



## MODEL : HB10255FI

Element Configuration : Hollow Fiber, Both Open-Ended

### SPECIFICATION

|                              |  |                            |
|------------------------------|--|----------------------------|
| Product Flow Rate            | Nominal                                    | 67.0 m <sup>3</sup> /D     |
|                              | Minimum                                    | 60.0 m <sup>3</sup> /D     |
| Salt Rejection* <sup>1</sup> | Nominal                                    | 99.6%                      |
|                              | Minimum                                    | 99.4%                      |
| Test Conditions              | Feed water, NaCl Solution                  | 35,000 mg/L                |
|                              | Pressure                                   | 5.39 MPa                   |
|                              | Temperature                                | 25 deg.C                   |
|                              | Recovery                                   | 30%                        |
| Operating Conditions         | Maximum Pressure                           | 8.23 MPa                   |
|                              | Temperature Range                          | 5 - 40 deg.C               |
|                              | Brine Flow Rate* <sup>2</sup>              | 50 – 240 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  
$$(1 - (\text{salt concentration in product water}) / (\text{salt concentration in feed water})) \times 100$$

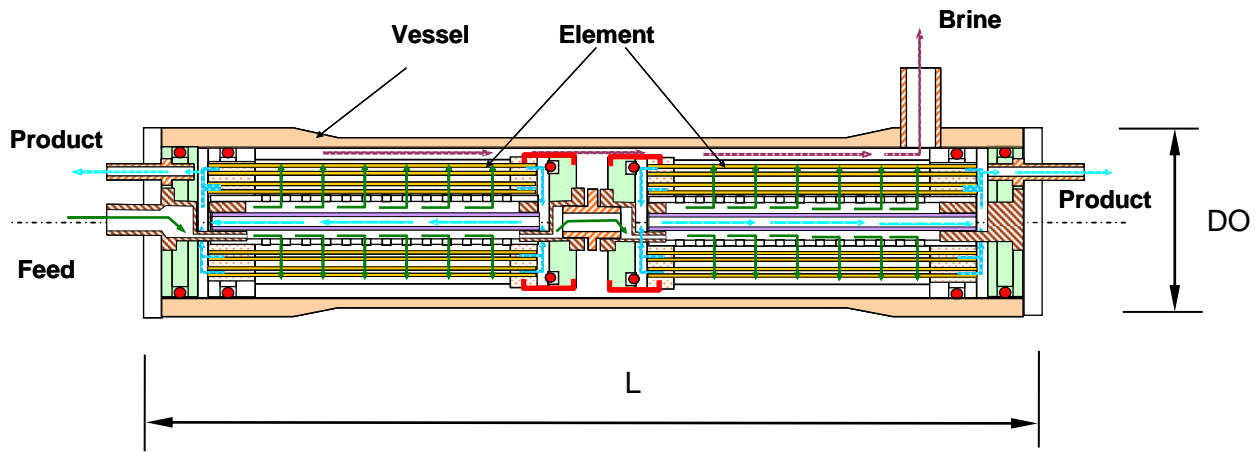
\*2 The brine flow rate range is limited by the quality and the temperature of the feed water

\*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          |                    | 2                  |
| Module size                | Outer Diameter ,DO | 400 mm             |
|                            | Length ,L          | 2875 mm            |
| Weight (Filled with water) |                    | approx. 470 kg     |
| Connection                 | Feed               | Victaulic 1½ inch  |
|                            | Brine              | Victaulic 1½ inch  |
|                            | Product            | 2-Victaulic ¾ inch |

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