium ions (hardness) in exchange for the sodium ions.
- 2) Eventually the resin beads become saturated with mineral ions and have to be "re-charged." This process is called regeneration, and is conducted by the control valve on the top of the tank. The control valve is the brain of the system.
- 3) During regeneration, a strong brine solution is flushed through the resin tank, bathing the resin beads in a stream of sodium ions which replace the accumulated calcium and magnesium ions (hardness).
- 4) The brine solution, carrying the displaced calcium and magnesium ions, is then flushed down the drain by fresh water. The regenerated resin beads can be used again and again.

## Soft water makes a difference you can feel and see, all over the house.

**In the Bathroom:** Your soap and shampoo will lather better. Your hair and skin will feel noticeably cleaner, softer, and not as dry. There will be no soap scum or mineral deposits to clean off sinks, showers, tubs and toilets.

**In the Laundry:** Clothes will be softer, cleaner, whiter and brighter. Plus they will last longer. Using soft water and pure soap products increases the life of clothing, towels and linens up to 33%. Without hard water service issues, washing machines last longer, too.

**In the Kitchen:** Dishes will clean up more easily, and be spot free, without the gray film glasses get when etched by mineral-laden water. Plus hands will feel softer and look better.

**Throughout the House:** Water-using appliances will last longer and run better. Why? Because hot water heaters, washing machines and dishwashers used with hard water can wear out 30% faster.



## Custom Medias

Media	Use
Anthracite	Sediment reduction
Garnet	Fine filtration
Calcite	pH control
Birm	Iron and manganese reduction
Corosex	pH correction
Filter-AG	Suspended solid or iron removal
Sand	Sediment reduction
Activated Carbon	Chemical reduction
Catalytic Carbon	Chloramine reduction
KDF55	Chlorine and heavy metals reduction
KDF85	Chlorine, heavy metals & hydrogen sulfide reduction
Activated Alumina	Arsenic, fluoride & silica reduction
Pyrolox	Metals & hydrogen sulfide reduction
MTM	Metals & sulfides reduction high flow
M. Greensand	Hydrogen sulfide, iron & manganese



A variety of control valve and tank media options are available. Let us custom build a water conditioning system for you today.

