

TABLE OF CONTENTS

	<u>Page</u>
Specifications & Performance Claims	3
Inspect Shipment	4
Safety Guides	4
Installation Requirements	5
Typical Installation Illustrations	6
Installation Instructions	7-10
Programming the Electronic Controller	11-12
Controller Features / Options	13
Routine Maintenance	14
Troubleshooting	15-17
Exploded View & Parts List	18-23
Warranty	24

Dimensions

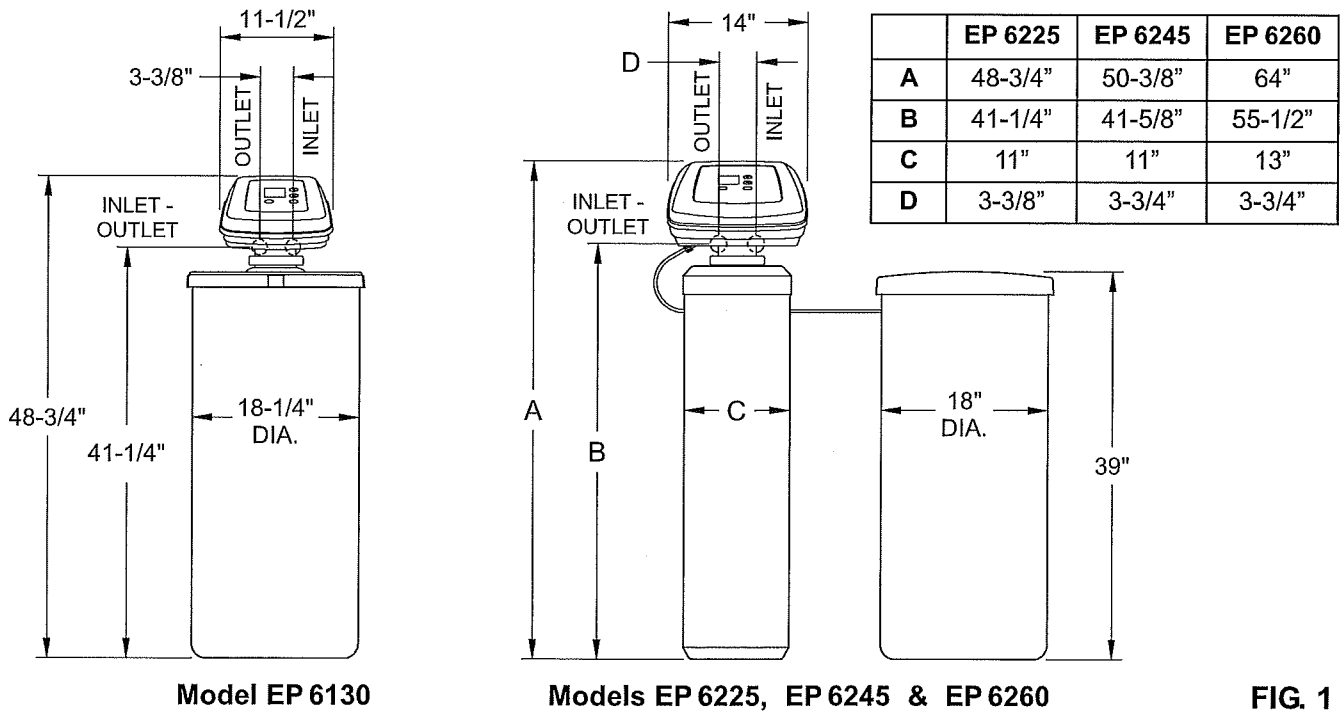


FIG. 1

Specifications & Performance Claims

These models are efficiency rated. The efficiency rating is valid only at the minimum salt dose. These softeners have a demand initiated regeneration (D.I.R.) feature that complies with specific performance specifications intended to minimize the amount of regenerant brine and water used in their operation.

These softeners have a rated softener efficiency of not less than 3,350 grains of total hardness exchange per pound of salt (based on sodium chloride) and shall not deliver more salt than their listed rating or be operated at a sustained maximum service flow rate greater than their listed rating. These softeners have been proven to deliver soft water for at least ten continuous minutes at the rated service flow rate. The rated salt efficiency is measured by laboratory tests described in NSF/ANSI Standard 44. These tests represent the maximum possible efficiency that the system can achieve. Operational efficiency is the actual efficiency after the system has been installed. It is typically less than the rated efficiency, due to individual application factors including water hardness, water usage, and other contaminants that reduce a softener's capacity.

	Model EP 6130	Model EP 6225	Model EP 6245	Model EP 6260
Model Code	E6130	E6225	E6245	E6260
Rated Softening Capacity (Grains @ Salt Dose)	11,800 @ 2.3 lbs. 25,300 @ 7.4 lbs. 30,200 @ 12.5 lbs.	11,200 @ 2.2 lbs. 24,000 @ 7.1 lbs. 28,700 @ 12.0 lbs.	13,300 @ 2.6 lbs. 35,700 @ 9.9 lbs. 45,400 @ 17.2 lbs.	18,100 @ 3.6 lbs. 48,200 @ 13.6 lbs. 61,400 @ 23.7 lbs.
Rated Efficiency (Grains/Pound of Salt @ Minimum Salt Dose)	5,120 @ 2.3 lbs.	5,070 @ 2.2 lbs.	5,120 @ 2.6 lbs.	5,020 @ 3.6 lbs.
Water Used During Regeneration @ Minimum Salt Dose	3.2 gallons / 1,000 grains	3.5 gallons / 1,000 grains	3.3 gallons / 1,000 grains	4.9 gallons / 1,000 grains
Total Water Used Per Regeneration @ Maximum Salt Dose	39.5 gallons	40.6 gallons	45.4 gallons	90.7 gallons
Rated Service Flow Rate	7.5 gpm	7.5 gpm	10.0 gpm	13.9 gpm
Amount of High Capacity Ion Exchange Resin	0.78 cu. ft.	0.75 cu. ft.	1.26 cu. ft.	1.74 cu. ft.
Nominal Tank Size	8" dia. x 40"	8" dia. x 40"	10" dia. x 40"	12" dia. x 54"
Pressure Drop at Rated Service Flow	9.1 psig	9.0 psig	11.2 psig	15.0 psig
Intermittent Flow Rate @ 15 psi*	10.0 gpm	10.1 gpm	12.1 gpm	13.9 gpm
Water Supply Max. Hardness	70 gpg	60 gpg	80 gpg	120 gpg
Water Supply Max. Clear Water Iron	8 ppm**	5 ppm**	12 ppm**	16 ppm**
Water Pressure Limits (min./max.)	20 - 125 psi***			
Water Temperature Limits (min./max.)	40 - 120 °F			
Minimum Water Supply Flow Rate	3 gpm			
Maximum Drain Flow Rate	2.0 gpm			

*Intermittent flow rate does not represent the maximum service flow rate used for determining the softeners' rated capacity and efficiency. Continuous operation at flow rates greater than the service flow rate may affect capacity and efficiency performance.

**Capacity to reduce clear water iron is substantiated by WQA test data. State of Wisconsin requires additional treatment if water supply contains clear water iron exceeding 5 ppm.

***Canada working pressure limits: 1.4 - 7.0 kg/cm².

These systems conform to NSF/ANSI 44 for the specific performance claims as verified and substantiated by test data.

Variable Salt Dose: The salt dose is selected by the electronic controls at regeneration time based on the amount needed.