

# Legacy Series

## Ironsoft Water Softener

# FESLET



### Homeowner Benefits

- The electronic control valve with the time clock 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 capacity from 24,000 to 60,000 grains assuring system will be sized to meet the water treatment needs of the household
- An authorized water treatment dealer who understands your application and installation requirements
- Family members will all experience improvements of treated water after installation

### Series Overview

A real breakthrough in water treatment equipment, 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.

Our "Ironsoft" family of high-performance microprocessor control valves provides 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.

Operating with a fine mesh resin, which has a smaller bead size than standard resin, this unit is much more efficient in grains exchange capacity and is also a much better filter than standard units. The specially designed support bed media acts as a secondary filter.

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.





### LET Microprocessor Based Control Valve

- Down flow regeneration
- Days between regeneration feature: 1-99 days standard, 7-Day Optional
- Treated water regenerant refill
- Double backwash feature offers efficiency, optimum regeneration and cleaning ability
- System and operation data stored in protected memory
- 12-Volt output A/C adapter for safe and easy installation
- Valves ported internally 1"

### Easy to Program

Just enter correct time of day, frequency of regeneration and convenient time for regeneration.

### 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.

### Why Buy?

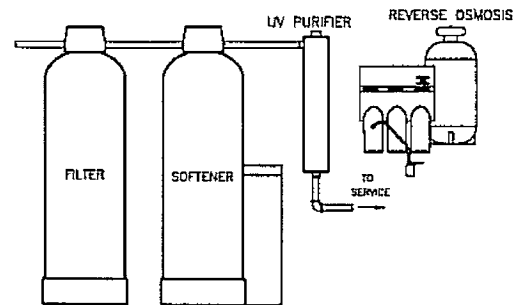
Iron is highly objectionable. It imparts a metallic taste to water. Much worse, it stains practically everything with which it comes in contact. Iron bearing water is usually clear and colorless with dissolved ferrous iron. Exposure to air causes it to oxidize to ferric iron, cloud up and deposit a yellowish 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.



### Cabinet

- Cabinet design offers space saving by combining the mineral tank and brine tank into one unit that allows up to 150LBS. of salt storage.



		TWO TANK				CABINET
MODEL NO.		7-FESLET-24	7-FESLET-32	7-FESLET-45	7-FESLET-60	7-FESLECT-24
Grains Capacity	Max	24,000	32,000	45,000	60,000	24,000
Mineral Tank Size (in.)		8x44	10x47	12x48	13x48	10x35
Brine Tank Size (in.)		18x33	18x33	18x33	18x40	14x20x44
Brine Tank Capacity (lbs.)		300	300	300	425	150
Salt Per Regeneration (lbs.)		12	15	22	30	12
Service Flow Rate (gpm)		10	12	14	16	10
Backwash Rate (gpm)		1.3	1.7	1.7	1.3	1.7
Pipe Size (in.)		1	1	1	1	1
Max. Pressure (psi)		125	125	125	125	125
Max. Temperature (°F)		110	110	110	110	110



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