



Time Clock • Softener Fiberglass Tank - Single

Features:

- Automatic Time Clock initiated regeneration
- Hard Water bypass during regeneration
- Lead-free brass valves
- Self cleaning, hydraulically balanced positive acting piston control valves
- Timed brine refills (eliminates constant line pressure on shut off float devices)
- ABS tank liners for longer service life. FRP wrapped for strength and corrosion resistance ..
- ANSI/NSF listed tanks
- 120V/60Hz/1 pH operation



S-31A-TC

Pipe Size	Fleck Valve Type	Model Number	Part Number	Capacity Per Tank (kilograms)	Mineral Tank Size (inches)	Brine Tank Capacity (LBS)	Brine Tank Size	Approx. Ship. Wt. Lbs.	PRICE Call for pricing
1"	2750	S-31A-TC	11000416	30,000	9" x 48"	400	18"x40"	150	
1"		S-61A-TC	11000028	60,000	12"x52"	400	18"x40"	245	
1"		S-91A-TC	11000029	90,000	14"x65"	400	18"x40"	340	
1.5"	2850	S-91B-TC	11000030	90,000	14"x65"	400	18"x40"	350	
1.5"		S-121B-TC	11000031	120,000	16"x65"	700	24"x41"	485	
1.5"		S-151B-TC	11000032	150,000	17"x72"	700	24"x41"	505	
1.5"		S-301B-TC	11000037	300,000	24" x 72"	1000	24"x50"	1135	
2"	2900	S-121C-TC	11000038	120,000	16"x65"	700	24"x41"	530	
2"		S-151C-TC	11000039	150,000	17"x72"	700	24"x41"	580	
2"		S-301C-TC	11000044	300,000	24" x 72"	1000	24"x50"	1000	
2"		S-451C-TC	11000045	450,000	30" x 72"	1500	30"x50"	1490	
2"		S-601C-TC	11000046	600,000	36" x 72"	2500	39"x48"	1880	
3"	3900	S-451E-TC	11000938	450,000	30" x 72"	1500	30" x 50"	1515	
3"		S-601E-TC	11000047	600,000	36" x 72"	2500	39" x 48"	1910	
3"		S-901E-TC	11000939	900,000	42" x 72"	2500	39" x 48"	2835	
3"		S-1201E-TC	11000940	1,200,000	48" x 72"	4500	52" x 60"	3670	



Fiberglass Softener Specifications and Design Data

Single Units - FRP Tanks

Model Number	Grains Capacity ⁽²⁾ Salt Settling			Recommended Flow Rates				Mineral Tank Size in. ⁽⁴⁾	Pipe Size in.	Resin Qty Cu.Ft.	Max Drain Flow GPM	Brine Tank Cap. Lbs.	Space Req. LxDxH in.
	15lb/CF	10lb/CF	5lb/CF	Cont. GPM Flow	PSI Drop	Fez GPM Flow	k ^{''1} PSI Drop						
S-31A	30,000	25,000	20,000	8	5	12	10	9x48	1	1	2	400	32x18x54
S-61A	60,000	50,000	40,000	16	10	24	20	12x52	1	2	3	400	35x18x59
S-91A	90,000	75,000	60,000	21	15	29	25	14x65	1	3	5	400	36x18x71
S-91B	90,000	75,000	60,000	24	12	36	16	14x65	1.5	3	5	400	36x18x71
S-121B	120,000	100,000	80,000	32	12	48	22	16x65	1.5	4	7	700	45x24x72
S-151B	150,000	125,000	100,000	40	13	52	25	17x72	1.5	5	7	700	46x24x80
S-301B	300,000	250,000	200,000	45	15	58	25	24x72	1.5	10	15	1000	52x24x82
S-121C	120,000	100,000	80,000	32	7	48	12	16x65	2	4	7	700	45x24x72
S-151C	150,000	125,000	100,000	40	9	60	16	17x72	2	5	7	700	46x24x84
S-301C	300,000	250,000	200,000	77	15	107	25	24x72	2	10	15	1000	52x24x87
S-451 C	450,000	375,000	300,000	87	15	118	25	30x72	2	15	20	1500	65x30x92
S-601C	600,000	500,000	400,000	94	15	125	25	36x72	2	20	25	2500	80x24x92
S-451E	450,000	375,000	300,000	140	15	200	25	30x72	3	15	20	1500	65x32x96
S-601E	600,000	500,000	400,000	160	15	240	25	36x72	3	20	30	2500	80x42x96
S-901E	900,000	750,000	600,000	200	15	270	25	42x72	3	30	40	2500	85x42x101
S-1201E	1,200,000	1,000,000	800,000	210	15	280	25	48x72	3	40	50	4500	104x52x101

NOTES:

- (1) Weight and pressure drop data are estimates.
- (2) Exchange capacity is based upon treating water with 10 gpg total hardness. As CaCO₃ at the service rates specified and free of color, odor and turbidity. Capacity is for both tanks.
- (3) Peak flow rates are not recommended for extended periods of time.
- (4) Dimension refers to nominal vessel size only.
- (5) Not including operating and maintenance areas.