



# DFSM Series

*Because water touches so much of your life.*



**Continuous soft water  
24 hours per day,  
7 days per week!**

## Benefits

### **For The Laundry**

Clothing looks cleaner with reduced fading and fabric wear. Clothing life can be extended by as much as 15%. Soap and detergent consumption can be substantially reduced.

### **For The Kitchen**

Dishes and glasses look cleaner and brighter.

### **For The Family**

Hard water can cause dryness. Skin and hair washed in soft water look and feel better.

### **For The Home**

Water using appliances last longer. Softened water maintains energy efficiency.

## Featuring

- ◆ State of the art, top-mounted control valve with optimum service and backwash flow rates.
- ◆ User friendly, solid-state microprocessor control with all push-button settings.
- ◆ Continuous soft water 24 hours, 7 days per week.
- ◆ Digital display of time of day, days until next regeneration, volume remaining, current flow rate, and total volume used (Totalizer).
- ◆ Adjustable cycle times allow minimal water usage.
- ◆ Corrosion resistant FRP resin tanks and polyethylene brine tanks.
- ◆ Motor-driven control valve. No solenoid or diaphragms to stick.
- ◆ Adjustable cycle times allow minimal water usage.
- ◆ Automatic Bypass during regeneration.

## Easily Eliminate Hard Water with Premier's DFSM Series

Hard water can make your life difficult. Hard water creates mineral scale deposits which can shorten the life of your pipes, plumbing and water-using equipment. Put an end to hard water mineral deposits with a Premier water conditioner. The DFSM series water softener removes calcium and magnesium, the hardness minerals, leaving your water softer, cleaner and clearer. With the Premier DFSM, you'll have soft water 24 hours per day, 7 days per week. **It pays to enjoy the benefits of a Premier water softener.**



### How does a Premier water softener work?

1. Hard water enters your water softener **1** and passes down through the ion exchange resin, which are charged with sodium ions. The hard water ions (calcium and magnesium) are attracted to the ion exchange resin and an equal amount of sodium ions are bumped off into the water supply. When the water reaches the bottom of the tank, it is softened and ready to be used in your home and business.
2. When the ion exchange resin is saturated with calcium and magnesium (hard water ions) it must be recharged. **2** A strong brine solution enters the tank and flushes the calcium and magnesium ions off the ion exchange resin and attaches itself.
3. A final rinse process ensures that any unused brine is rinsed from the system and your **1** Premier conditioner is now fully recharged and ready to provide you with soft water.
4. Your Premier control valve **3** controls this entire process, including the frequency of regeneration.

### Rust Purge Turbulator

Scrubs resin free of iron each time the softener regenerates, similar to an agitator in a clothes washer.

### Salt Support Platform

Allows the use of any type of salt. Greatly reduces maintenance.

### Durable Polyglass Mineral Tank

Rust and corrosion free service. National Sanitation Foundation Approved.

### High Flow System

Maximum distribution at minimal pressure loss.

### On-Time Delivery

All Premier Products shipments are carefully packaged and palletized as required and requested the same way, on every order ... every time.

### Hi-Capacity Cation Resin

Uniform and stable resin beads assure long life and maximum soft water. FDA Approved.

### Safety Brine Valve

The safety brine valve acts as a secondary shut-off in case of a power failure. Prevents messy overflow.

### High Density Polyethylene Brine Tank

Our brine tank has exceptional environmental stress crack properties. Solid One-Piece Polypropylene Salt Grid allows insoluble materials to settle out.



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