

KF Series Twin Alternating Softeners

Flow Rates from 3 to 250 gpm

KF Series Twin Alternating Water Softeners are lightweight, with corrosion-resistant FRP pressure vessel, and cost-effective top mounted valve for commercial and light industrial applications.

- Fiberglass tanks are durable and corrosion-free
- Tank liners are blow-molded plastic wrapped in high-strength fiberglass and units have epoxy resin for worry-free service
- Softeners include a single motorized, 5-cycle control valve that is quiet, efficient and dependable
- Automatic regeneration controller with volume initiation facilitates operation
- Duplex systems are available for applications that require a continuous supply of softened water
- Pretreatment lock-out switch assembly is included to deactivate downstream equipment during regeneration



SYSTEM SPECIFICATIONS

Series KFZST

Application

Tank Size (DxH in)	Pipe Size (in)	Application		Backwash Flow	Capacity at 15 lb./CF (Grains in 000's)	Media Vol. (ft ³)	Overall Dimensions LxDxH (in)	Shipping Weight lb.	Salt Storage lb. (kg)
		Commercial* Service Flow	RO-Feed** Service Flow						
7x44	1.0	15 gpm	2 gpm	1.5 gpm	15	0.5	33x18x52	120 (55)	350 (159)
9x40	1.0	19 gpm	3 gpm	2 gpm	30	1	33x20x48	160 (73)	350 (159)
10x54	1.0	18 gpm	3 gpm	3 gpm	45	1.5	34x20x62	250 (114)	350 (159)
12x52	1.0, 1.5	21 gpm	5 gpm	3.5 gpm	60	2	36x20x60	300 (136)	350 (159)
14x65	1.0, 1.5	42 gpm	6 gpm	5 gpm	90	3	44x24x73	415 (189)	700 (318)
16x65	1.0, 1.5	46 gpm	8 gpm	7 gpm	120	4	46x24x73	540 (245)	700 (318)
18x65	1.5	54 gpm	11 gpm	9 gpm	150	5	50x24x75	710 (322)	700 (318)
21x72	1.5	77 gpm	14 gpm	12 gpm	210	7	50x24x80	760 (345)	700 (318)
24x72	1.5	91 gpm	19 gpm	15 gpm	270	9	60x30x88	1275 (579)	1000 (454)

Electrical Requirements 115 V/1 ph /60 Hz – 10 watts

*Flow is based on a differential pressure of <25 psid. Capacity is based on 10 gpg total hardness as CaCO₃ that is free of color, oil and turbidity and regeneration is at 15 lbs. NaCl/ft³.

**Flow is based on a differential pressure of < 15 psi, inlet hardness of ≤350 ppm TDS, effluent hardness of ≤3 ppm CaCO₃, Na to total cation ratio of 85% and Ca to Mg of ≥2:1.

ORDERING INFORMATION

Catalog Number:	KFZST	XXX	F	X	Z	N	X	X
Description	KFZST - Twin	007, 009, 010, 012, 014, 016, 018, 021, 024,	F = Non-Code Fiberglass	X = Standard NEMA 3R Rating P = NEMA 3R Rating with 3200ET	Z = Stand Alone	N = Volume Initiated; Single Meter w/Lock-Out (electromechanical)	A = 1.0" B = 1.5"	X = No Option
Pressure Vessel Diameter								
Pressure Vessel Type								
Control Enclosure								
Level of Assembly								
Backwash/Regeneration Initiation								
Inlet/Outlet Pipe Size†								
Option								

To determine your catalog order number, replace the X with one of the numbered options below it.

† Standard pipe sizes are listed in the specification chart above. Please contact our Technical Support team for alternative pipe sizes.