



LIGHT COMMERCIAL SYSTEMS

LE-HF Series RO Systems 700 GPD Model

Designed to offer an economical, high-flow solution for many residential and light commercial applications. Engineered with the latest in membrane technology for increased efficiency and high-performance properties. This compact system is self-standing, but also includes a wall-mountable bracket.

STANDARD FEATURES

- Sediment/Carbon Pre-Filtration
- Pentek® 20" Big Blue Housing
- Product Water Pressure Shutoff Switch
- Automatic Feed Shutoff Valve
- Pre-Filter Pressure Gauge, 0-100 PSI
- Post-Filter Pressure Gauge, 0-100 PSI
- Ultra-High Flow RO Membrane
- Aquatec® Low-Energy Booster Pump
- JG® Fittings/Tubing w/ Safety Locking Clips
- Factory Tested and Inspected for Top-Quality
- Designed and Assembled in the U.S.A.
- Custom Branding/Labeling Available
- One Year Limited Warranty



PART NUMBER	MODEL	CAPACITY (GPD/GPM)	MEMBRANE	DESIGN RECOVERY	NOMINAL TDS REJECTIONS	DIMENSIONS (L x W x H)
#878107001	LE-HF 700	700 / 0.48	3" x 12" (Qty: 1)	60%	94%	24" x 10" x 31"

FEED WATER PARAMETERS	
Temperature Range	40°F - 90°F (4°C - 32°C)
Minimum Feed Water Pressure	45 PSI
Maximum Feed Water Pressure	85 PSI
Maximum Feed Water TDS	1,000 PPM
Maximum Free Chlorine	0 PPM
Maximum Hardness	0 GPG
Maximum Iron	0 PPM
Maximum Oil Tolerance	0.0 mg\L
Maximum Feed Water Silt Index	3 SDI
Maximum Feed Water Turbidity	1 NTU
pH Range	2 - 11
Minimum Pre-Filtration	5 Micron

DESIGN CONDITIONS	
Design Operating Pressure	100 PSI
Maximum Operating Pressure	120 PSI
Feed Water Temperature	77°F (25°C)
Feed Water TDS	250 PPM as NaCl
Product Water Pressure Switch	40 PSI ON, 20 PSI OFF
Membrane Element	TFC - 3012
Nominal Salt Rejection	94%
Recovery Rate	60%