Data Sheet

MEMBRAS
Membranas de Osmose Reversa

Brackish Water RO Membrane Element 4040

APPLICATIONS

- Brackish water, groundwater, surface water, tap water treatment etc.
- Liquid concentration, sewage wastewater and reclaimed water recycle etc.
- Feed TDS below 5000mg/L.
- Production water supply system for electronics, power, steel & iron, pharmacy, thermoelectric , petrochemical, coal to chemicals etc.

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 BW	85 (7.9)	28	2500 (9.5)	99.60

STANDARD TEST CONDITION

Solution	Temperature (°C)	pH	Operating Pressure psi(MPa)	Recovery (%)
2000mg/L NaCl	25	7.5-8.0	225(1.55)	15

Individual flow rate may vary ±15%

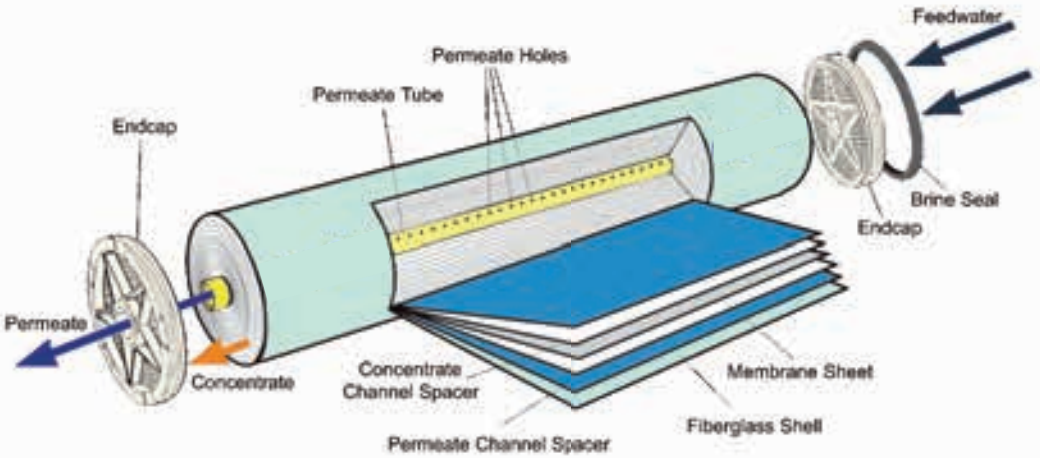
ELEMENT DIMENSIONS AND OPERATING LIMITS

Model	Active Area ft2(m2)		Feed Spacer Thickness(mil)		Permeate Flow Rate GPD(m3/d)	
	inch	mm	inch	mm	inch	mm
MBR-4040 BW	40	1016	7.9	201	1.12	28.5

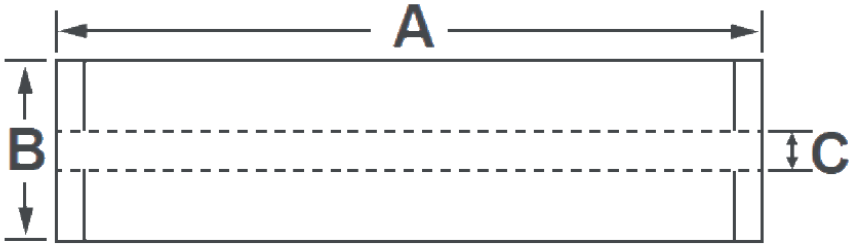
Data Sheet

MEMBRAS
Membranas de Osmose Reversa

Brackish Water RO Membrane Element 4040



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.

ifications.