

Commercial Water Softeners

Top Mounted FRP Tanks: 12" to 63" Diameter

SF-200F

SERIES

Pure Aqua's water softeners treat the water by removing hardness using resin. The resin replaces the hardness in the water with salt, which is regenerated periodically. The softened water can then pass through an RO system to remove the salt without the risk of scaling. Softeners can be used in a variety of services including: industrial, municipal, and institutional applications.

Standard Features

- 7 day time clock
- Premium fiberglass mineral tank
- All brass, motor driven control valve with fully adjustable regeneration cycles
- 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

Available Options

- 12 day time clock
- Meter control
- Tanks according to ASME code
- Stainless steel tanks
- Epoxy lined or galvanized steel tanks
- 240V/1Ph/50Hz power supply
- Additional micro switch for interlock
- Interlock wiring
- Inlet / Outlet sample valves
- Inlet / Outlet pressure gauges
- Systems using diaphragm valves
- Hot water applications
- Nitrate removal systems
- Vacuum breaker
- Twin or Duplex systems

Operating Specifications

- Electrical supply: 115V/1Ph/60Hz
- Operating pressure: 25 - 125 psi (1.73 - 8.6 bar)
- Operating temperature: 35 - 100°F (2 - 38°C)



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Model #	Exchange Capacity	Flow Rate (GPM)			Pipe Size	Resin Qty. (ft ³)	Tank Size (inch)		Salt Storage (lbs)	Shipping Weight (lbs)
		Service		Back-wash			Softener	Brine		
		Cont.	Peak							
27F1260	60,000	18	24	3.5	1"	2	12x52	18x40	400	176
28F1260		24	37		1.5"					182
29F1260		28	49		2"					196
27F1375	75,000	18	24	4	1"	2.5	13x54	18x40	400	215
28F1375		29	40		1.5"					221
29F1375		37	52		2"					235
27F1490	90,000	19	26	5	1"	3	14x65	24x50	750	251
28F1490		29	40		1.5"					257
29F1490		37	54		2"					271
27F16120	120,000	20	27	7	1"	4	16x65	24x50	750	310
28F16120		33	45		1.5"					316
29F16120		47	64		2"					330
27F18150	150,000	21	28	9	1"	5	18x65	24x50	750	393
28F18150		37	49		1.5"					399
29F18150		56	78		2"					413
27F21180	180,000	21	28	12	1"	6	21x62	24x50	750	498
28F21180		40	54		1.5"					504
29F21180		63	81		2"					518
27F21210	210,000	21	27	12	1"	7	21x62	24x50	750	543
28F21210		40	54		1.5"					549
29F21210		63	81		2"					563
28F24240	240,000	42	56	15	1.5"	8	24x72	24x50	1,000	784
29F24240		74	97		2"					798
39F24240		107	170		3"					858
28F24300	300,000	42	56	15	1.5"	10	24x72	24x50	1,000	874
29F24300		74	97		2"					888
39F24300		107	170		3"					948
28F30450	450,000	44	58	25	1.5"	15	30x72	30x50	1,200	1,314
29F30450		84	105		2"					1,328
39F30450		158	212		3"					1,388
29F36600	600,000	85	105	35	2"	20	36x72	30x50	1,500	1,710
31F36600		88	107		2"					1,716
39F36600		185	250		3"					1,770
31F42750	750,000	90	118	50	2"	25	42x72	50x60	4,500	2,689
39F42750		200	268		3"					2,743
31F42900	900,000	90	118	50	2"	30	42x72	50x60	4,500	2,914
39F42900		200	268		3"					2,968
31F481050	1,050,000	95	116	70	2"	35	48x72	50x60	4,500	3,241
39F481050		213	280		3"					3,295
31F481200	1,200,000	95	116	70	2"	40	48x72	50x60	4,500	3,466
39F481200		213	280		3"					3,520
39F631800	1,800,000	220	300	70	3"	60	63x86	50x60	4,500	5,040

*For twin models: add suffix "T" after model number, only available in 29Fxxxx and 39Fxxxx models.

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