Data Sheet

MEMBRAS
Membranas de Osmose Reversa

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

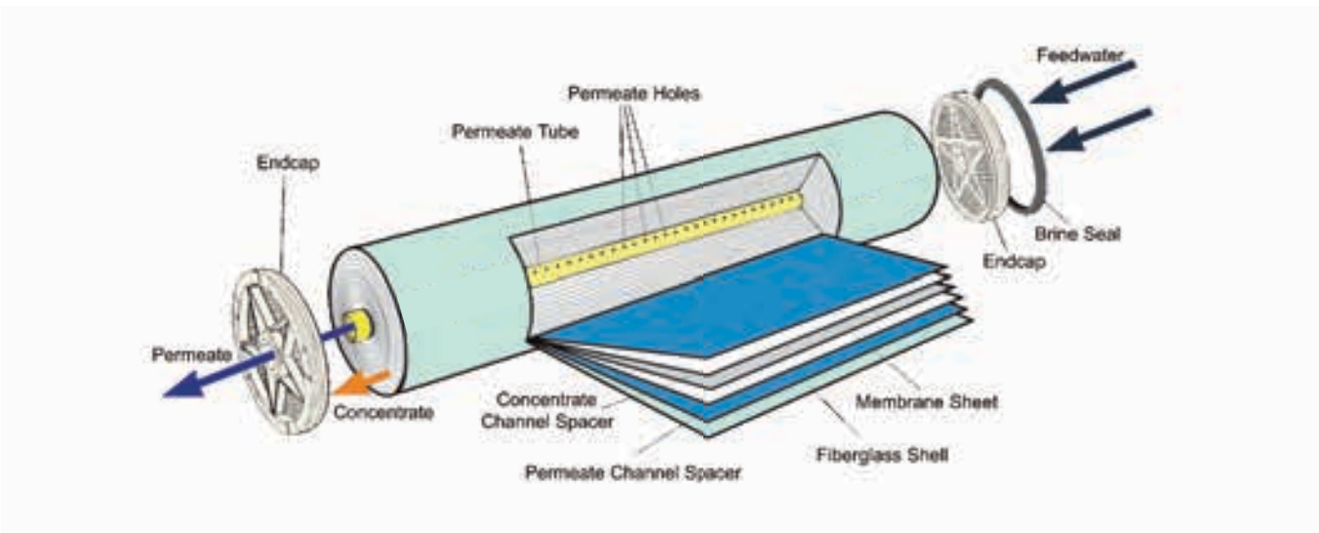
Model	Length		Diameter		Permeate Tube inner Diameter	
	inch	mm	inch	mm	inch	mm
MBR-8040-XLFR BW	40	1016	7.9	201	1.12	28.50

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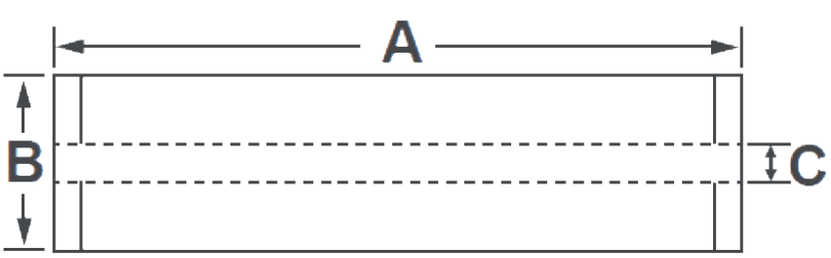
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Ultra Low Pressure RO Membrane Element 8040



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.

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