

Membranes

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

REVERSE OSMOSIS ELEMENT

ULP-4040

PERFORMANCE

Permeate Flow	2,400 gpd (9.12m3/d)
Salt Rejection	99.00%

MEMBRANE ELEMENT

Configuration	Polyamide thin-film composite membrane
Membrane Polymer	Composite Polyamide
Membrane Active Area	83.96 ft2 (7.80m2)
Membrane Sheet	Manufactured in Japan
Other Components	Fuller glue, Guilford Mills net
Manufacturing Certificate	CE, ROHS, ISO9001:2015

APPLICATION DATA

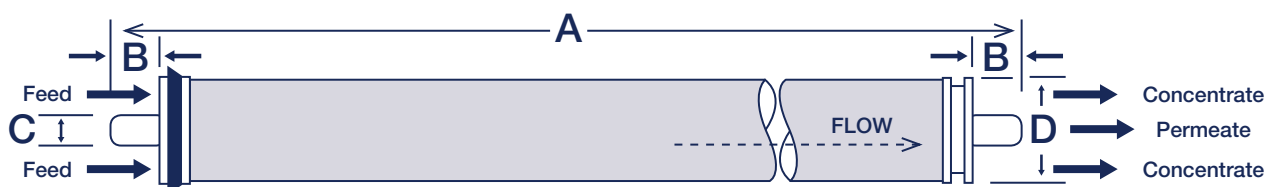
Applications	Surface water, ground water, tap water and municipal water
Operating Temperature	10°C ~ 45°C
Maximum Applied Pressure	600 psig (4.14MPa)
Maximum Chlorine Concentration	< 0.1 PPM
Maximum Feed water TDS	10,000 PPM
Maximum Feed water Turbidity	1.0 NTU
Maximum Feed water SDI	5.0
Maximum Feed Flow	16 GPM (3.6 m3/h)
Maximum Pressure Drop for each Element	15psi (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:

2000 PPM NaCl solution	77°F (25°C) Operating Temperature
150psi (1.03 MPa) Applied Pressure	15% Permeate Recovery



DIMENSIONS

A inches (mm)	B inches (mm)	C inches (mm)	D inches (mm)
40.0 (1016)	1.05(26.7)	0.75 (19.1)	3.94 (100.1)

Enquiries: will@watercomponents.au