

Membranes

REVERSE OSMOSIS ELEMENT

ULP-2540

- Low pressure, high flux, stable salt rejection.
- Industry-standard flux and rejection.
- Standard dimensions for easy retrofit.

PERFORMANCE

Permeate Flow	750 GPD (2.84 m ³ /d)
Stabilised Salt Rejection	99.00%

MEMBRANE ELEMENT

Configuration	Polyamide thin-film composite membrane
Manufacturing Certificate	NSF/ANSI 58, ROHS

APPLICATION DATA

Applications	Surface water, underground water, tap water & municipal water
Operating Temperature	10°C ~ 45°C
Maximum Applied Pressure	600 psig (4.14MPa)
Free Chlorine Tolerance	< 0.1 PPM
Maximum Feed water TDS	10,000 PPM
Maximum Feed water Turbidity	1.0 NTU
Maximum Feed silt density index SDI	SD15
Maximum Feed Flow	6 GPM (1.40 m ³ /h)
Maximum Pressure Drop for each element	15 psi (0.1Mpa)
pH range, continuous operation	2~11
pH range, short term cleaning	1~13

** The limitations shown here are for general use. For specific projects, operating at more conservative values may ensure the best performance and longest life of the membrane. Please feel free to contact us for more detail on operation limits, cleaning pH, and cleaning temperatures. For the sake of improvement, specifications may be updated without prior warning.*

TEST CONDITIONS

The stated performance is initial (data taken after 30 minutes of operation), based on the following conditions:

1500 PPM NaCl Solution	25°C Operating Temperature
150 psig (1.03 MPa) Applied Pressure	15% Permeate Recovery



DIMENSIONS

A inches (mm)	B inches (mm)	C inches (mm)	D inches (mm)
40.0 (1016)	1.29 (33)	0.75 (19)	2.38 (60.5)

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