

# Saltreat softeners

**Saltreat** series of fully automatic, reliable and corrosion resistant water softeners is designed for the removal of hardness ions from water supplies and thus preventing the scale depositions on metallic surfaces. Single or Duplex units are available to ensure continuous supply of soft water and avoid interruptions during regeneration times.

**Saltreat** softeners are typically used for the treatment of boiler feedwater in industry, laundries as well as for residential applications.



## Tough, corrosion resistant

- Pressure vessels are constructed of durable composite resin and reinforced with high - tensile strength filament windings.
- Resists corrosion and provides years of reliable service.
- Thermoplastic liners are made of high strength polyethylene.

## Complete line

- Starts from 10" up to 79" diameter.
- Top only or top & bottom openings.
- Threaded or flanged openings.

## Better than steel

- Reinforced composite tanks are only one-third the weight of steel tanks and comparable in strength.



## Easy installation, low maintenance

- Lightweight tank design makes installation fast and easy.

## Superior quality

- Precision manufacturing methods and strict adherence to quality control processes ensure products meet the highest industry standards.



**Saltreat** pressure vessel is tested and certified by NSF against the NSF/ANSI Standard 44 for material and structural integrity requirements only.

The resin used in the **Saltreat** softeners is carefully selected of the finest grade to achieve maximum ion exchange efficiency at reasonable pressure drops.



Specification table : **Saltreat** softeners

SALTREAT Model	Service Flow Rate (gpm)		Capacity (Kilograins)	Tank Size (in) DXH	Resin quantity (Ft3)	Pipe Size (inches)	Brine TANK (Gallons)
	Service	Back wash					
SFS - 10	10	2.5	35	10 x 44	1.2	1	40
SFS - 13	15	5	75	13 x 54	2.5	1	40
SFS - 16	32	8	120	16 x 65	4	1 or 1.25	40
SFS - 21	52	13	195	21 x 60	6.5	1.25 or 1.5	100
SFS - 24	76	19	285	24 x 69	9.5	1.5	100
SFS - 30	106	30	450	30 x 72	15	2	100
SFS - 36	160	40	685	36 x 72	22	2 or 3	250
SFS - 42	210	50	850	42 x 78	25	3	250
SFS - 48	260	70	1100	48 x 82	35	3	250
SFS - 55	325	100	1500	55 x 83	50	3	300
SFS - 63	425	130	1950	63 x 103	65	3	500

For all **Saltreat** models:

#### Operating parameters

- Operating pressure : 2 - 8.6 bar
- Operating water temperature : 4 - 43 °c
- Power requirement : 220/240 V, 50 Hz

#### Performance testing

- Burst testing up to four times the rated operating pressure.  
Operating pressure: 150psi
- Cycle tested up to 250,000 times.  
Cycle test 10psi to 150psi.

