

New Products

TORAY
Innovation by Chemistry

TM720D-400/440

High Rejection & High Flow Rate
Low Energy Consumption
High Chemical Tolerance



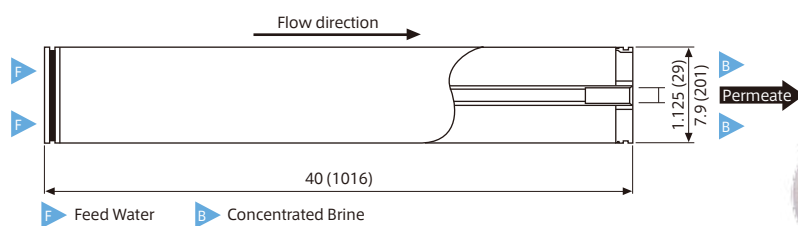
TM720D-400/440

Element Model	Salt rejection (%)	Product flow rate gpd (m ³ /d)	Membrane area ft ² (m ²)	Feed spacer thickness (mil)
TM720D-400	99.8	11,000 (41.6)	400 (37)	34
TM720D-440	99.8	12,100 (45.8)	440 (41)	28

1. Membrane Type		Cross Linked Fully Aromatic Polyamide Composite
2. Test Conditions	Feed Water Pressure Feed Water Temperature Feed Water Concentration Recovery Rate Feed Water pH	225 psi (1.55MPa) 77°F (25°C) 2,000 mg/l NaCl 15% 7
3. Minimum Salt Rejection		99.65%
4. Minimum Product Flow Rate	TM720D-400 TM720D-440	8,900 gpd (33.6m ³ /d) 9,800 gpd (37.0m ³ /d)

Operating Limits

Maximum Operating Pressure	600 psi (4.1 MPa)
Maximum Feed Water Temperature	113°F (45°C)
Maximum Feed Water SDI ₁₅	5
Feed Water Chlorine Concentration	<0.1 ppm
Feed Water pH Range, Continuous Operation	2-11
Feed Water pH Range, Chemical Cleaning	1-13
Maximum Pressure Drop per Element	20 psi (0.14 MPa)
Maximum Pressure Drop per Vessel	60 psi (0.4 MPa)



Notice:

- Toray accepts no responsibility for results obtained by the application of this information or the safety or suitability of Toray's 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 product combination for their own purposes.
- All data may change without prior notice, due to technical modifications or production changes.

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