

RESIDENTIAL

RO elements for residential use (2.0 and 2.8 inch diameters)

CSM®

SPECIFICATIONS:

General Features

Model Name	Permeate Flow Rate GPD (L/day)	Salt Rejection %
RE2012-100	100 (397)	98.0%
RE2812-300	300 (1,136)	98.0%

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 psig (0.41 MPa) applied pressure
- 15% recovery
- 77 °F (25 °C)
- pH 6.5-7.0

2. Minimum salt rejection is 96.0%.

3. Dry type elements are vacuum leak tested using the San Diego Protocol.

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

5. Dry elements are packaged in a polyethylene bag

▣ Wet elements are packaged in a polyethylene bag containing SB(4g/L) + HCl(0.5 g/L) solution.

Membrane type: Thin-Film Composite

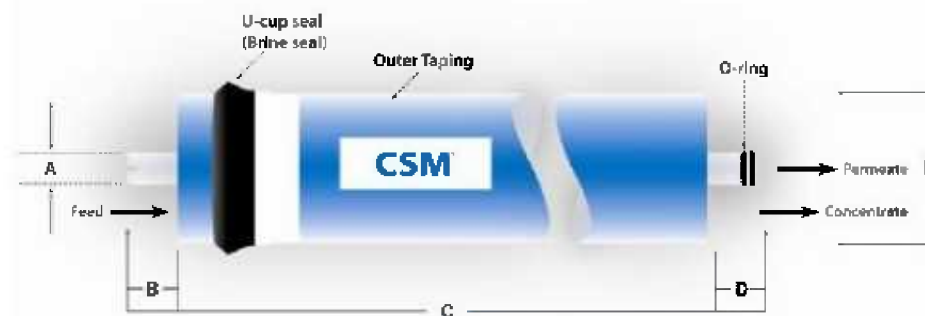
Membrane material: Polyamide (PA)

Element configuration: Spiral-Wound, Tape Wrapping

Dimensions

Model Name	A	B	C	D	E
RE2012-100	0.67	0.47	11.73	0.91	1.91
RE2812-300	0.67	0.87	11.73	0.87	2.87

*All measurement are in inches



Woongjin Chemical Co., Ltd.

For more information on our products, company and regional contacts,
Product Specification Sheet / Model RE 2012-100, RE 2012-LPF, RE 2812-
Page 1 of 2

Pembelian hubungi :

PureWaterCare

Water Treatment Management

Office : Apartemen Sentra Timur Tower Hijau

Retail H08EB Pulogebang Jaktim

Workshop : Jl. Nusa Indah Raya Blok 37 No 10

Perumnas Klender Jakarta Timur

Tel: 021-7053-8248, Hp: 0852-1830-0576 SMS:

0818-7458-40, Fax:021-4870-3967,021-862-2375

Website: www.purewatercare.com | Email:

purewatercare@gmail.com

APPLICATION DATA:

Operating Limits

• Max. Operating Pressure	125 psi (0.86 MPa)
• Max. Feed Flow Rate	2 gpm (0.45 m ³ /hr)
• Max. Operating Temperature	113 °F (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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GENERAL HANDLING PROCEDURES

- Elements contained in the boxes must be kept dry at room temperature (7–32°C; 40–95°F) and should not be stored in direct sunlight. If the polyethylene bag is damaged, a new preservative solution (sodium bisulfite) must be added and air-tight sealed to prevent drying and biological growth.
- Permeate from the first hour of operation should be discarded to flush out the preservative solution.
- Elements should be immersed in a preservative solution during storage, shipping and system shutdowns to prevent biological growth and freezing. The standard storage solution contains 1% by weight sodium bisulfite or sodium metabisulfite (food grade). For short term storage (i.e. one week or less) 1% by weight sodium metabisulfite solution is adequate for preventing biological growth.
- Keep elements moist at all times after initial wetting.
- Only use chemicals compatible with the membrane elements and components. Use of such chemicals may void the element limited warranty.
- Permeate pressure must always be equal or less than the feed/concentrate pressure. Damage caused by permeate back pressure voids the element limited warranty.

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For more information on our products, company and regional contacts, Product Specification Sheet / Model RE 2012-100, RE 2D12-LPF, RE 2B12. Page 2 of 2

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