Data Sheet

MEMBRAS
Membranas de Osmose Reversa

Ultra Low Pressure RO Membrane Element 4040

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-4040 ULP	85 (7.9)	28	2600 (9.8)	99.35

STANDARD TEST CONDITION

Solution	Temperature (°C)	pH	Operating Pressure psi(MPa)	Recovery (%)
1500mg/L NaCl	25	7.5-8.0	150(1.03)	15

Individual flow rate may vary ±15%

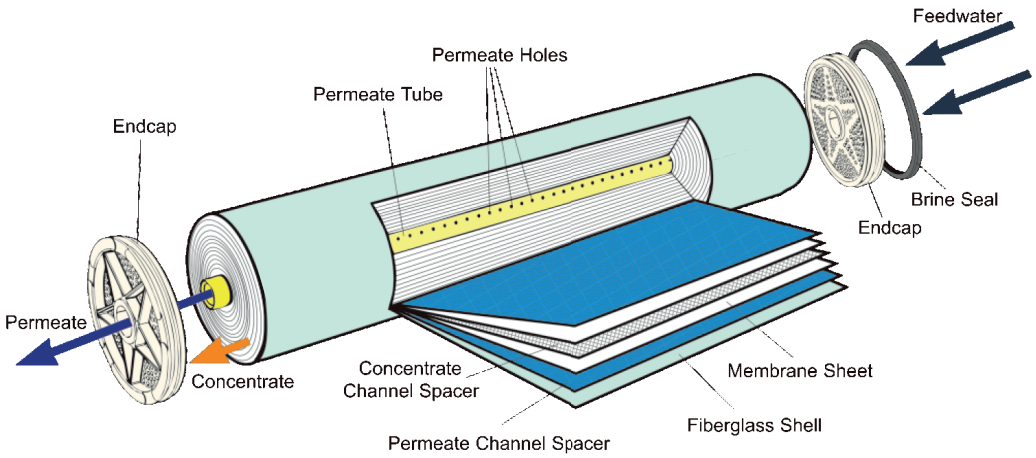
ELEMENT DIMENSIONS AND OPERATING LIMITS

Model	Length		Diameter		Permeate Tube inner Diameter		Permeate Tube Extension Length	
	inch	mm	inch	mm	inch	mm	inch	mm
MBR-4040 ULP	40	1016	3.9	99	0.75	19.1	1.04	26.5

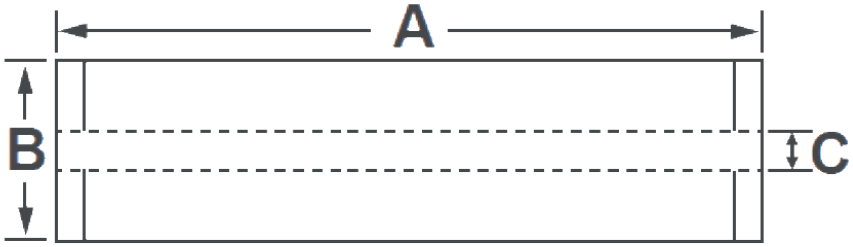
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Maximum Operating Pressure	**600psi(4. 14MPa)**
Maximum Operating Temperature	**45°C**
Maximum Feed Silt Density Index	**5.0**
Free Chlorine Tolerance	**0. 1mg/L**
pH Range,Continuous Operation	**3- 10**
pH Range,Short-Term Cleaning	**1- 13**
Maximum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