

X-Factor Series TTLX

Twin Tank Water Softeners



Homeowner Benefits

- Twin alternating control valve
- Offers 24 hour continuous soft water
- Environmentally friendly
- Uses 30% less water during regeneration
- Regenerates on demand providing a continuous supply of softened water.
- Significantly reduces monthly salt, water and energy costs.
- Modular design is easy to service and maintain
- Custom control program to meet family needs at a lower operating cost
- Energy-saving lighting display
- Uses treated water during regeneration

Series Overview

Our top-of-the-line electronic water softener brings advanced technology and enhanced performance to water conditioning. The X-Factor Series LX features a Lancaster designed state-of-the-art control valve and bottom-plate distribution system to ensure peak efficiency.

The control valve is outfitted with solid-state microprocessor control and Dot Matrix color-specific display to simplify system operation and set-up. The microprocessor controls the programmed sequence of cycles and cycle times while the color-specific display alerts you to the current state of process or needs of your LX unit. Blue indicates the unit is In Service; Green indicates the unit is regenerating; Flashing Yellow indicates the unit needs Maintenance; and Flashing Red indicates an Error.

Our innovative control valve is easy to program and provides valuable information, including usage history, diagnostic records, and current gallon-per-minute flow and usage to the installer and homeowner. Additionally, the control valve monitors days since the last regeneration and peak flow rates.

You can count on your professional plumbing contractor to provide expert advice and installation of the best Lancaster Water Treatment system to meet your household needs.



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Lancaster Designed State-of-the-Art Control Valve

- Factory-set pre-fill brine
- Dot matrix display
- Scrolling text display
- Contractor contact screens
- Additional user display choices during normal service
- Color specific display: Solid Blue, In Service; Solid Green, In Regeneration; Flashing Yellow, Maintenance; Flashing Red, Error.
- Water drop flow indicator
- Contractor Service call reminder
- Display and keypad backlight illumination
- Screen displays low battery when the backup battery needs replaced
- Two relay driver outputs
- Multiple regenerations per day
- Additional Diagnostics information
- Additional valve history information
- DC battery operation available
- Monitors water consumption, water flow rates, gallons since last regeneration, days between regeneration, total regenerations since start-up
- Treated water brine refill and regeneration
- Easy-access front panel settings
- Days override feature: 1/28 days available
- Stores system configuration and operation data in nonvolatile memory
- Valve ported internally 1"
- Battery back-up with up to 8 hours power carry-over

Easy to Program

- Set time of day
- Set water hardness
- Set contractor name and phone number



TWO TANK		7-TTLX-150B	7-TTLX-200B	7-TTLX-300B	7-TTLX-400B	7-TTLX-600B
Grains Capacity Each Tank	High	24,000	32,000	48,000	64,000	96,000
	Medium*	18,000	24,000	36,000	48,000	72,000
	Low	12,750	17,000	25,500	34,000	51,000
Mineral Per Tank	Cu. ft.	0.75	1.00	1.50	2.00	3.0
	Lbs.	39	52	78	104	156
Mineral Tank Size (in.)		8x44	10x40	10x54	12x48	14x65
Brine Tank Size (in.)		15x17x36	15x17x36	15x17x36	15x17x36	24x50
Brine Tank Capacity (lbs.)		275	275	275	275	900
LBS NaCl Per Regeneration	High	11.3	15.0	22.5	30.0	45.0
	Medium*	6.0	8.0	12.0	16.0	24.0
	Low	3.4	4.5	6.75	9.0	13.5
Service Flow Rate (gpm) †		13	17	16	18	19
Backwash Rate (gpm)		1.0	1.7	1.7	2.7	4.2
Pipe Size (in.)		1	1	1	1	1
Min.-Max. Pressure (psi)		20-100	20-100	20-100	20-100	20-100
Min.-Max. Temperature (°F)		35-100	35-100	35-100	35-100	35-100

* Factory settings

** Includes cabinet cover

† At 15 psi pressure drop

LANCASTER®
WATER TREATMENT

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