

## Residential Series Reverse Osmosis Membranes



**60**psi™  
Operating Pressure

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

### Features

- High Efficiency, High Rejecting Membrane Material
- ISO 9000, Semi-Automated Manufacturing Facility
- NSF Approved Buna-N Dual O-Rings
- Fits All Standard Vessels
- 100% Vacuum Decay Test
- Shipped Dry

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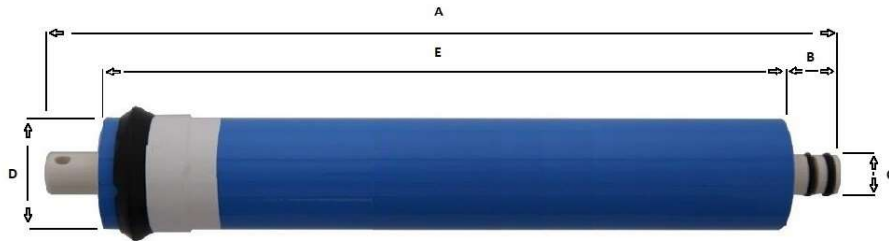
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MODEL	1812-50	1812-75	1812-100	1812-150	3013-600
Part Numbers	61102	61103	61104	61105	61106
<b>Flow Specifications</b>					
Permeate Flow gpd	50 gpd	75 gpd	100 gpd	150 gpd	600 gpd
Permeate Flow lph	7.88 lph	11.83 lph	15.77 lph	23.66 lph	94.63 lph
Permeate Variance	+/- 20%	+/- 20%	+/- 20%	+/- 20%	+/- 20%
<b>Operating Limits</b>					
Max Temperature F°	113	113	113	113	113
Max Temperature °C	45	45	45	45	45
Max Feed Flow gpm	2	2	2	2	2.5
Max Feed Flow lpm	7.60	7.60	7.60	7.60	9.46
Max Feed SDI	5	5	5	5	5
pH Range	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
<b>Element Dimensions</b>					
A (inch / mm)	11.75" 298mm	11.75" 298mm	11.75" 298mm	11.75" 298mm	13" 330.2mm
B (inch / mm)	.875" 22.2mm	.875" 22.2mm	.875" 22.2mm	.875" 22.2mm	.79" 20mm
C (inch / mm)	.68" 17mm	.68" 17mm	.68" 17mm	.68" 17mm	.68" 17mm
D (inch / mm)	1.75" 44.5mm	1.75" 44.5mm	1.75" 44.5mm	1.75" 44.5mm	2.75" 69.85mm
E (inch / mm)	10" 254mm	10" 254mm	10" 254mm	10" 254mm	11.75" 298mm

Permeate flow and salt rejection based on the following test conditions: 500 ppm softened tap water, 77°F (25°C), 15% recovery at 60psi. 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.