



# LANCASTER

## WATER TREATMENT

### X-FACTOR SERIES FESLES

A REAL BREAKTHROUGH IN WATER TREATMENT TECHNOLOGY, LANCASTER'S "IRONSOFT" WILL NOT ONLY SOFTEN HARD WATER, BUT WILL REMOVE UP TO 10 PPM OF FERROUS (CLEAR WATER) IRON AND/OR FERRIC (RED WATER) IRON.

#### FEATURES

- The electronic control valve with demand-initiated or time clock-initiated regeneration allows the dealer to precisely predict the use and installation of the proper system to achieve the desired results for the homeowner
- In addition to softening hard water, IronSoft removes iron in both clear water and red water conditions
- Available in the space-saving cabinet model or the two-tank model
- Multiple applications in capacities ranging from 24,000 to 60,000 grains, assuring system will be sized to meet the water treatment needs of the household
- Family members will all experience improvements of treated water after installation

#### IRONSOFT WATER SOFTENER

Our "IronSoft" family of high-performance microprocessor control valves provide the ultimate in system capabilities and water treatment benefits. These dependable and easy-to-install units assure the dealer and homeowner that the system will perform reliably.

Backwash rates on the "IronSoft" are a fraction of the requirements of ordinary iron filters, which allows the use of the "IronSoft" on relatively poor-producing wells.

Additionally, "IronSoft" is not sensitive to pH and can be operated in acidic water, which would not be compatible with an ordinary iron filter.

Periodic regeneration with water softener salt is required and the use of resin cleaner is recommended for maximum resin efficiency. Available in a two-tank model or the space-saving cabinet style.



## X-FACTOR SERIES FESLES

**MICROPROCESSOR-BASED CONTROL VALVE MONITORS WATER CONSUMPTION AND MORE:**

- Days since last regeneration
- Water flow rates
- Gallons since last regeneration
- Peak flow over last seven days
- Total days since start-up
- Total regenerations since start-up
- Total gallons used since start-up

### IRONSOFT ELECTRONIC SERIES

Uses fine-mesh resin (smaller bead size) for more efficient grains exchange capacity and better filtration. Removes up to 10 ppm of ferrous (clear water) iron and/or ferric (red water) iron. Backwash rates on IronSoft are a fraction of the requirement of ordinary iron filters, which allows the use of the IronSoft on relatively poor-producing wells. Solid-state microprocessor-based LCD control valve.



		TWO TANK			
MODEL NO.		7-FESLES-24B	7-FESLES-32B	7-FESLES-45B	7-FESLES-60B
GRAINS CAPACITY		24,000	32,000	45,000	60,000
MINERAL	CU. FT.	.75	1.00	1.50	2.00
	LBS.	39	52	78	104
MINERAL TANK SIZE (IN.)		8 x 44	10 x 47	12 x 52	13 x 54
BRINE TANK SIZE (IN.)		15 x 17 x 36	15 x 17 x 36	15 x 17 x 36	18 x 40
BRINE TANK CAPACITY (LBS.)		275	275	275	450
LBS NACL PER REGENERATION		12	15	22	30
SERVICE FLOW RATE (GPM)		11	13	14	16
BACKWASH RATE (GPM)		1.3	1.7	1.7	1.7
PIPE SIZE (IN.)		1	1	1	1
MIN.-MAX. PRESSURE (PSI)		100	100	100	100
MIN.-MAX. TEMPERATURE (°F)		100	100	100	100

### WHY BUY?

Iron is highly objectionable. It imparts a metallic taste to water. Much worse, it stains practically everything with which it comes in contact. Iron-bearing water is usually clear and colorless with dissolved ferrous iron. Exposure to air causes it to oxidize to ferric iron, cloud up and deposit a yellowish or reddish-brown sediment of ferric hydroxide. Ferric hydroxide causes staining. Manganese can accompany iron, producing objectionable dark brown or black stains. Water softeners remove unwanted hardness and minerals from your household water – whether from private well or municipal source. Water softeners in combination with filters, neutralizers and reverse osmosis systems can meet the most challenging water problems.