



**SPECIFICATIONS:**

<b>Model(3G)</b>	Adapted Pressure	Salt Rejection(%)	Flow Rate(GPD)	Effective membrane area	Packing Weight/Size
1812-50	60psi	98.0	50	3.5ft <sup>2</sup>	25pcs /Carton 6kg(0.345*0.3*0.32)
1812-75	60psi	98.0	75	4.2ft <sup>2</sup>	
2012-100	60psi	98.0	100	5.0 ft <sup>2</sup>	
2012-150	60psi	98.0	150	5.2ft <sup>2</sup>	
3012-300	60psi	98.0	300	36ft <sup>2</sup>	10pcs/Carton
3013-400	60psi	98.0	400	40ft <sup>2</sup>	6.0kg(0.41*0.34*0.4)

<b>Model(2G)</b>	Adapted Pressure	Salt Rejection(%)	Flow Rate(GPD)	Effective membrane area	Packing Weight/Size
1812-50	60psi	97.0	50	3.5ft <sup>2</sup>	25pcs /Carton 6kg(0.345*0.3*0.3)
1812-75	60psi	97.0	75	4.2ft <sup>2</sup>	
2012-100	60psi	97.0	100	5.0 ft <sup>2</sup>	
2012-150	60psi	97.0	150	5.2ft <sup>2</sup>	
3012-300	60psi	97.0	300	36ft <sup>2</sup>	10pcs/Carton 6.0kg(0.41*0.34*0.4)

<b>Model (B class)</b>	Adapted Pressure	Salt Rejection(%)	Flow Rate(GPD)	Effective membrane area	Packing Weight/Size
1812-50	60psi	93.0	50	3.5ft <sup>2</sup>	25pcs /Carton 6kg(0.345*0.3*0.3)
1812-75	60psi	93.0	75	4.2ft <sup>2</sup>	
2012-100	60psi	93.0	100	5.0 ft <sup>2</sup>	
2012-150	60psi	93.0	150	5.2ft <sup>2</sup>	
3012-300	60psi	93.0	300	36ft <sup>2</sup>	10pcs/Carton 6.0kg(0.41*0.34*0.4)

1 The stated product performance is based on data taken after 30 minutes of operation at the following test conditions:

- 200 mg/L NaCl solution at 60 psi applied pressure.
- 15% recovery
- 77 °F (25 °C)
- pH 6.5 – 7.0

2. Permeate flow rate for each element may vary but will be no more than 15%.

3. All elements are vacuum sealed in a polyethylene bag at standard dry membrane without any water testing.

**APPLICATION DATA:**

**Operating Limits**

- Max. Operating Pressure :300psi

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- Max. Feed Flow Rate: 2 gpm (0.45 m<sup>3</sup>/hr)
- Max. Operating Temperature :45°C.
- Operating pH Range: 2.0 – 11.0
- Max. Turbidity :1.0 NTU
- Max. SDI (15 min) :5.0
- Max. Chlorine Concentration < 0.1 mg/L

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