



## TECHNICAL INFORMATION

The following module is based on the specifications below:

<b>Membrane Type</b>	Composite Polyamide Membrane	Chlorine removal required
<b>Nominal Size</b>	4" x 14"	Tape wrap: Yellow
<b>Productivity Rate</b>	400 gpd ± 15% (63 lph)	@ 225 psi, 77°F, Potable Water
<b>Minimum Rejection</b>	97%	Typical 99%

### T4014-400 BW BRACKISH WATER TFC REPLACEMENT ELEMENTS<sup>(1)</sup>



A= 14"

B=4" nom.

C=0.75" o.d.

<b>RECOMMENDED OPERATING PARAMETERS</b>		
<b>Pressure</b>	30 to 300 psi	Overall performance improves with pressure
<b>Recommended Use Pressure</b>	225 psi	
<b>pH</b>	4.0 to 11.0	2.5 during cleaning cycles is ok
<b>Temperature</b>	40 to 110 °F	Size element GPD for lowest water temperature during the year
<b>Minimum Concentrate Flow</b>	5 times Permeate Flow	Lower ratios increase the rate of fouling
<b>Maximum Feed Concentration</b>	9000 ppm	
<b>Maximum Feed Flow Turbidity</b>	5 NTU	
<b>Maximum Feed Silt Density</b>	5 SDI	
<b>Chlorine Tolerance</b>	0	Total removal recommended. The membrane has approximately 1000 ppm-hr tolerance
<b>Minimum TDS Rejection</b>	97%	98.5 to 99% is typical on most city water

(1) Custom labeling available.