

## 100 Series Commercial Reverse Osmosis Membranes



**100** psi™  
Operating Pressure

- ✓ World Class Manufacturing Facility
- ✓ Advance Membrane Technology
- ✓ Precision Manufacturing Tolerances
- ✓ 35+ Combined Years Experience

### Features

- High Efficiency, High Rejecting Membrane Flat Sheet
- ISO 9000, Semi-Automated Manufacturing Facility
- 100psi Operating Pressure
- Fits All Standard Vessels
- 100% Vacuum Decay Test
- Shipped Dry

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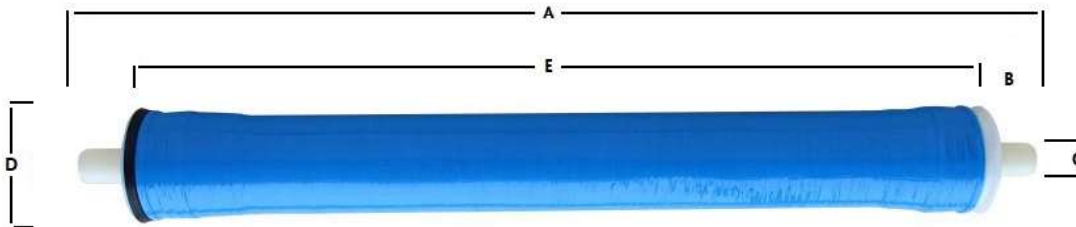
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MODEL	2514	2521	2540	4014	4021	4040
Part Number	62006	62007	62008	62009	62010	62011
<b>Flow Specifications</b>						
Permeate Flow gpd	225 gpd	400 gpd	850 gpd	600 gpd	1000 gpd	2500 gpd
Permeate Flow lph	35 lph	63 lph	35 lph	95 lph	158 lph	394 lph
Nominal Rejection	99%	99%	99%	99%	99%	99%
<b>Operating Limits</b>						
Max Temperature F°	113	113	113	113	113	113
Max Temperature C°	45	45	45	45	45	45
Max Feed Flow gpm	6	6	6	16	16	16
Max Feed Flow lpm	22.71	22.71	22.71	60.56	60.56	60.56
Max Feed SDI	5	5	5	5	5	5
pH Range	2-11	2-11	2-11	2-11	2-11	2-11
Chlorine Tolerance	< 0.1 ppm	< 0.1 ppm	< 0.1 ppm	< 0.1 ppm	< 0.1 ppm	< 0.1 ppm
<b>Element Dimensions</b>						
A (inch / mm)	14" 355.6mm	21" 533.4mm	40" 1016mm	14" 355.6mm	21" 533.4mm	40" 1016mm
B (inch / mm)	1.10" 27.94mm	1.10" 27.94mm	1.10" 27.94mm	1.10" 27.94mm	1.10" 27.94mm	1.10" 27.94mm
C (inch / mm)	.75" 19mm	.75" 19mm	.75" 19mm	.75" 19mm	.75" 19mm	.75" 19mm
D (inch / mm)	2.4" 61mm	2.4" 61mm	2.4" 61mm	3.9" 99mm	3.9" 99mm	3.9" 99mm
E (inch / mm)	12" 304mm	19" 483mm	38" 965mm	12" 304mm	19" 483mm	38" 965mm

Permeate flow and salt rejection based on the following test conditions: 500 ppm softened tap water, 77°F (25°C), 15% recovery at 100psi. Minimum salt rejection is 96%. Membrane production can vary +/- 20%.



It is recommended that systems using these elements rinse the elements for 24 hours, prior to first use. Permeate water obtained from the first hour of use should be discarded to the drain. To ease installation, it is recommended to use a lubricant safe for indirect water contact on all seals. Keep elements moist at all times after initial wetting. • To prevent biological growth during prolonged system shutdowns, it is recommended that membrane elements be immersed in a preservative solution. Rinse out the preservative before use. • The membrane shows some resistance to short-term attack by chlorine (hypochlorite). Continuous exposure may damage the membrane and should be avoided.