

## Brackish Water RO Membrane Element- BW-4040

Product Category:

Industrial Membrane Element

Main Feature:

High rejection rate, large flux and excellent anti-fouling property.



## USAGE

It is applicable to the desalination of surface water, groundwater and water treatment with salt concentration between 2000 and 8000ppm. It can be widely used in the medicine, chemical industry, beverage, electricity and other various industries etc..

## SPECIFICATIONS & PARAMETERS

Model	Active Membrane Area ft <sup>2</sup> (m <sup>2</sup> )	Concentrate Channel Spacer (mil)	Permeate Flow GPD(m <sup>3</sup> /d)	Stable Rejection Rate (%)	Minimum Rejection Rate (%)
BW-4040	85(7.9)	28	2500(9.5)	99.60	99.50

## STANDARD TEST CONDITION

Concentration of Solution (NaCl)	Temperature (°C)	pH Value	Operating Pressure psi(MPa)	Recovery Rate (%)
2000mg/L	25	7.5-8	225(1.55)	15

Notes: The permeate flow of single membrane element may vary with in ±15%.

Operating Limits and Conditions of Membrane Element:

Max.Working Pressure	600 psi(4.14MPa)
Max. FeedWater Temperature	45 °C
Max. FeedWaterSDI15	5.0
Max. Feed Water Flow	3.6m <sup>3</sup> /h
Free Chlorine Concentration of FeedWater	0.1mg/L
pH Range of FeedWaterDuring Continuous Operation	3-10
pH Range of FeedWaterDuring Chemical Cleaning	1-13
Max. Pressure Drop of Single Membrane Element	15psi(0.1Mpa)