



## MODEL : HA3110PM

Element Configuration : Hollow Fiber, Single Open-Ended

### SPECIFICATION

Product Flow Rate	Nominal	0.90 m <sup>3</sup> /D
	Minimum	0.60 m <sup>3</sup> /D
Salt Rejection* <sup>1</sup>	Nominal	94.0%
	Minimum	92.0%
Test Conditions	Feed water, NaCl Solution	500 mg/L
	Pressure	0.98 MPa
	Temperature	25 deg.C
	Recovery	30%
Operating Conditions	Maximum Pressure	1.5 MPa
	Temperature Range	5 - 35 deg.C
	Brine Flow Rate* <sup>2</sup>	1 – 4 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  
$$(1 - (\text{salt concentration in product water}) / (\text{salt concentration in feed water})) \times 100$$

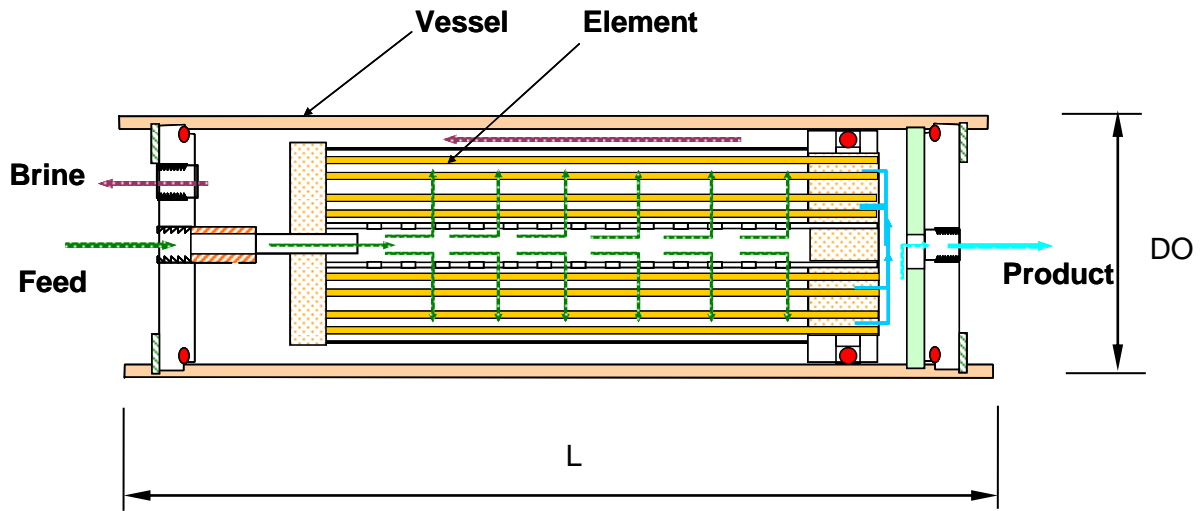
\*2 The brine flow rate range is limited by the quality and the temperature of the feed water

\*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	90 mm
	Length ,L	420 mm
Weight (Filled with water)		approx. 4 kg
Connection	Feed	PT $\frac{3}{8}$ inch
	Brine	PT $\frac{1}{4}$ inch
	Product	PT $\frac{3}{8}$ inch

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