



LPXL-4040

Fibreglass Wrap Low Energy Element for Commercial Applications

High quality water at low applied pressure for drinking and commercial applications.

Typical Performance:

Permeate Flow: 2,400 gpd (9.1 m³/d)

Stabilized Salt Rejection: 99.6% Dry elements achieve quick stabilization

Test Conditions: 1500 ppm NaCl solution; 150 psig (10 Bar); 25°C; 15% recovery; pH 7.5. Individual flow rate may vary $\pm 15\%$.

Configuration: Low Fouling Spiral Wound; Composite Polyamide

Membrane Active Area: 100 ft² (9.3 m²)

Operating and Cleaning Limits:

Maximum Operating Temperature 113°F (45°C)

Maximum Operating Pressure 600 psi (41 Bar)

Free Chlorine Tolerance < 0.1 ppm

Maximum Feed Silt Density Index (SDI₁₅) 5.0

Maximum Feed Flow Rates 16 gpm (3.6 m³/h)

Maximum Pressure Drop 15 psig (1.0 Bar) / membrane; 50 psi (3.4 bar) / vessel

pH Range Continuous Operation 3 – 10; Short-Term Cleaning (30 min.) 1 - 13

Permeate obtained from the first hour of operation must be discarded.

Always keep elements moist after initial wetting.

All membrane elements are supplied with a brine seal & interconnector.

