

Data Sheet



Brackish Water Pressure RO Membrane Element 8040

APPLICATIONS

- Groundwater, tap water treatment etc.
- Dairy and beverage production, water vending machine, water purify equipment in medical lab, drinking equipment in office or residential site etc.
- Feed TDS below 2000mg/L.

BENEFITS

- High Rejection Rate and Strong Stability
- Economical and Applicability

SPECIFICATIONS

Model	Active Area ft2(m2)	Feed Spacer Thickness(mil)	Permeate Flow Rate GPD(m3/d)	Stabilized Salt Rejection (%)
MBR-8040-XLFR BW	400 (37.2)	34	11500(43.5)	99.75

STANDARD TEST CONDITION

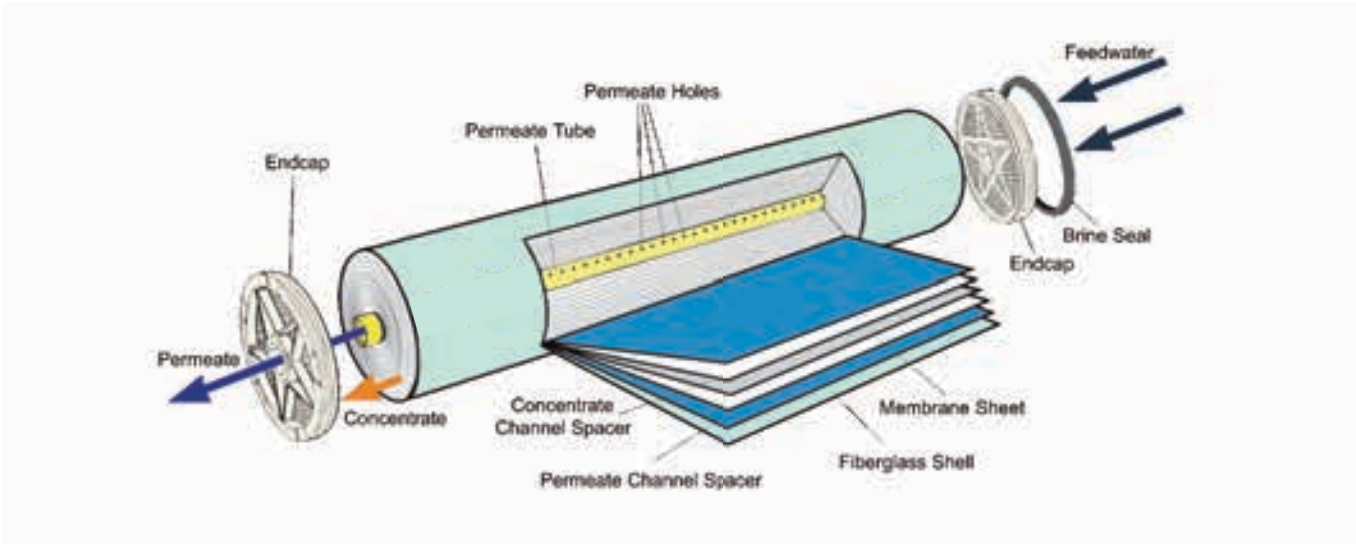
Solution	Temperature (°C)	pH	Operating Pressure psi(MPa)	Recovery (%)
1500mg/L NaCl	25	7.5-8.0	225(1.55)	15

Individual flow rate may vary ±15%

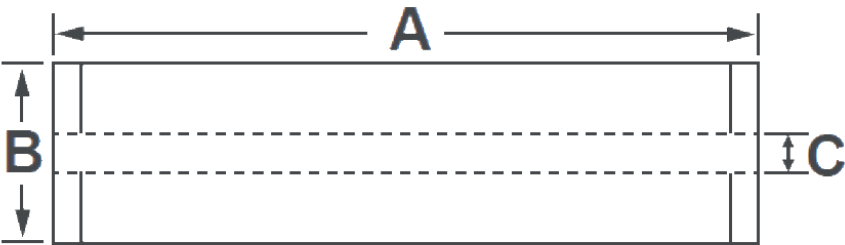
ELEMENT DIMENSIONS AND OPERATING LIMITS

Model	Length		Diameter		Permeate Tube inner Diameter	
	inch	mm	inch	mm	inch	mm
MBR-8040-XLFR BW	40	1016	7.9	201	1.12	28.50

Ultra Low Pressure RO Membrane Element 8040



Maximum Operating Pressure	600psi(4. 14MPa)
Maximum Operating Temperature	45°C
Maximum Feed Silt Density Index	5.0
Free Chlorine Tolerance	0. 1mg/L
pH Range,Continuous Operation	3- 10
pH Range,Short-Term Cleaning	1- 13
Maximum Element Pressure Drop	15psi(0. 1MPa)



DIMENSIONS			
A mm (in.)	B mm (in.)	C mm (in.)	D mm (in.)
1,016 (40)	200 (7.9)	28.6 (1.125)	16 (.35)

The dimensional information is indicative and is provided as a reference.
Please contact us for detailed technical specifications.