

Applied Systems Commercial and Industrial water softeners offer a balanced blend of value and performance for commercial and industrial applications that require a dependable supply of soft water for process use.

Systems can be custom engineered dependent on water quality, flow and pressure.

Contact Applied Systems for system selection, sizing or technical questions.



### OPERATIONAL PROCESS

Water enters the vessel and the velocity slows as contact is made with the resin bed. Upon contact with the resin, minerals in the water are attracted to the surface area of the resin which in turn allows

the process water to exit the vessel free of laden minerals. As the resin becomes saturated the effectiveness of the water softener gradually declines which in turn initiates the regeneration process.

### MATERIAL CONSTRUCTION

- Carbon steel
- Fiberglass reinforced plastic (FRP)

### SPECIFICATIONS

- Maximum salt dosage 15 lbs. per cubic ft.
- Minimum salt dosage 8 lbs. per cubic ft.
- Peak flow not to exceed 25 psi @ 25 gpm/ft sq.
- Continuous flow not to exceed 15 lbs. pressure drop @ 20 gpm/ft sq.

### MODELS

#### SFT 2S

Two vessels; one meter; series regeneration system

#### SFT 2S-SB

Two vessels; one meter; alternator system; one unit in service, one on stand-by

### FEATURES

- Variable time control allows for precise system programming
- Time controlled brine refill for consistent brining regardless of salt levels
- System services flow rates up to 280 gpm per vessel
- Single or multiple vessel systems

### OPTIONS

- Seismic and wind loads
- High pressure
- Corrosion allowance
- Epoxy lined piping
- Applied Systems AS1000 Series water softener regeneration controller
- PLC controls
- Non hard water bypass