

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
- All brass, motor driven control valve with fully adjustable regeneration cycles
- Rigid polyethylene brine tank with safety brine valve, dust cover, and tubing
- Premium fiberglass mineral tank
- Self-adjusting backwash controller
- Flow controller to limit backwash flow
- Timed brine refill control
- High exchange capacity polystyrene resin

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: 120VAC, 1-Phase, 60 Hz, 2 Amp
- Operating pressure: 25-100 psi (1.73-6.9 bar)
- Operating temperature: 2-38°C (35-100°F)

Benefits of SF-200F Series Water Softeners

- Cost-effective design using high efficiency resin
- Simplex, twin, or duplex options
- Fully automatic operation requiring minimal operator involvement
- Flexible system with options for immediate or delayed regeneration (i.e. regenerate overnight or during periods of no demand)
- Simple control system operating on low voltage to ensure safe installation and operation
- Service friendly design (minimal down time)
- Optional skid-mounted system minimizes installation, and start-up time



Hardness Monitor

The hardness monitor continuously monitors water systems to provide an alarm when total hardness exceeds a pre-set limit.

Commercial Water Softeners

Top Mounted FRP Tanks: 12" to 63" Diameter

SF-200F SERIES

Model #	Exchange Capacity (Grains)	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	4	1"	2	12x52	18x40	450	174
28F1260		24	37		1.5"					178
29F1260		28	49		2"					188
27F1375	75,000	18	24	5	1"	2.5	13x54	18x40	450	209
28F1375		29	40		1.5"					213
29F1375		37	52		2"					223
27F1490	90,000	19	26	6	1"	3	14x65	24x50	900	267
28F1490		27	40		1.5"					271
29F1490		37	54		2"					281
27F16120	120,000	20	27	7	1"	4	16x65	24x50	900	337
28F16120		33	45		1.5"					341
29F16120		47	64		2"					351
27F18150	150,000	21	28	9	1"	5	18x65	24x50	900	434
28F18150		37	49		1.5"					438
29F18150		56	78		2"					448
27F21180	180,000	21	28	12	1"	6	21x62	24x50	900	564
28F21180		40	54		1.5"					568
29F21180		63	81		2"					578
27F21210	210,000	20	27	12	1"	7	21x62	24x50	900	614
28F21210		39	52		1.5"					618
29F21210		60	77		2"					628
28F24240	240,000	42	56	16	1.5"	8	24x72	24x50	900	778
29F24240		74	97		2"					788
39F24240		107	170		3"					868
28F24300	300,000	40	54	16	1.5"	10	24x72	24x50	900	878
29F24300		68	99		2"					888
39F24300		158	212		3"					968
28F30450	450,000	44	58	25	1.5"	15	30x72	30x50	1400	1,390
29F30450		84	105		2"					1,400
39F30450		158	112		3"					1,480
29F36600	600,000	104	105	35	2"	20	36x72	30x50	1400	1,842
31F36600		78	107		2"					1,862
39F36600		185	250		3"					1,932
31F42750	750,000	86	113	48	2"	25	42x72	50x60	4500	2,848
39F42750		186	246		3"					2,918
31F42900	900,000	84	118	48	2"	30	42x72	50x60	4500	3,098
39F42900		200	268		3"					2,918
31F481050	1,050,000	83	109	63	2"	35	48x72	50x60	4500	3,750
39F481050		166	240		3"					3,820
31F481200	1,200,000	88	116	63	2"	40	48x72	50x60	4500	4,000
39F481200		213	280		3"					4,070
39F631800	1,800,000	220	300	100	3"	60	63x86	50x60	4500	6,915

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



PURE AQUA, INC.
Water Treatment and Reverse Osmosis Systems

sales@pureaqua.com +1 (714)432-9996
www.pureaqua.com +1 (844)309-7501



ISO 9001:2015
AWWA MEMBER



Water Quality

Authorized Dealer: