

# WATER TREATMENT SYSTEMS

Capacity is one of the first things you should look for in a water treatment system. The average family uses 80 to 100 gallons of water per person per day. That means a household of five requires 400 gallons of softened water daily.



## How the Touch Screen System Conditions Water

Hard water passes through the media tank that contains resin beads coated with sodium ions. The calcium and magnesium ions are exchanged for sodium (or potassium) ions, thus softening the water. When the beads have trapped the hardness and need to be regenerated, the Hi-Flow's control valve charges them with the brine from the brine tank.

As regeneration occurs, calcium and magnesium (hardness) ions are freed from the beads, replaced with sodium or potassium ions; and the system is ready to soften water again.

## Custom Touch Screen Electronics:

- Cutting Edge Touch screen display technology with easy to understand icons for quick information access & setting valve.
- Dealer Contact Screen (*dealer logo insert option*)
- Relay Driver Output Type
- Meter (DIR) or time clock initiated regeneration
- Continuity of Front cover look, but with touch screen display.



### Brine tank performance insurance

All Charger water softeners may be ordered with optional salt grid which virtually prevents salt bridging.

### Demand Initiated Regeneration (DIR)

Save water and up to 40% in salt usage by adding meter-controlled regeneration to your unit.



Touch Screen System

Your **Charger** Water Treatment Dealer:

## Why **SOFT** WATER?

### Your Water, The Universal Solvent!

Water is considered the universal solvent. As it passes from liquid to vapor and back again, it tends to dissolve everything it touches - whether in the air as water vapor where it can mix with sulfur from smoke stacks forming acid or from the ground, absorbing calcium, magnesium, sulfur, iron, lead and limestone - water can have a negative impact on you, your household and your pocketbook.

Depending on where you live, contaminants from sewage, industrial waste and agricultural run-off can also seep into your water supply.

### Hard water produces scale.



Stains or buildup on your sinks and bathtubs, using large amounts of soap to clean dishes or wash your hair, or odd tasting or smelling water, are all results of hard water. If left untreated, the minerals in hard water will cause yellow stains on plumbing fixtures and be deposited as scale, eventually clogging plumbing and shortening the life of appliances like washing machines, water heaters and dishwashers.

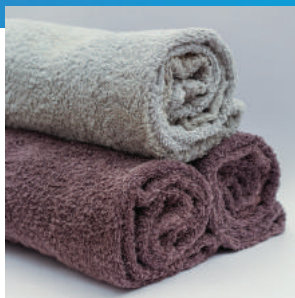
*Water Treatment Systems eliminate the effects of hard water. They "soften" the water by removing the calcium and magnesium found there, extending the useful life of water heaters, coffeemakers, humidifiers and household plumbing as well as many other appliances and fixtures that water passes through by as much as 30%.*

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



#### IN THE BATHROOM:

- Better lather
- Gentle and less dry for skin
- Eliminate soap scum and



#### IN THE LAUNDRY:

- Clothes are softer, cleaner, whiter and brighter
- Increase clothing life up to 33%
- Extend the life of your washing machine



#### IN THE KITCHEN:

- Spot free, cleaner dishes
- No film or mineral etching on glass