



# LANCASTER

## WATER TREATMENT

*Est. 1942*

# IRON FILTER LX

## LX DIAMOND LINE

### Prevent Staining & Build-Up

Iron Filters treat water to protect pipes, faucets, water heaters, boilers, and other appliances that require the use of water. As a result, water stains are eliminated, and the water system of your entire house will remain clear to maintain functionality.

### Availability in Standard & Estate Models

We understand that homes come in all shapes and sizes. To ensure that we provide you with the best fit for your home, we offer our filters in 1" and 1.25" options, not limiting water flow rates and lowering the overall regeneration time.

### Chemical Free Water Filtration

Utilizing physical filtering media to collect water contaminants rather than using chemicals to alter the contaminants within the water allows the system to provide your home with safe and healthy water.



**EASY  
SET-UP**



**REDUCED  
WATER USAGE**

WITH PLATED TANK TECHNOLOGY



**LOW  
MAINTENANCE**



**ADVANCED  
DIAGNOSTICS**

# IRON FILTER

BRINGING YOU ADVANCED TECHNOLOGY AND ENHANCED PERFORMANCE, OUR DIAMOND LINE IRON FILTER PROVIDES CLEAN WATER FREE OF STAINING AND TASTE-ALTERING CONTAMINANTS.



## HOW IT WORKS:

1. Untreated water enters the LX Diamond Line Iron Filter and flows through the media.
2. Iron and manganese are removed via oxidation and capturing the precipitates.
3. Treated water enters your home free of staining iron and manganese.
4. The LX Diamond Iron Filter will calculate the appropriate time to regenerate, keeping the media clean and loosely packed, so that it can continue to remove contaminants to incoming water.

MODEL NUMBER	SERVICE FLOW RATE (GPM)	BACKWASH (GPM)	PIPE SIZE (IN.)	UNIT HEIGHT (IN.)	CU. FT.	TREATMENT
7-LXIM-1B	4.6	5.3	1	54	1	Removes iron & manganese
7-LXIM-2B	7.8	10	1	58	2	
7-LXIM-3B	9.1	10	1	75	3	
7-LXI25F-IM-2	7.8	10	1.25	58	2	Prevents rust stains on clothing and appliances
7-LXI25F-IM-3	9.1	10	1.25	75	3	Removes taste and color of iron
7-LXI25F-IM-4	11.9	15	1.25	75	4	

\*Height for estimating purposes

## Operating Parameters:

PH	6.8 to < 8.5
TEMPERATURE	Min. 35°F - Max. 100° F
PRESSURE	Min. 20 PSI - Max. 100 PSI
OTHER CONSIDERATIONS	No oil, polyphosphates or hydrogen sulfide to be present. Free chlorine concentration must be less than 0.5ppm. Other equipment may be needed based on water quality.