

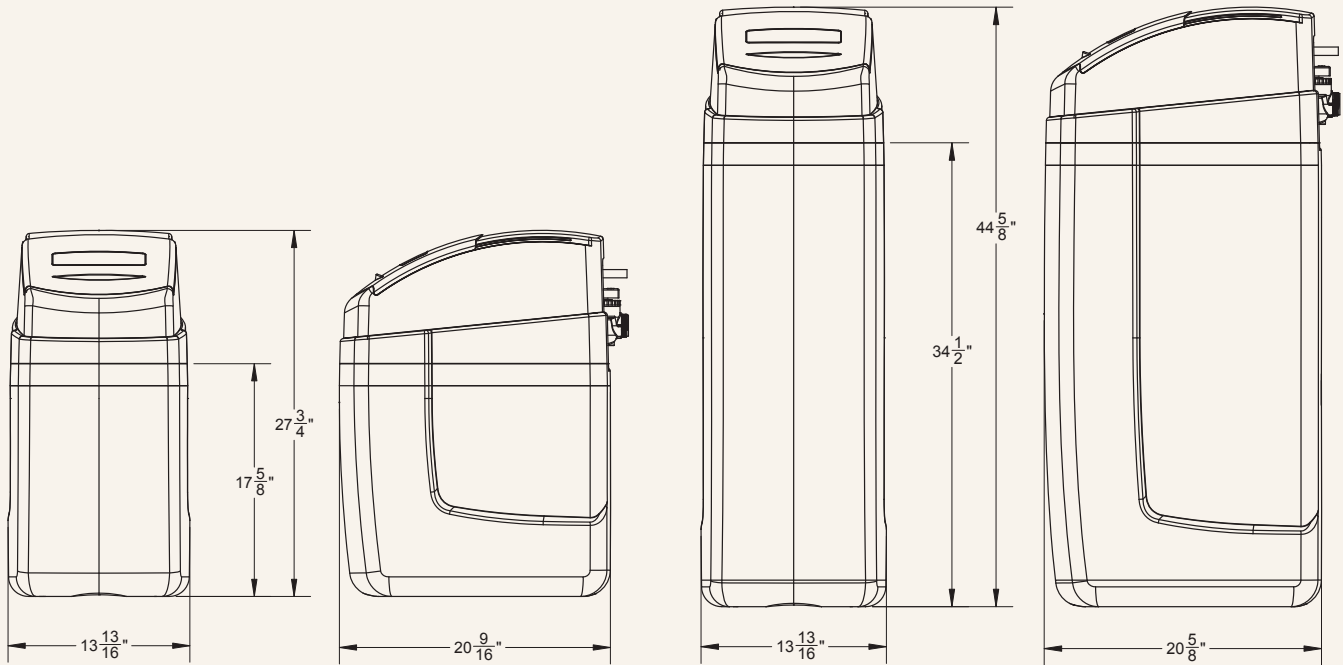


LANCASTER

WATER TREATMENT

PLATINUM LINE LECS - CABINET SOFTENERS

X-FACTOR SERIES LECS CABINET SOFTENERS



LECS PROGRAM CYCLES*			CABINET SOFTENER			
Model Number	7-LECS-50B (Packed Bed)		7-LECS-75B		7-LECS-100B (Packed Bed)	
Units:	Minutes	Gallons	Minutes	Gallons	Minutes	Gallons
1st Cycle: Backwash	OFF	-	10	17	OFF	-
2nd Cycle: Brine & Slow Rinse	50	16	50	18.5	50	18.5
3rd Cycle: Backwash	OFF	-	10	17	OFF	-
4th Cycle: Rinse	5	3.5	5	8.5	5	5
5th Cycle: Fill - Salt Setting (LBS NaCl)	2.66	1.33 (4 LBS)	4	2 (6 LBS)	5.34	2.67 (8 LBS)
Total Gallons to Drain**	20.8		63.0		26.2	
Total Regeneration Time	57.7		79.0		60.3	

*Downflow Regenerant, Post-fill Factory Program Settings
 **Based on 50 PSI Inlet Pressure

X-FACTOR SERIES LECS CABINET SOFTENERS

LECS SPECIFICATIONS		CABINET SOFTENER		
Model Number		7-LECS-50B (Packed Bed)	7-LECS-75B	7-LECS-100B (Packed Bed)
Inlet/Outlet Fitting Options (Inches) ¹		0.75 - 1.0 ¹ - 1.25 - 1.5	0.75 - 1.0 ¹ - 1.25 - 1.5	0.75 - 1.0 ¹ - 1.25 - 1.5
Bypass Included		Yes	Yes	Yes
Drain Fit. Elb. NPT or OD Poly Tube Size (Inches)		3/4 NPT or 5/8 Tube	3/4 NPT or 5/8 Tube	3/4 NPT or 5/8 Tube
Water Pressure Range (PSI)		20 - 100	20 - 100	20 - 100
Water Operating Temperature Range (°F)		35 - 100	35 - 100	35 - 100
Influent Maximum Water Hardness (GPG)		100	100	100
Influent Maximum Ferrous Iron (PPM) ²		0	0.5	0
Plug-In Power Adapter Input (VAC - Hz - A)		120V AC - 60Hz - 0.35A	120V AC - 60Hz - 0.35A	120V AC - 60Hz - 0.35A
Plug-In Power Adapter Output (VDC - A)		15V DC - 0.5A	15V DC - 0.5A	15V DC - 0.5A
Plug-In Power Adapter Cord Length		15 FT	15 FT	15 FT
PC Board Relay Terminal Block DC Output (V)		12V DC	12V DC	12V DC
3 Volt Lithium Coin Cell Battery (Type)		2032	2032	2032
Service Flow Rate at 15 PSI Pressure Drop (GPM) ³		14	18	17
Overall Height (Inches)		27.75	44.63	44.63
Mineral Tank Size: Diameter x Height (Inches)		9 x 18	10 x 35	10 x 35
Bottom Distributor Type		Basket	Basket	Basket
Top Basket Distributor		Yes	Yes	Yes
Amount of Resin (Cubic Feet)		0.5	0.75	1.0
Support Bedding		No	No	No
Cabinet Size (Inches) ⁴		13.81 x 20.56 x 27.75	13.81 x 20.63 x 44.63	13.81 x 20.63 x 44.63
Cabinet Capacity (LBS NaCl)		133	258	258
Drain Line Flow Control (GPM)		0.7	1.7	1.0
Brine Line (Re-Fill) Flow Control (GPM)		0.5	0.5	0.5
Injector (Color)		ID - Red	IE - White	IE - White
Grains Capacity (Grains @ LBS NaCl)	High ⁵	N/A	N/A	N/A
	Medium ⁶	12,000 @ 4.0	18,000 @ 6.0	24,000 @ 8.0
	Low	8,500 @ 2.3	12,750 @ 3.4	17,000 @ 4.5
Water to Drain at 50 PSI Inlet Pressure (Gallons)	High ⁵	N/A	NA/	N/A
	Medium ⁶	20.8	63.0	26.2
	Low	20.3	62.1	25.0

¹1.0 MNPT Elbow Standard - Options Available

²Ferrous iron ("clear-water iron"): Water comes out of the faucet clear, but turns red or brown after standing. Recommend HIGH grains capacity program settings - Consult Factory

³Flow rates in the table may exceed resin manufacturer's recommended maximum flow rates. Selecting a system flow rate by pressure drop alone does not guarantee that the system will provide softened water.

⁴See Diagram

⁵Cabinet does not have an internal salt grid available; salt grids are used for salt settings requiring higher fill gallons.

⁶Factory Program Setting