

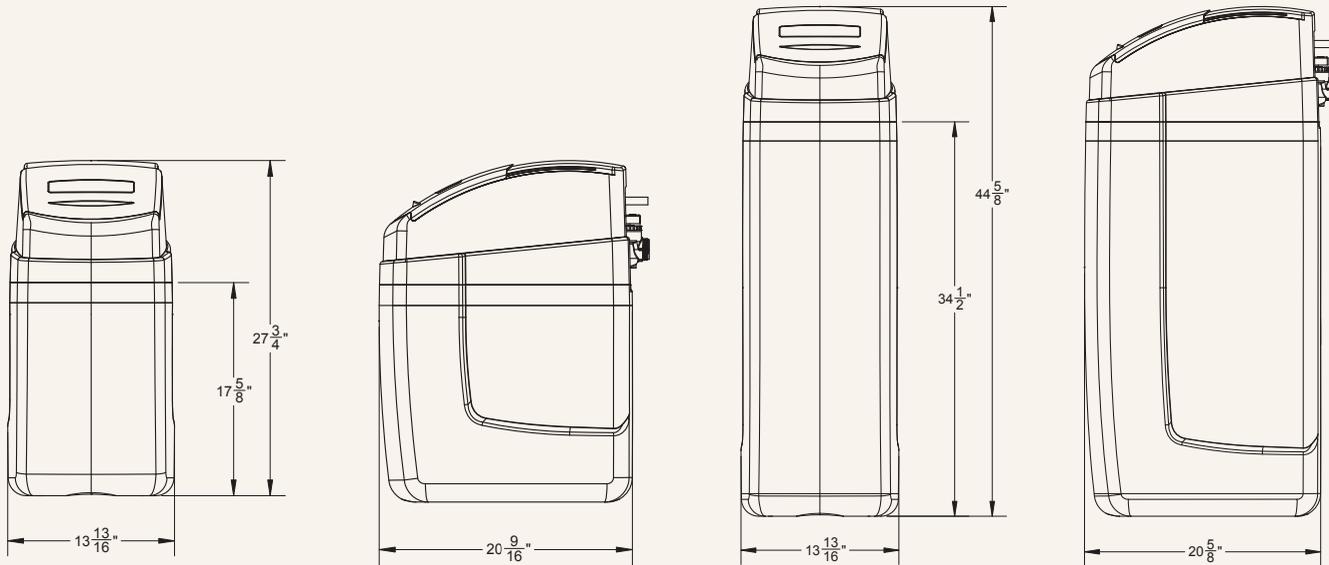


LANCASTER

WATER TREATMENT

PLATINUM LINE LECS - CABINET SOFTENERS

X-FACTOR SERIES LECS CABINET SOFTENERS



Model Number	LECS PROGRAM CYCLES*	WATER AVAILABLE TO SERVICE DURING REGENERATION		CABINET SOFTENER					
		7-LECS-50B (Packed Bed)	7-LECS-75B	7-LECS-100B (Packed Bed)	7-LECS-150B				
		Minutes	Gallons	Minutes	Gallons	Minutes	Gallons	Minutes	Gallons
Ist: Backwash (Minutes)	Untreated Water	8	5.6	10	17	8	8	10	27
2nd: Brine & Slow Rinse (Minutes)	Untreated Water	50	16	50	18.5	50	18.5	50	26
3rd: Backwash (Minutes)	Untreated Water	OFF	-	10	17	OFF	-	10	27
4th: Rinse (Minutes)	Untreated Water	5	3.5	5	8.5	5	5	5	13.5
5th: Fill - Treated Water into Brine Tank (LBS Salt)	Treated Water	2.66	1.33	4	2	5.34	2.67	8	4
		4 LBS		6 LBS		8 LBS		12 LBS	
DLFC - Drain Line Flow Control (GPM)	-	0.7		1.7		1.0		2.7	
Total Gallons to Drain**	-	26.4		63.0		34.2		97.5	
Total Regeneration Time (Minutes)	-	65.7		79.0		68.3		83.0	
Total Time Untreated Water is Available to Service During Regeneration (Minutes)	-	63.0		75.0		63.0		75.0	

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



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LECS SPECIFICATIONS		CABINET SOFTENER			
Model Number		7-LECS-50B (Packed Bed)	7-LECS-75B	7-LECS-100B (Packed Bed)	7-LECS-150B
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	0.75 - 1.0 ¹ - 1.25 - 1.5
Bypass Included		Yes	Yes	Yes	Yes
Drain Fit. Elb. NPT or OD Poly Tube Size (Inches)		3/4 NPT or 5/8 Tube			
Water Pressure Range (PSI)		20 - 100	20 - 100	20 - 100	20 - 100
Water Operating Temperature Range (°F)		35 - 100	35 - 100	35 - 100	35 - 100
Influent Maximum Water Hardness (GPG)		100	100	100	100
Influent Maximum Ferrous Iron (PPM) ²		0	0.5	0	0.5
Plug-In Power Adapter Input (VAC - Hz - A)		120V AC - 60Hz - 0.35A			
Plug-In Power Adapter Output (VDC - A)		15V DC - 0.5A			
Plug-In Power Adapter Cord Length		15 FT	15 FT	15 FT	15 FT
PC Board Relay Terminal Block DC Output (V)		12V DC	12V DC	12V DC	12V DC
3 Volt Lithium Coin Cell Battery (Type)		2032	2032	2032	2032
Service Flow Rate at 15 PSI Pressure Drop (GPM) ³		14	18	17	16
Overall Height (Inches)		27.75	44.63	44.63	44.63
Mineral Tank Size: Diameter x Height (Inches)		9 x 18	10 x 35	10 x 35	12 x 35
Bottom Distributor Type		Basket	Basket	Basket	Basket
Top Basket Distributor		Yes	Yes	Yes	Yes
Amount of Resin (Cubic Feet)		0.5	0.75	1.0	1.5
Support Bedding		No	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	13.81 x 20.63 x 44.63
Cabinet Capacity (LBS Salt)		133	258	258	258
Drain Line Flow Control (GPM)		0.7	1.7	1.0	2.7
Brine Line (Re-Fill) Flow Control (GPM)		0.5	0.5	0.5	0.5
Injector (Color)		ID - Red	IE - White	IE - White	IF - Blue
Grains Capacity (Grains @ LBS Salt)	High ⁵	N/A	N/A	N/A	N/A
	Medium ⁶	12,000 @ 4.0	18,000 @ 6.0	24,000 @ 8.0	36,000 @ 12.0
	Low	8,500 @ 2.3	12,750 @ 3.4	17,000 @ 4.5	25,500 @ 6.75
Water to Drain at 50 PSI Inlet Pressure (Gallons)	High ⁵	N/A	NA/	N/A	N/A
	Medium ⁶	26.4	63.0	34.2	97.5
	Low	25.9	62.1	33.0	95.8

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.

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