

# PaceSetter Electronic Series Water Softeners

PEL

LANCASTER  
WATER TREATMENT



## Homeowner Benefits

Our Legacy Series PEL softeners bring the treatment of household water to a whole new level of quality and convenience as well as proven system performance. The economical PEL offers high value and cost efficient operation.

- Stores critical system performance information, all system configuration and operating data
- 12 selectable pre-programmed regeneration cycles
- Double backwash feature offers optimum regeneration, cleaning ability, and efficiency
- Down-flow regeneration
- Modular design is easy-to-service and maintain

## Series Overview

Our easy-to-use and easy-to-install electronic water softener brings advanced technology and enhanced performance to water conditioning. The PEL system removes unwanted hardness and minerals from your household water.

The PEL series features a state-of-the-art control valve, a high-performance mineral tank, and a brine tank to handle the homeowners' most demanding needs.

It is outfitted with a solid-state microprocessor control and LCD display to simplify system operation and set up. 3 modes of operation; meter immediate, meter delayed, or time-clock delayed. Usage history and diagnostic records, as well as current gallon-per-minute flow and usage are available.

Additionally, the control valve monitors days since the last regeneration, peak flow rates and reserve capacity based on water usage over the previous 21 days. You can count on our Lancaster Water Treatment dealer to provide expert advice and installation on the best system to meet your household needs.



## Why Buy?

A water softener in your home will make you feel better bathing, and allow soaps and detergents to clean better.

Different areas of the country, rural wells to even municipal water sources, have challenging water hardness problems. We make softening solutions to meet your challenging water problems.

Water softeners remove unwanted hardness and minerals from your household water- whether from private well or municipal source. Water softeners in combination with filters, neutralizers and reverse osmosis systems can meet the most challenging water problems.

## Easy to Program

- Home owner/ user screens
- Installer screens
- Factory programmed softener set-up screens
- Diagnostic screens
- Valve history screens
- LCD display



## PEL Microprocessor Based Control Valve

- Monitors water consumption
- Records days since last regeneration
- Displays water flow rate
- Records gallons used since last regeneration
- Records total days since last start up
- Records total regenerations since start up
- Records total gallons used since start up
- Reserve based on water usage over previous 21 days
- Toggles between time of day and capacity gallons remaining
- Lithium battery backup with up to 8 hours power carry over
- FDA approved high-density polythelene black brine tank for easy 1 carton, lower cost shipping
- Valves ported internally 1"

MEMBER



Two Tank		7-PEL-75B	7-PEL-100B	7-PEL-150B
<b>Model No.</b>				
Grains Capacity	Max	24,000	32,000	48,000
	Min*	18,000	24,000	36,000
Mineral	Cu. ft.	0.75	1.00	1.50
	Lbs.	39	52	78
Mineral Tank Size (in.)		8x44	10x40	10x54
Brine Tank Size (in.)		15x17x36	15x17x36	15x17x36
Brine Tank Capacity (lbs.)		275	275	275
LBS NaCl	High	11.3	15.0	22.5
Per	Medium*	6.0	8.0	12.0
Regeneration	Low	3.4	4.5	6.75
Service Flow Rate (gpm)		10	12	12
Backwash Rate (gpm)		1.7	2.7	2.7
Pipe Size (in.)		1	1	1
Min.-Max. Pressure (psi)		20-100	20-100	20-100
Min.-Max. Temperature (°F)		35-100	35-100	35-100

\* Factory setting may be adjusted for higher grains capacity or lower salt usage.

All PEL units come with a 1 year warranty.

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[www.lancasterwatertreatment.com](http://www.lancasterwatertreatment.com)

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