



MODEL : HA5110PM

Element Configuration : Hollow Fiber, Single Open-Ended

SPECIFICATION

Product Flow Rate	Nominal	2.5 m ³ /D
	Minimum	2.0 m ³ /D
Salt Rejection* ¹	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* ²	1 – 4 m ³ /D
Feed Water Qualities	Maximum Fouling Index (SDI ₁₅)	500 mg/L
	pH Range* ³	3 – 8
	Maximum Residual Chlorine* ⁴	1.0 mg/L

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

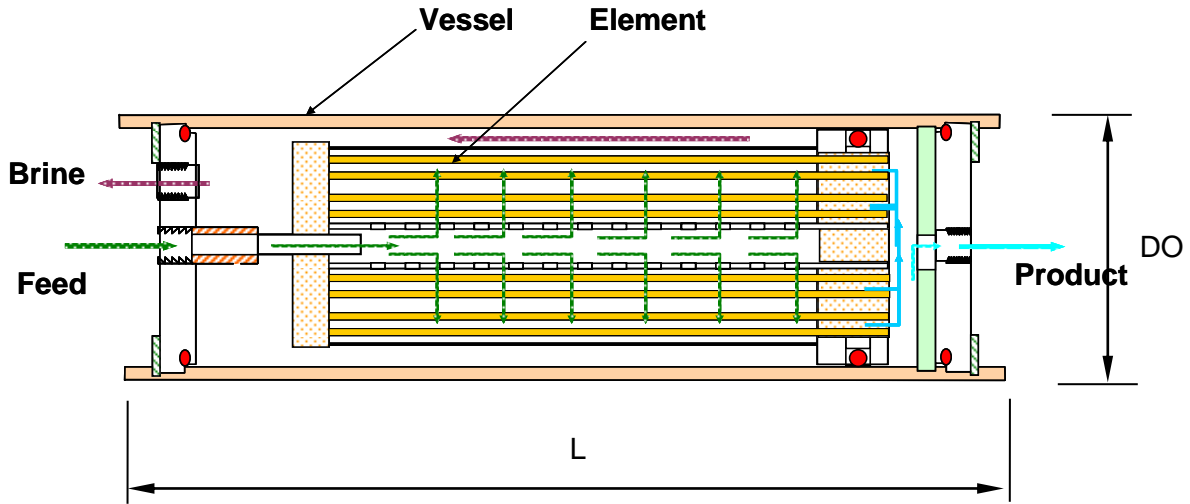
*2 The brine flow rate range is limited by the quality and the temperature of the feed water

*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	140 mm
	Length ,L	420 mm
Weight (Filled with water)		approx. 11 kg
Connection	Feed	PT 1/2 inch
	Brine	PT 3/8 inch
	Product	PT 1/2 inch

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