

## MODEL SU-720P

Membrane Type	Cross Linked Fully Aromatic Polyamide Composite
Element Configuration	Spiral Wound

### Performance Specification

<b>Product Flow Rate</b> <sup>1</sup>	<b>32m<sup>3</sup>/day (8500 gpd)<sup>2</sup></b>
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#### Notes :

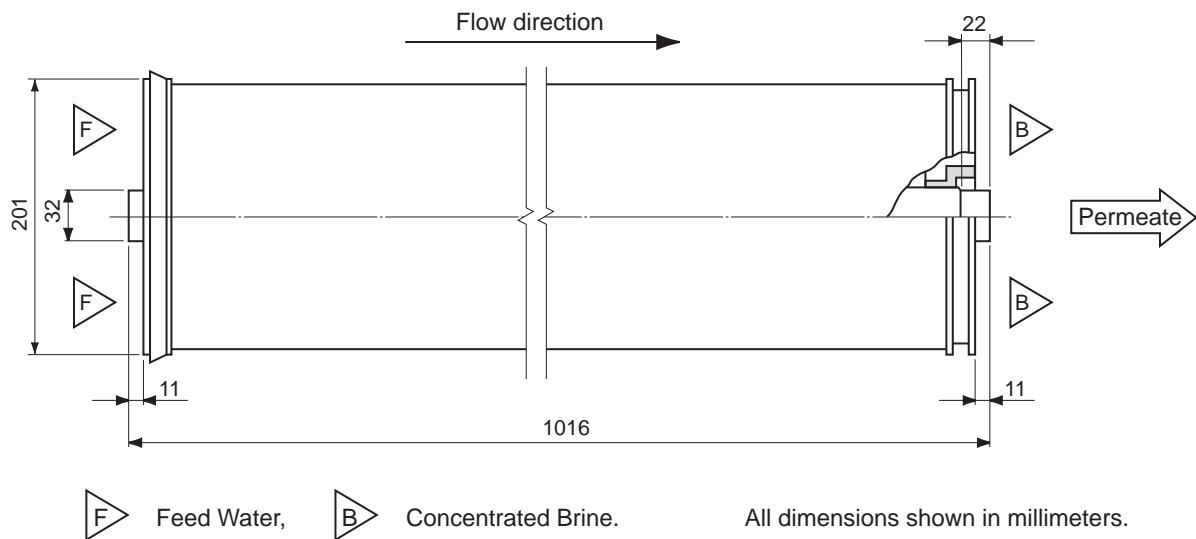
1. Test Conditions

Feed Water Pressure	1.5 MPa (220 psi)
Feed Water Temperature	25 °C (77 °F)
Feed Water Concentration	Pure water
Brine Flow Rate	80 ℓ/min. (21.1 gpm)
Feed Water pH	6.5

2. 28 m<sup>3</sup>/day (7400 gpd) minimum\*

\*For any single element

### Dimensions



## Design Conditions

	<u>Recommended</u> <sup>1</sup>
Feed Water Pressure <sup>2</sup>	< <b>2.0 MPa</b> (290 psi)
Feed Water Temperature <sup>3</sup>	< <b>35 °C</b> (95 °F)
Feed Water pH Range, Chemical Cleaning <sup>4,5</sup>	<b>2 - 11</b>
Feed Flow Rate per Vessel	< <b>200 l/min.</b> (52 gpm)
Brine Flow Rate per Vessel	> <b>40 l/min.</b> (11 gpm)
Pressure Drop ( per Element )	< <b>0.10 MPa</b> (14 psi)
Pressure Drop ( per Vessel )	< <b>0.20 MPa</b> (29 psi)

### Notes:

1. The recommended design range is operational and design conditions under not so much fouling and scaling. If the SU-series element are operated outside of the recommended design range, the effective membrane life may be reduced. Refer to the Toray technical bulletin, or contact Toray or local distributor for design guidelines and further information.
2. Maximum Feed Water Pressure 4.1 MPa ( 600 psi )
3. Maximum Feed Water Temperature 45 °C ( 113 °F )
4. Feed and brine water must meet these range.
5. Cleaning and sterilization must meet the recommendations in the technical bulletins for SU-series elements.

We accept no responsibility for results obtained by the application of this information or the safety or suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes.