Data Sheet

MEMBRAS
Membranas de Osmose Reversa

Extreme Low Pressure RO Membrane Element 4040

APPLICATIONS

- Surface water, groundwater and municipal water salinity.
- Higher permeate flux. High quality water at extreme low operating conditions
- Feed TDS below 2000mg/L.
- Purified water, bottled drinking water and the second pass of a two pass membrane system

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 HF XLP	100 (9.3)	28	3000 (11.3)	99.00

STANDARD TEST CONDITION

Solution	Temperature (°C)	pH	Operating Pressure psi(MPa)	Recovery (%)
500 mg/L NaCl	25	7.5-8.0	100 (0.69)	15

Individual flow rate may vary ±15%

ELEMENT DIMENSIONS AND OPERATING LIMITS

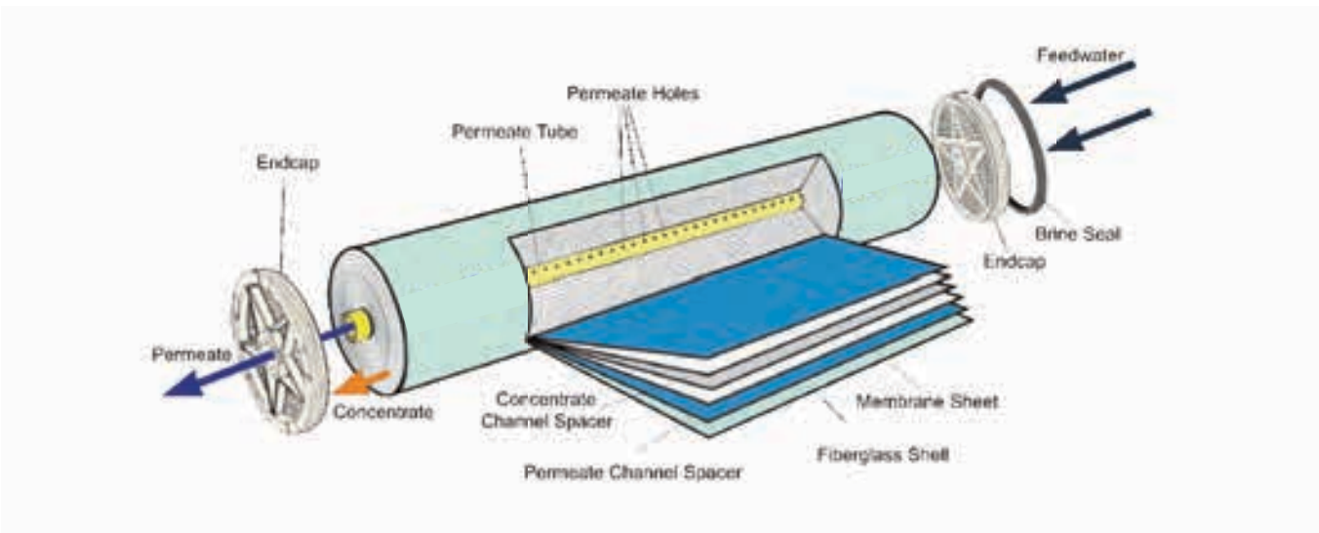
Model	Active Area ft2(m2)		Feed Spacer Thickness(mil)		Permeate Flow Rate GPD(m3/d)	
	inch	mm	inch	mm	inch	mm
MBR-4040 HF XLP	40	1016	7.9	201	1.12	28.5

Consultas y ventas: AQUAREP · www.aquarep.com.ar · info@aquarep.com.ar · WhatsApp +54 9 11 6091-0087

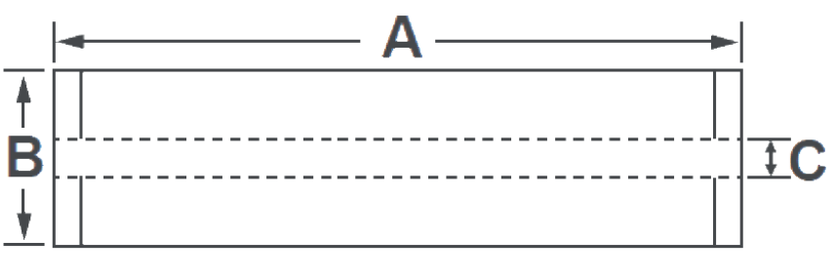
Data Sheet

MEMBRAS
Membranas de Osmose Reversa

Extreme Low Pressure 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.

Consultas y ventas: AQUAREP · www.aquarep.com.ar · info@aquarep.com.ar · WhatsApp +54 9 11 6091-0087