

### STANDARD FEATURES:

- Single or Dual Tank Systems
- Continuous Flows up to 140 gpm
- NSF Approved Fiberglass Tanks
- 8% Crosslinked, High Capacity Cation Resin
- Hub and Lateral or Strainer Distributors as Appropriate
- Time Clock Initiated Regeneration
- Brine System
- Backwash Flow Controller

### ADVANTAGES:

- Standard Systems for Continuous or Intermittent Demand
- Materials Selected to Withstand Corrosive Environments
- Reliable, Low Restriction Valves
- Non-Clogging Distributors Allow Operation Over Wide Flow Rate Range and for Even Distribution
- Standard Designs Reduce Cost and Delivery Time
- With Proper Service, the Robust Design Virtually Eliminates Operator Involvement

### OPTIONS:

- Electronic Valve and Meter for Easy Programming and Flow Measurement
- Meter Initiated Regeneration
- Dual Units Options Include Parallel, Series, and Alternating Operation
- 10% Crosslinked Cation Resin
- Fine mesh Cation Resin
- Macroporous Cation Resin
- Factory Assembled, Dual Units Pre-piped and Wired Skid
- Manual Unit Isolation Valves
- Hot Water Capable Unit

**For Options Not Listed Here  
Please Contact Res-Kem**

Res-Kem FT-Series Water Softeners are single or dual tank, time clock initiated systems designed for commercial and light industrial applications to remove calcium and magnesium hardness from your water. Fully automatic, brass constructed, multi-port valves with adjustable regeneration cycles control Res-Kem FT-Series Softeners.

Res-Kem FT Softeners are designed to provide continuous soft water 24 hours per day for dual units. Single units are a cost-effective way to provide soft water where demand is intermittent. For either design, the only operator attention needed is to put salt in the brine tank.

Economical and efficient, the heart of the Res-Kem FT-Series Water Softener is the Fleck 2750, 2850, and 2900, all brass control valve. With a meter initiated, twin tank alternating design, one tank is in service while the second is held in stand-by. These rugged control valves provide a low maintenance, high flow rate, and quality system able to meet the most demanding needs.

### Why use a Water Softener?

Calcium and magnesium are hard scale forming minerals that build up on piping, heat exchangers, water heaters, boilers, and any steam equipment. This buildup results in costly repairs, increased energy consumption, plugged heat exchangers and boiler tubes. Also, hardness greatly reduces the service life of linens, clothing, appliances, and plumbing fixtures.

The following facilities are examples of ideal applications for water softening equipment:

- Apartments/Condominiums
- Car Washes
- Laundries
- Light Manufacturing Plants
- Office Complexes
- Hospitals
- Institutions
- Large Homes



SFT120



## FEATURES AND SPECIFICATIONS

Model	Capacity @ 15lbs NaCl per CF (grains)	Flow Rates (gpm)		Tank Size Diameter x Height (inches)	Resin Quantity (cu. ft.)	Brine Tank Diameter x Height (inches)	Salt Storage Quantity (lbs.)	Shipping Weight (lbs.)	Approximate Dimensions L x D x H Inches
		Service	Peak						
<b>SFT-60</b>	60,000	8	12	12X52	2	18X35	300	201	36x18x60
<b>SFT-60D</b>	120,000	16	24	12X52	4	18X35	300	386	52x18x60
<b>SFT-90</b>	90,000	11	17	14X65	3	18X35	240	279	38x18x72
<b>SFT-90D</b>	180,000	22	34	14X65	6	18X35	240	542	56x18x72
<b>SFT-120</b>	120,000	14	21	16X65	4	24X54	765	371	46x24x72
<b>SFT-120D</b>	240,000	28	42	16X65	8	24X54	765	716	66x24x72

<b>MFT-120</b>	120,000	15	22	16X65	4	24X54	765	371	46x24x72
<b>MFT-120D</b>	240,000	29	43	16X65	8	24X54	765	716	66x24x72
<b>MFT-150</b>	150,000	18	36	18X65	5	24X54	650	440	48x24x72
<b>MFT-150D</b>	300,000	36	72	18X65	10	24X54	650	660	70x24x72
<b>MFT-210</b>	210,000	24	46	21X62	7	24X54	586	560	51x24x69
<b>MFT-210D</b>	420,000	48	96	21X62	14	24X54	586	1,110	82x24x69
<b>MFT-300</b>	300,000	31	50	24X72	10	30X48	800	915	60x30x80
<b>MFT-300D</b>	600,000	62	100	24X72	20	30X48	800	1,775	88x30x80

<b>LFT-300</b>	300,000	31	63	24X72	10	30X48	800	920	60x30x86
<b>LFT-300D</b>	600,000	62	126	24X72	20	30X48	800	1,785	88x30x86
<b>LFT-450</b>	450,000	49	98	30X72	15	39X48	1,450	1,303	75x39x93
<b>LFT-450D</b>	900,000	98	196	30X72	30	39X48	1,450	2,530	109x39x93
<b>LFT-600</b>	600,000	70	120	36X72	20	39X48	1,200	1,700	81x39x96
<b>LFT-600D</b>	1,200,000	140	240	36X72	40	39X48	1,200	3,100	121x39x96

“D” Model Suffix: Dual Tank Model

Service Flow Rate: 10 gpm/ft<sup>2</sup> (For your specific water application, contact Res-Kem for sizing)

Peak Flow Rate: 20 gpm/ft<sup>2</sup>

Tank size and color may vary based upon local requirements.

Features	SFT Series	MFT Series	LFT Series
<b>System Design and Operation</b>			
NSF Approved Fiberglass Tank	◆	◆	◆
Brass Fleck Valve	2750 (1")	2850 (1 1/2")	2900 (2")
Plastic Fleck 7000 Valve	Option		
Metered System (Includes 3200NT and Meter(s))	Option	Option	Option
PVC, Polystyrene, and/or Polypropylene Distributors	◆	◆	◆
Safety Float Valve in Brine Tank	◆		
Commercial Air Check in Brine Tank		◆	◆
Brine Tank with Salt Grid (Not on 39x48 Brine Tank)	◆	◆	◆
ASME Code 24X72, 30X72 and 36X72 Mineral Tanks		Option	Option
Skid Assembly for Dual Units	Option	Option	Option
Manual System Isolation Valves	Option	Option	Option
<b>Number of Units, Operation, and Regeneration Initiation</b>			
Single Units, Time Clock Initiation	◆		
Dual Units, (“D” Model Suffix) Time Clock Initiation	◆	◆	◆
Single Units, Meter Initiation (Includes 3200NT and Meter)	Option	Option	Option
Dual Units, Parallel, Alternating, and Series Operation, Meter Initiation (Includes 3200NT and Meters)	Option	Option	Option