



# High Productivity, Low Energy BWRO element ORFINE® OFR-410HJ8

## 【Features】

OFR-410HJ8 spiral wound type element delivers high quality performance while minimizing CAPEX. Lower energy requirements allow new reverse osmosis systems to be designed to use wide membrane area and still deliver the same permeate quality compared with other RO membrane.

## 【Product specification】

Membrane type	: Polyamide Thin-Film Composite
Average permeate flow rate	: 41.6 m <sup>3</sup> /d <small>permeate flow may vary ±15%</small>
Membrane effective area 400ft <sup>2</sup>	: 37.2 m <sup>2</sup>
Average salt rejection	: 99.7 %
Minimum salt rejection	: 99.6 % <sup>※1</sup>

## 【Test condition】

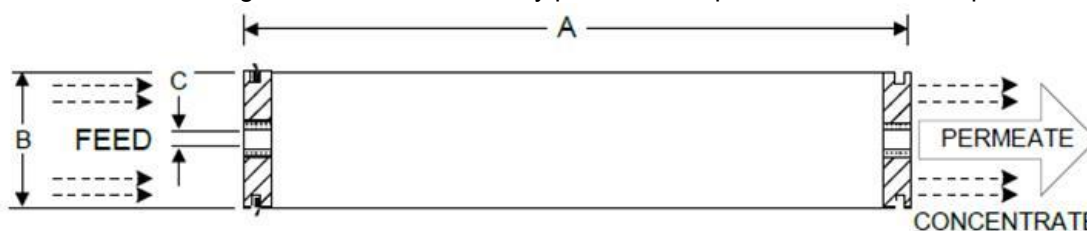
- 0.15% NaCl, 1.55 MPa, 25°C, pH 6.5~7.0, recovery 15%

※ 1. Guaranteed Value

## 【Operating Condition】

Maximum operating temperature	: 45°C
Maximum operating pressure	: 4.16 Mpa
Maximum pressure drop	: 103kPa (per element)
pH Range, Continuous Operation	: 2~11
pH Range, Short term Cleaning	: 1~13
Maximum feed flow rate	: 19.3 m <sup>3</sup> /h
Minimum brine flow rate	: 2.7 m <sup>3</sup> /h
Maximum Feedwater Turbidity	: 1.0NTU
Maximum Feedwater SDI	: 5
Free Chlorine Tolerance	: =<0.1mgCl/L

- Under certain conditions, the presence of free chlorine and other oxidizing agents will cause premature membrane failure. Since oxidation damage is not covered under warranty, We recommends removing residual free chlorine by pretreatment prior to membrane exposure.



A	B	C	Weight
1,016mm	200mm	28.5mm	16.4kg

## 【Notice】

- The information and data are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control.
- Please ask to our sales about this RO element.
- The written contents of this catalog may be changed without a preliminary announcement.

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