



# LANCASTER

## WATER TREATMENT

### X-FACTOR SERIES LX125

THE ESTATE SERIES OFFERS HIGHER FLOW RATES FOR LARGER HOMES WITHOUT PAYING THE EXTRA COSTS OF GOING TO A COMMERCIAL SYSTEM. OUR TOP-OF-THE-LINE ELECTRONIC FILTER AND NEUTRALIZER SYSTEMS BRING ADVANCED TECHNOLOGY AND ENHANCED PERFORMANCE TO WATER CONDITIONING. THE X-FACTOR SERIES LX FEATURES A LANCASTER DESIGNED STATE-OF-THE-ART CONTROL VALVE.

#### FEATURES

- Higher flow rates for larger residences
- Environmentally friendly
- Connections provide for easy installation on 1-1/4" water lines
- Plated-tan technology uses 30% less water during regeneration
- Regenerates on demand
- Water usage efficiency up to 98%
- Modular design is easy to service and maintain
- Custom control program to meet family needs at a lower operating cost
- Energy-saving lighting display

#### ESTATE FILTERS & NEUTRALIZERS

The control valve is outfitted with a solid-state microprocessor control and Dot Matrix color-specific display to simplify system operation and set-up. The microprocessor controls the programmed sequence of cycles and cycle times while the color-specific display alerts you to the current state of process or needs of your LX unit. Blue indicates the unit is In Service; Green indicates the unit is backwashing; Flashing Yellow indicates the unit needs maintenance; and Flashing Red indicates an Error.

Our innovative control valve is easy to program and provides valuable information, including usage history, diagnostic records, and current gallon-per-minute flow and usage to the installer and homeowner. Additionally, the control valve monitors days since the last regeneration, peak flow rates, and reserve capacity based on water usage over the previous 21 days.

You can count on your professional plumbing contractor to provide expert advice and installation of the best Lancaster Water Treatment system to meet your household needs.



# X-FACTOR SERIES LX125

## ESTATE FILTERS & NEUTRALIZERS

### CARBON FILTERS

Lancaster's carbon filters, through filtration and adsorption, remove organic chemicals and other contaminants which cause color, taste and odor problems.

### ACID NEUTRALIZERS, FILTERS

Lancaster's acid neutralizers correct low pH water, which in turn protects your pipes, faucets, heaters, boilers and all appliances requiring the use of water. A water softener may also be recommended to remove hardness.

### SEDIMENT/TURBIDITY (FILTER-AG & FILTER-AG PLUS)

Lancaster's sediment filters will remove dirt, silica, and most suspended matter from your water supply down to a low micron filtering levels. Filter-AG and Filter-AG Plus requires no chemical regenerents - just a simple, periodic backwash.

### IRON FILTERS; BIRM & MTM

Lancaster's iron filters remove iron and manganese, also filter other suspended matter, prevent rust stains on clothing, appliances and remove taste and color of iron. When sulfur is present, MTM is the recommended mineral.

**NOTE:** When using Birm for iron removal, it is necessary that the water contain no oil or hydrogen sulfide, organic matter not to exceed 4-5ppm, the D.O. content equal at least 15% of iron content with a pH of 6.8 or more. If the influent water has a pH of less than 6.8, neutralizing additives such as calcite, corosex or soda ash may be used prior to the Birm filter to raise the pH. A water having a low D.O. level may be pretreated by aeration. Chlorination greatly reduces Birm's activity. High concentrations of the chlorine compounds may deplete the catalytic coating.



MODEL NO.	TANK	SERVICE GPM		BACKWASH GPM
		CONT.	PEAK	
<b>Color, Taste &amp; Odor (Carbon) Filters</b>				
7-LX125F-CT-2	13 x 48	9	11	10
7-LX125F-CT-3	14 x 65	12	14	10
7-LX125F-CT-4	16 x 65	15	17	15
<b>Acid Neutralizer (Calcite) Filters</b>				
7-LX125F-DAN-1.5	10 x 54 (with dome plug)	8	11	6.5
7-LX125F-DAN-2	13 x 48 (with dome plug)	9	12	10
7-LX125F-DAN-3	13 x 65 (with dome plug)	12	14	10
7-LX125F-DAN-4	16 x 65 (with dome plug)	15	17	15
<b>Sediment/Turbidity (Filter-AG *) Filters</b>				
7-LX125F-ST-2	13 x 48	9	11	9
7-LX125F-ST-3	14 x 65	12	14	9
7-LX125F-ST-4	16 x 65	15	17	15
<b>Iron (Birm) Filters</b>				
7-LX125F-IM-2	13 x 48	9	11	10
7-LX125F-5IM-3	14 x 65	12	14	10
7-LX125F-IM-4	16 x 65	15	17	15
<b>Iron (MTM) Filters</b>				
7-LX125F-TPIM-2	13 x 48	7	11	11
7-LX125F-TPIM-3	14 x 65	12	14	11
7-LX125F-TPIM-4	16 x 65	15	17	15

\*Filter-AG Plus systems available upon request