LM8040-NF500-FL1

Nanofiltration membrane element

Specifications

	Active Area		Permeate Flow Rate		Average Salt Rejection
	ft²	m²	GPD	m³/d	
LM8040-NF500-FL1	400	37.2	13000	49	90%

Test conditions: 2000ppm ($MgSO_4$) water, 25°C (77°F); 70psi (0.48MPa); 15%   recovery

Permeate flows variation: +/-15%

Limits (Operating and cleaning)

pH (infeed)	3-10
pH (cleaning)	2-12
Temperature	45°C (113°F) max.
Free Chlorine	0.1ppm max.
SDI	5 max.
Pressure	600psi max. (4.14MPa)
Single Element Pressure Drop	15psi (0.10MPa)

Storage Conditions and Remarks

Always keep new elements in the original packaging

Avoid exposure to direct sunlight

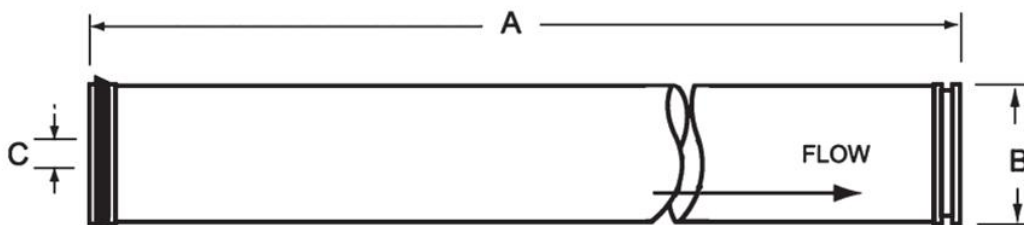Avoid exposure to chlorine and oxidizing agents

3-year warranty

Oxidation damage is not covered under warranty

Keep elements moist at all times after initial wetting

The initial permeate (first hour) must be discarded

During prolonged system shutdowns, membrane elements must be immersed in preservative solution. The solution must be rinsed out before operation starts again

Model	A/ mm (inch)	B/ mm (inch)	C/ mm (inch)
LM8040-NF500-FL1	1016(40)	201(7.9)	29(1.125)