



KF Series Duplex Alternating Softeners

Flow Rates from 3 to 250 gpm

KF Series Duplex 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 two motorized, 5-cycle control valves that are quiet, efficient and dependable
- Automatic regeneration controller with volume initiation facilitates operation

SYSTEM SPECIFICATIONS

Tank Size (D x H) (inch)	Pipe Size (in.)	Application			Capacity at 15 lbs./CF (Grains in 000's)	Media Vol. (ft ³)	Shipping Weight lb. (kg)	Brine Tank Size D x H inch (cm)
		Commercial* Service Flow	RO-Feed** Service Flow	Backwash Flow				
9 x 40	1	19 gpm	3 gpm	2 gpm	30	1	270 (123)	18x40 (46x102)
12 x 52	1, 1.5	39 gpm	6 gpm	3.5 gpm	60	2	500 (227)	18x40 (46x102)
14 x 65	1, 1.5	42 gpm	9 gpm	5 gpm	90	3	750 (341)	24x50 (61x127)
16 x 65	1, 1.5	46 gpm	12 gpm	7 gpm	120	4	880 (400)	24x50 (61x127)
18 x 65	1.5, 2	81 gpm	15 gpm	9 gpm	150	5	1,220 (554)	24x50 (61x127)
21 x 62	1.5, 2	77 gpm	21 gpm	12 gpm	210	7	1,500 (681)	24x50 (61x127)
24 x 72	1.5, 2	91 gpm	30 gpm	15 gpm	300	10	3,100 (1,407)	24x50 (61x127)
30 x 72	2, 3	213 gpm	45 gpm	25 gpm	450	15	3,240 (1,470)	30x48 (77x122)
36 x 72	3	250 gpm	60 gpm	35 gpm	600	20	4,100 (1,860)	39x48 (100x122)
42 x 72	3	268 gpm	75 gpm	48 gpm	750	25	4,800 (2,178)	50x60 (127x153)
48 x 72	3	275 gpm	120 gpm	63 gpm	1200	40	6,100 (2,767)	50x60 (127x153)

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:	KFZSD	XXX	F	P	Z	V	X	X
Description	KFZSD - Duplex	009, 012, 014 106, 018, 021						
Pressure Vessel Diameter		024, 030, 036 042, 048						
Pressure Vessel Type			F = Non-Code Fiberglass	P = NEMA 3 Rating with 3200NT				
Control Enclosure								
Level of Assembly					Z = Stand Alone			
Backwash/Regeneration Initiation						V = Vol. Initiated Alternating with Totalizer 3200NT		
Inlet/Outlet Pipe Size†							A = 1" B = 1.5" C = 2.0" E = 3.0"	
Option								X = No 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.