



## MODEL : HA5230CI, PM

Element Configuration : Hollow Fiber, Single Open-Ended

### SPECIFICATION

|                              |  |                          |
|------------------------------|--|--------------------------|
| Product Flow Rate            | Nominal                                    | 15.0 m <sup>3</sup> /D   |
|                              | Minimum                                    | 11.0 m <sup>3</sup> /D   |
| Salt Rejection* <sup>1</sup> | Nominal                                    | 94.0%                    |
|                              | Minimum                                    | 92.0%                    |
| Test Conditions              | Feed water, NaCl Solution                  | 1500 mg/L                |
|                              | Pressure                                   | 2.9 MPa                  |
|                              | Temperature                                | 25 deg.C                 |
|                              | Recovery                                   | 75%                      |
| Operating Conditions         | Maximum Pressure                           | 3.9 MPa                  |
|                              | Temperature Range                          | 5 - 35 deg.C             |
|                              | Brine Flow Rate* <sup>2</sup>              | 7.5-60 m <sup>3</sup> /D |
| Feed Water Qualities         | Maximum Fouling Index (SDI <sub>15</sub> ) | 4.0                      |
|                              | pH Range* <sup>3</sup>                     | 3 – 8                    |
|                              | Maximum Residual Chlorine* <sup>4</sup>    | 1.0 mg/L                 |

\*1 The salt rejection defines the product quality, being indicated in the following formula  
$$(1 - (\text{salt concentration in product water}) / (\text{salt concentration in feed water})) \times 100$$

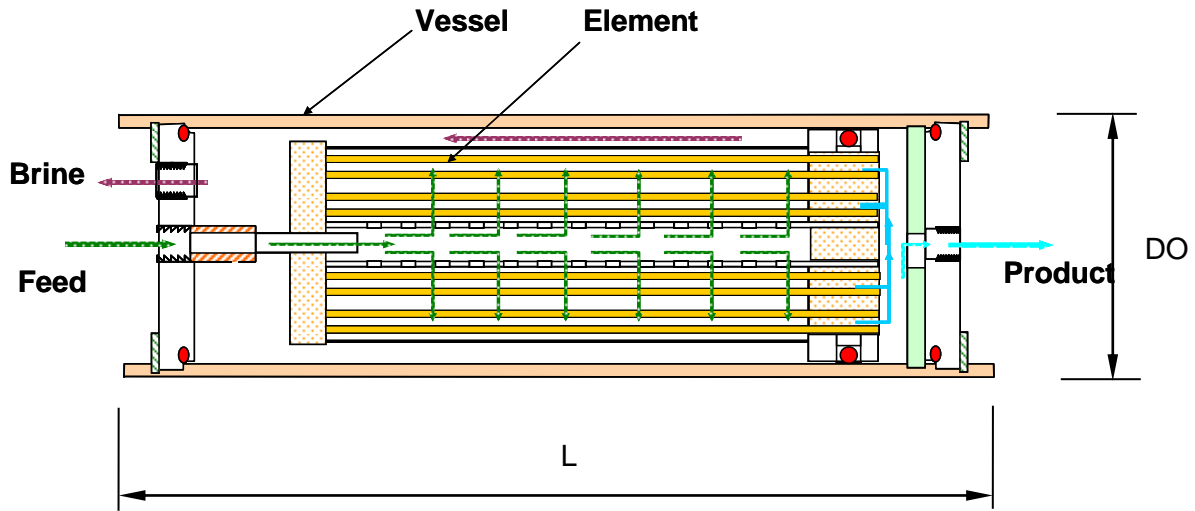
\*2 The brine flow rate range is limited by the quality and the temperature of the feed water

\*3 pH is limited by the quality and the temperature of feed water

\*4 Residual chlorine is limited by the quality and the temperature of feed water

The above specifications are understood to be subject to change without prior announcement.

**DIMENSIONS**



**Module Dimension**

|                            |                    |               |
|----------------------------|--------------------|---------------|
| Number of Element          |                    | 1             |
| Module size                | Outer Diameter ,DO | 150 mm        |
|                            | Length ,L          | 840 mm        |
| Weight (Filled with water) |                    | approx. 21 kg |
| Connection                 | Feed               | PT 1/2 inch   |
|                            | Brine              | PT 3/8 inch   |
|                            | Product            | PT 1/2 inch   |

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