Commercial Water Softeners

Twin System FRP Tanks: 7” to 24” Diameter

SF-900F SERIES

The SF-900F Series Twin Alternating Water Softener System has a greater commercial operating capacity and takes up less space than other systems on the market. The combination of the two mineral tanks and the larger brine tank provide you with 24 hours of continuous soft water. Setting the capacity dial based on the water hardness in your area, the unit monitors the usage of soft water and only regenerates when needed.

Standard Features

- Premium fiberglass mineral tank
- Automatic motorized piston control valve, 5-cycle control
- Self-adjusting backwash controller
- Flow controller to limit backwash flow
- Timed brine refill control
- High exchange capacity polystyrene resin
- Rigid polyethylene brine tank with safety brine valve, dust cover, and tubing
- No hard water bypass

Available Options

- Extended range meter
- ASME coded tanks
- Epoxy lined or galvanized steel tanks
- 240V/1Ph/50Hz power supply
- Additional micro switch for interlock
- Inline hardness monitor
- Nickel plating for brass control valves
- Stainless steel or PVC jacket
- 3/4”, 1” or 1-1/2” bypass
- Salt grid plate
- Turbulator
- Mixing valve

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Operating Specifications

- Electrical supply: 115V/1Ph/60Hz
- Operating pressure: 30 - 125 psi (2 - 8.5 bar)
- Operating temperature: 35 - 100°F (2 - 38°C)

Applications

- Hotels and Motels
- Schools
- Apartment Buildings
- Restaurants
- Office Buildings
- Factories
- Laundries
- Car Washes
- Beauty Shops
- Boiler Feed Water

Model #	Exchange Capacity @ 15lbs/cu.ft. (grains)	Flow Rate (GPM)			Valve & Pipe Size	Resin Qty. (ft^3)	Tank Size (inch)		Salt Storage (lbs)	Shipping Weight (lbs)
		Service		Back-wash			Softener	Brine		
		Avg.	Peak							
9100 Control Valve - Twin Econominder Series										
91F715	15,000	11	15	1.5	3/4”	0.5x2	7x44	18x33	400	155
91F822	22,000	12	16	1.5	3/4”	0.75x2	8x44	18x33	400	189
91F930	30,000	14	18	2.4	3/4”	1.0x2	9x48	18x33	400	211
91F1045	45,000	15	19	3	3/4”	1.5x2	10x54	18x33	400	281
9000 Control Valve - Twin Econominder Series										
90F1260	60,000	16	21	3.5	1”	2.0x2	12x52	18x40	500	343
90F1375	75,000	16	21	4	1”	2.5x2	13x54	18x40	500	401
90F1490	90,000	17	22	5	1”	3.0x2	14x65	24x50	1,000	513
90F16120	120,000	18	23	7	1”	4.0x2	16x65	24x50	1,000	620
9500 Control Valves - Twin Econominder Series										
95F1260	60,000	28	39	3.5	1-1/2”	2.0x2	12x52	18x40	500	415
95F1375	75,000	28	39	4	1-1/2”	2.5x2	13x54	18x40	500	473
95F1490	90,000	31	41	5	1-1/2”	3.0x2	14x65	24x50	1,000	585
95F16120	120,000	34	46	7	1-1/2”	4.0x2	16x65	24x50	1,000	704
95F18150	150,000	34	46	7	1-1/2”	5.0x2	18x65	24x50	1,000	920
95F21210	210,000	38	49	12	1-1/2”	7.0x2	21x62	24x50	1,000	1170
95F24300	300,000	39	49	15	1-1/2”	10x2	24x72	24x50	1,000	1760

*All filters require periodic backwashing to dispose of the accumulated debris. This is accomplished by backwashing clean water through the unit and then disposing of the effluent. During this phase, the different sizes of media separate into layers, preparing the filter bed for service. Because backwashing generally occurs at higher flow rates than those seen in service, oftentimes a proper backwash flow rate is not possible because the systems are designed for required service flow rates. However, by utilizing smaller double or triple unit systems, the optimum backwash flow rate is lower; therefore, these systems operate at higher service flow rates.