



# LANCASTER

## WATER TREATMENT

*Est. 1942*

# NITRATE REMOVAL LX

## LX DIAMOND LINE

### Environmentally Friendly

Nitrate is the most common inorganic contaminant in public water supplies from artificial sources. Our nitrate units utilize a selective nitrate resin that works effectively even in the presence of high levels of sulfates with a superior operating capacity.



**EASY  
SET-UP**



**REDUCED  
WATER USAGE**  
WITH PLATED TANK TECHNOLOGY



**LOW  
MAINTENANCE**



**DIAGNOSTICS**

# NITRATE REMOVAL LX

BRINGING YOU ADVANCED TECHNOLOGY AND ENHANCED PERFORMANCE, OUR DIAMOND LINE NITRATE CONDITIONER PROVIDES YOU WITH THE PEAK EFFICIENCY FOR YOUR HOME.

## HOW IT WORKS:

1. Untreated water enters the LX Diamond Line Nitrate Conditioner and flows through the resin.
2. Nitrate is removed via anion exchange.
3. Treated water enters your home free of nitrates.
4. LXNHBP Models include a motorized "No Hard Water Bypass" valve, eliminating untreated water bypass during regeneration.



No Hard Water Bypass for LXNHBP units not pictured.

MODEL NUMBER	SERVICE FLOW RATE (GPM)	PIPE SIZE (IN.)	UNIT HEIGHT (IN.)	CU. FT.	TREATMENT
7-LX-100NB	1 - 3.75	1	48	1	Nitrate Removal
7-LX-150NB	1.5 - 5.5	1	62	1.5	
7-LX-200NB	2 - 7.5	1	56	2	
7-LX-300NB	3 - 11.25	1	73	3	
7-LXNHBP-100NB	1 - 3.75	1	61**	1	
7-LXNHBP-150NB	1.5 - 5.5	1	75**	1.5	
7-LXNHBP-200NB	2 - 7.5	1	69**	2	
7-LXNHBP-300NB	3 - 11.25	1	86**	3	

\*Height for estimating purposes

\*\* Vertical Adapter Arrangement; refer to specification sheet for reduced height using horizontal arrangement

## Operating Parameters:

PH	0 to 14
TEMPERATURE	Min. 35°F - Max. 100° F
PRESSURE	Min. 20 PSI - Max. 100 PSI
OTHER CONSIDERATIONS	<p>Hardness must be less than or equal to 4 gpg.            Iron must be less than 0.3 ppm.            Manganese must be less than 0.05 ppm.            Other equipment may be needed based on water quality.</p>