



## KF Series Softeners

Flow Rates from 3 to 250 gpm

KF Series 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 have epoxy resin for worry-free service
- Softeners include a motorized, 5-cycle control valve that is quiet, efficient and dependable
- Automatic regeneration controller is an electromechanical timer
- 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 KFZSS

Tank Size (DxH in)	Pipe Size (in)	Application		Backwash Capacity at Flow	Media Vol. (ft3)	Overall Dimensions LxDxH (in)	Shipping Weight lb. (kg)	Salt Storage lb. (kg)
		Commercial* Service Flow	RO-Feed** Service Flow					
9x40	1.0	19 gpm	3 gpm	2 gpm	30	33x20x48	160 (73)	350 (159)
12x52	1.0, 1.5	21 gpm	5 gpm	3.5 gpm	60	36x20x60	300 (136)	350 (159)
14x65	1.0, 1.5, 2.0	42 gpm	6 gpm	5 gpm	90	44x24x73	415 (189)	700 (318)
16x65	1.0, 1.5, 2.0	46 gpm	8 gpm	7 gpm	120	46x24x73	540 (245)	700 (318)
18x65	1.0, 1.5, 2.0	54 gpm	11 gpm	9 gpm	150	50x24x75	710 (322)	700 (318)
21x62	1.5, 2.0	77 gpm	14 gpm	12 gpm	210	50x24x80	760 (345)	700 (318)
24x72	1.5, 2.0	91 gpm	19 gpm	15 gpm	270	60x30x88	1275 (579)	1000 (454)
30x72	2.0, 3.0	105 gpm	29 gpm	25 gpm	450	66x40x92	2370 (1076)	1000 (454)
36x72	3.0	250 gpm	42 gpm	35 gpm	600	88x40x100	2650 (1202)	1800 (817)

#### Electrical Requirements

115V/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 CaCO<sub>3</sub> that is free of color, oil and turbidity and regeneration is at 15 lbs. NaCl/ft<sup>3</sup>.

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

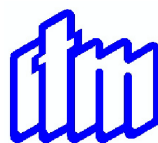
### ORDERING INFORMATION

<b>Catalog Number:</b>	<b>KFZSS</b>	<b>XXX</b>	<b>F</b>	<b>X</b>	<b>Z</b>	<b>F</b>	<b>X</b>	<b>X</b>
Description .....	KFZSS - Single	009, 012, 014, 016, 018, 021, 024, 030, 036,	F = Non-Code Fiberglass	X = Standard NEMA 1 Rating	Z = Stand Alone	F = Timeclock, NEMA 1	A = 1.0" B = 1.5" C = 2.0" E = 3.0"	X = No Option
Pressure Vessel Diameter .....								
Pressure Vessel Type .....								
Control Enclosure .....								
Level of Assembly .....								
Backwash/Regeneration Initiation .....								
Inlet/Outlet Pipe Size† .....								
Options .....								

Not all pipe sizes are available on the standard units, please use the specifications for standard sizes.

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

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



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