

# Fiberglass Tank Water Softeners

## SOFTMATCH 300

Series

The Softmatch 300 Series Twin Econominder Water Softener System has a greater commercial operating capacity and takes up less space than other units. The combination of the larger capacity from the two mineral tanks and the brine tank provides a continuous 24-hours of soft water.

By setting the capacity dial, based on the water hardness in your area, the unit automatically monitors the usage of the water for the right capacity. The system will only clean itself when necessary.

### APPLICATIONS

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

### STANDARD FEATURES

- + 110V/1 Ph/60Hz
- + Valve dust cover
- + Brine air check
- + Choice of color
- + Twin tank alternating concept with meter initiation provides continuous Soft Water, 24-hours per day and regenerates only when needed, based on total gallon usage to save salt and water.
- + Fiberglass, seamless non-metallic mineral tanks provide maximum corrosion resistance and ease in handling during installation.
- + All Brass, motor driven control valve with fully Adjustable regeneration cycles eliminates problem caused by fluctuating water pressures and flows simplified.
- + Self-Adjusting backwash controller requires no field adjustment regardless of water pressure
- + Timed brine refill control provides ease in selection of salt setting with dial located on main control valve assembly.
- + High capacity polystyrene resin provides maximum hardness removal capacity and Salt efficiency
- + Rigid polyethylene brine tank with safety brine valve and dust tight cover, easy to handle, corrosion free with maximum salt storage capacity.



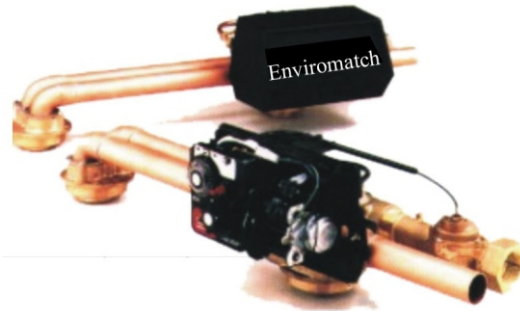
### AVAILABLE OPTIONS

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

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Model No.	Exchange Capacity (Grains)		Service Flow Rates (GPM)		BackWash Flow Rate (GPM)	Resin (Cu.Ft.)	Tank Size (Inch)		Dimensions (Inch)			Dry Wt. (lbs)
	At 15#/Cu.Ft.	At 6#/Cu.Ft.	CONTINUOUS (1)	PEAK (2)			Softener	Brine	Length (3)	Width	Height (4)	

### 9000 - 3/4" PIPE SIZE

SM3-9F715	15000,0	10,500	11	15	1.5	0.5X2	7X40	18X30	31	18	50	120
SM3-9F822	22,000/11	14,500	12	16	1.5	0.75X2	8X40	18X31	32	19	50	180
SM3-9F930	30000,0	20,000	14	18	2.4	1.0X2	9X48	18X32	33	21	58	195
SM3-9F1045	45000,0	30,000	15	19	3.0	1.5X2	10X54	18X33	34	23	64	250
SM3-9F1260	60000,0	40000,0	15	20	3.4	2.0X2	12X52	18X34	36	27	62	320

### 9000 - 1" PIPE SIZE

SM3-9F1260	60,000	40,000	16	21	3.5	2.0X2	12X52	18X40	36	27	62	320
SM3-9F1375	75000,0	50,000	16	21	4.0	2.5X2	13X54	18X40	37	29	64	475
SM3-9F1490	90,000	60,000	17	22	5.0	3.0X2	14X65	18X40	38	31	75	575
SM3-9F16150	150,000	100,000	18	23	7.0	5.0X2	16X65	24X50	46	35	75	725

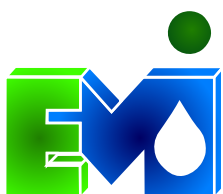
### 9000 - 1 1/2" PIPE SIZE

SM3-95F1045	45,000	30,000	16	20	2.4	1.5X2	10X54	18X30	34	23	65	290
SM3-95F1260	60,000	40,000	28	39	3.5	2.0X2	12X52	18X40	36	27	59	370
SM3-95F1375	75,000	50,000	28	39	4.0	2.5X2	13X54	18X40	37	29	65	500
SM3-95F1490	90,000	60,000	31	41	5.0	3.0X2	14X65	18X40	38	31	76	600
SM3-95F16150	150,000	100,000	34	46	7.0	5.0X2	16X65	24X50	46	35	76	750
SM3-95F21210	210,000	140,000	39	49	12.0	7.0X2	21X62	24X50	54	47	71	1100
SM3-95F24300	300,000	200,000	39	49	15.0	10.0X2	24X71	24X50	56	51	81	1500

\* Specifications are subject to change without notice.

Metric Units	Flowrate (m <sup>3</sup> /h) = GPM / 4.4	Media (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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- (1) @ 15 PSI Pressure Loss
- (2) @ 25 PSI Pressure Loss
- (3) Add diameter of softener tanks and brine tank, plus 6"
- (4) Add 24" minimum to allow for tank loading plus inlet piping



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