



LANCASTER

WATER TREATMENT

Est. 1942

TANNIN GUARD LXTAN

LX DIAMOND LINE

Soft Water That Works Smarter

The LXTAN combines two specialized treatment technologies in one dual-chamber system, softening water while reducing tannins and organic color compounds. The result is clearer, better-tasting water with fewer stains, less scale buildup, and improved protection for your home's plumbing and appliances.

Improved Taste & Less Staining

Tannins are naturally occurring organic material compounds that give water a yellow to tea-like color, and cause staining. Iron can add a metallic taste and stains fixtures and surfaces. The LXTAN reduces unwanted contaminants while softening your water to provide clean-tasting and stain-free experience right from your faucet.



**EASY
SET-UP**



**REDUCED
WATER USAGE**

WITH PLATED TANK TECHNOLOGY



**LOW
MAINTENANCE**



**ADVANCED
DIAGNOSTICS**

TANNIN GUARD LXTAN

LANCASTER'S DIAMOND LINE TANNIN GUARD COMBINES TANNIN-SPECIFIC MACROPOROUS RESIN WITH HIGH-CAPACITY SOFTENING TECHNOLOGY IN ONE EFFICIENT SOLUTION.

HOW IT WORKS:

1. Untreated water enters the LXTAN Diamond Line Tannin Guard and flows through the water softening cation resin, where hardness mineral and trace iron are removed.
2. Water continues through the specialized tannin resin, which captures organic compounds responsible for color, staining, and taste issues.
3. Clean, softened water enters your home free of staining tannins.
4. The LXTAN Diamond Line Tannin Guard will calculate the appropriate time to regenerate, cleaning and recharging the media, so that it can continue to remove contaminants to incoming water.



MODEL NUMBER	SERVICE FLOW RATE (GPM)	PIPE SIZE (IN.)	UNIT HEIGHT (IN.)	CU. FT.		TREATMENT
				TOP (RESIN)	BOTTOM (UNIT MEDIA)	
7-LXTAN-100B	14	1	68	1	.50	Tannin Reduction up to 3 ppm Hardness Removal up to 100 gpg Iron (Ferrous) Removal up to .5 ppm

*Height for estimating purposes

Operating Parameters:

PH	0 to 14
TEMPERATURE	Min. 35°F - Max. 100° F
PRESSURE	Min. 20 PSI - Max. 100 PSI
OTHER CONSIDERATIONS	Carbon pre-filtration is recommended to protect the life expectancy of the media. Other equipment may be needed based on water quality.