

# Fiberglass Tank Water Softeners

## SOFTMATCH 100 Series

The SoftMatch 100 Series Water Softener is designed specifically to remove high levels of minerals that create hard-water conditions, principally Calcium and Magnesium. These system provide economical solution to eliminate problems associated with hard water scale build-up on pipes, water heaters, washing machines, dish washers, coffee makers, humidifiers and the unsightly soap curd that forms on everything that is cleaned with a mixture of hard water and soap. The water softener removes hardness from water supply by filtering it through a resin softening medium. Salt is used to revitalize system periodically to provide soft water.

### APPLICATIONS

- |                       |                    |
|-----------------------|--------------------|
| + Apartment Buildings | + Motels & Hotels  |
| + Beauty Shops        | + Nursing Homes    |
| + Boiler Feed Water   | + Office Buildings |
| + Car Washes          | + Resorts          |
| + Factories           | + Restaurants      |
| + Laundries           | + Schools          |

### STANDARD SPECIFICATIONS

- + Motorized piston control valve makes operation fully automatic
- + Optional meter regeneration
- + Safety brine valve prevents overflow during power outage
- + Fiberglass, seamless non-metallic mineral tank
- + High capacity ion exchange resin
- + Rigid polyethylene brine tank with dust tight cover
- + Time brine refill control provides ease in selection of salt setting with dial located on the main control valve assembly
- + 110V/1 Ph/60Hz
- + Valve dust cover
- + Brine air check

### AVAILABLE OPTIONS

- |                             |                          |
|-----------------------------|--------------------------|
| + 220V/1 ph/50Hz.           | + Meter Regeneration     |
| + 3/4" or 1" Bypass or Yoke | + Glossy Black BT Cover  |
| + 24V Transformer           | + Stainless Steel Jacket |
| + Grid Plate                | + Mixing Valve           |
| + Turbulator                |                          |



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**SOFTMATCH 100**  
Series

Model No.	Exchange Capacity (Grains)		Service Flow Rate GPM		BackWash Flow Rate (GPM)	Resin (Cu. Ft.)	Tank Size(inch)		Dimensions(inch)			Dry Weight (lbs)
	At 15#/Cu.Ft.	At 6#/Cu.Ft.	Continuous*	Peak**			Softener	Brine	Length	Width	Height***	
5600-3/4" PIPE SIZE												
SM1-56F715S	15,000	10,000	8	17	1.2	0.5	7X40	18X30	29	18	49	70
SM1-56F822S	22,000	15,000	9	17	1.5	0.75	8X40	18X30	30	18	49	85
SM1-56F930S	30,000	20,000	9.5	17	2	1	9X48	18X30	31	18	49	100
SM1-56F1050S	50,000	33,000	9.5	17	2	1.67	10X60	18X30	32	18	69	140
SM1-56F1260S	60,000	40,000	10	17	3.5	2	12X52	18X40	34	18	61	185
SM1-56F1375S	75,000	50,000	11	17	4	2.5	13X54	18X40	35	18	63	195
SM1-56F14100S	100,000	66,000	12	17	5	3.33	14X65	18X40	36	18	74	290
5000-1" PIPE SIZE												
SM1-50F715S	15,000	10,000	8	18	1.2	0.5	7X40	18X30	29	18	50	75
SM1-50F822S	22,000	15,000	9	18	1.5	0.75	8X40	18X30	30	18	50	90
SM1-50F930S	30,000	20,000	9.5	18	2	1	9X48	18X30	31	18	50	105
SM1-50F1050S	50,000	33,000	9.5	18	3	1.67	10X60	18X30	32	18	70	145
SM1-50F1260S	60,000	40,000	10	18	4	2	12X52	18X40	34	18	62	190
SM1-50F1375S	75,000	50,000	11	18	5	2.5	13X54	18X40	35	18	64	200
SM1-50F14100S	100,000	66,000	12	18	6	3.33	14X65	18X40	36	18	75	295
SM1-50F16120S	120,000	80,000	14	18	7	4	16X65	24X40	44	24	75	345

\* Specifications are subject to change without notice

Metric Units	Flowrate (m <sup>3</sup> /hr) = GPM / 4.4	Resin (m <sup>3</sup> ) = ft <sup>3</sup> / 35.3	Weight (Kg) = lbs / 2.2	Dimensions (mm) = inch x 25.4
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- \* @ 15psi pressure loss  
 \*\* @ 25psi pressure loss  
 \*\*\* Add 24" min. to allow for tank loading and inlet piping



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