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WCA
Water Components Australia

Membranes

· Industry-standard flux and rejection.
· Standard dimensions for easy retrofit.

REVERSE OSMOSIS ELEMENT

SW-4040

PERFORMANCE		
	Permeate Flow	1900 gpd (7.2 m^3/d)
	Salt Rejection	99.7% (99.0% minimum)

MEMBRANE ELEMENT		
	Configuration	Spiral Wound
	Membrane Polymer	Composite Polyamide
	Membrane Active Area	85 ft2 (7.9m^2)
	Feed Spacer	31 mil (0.787mm)

APPLICATION DATA		
	Maximum Applied Pressure	800 psi (6.9MPa)
	Maximum Chlorine Concentration	< 0.1 PPM
	Maximum Operating Temperature	113°F (45°C)
	pH Range, Continuous (Cleaning)	2-12
	pH Range, Continuous (Running)	3-10
	Maximum Feed water SDI (15 mins)	5.0
	Maximum Feed Flow	16 GPM (3.6m^3/h)
	Boron-removingrate (%)	92
	Maximum Pressure Drop for Each Element	50 psi

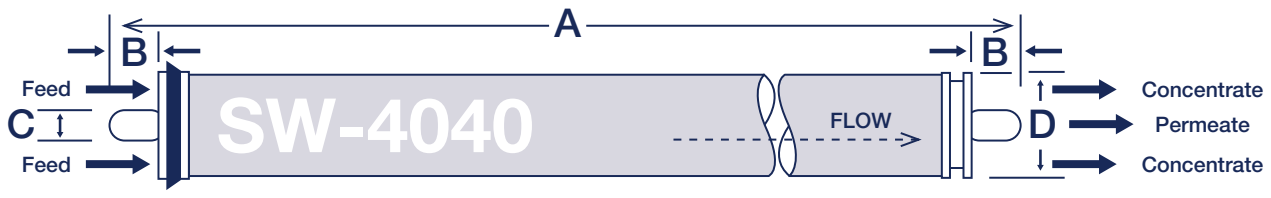
** The limitations shown here are for general use. For specific projects, operating at more conservative values may ensure the best performance and longest life of the membrane. Please feel free to contact us for moredetail on operation limits, cleaning pH, and cleaning temperatures.*

TEST CONDITIONS

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

32000 PPM NaCl solution
800 psi (1.03 MPa) Applied Pressure
77°F (25°C) Operating Temperature
8% Permeate Recovery
6.5 - 7.0pH Range

Notice: Permeate flow for individual elements may vary ±15 percent. Membrane active area may vary +/-5%-10%. Element weight mayvary. All membrane elements are supplied with a brine seal, interconnector, and o-rings.



DIMENSIONS			
A inches (mm)	B inches (mm)	C inches (mm)	D inches (mm)
40 (1016)	1.05 (26.7)	0.75 (19.1)	3.93 (99.9)

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