

# EF/XF SERIES

## WATER SOFTENERS

Water Control "EF" and "XF" Series softeners feature 1¼" waterways with 1" and 1¼" service connections respectively, light duty electronic control valves, non-corrosive high-strength fiberglass mineral tanks, and long-lasting synthetic cation resin. This series is perfectly designed for retail spaces, restaurants, clinics, and office complexes. Available options include steel tanks and specialty filtration systems.



### SPECIFICATIONS

Model Series Number	Exchange Capacity* (grains)			Cv	Flow Rate (gpm)			Pipe Size (inches)		Back Wash (gpm)	Resin (cu ft)	Brine Tank Capacity (lbs)	Regen. Time (min)	Tank Size (in)		Approx. Ship Weight (lbs)
	Min <sup>1</sup>	Mid <sup>2</sup>	Max <sup>3</sup>		7 psid	Cont. 15 psid	Peak 25 psid	Service	Drain					Resin	Salt	
EF-32	22500	32000	34500	6.6	18	26	33	1	¾	3.5	1	300	88	10 X 44	18 x 33	135
EF-48	34000	48000	52000	5.7	15	22	29	1	¾	3.5	1.5	300	88	10 X 47	18 x 33	160
EF-60	42000	60000	64000	7.7	20	30	38	1	¾	3.5	2	300	88	12 x 52	18 x 33	190
EF-90	63000	90000	94000	7.3	19	28	37	1	¾	5	3	300	90	14 x 65	18 x 33	240
EF-120	84000	120000	128000	7.7	20	30	38	1	¾	7	4	640	94	16 x 65	24 x 50	315
EF-150	105000	150000	160000	6.9	18	27	34	1	¾	7	5	600	96	16 x 65	24 x 50	360
EF-150X	105000	150000	160000	8.2	22	32	41	1	¾	9	5	600	96	18 x 65	24 x 50	425
EF-180	126000	180000	192000	7.8	21	30	39	1	¾	9	6	590	96	18 x 65	24 x 50	475
XF-32	22500	32000	34500	6.6	18	26	33	1 ¼	¾	3.5	1	300	88	10 X 44	18 x 33	135
XF-48	34000	48000	52000	5.7	15	22	29	1 ¼	¾	3.5	1.5	300	88	10 X 47	18 x 33	160
XF-60	42000	60000	64000	7.7	20	30	38	1 ¼	¾	3.5	2	300	88	12 x 52	18 x 33	190
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XF-150X	105000	150000	160000	8.2	22	32	41	1 ¼	¾	9	5	600	96	18 x 65	24 x 50	425
XF-180	126000	180000	192000	7.8	21	30	39	1 ¼	¾	9	6	590	96	18 x 65	24 x 50	475

- FOR TWIN TANK SYSTEMS, CV RATINGS, EXCHANGE CAPACITIES, FLOW RATES, AND RESIN QUANTITIES SHOULD BE DOUBLED.

<sup>1</sup> Based on 6 lbs salt per cubic foot.

<sup>2</sup> Based on 10 lbs salt per cubic foot.

