ADVANTECH AQUA

Advancing Water Treatment Through Technology

Residential Reverse Osmosis Membranes

65 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, Automated Manufacturing
- NSF Approved Buna-N Dual O-Rings
- Fits all standard vessels
- 100% Vacuum decay test
- Shipped dry

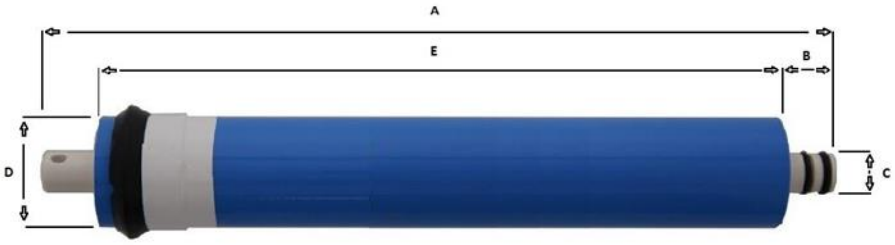
Ph: 866-851-4566
Fax: 951-200-4391
E-Mail: info@advantechaqua.com
Web: www.advantechaqua.com

ADVANTECH AQUA

Advancing Water Treatment Through Technology

MODEL	1812-50	1812-75	1812-100	1812-150	3012-500
Part Number	61102	61103	61104	61105	61109
Flow Specifications					
Permeate Flow gpd	50 gpd	75 gpd	100 gpd	150 gpd	500 gpd
Permeate Flow lph	7.88 lph	11.83 lph	15.77 lph	23.66 lph	158 lph
Nominal Rejection	98%	98%	98%	98%	98%
Operating Limits					
Max Temperature F°	113	113	113	113	113
Max Temperature C°	45	45	45	45	45
Max Feed Flow gpm	2	2	2	2	3
Max Feed Flow lpm	7.60	7.60	7.60	7.60	11.35
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
Element Dimensions					
A (inch / mm)	11.75” 298 mm	11.75” 298mm	11.75” 298mm	11.75” 298mm	11.75” 298mm
B (inch / mm)	.875” 22.2mm	.875” 22.2mm	.98” 22.2mm	.98” 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 65psi. 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.