



LANCASTER

WATER TREATMENT

Est. 1942

IRONSOFT FESLX

LX DIAMOND LINE

Compatibility

Ironsoft's backwash rates are a fraction of the requirement on ordinary iron filters, which allows usage on relatively poor-producing wells. Also, this system is not sensitive to pH and can operate in acidic water, which is not recommended with ordinary iron filters.

Customization

We understand that water comes in all shapes and sizes. Lancaster offers a range of capacity from 24,000 to 60,000 grains to ensure the system will meet the water treatment needs of the household.

Improved Taste & Less Staining

Iron imparts a metallic taste to water, and, even worse, it stains practically everything it contacts. IronSoft removes this unwanted mineral and softens 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**

IRONSOFTE FESLX

LANCASTER'S DIAMOND LINE IRONSOFTE NOT ONLY SOFTENS HARD WATER BUT REMOVES UP TO 10 PPM OF FERROUS (CLEAN WATER) IRON AND A MINIMAL AMOUNT OF FERRIC (RED WATER) IRON.

HOW IT WORKS:

1. Untreated water enters the LX Diamond Line Ironsoft and flows through the resin.
2. Iron and hardness are removed via ion exchange and mechanical filtration.
3. Treated water enters your home free of staining iron.
4. The LX Diamond Line Ironsoft 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
7-FESLX-24B	12	1	54	.75	Hardness Removal up to 100 gpg
7-FESLX-32B	15	1	57	1	
7-FESLX-45B	22	1	58	1.5	
7-FESLX-60B	24	1	58	2	
7-FESLXC-24B	12	1	45	.66	Iron (Ferrous) Removal up to 10 ppm
7-FESLXI25-32B	22	1.25	57	1	
7-FESLXI25-45B	24	1.25	57	1.5	
7-FESLXI25-60B	25	1.25	57	2	
7-FESLXI25-90B	24	1.25	75	3	
7-FESLXI25-120B	25	1.25	75	4	

*Height for estimating purposes

** FESLXC units come in single tank cabinets

Operating Parameters:

PH	0 to 14
TEMPERATURE	Min. 35° F - Max. 100° F
PRESSURE	Min. 20 PSI - Max. 100 PSI
OTHER CONSIDERATIONS	2 gpg of hardness required for each ppm of iron (3gpg min.). Other equipment may be needed based on water quality.