

Commercial Water Softeners

Top Mounted FRP Tanks: 7" to 36" Diameter

SF-250A
SERIES

Pure Aqua's water softeners treat 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
- Automatic 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
- Epoxy lined steel tanks
- Stainless 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
- Systems for nitrate removal
- Vacuum breaker

Operating Specifications

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



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Applications

- Apartment/Condominiums
- Manufacturing Plants
- Hospitals
- Car Washes
- Office Complexes
- Restaurants
- Boiler Feed Water
- Food Processing Plants

Model #	Exchange Capacity	Flow Rate (GPM)			Pipe Size	Resin Qty. (ft³)	Tank Size (inch)		Salt Storage (lbs)	Shipping Weight (lbs)
		Avg.	Peak	Backwash			Softener	Brine		
255 Series 7 Day Time Clock Control										
25A715S	15,000	8	17	1.2	3/4"	0.5	7x44	18x33	350	86
25A822S	22,000	9	17	1.5	3/4"	0.75	8x44	18x33	350	104
25A930S	30,000	9.5	17	2	3/4"	1	9x48	18x33	350	116
25A1045S	45,000	9.5	17	2	3/4"	1.5	10x54	18x33	350	157
25A1260S	60,000	10	17	3.5	3/4"	2	12x52	18x40	350	177
268 Series 7 Day Time Clock Control										
26A715S	15,000	8	17	1.2	1"	0.5	7x44	18x33	350	86
26A822S	22,000	9	17	1.5	1"	0.75	8x44	18x33	350	104
26A930S	30,000	9.5	17	2	1"	1	9x48	18x33	350	116
26A1045S	45,000	9.5	17	2	1"	1.5	10x54	18x33	350	157
26A1260S	60,000	10	17	3.5	1"	2	12x52	18x40	400	177
CV Series 7 Day Time Clock Control										
CV16120	120,000	30	45	7	1.5"	4	16x65	24x50	750	365
CV18150	150,000	42	59	9	1.5"	5	18x65	24x50	750	453
CV21180	180,000	52	71	12	1.5"	6	21x62	24x50	750	563
CV21210	210,000	50	68	12	1.5"	7	21x62	24x50	750	608
CV24240	240,000	49	67	15	1.5"	8	24x72	24x50	750	818
CV24300	300,000	52	68	15	1.5"	10	24x72	24x50	750	908
CV30450	450,000	55	75	25	1.5"	15	30x72	30x50	1,500	1345
CVP30450	450,000	60	81	25	2"	15	30x72	50x60	4,500	1380
CV36600	600,000	63	85	35	1.5"	20	36x72	50x60	4,500	1752
CVP36600	600,000	65	95	35	2"	20	36x72	50x60	4,500	1762

*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.

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

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