

Commercial Twin Water Softeners

Top Mounted FRP Tanks: 12" to 63" Diameter

**SF-200F-T
SERIES**

Pure Aqua's twin water softeners are ideal for situations where uninterrupted flow of soft water is required. Removal of minerals that cause hardness is accomplished by passing the water through the ion exchange resin. The resin replaces the hardness (Calcium and Magnesium minerals) in the water with salt. After a period of time, the ion exchange resin will become exhausted, a regeneration cycle will be required to reactivate the resin.



The SF-200F-T series 2" and 3" water softeners are engineered to handle higher flow rates. Whether it's a spot free car wash, laundry or mineral scale in boiler feed, the SF-200F-T offers a robust and efficient solution for reducing mineral scale, soap usage, and energy consumption in the plumbing and other water using equipment.

Standard Features

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

Operating Specifications

- 💧 Electrical: 120VAC, 1-Phase, 60 Hz, 4 Amp
- 💧 Operating pressure: 25 - 125 psi (1.73 - 8.6 bar)
- 💧 Operating temperature: 2-38°C (35-100°F)

Available Options

- 💧 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
- 💧 Skid mounted, pre-piped, and pre-wired systems
- 💧 Larger brine tanks
- 💧 Hardness monitor
- 💧 Progressive flow softeners

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Model #	Exchange Capacity @ 15lbs/cu.ft. (grains)	Flow Rate (GPM)			Valve & Pipe Size	Resin Qty (ft³)	Tank Size (inch)		Salt Storage (lbs)	Shipping Weight (lbs)
		Service		Back-wash			Softener	Brine		
		Avg	Peak							
29F1260T	60,000	28	49	4	2"	2X2	12x52	18x40	450	375
29F1375T	75,000	37	52	5	2"	2X2.5	13x54	18x40	450	445
29F1490T	90,000	37	54	6	2"	2X3	14x65	24x50	900	562
29F16120T	120,000	47	64	7	2"	2X4	16x65	24x50	900	701
29F18150T	150,000	56	78	9	2"	2X5	18x65	24x50	900	896
29F21180T	180,000	63	81	12	2"	2X6	21x62	24x50	900	1,156
29F21210T	210,000	60	77	12	2"	2X7	21x62	24x50	900	1,256
29F24240T	240,000	74	97	16	2"	2X8	24x72	24x50	900	1,576
39F24240T		107	170		3"					1,736
29F24300T	300,000	68	99	16	2"	2X10	24x72	24x50	900	1,776
39F24300T		158	212		3"					1,936
29F30450T	450,000	84	105	25	2"	2X15	30x72	30x50	1400	2,800
39F30450T		158	212		3"					2,960
29F36600T	600,000	104	105	35	2"	2X20	36x72	30x50	1400	3,684
39F36600T		185	250		3"					3,864
39F42750T	750,000	186	246	48	3"	2X25	42x72	50x60	4500	5,836
39F42900T	900,000	200	268	48	3"	2X30	42x72	50x60	4500	5,836
39F481050T	1,050,000	166	240	63	3"	2X35	48x72	50x60	4500	7,640
39F481200T	1,200,000	213	280	63	3"	2X40	48x72	50x60	4500	8,140
39F631800T	1,800,000	220	300	100	3"	2X60	63x86	50x60	4500	13,830

The exchange capacity is based on 30,000 grains per cubic foot of resin when regenerated with 15 lbs. salt. Shipping weights are estimate only. Weights include resin and gravel media, which are loaded to the tanks after installation.

Pure Aqua also supplies: Custom Engineered Solutions, Multimedia Pretreatment, Activated Carbon Pretreatment, Chemical Dosing Systems, Ultraviolet (UV) Sterilizers and Ozonation Systems.

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