

# Legacy Series LES

CITY SOFT PLUS™ Softener/Filter System

LANCASTER  
WATER TREATMENT



## Series Overview

Our Legacy Series CITY SOFT PLUS™ electronic water softener/filter provides two treatment technologies that remove chlorine and soften water simultaneously.

For city water that is chlorinated\* and hard, the CITY SOFT PLUS™ delivers crystal-clear, fresh-tasting, odor-free, soft water.



For city water that is corrosive and hard, the CITY SOFT PLUS™ delivers crystal-clear, non-corrosive, soft water.

\* Special carbon available for chloramine reduction

## Homeowner Benefits

Our Legacy Series CITY SOFT PLUS™ softener/filter system brings the treatment of household water to a whole new level of quality, convenience and proven system performance. Our combined technology unit does the job of two, providing soft, better-tasting water or soft, non-corrosive water.

- **Crystal-Clear, Healthy Water:**

Unwanted chemicals, including chlorine, are filtered out to improve color, taste and odor.

- **Economical:**

Fully adjustable regeneration cycle minimizes salt and water usage.

- **Conserves Waste Water:**

One regeneration cycle cleans the filter and softener simultaneously, thereby conserving waste water.

- **Dependability:**

Stores all system configuration and operating data, even in the event of a power outage.

- **Lower Operating Costs:**

Programmable control customizes treatment to family needs.

- **Convenience:**

Access port on the top of the tank allows the addition or removal of media without removing the control valve.



# Legacy Series

## CITY SOFT PLUS™ Softener/Filter System

# LES



### LES Microprocessor Based Control Valve

- Monitors water consumption, water flow rates, gallons since last regeneration, days between regeneration, total regenerations since start-up
- Treated water brine refill
- Easy access front panel settings
- Days override feature: 1-28 days available
- Stores system configuration and operation data in a nonvolatile memory
- Valves ported internally 1"
- Battery back-up with up to 8 hours power carry-over

### Vortech™ Mineral Tank

The high-performance mineral tank with distribution plates combined with the LES valve reduces discharge and increases efficiency. The physical separation of multiple media saves not just space, but also literally hundreds of dollars in operating costs. The purchase of just one water conditioning system does the job of two!

### Easy to Program

- Homeowner/user screens
- Installer screens
- Factory-set regeneration sequence screens
- Factory-set softener set-up screens
- Diagnostic screens
- Valve history screens



		Softener/Neutralizing Filter				Softener/Carbon Filter				
MODEL NO.		7-LES DNS-75	7-LES DNS-100	7-LES DNS-150	7-LES DNS-200		7-LES DCS-75	7-LES DCS-100	7-LES DCS-150	7-LES DCS-200
Grains Capacity	High	24,000	32,000	48,000	64,000		24,000	32,000	48,000	64,000
	Medium*	18,000	24,000	36,000	48,000		18,000	24,000	36,000	48,000
	Low	12,750	17,000	25,500	34,000		12,750	17,000	25,500	34,000
Mineral (cu. ft.)	Resin	.75	1.00	1.50	2.00	Resin	.75	1.00	1.50	2.00
	Calcite	1.00	1.00	1.00	1.00	Carbon**	1.00	1.00	1.00	1.00
Mineral Tank Size (in.)		10 X 54	10 X 60	13 X 54	13 X 54		10 X 54	10 X 60	13 X 54	13 X 54
Brine Tank Size (in.)		14x14x34	14x14x34	14x14x34	18 X 40		14x14x34	14x14x34	14x14x34	18 X 40
Brine Tank Capacity (lbs.)		225	225	225	450		225	225	225	450
Lbs. NaCl Per Regeneration	High	11.50	15.00	22.50	30.00		11.50	15.00	22.50	30.00
	Medium*	6.00	8.00	12.00	16.00		6.00	8.00	12.00	16.00
	Low	3.50	4.50	7.00	9.00		3.50	4.50	7.00	9.00
Service Flow Rate (gpm)		5	5	10	10		5	5	10	10
Backwash Rate (gpm)		2.20	2.20	3.20	3.20		2.20	2.20	3.20	3.20
Pipe Size (in.)		1	1	1	1		1	1	1	1
Operating Pressure (psi)	min.-max.	20-100	20-100	20-100	20-100		20-100	20-100	20-100	20-100
Operating Temperature (°F)	min.-max.	35-100	35-100	35-100	35-100		35-100	35-100	35-100	35-100

\* Factory setting may be adjusted for higher grains capacity or lower salt usage. \*\* Special carbon available for chloramine reduction.



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