

◇ Extremely Low Pressure Membrane Elements -XLP Series

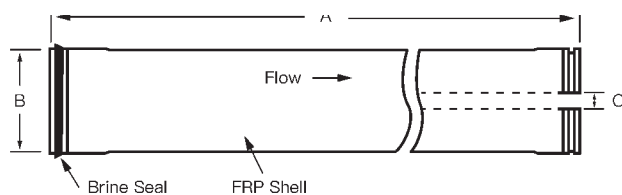
Extremely Low Pressure Series Membrane Element can reach a water flux and rejection rate that rivals its low pressure counterpart under extreme-low pressure, its operating pressure is 1/2 to that of the normal low-pressure element.

Model	Permeate Flow		Stable Rejection	Active Membrane Area		Feed spacer Thickness
	GPD	m ³ /d		ft ²	m ²	
XLP12-8040	12800	48.4	99.2	400	37.2	28
XLP11-4040	2600	9.8	99.2	100	9.3	28
Testing Conditions	Operating pressure 100 psi (0.69 MPa)					
	Tested in 500 mg/L NaCl solution					
	Temperature at 25 °C					
	pH 7.0 ± 0.5					
	Recovery rate at 15%					
Operating Conditions & Limits	Maximum operating pressure:		600 psi(4.14 MPa)			
	Maximum feedwater flow:		8040-75 gpm(17 m ³ /h)			
			4040-16 gpm (3.6 m ³ /h)			
	Maximum temperature:		45 °C			
	Maximum feedwater flow SDI ₁₅ :		5			
	Maximum concentration of free chlorine:		<0.1 mg/L			
	Maximum pressure drop per element:		15 psi (0.1MPa)			
	Allowed pH range for chemical cleaning:		2-12			
	Allowed pH range for feedwater in operation:		3-10			

Note: Each membrane element may have ±20% variation of permeate flow.

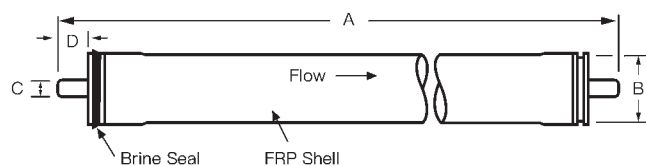
Product Size (1 inch=25.4 mm)

8040 Membrane Element



A/mm(inch)	B/mm(inch)	C/mm(inch)
1016 (40)	201 (7.9)	29 (1.125)

4040、2540 Membrane Element



Specification	A/mm(inch)	B/mm(inch)	C/mm(inch)	D/mm(inch)
4040	1016 (40)	99.7 (3.9)	19.1 (0.75)	26.7 (1.05)
2540	1016 (40)	61 (2.4)	19.1 (0.75)	30.2 (1.19)