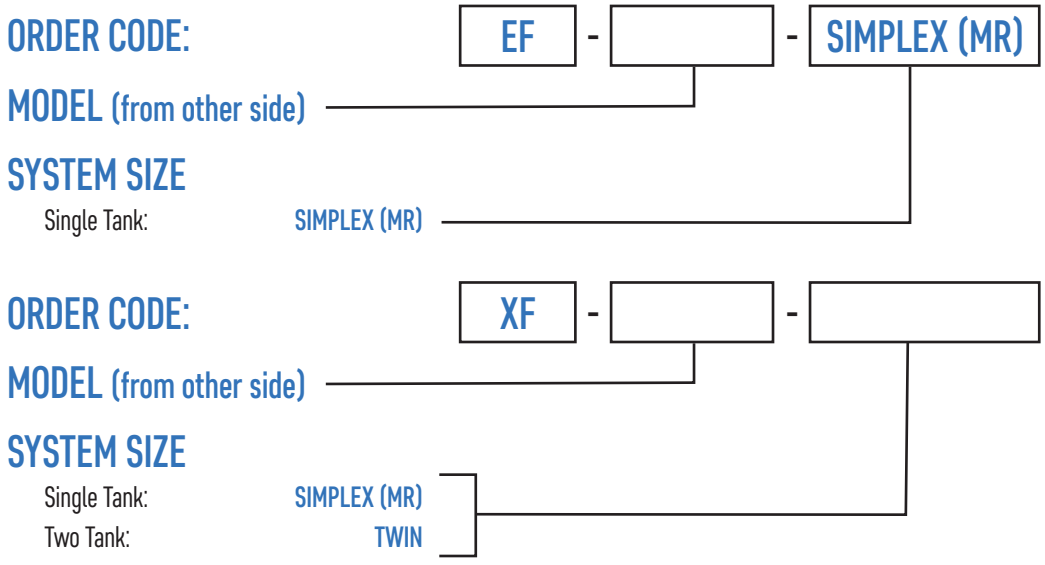
<sup>3</sup> Based on 15 lbs salt per cubic foot.

All "EF and XF" Series softeners utilize series 5812 controllers, pre-wired with 3-prong connectors, 120 VAC, 60 Hz, 5 Amps or less (G.F.I. wall outlet is required).

\* Exchange capacity based on treating water with 10 gpg total hardness as CaCo<sub>3</sub> and 400 ppm total dissolved solids. Capacities may vary with different influent water characteristics and other factors. Due to varying water conditions, tank sizes and water pressures, the above should only be used as a guideline.

**WITH OVER 45 YEARS OF EXPERIENCE IN THE WATER CONDITIONING AND PLUMBING INDUSTRIES,** WATER CONTROL CAN DESIGN AND MANUFACTURE EQUIPMENT FOR VIRTUALLY ANY APPLICATION. WE OFFER A COMPLETE MENU OF SERVICES, INCLUDING WATER TESTING, SYSTEM SIZING, BIM MODELING (REVIT™), DELIVERY, SETUP, STARTUP, AND AFTER-MARKET SERVICE PLANS. WE MAINTAIN A UNIQUE FOCUS ON MECHANICAL ENGINEERS, CONTRACTORS, AND THE PLUMBING INDUSTRY. DEPEND ON US TO PROVIDE QUALITY, INNOVATIVE SOLUTIONS FOR ALL YOUR COMMERCIAL WATER CONDITIONING NEEDS.

## HOW TO SPECIFY "EF" or "XF" SERIES SOFTENERS:



### Additional Options: (check options below)

- XF ONLY** Brine Reclamation: Re-uses brine solution for significant salt savings (approx 30%)
- Steel Tank(s) (optional ASME Rating)
- Accu-Pipe Skid-Mounted System (pre-plumbed\*, pre-wired system, mounted on heavy-duty powder-coated steel skid)
- Accu-Pipe LS: Same as Accu-Pipe System, less skid base (piping/wiring only)
- Brine Silo (large volume salt storage / brine generation & delivery system)
- Salt Sock and Access Door (lockable) for blow-in salt delivery

\*Standard piping is grooved, type L copper, other materials available.

### Specialty Filter Options: (check options below)

- Carbon
- Tannin
- Acid Neutralizer (Calcite)
- Dealkalizer
- Additional media options available, call for details

\*For a detailed, model-specific specification, please contact Water Control Corporation. Detailed drawings also available upon request (CAD™ or Revit™).

Water softening system requires a minimum inlet water pressure of 30 psig and maximum of 120 psig. If resin tank is subject to vacuum, an adequate vacuum relief valve must be properly installed. Tank warranty is void if subjected to vacuum. Feed water temperature shall be between 40°F and 100°F. Each control valve requires a 120 volt GFCI wall outlet.

We have team members throughout the US and Canada who are ready to serve you.

To get started, please talk with your local sales representative, or contact our Technical Support Department: 1-866-405-1268 or techsupport@watercontrolinc.com

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