

SPECIFICATIONS

General Features

Permeate Flow Rate GPD (L/Day)	450 GPD (1,703L/day)
Molecular Weight Cut Off(MWCO)	100K
Membrane Type	Thin-Film Composite
Membrane Material	Polysulfone (PSF)
Element Configuration	Spiral-Wound, Tape Wrapping

The stated product performance is based on data taken after 30 minutes of operation at the following test Conditions: Pure water (2 MΩ) at 20 psig applied pressure; 100% recovery; 77°F (25°C); Permeate flow rate for each element may vary +15 / -15%; Elements are only supplied as Wet-type. Wet-tested elements are soaked in a preservative solution (1.0% food grade SBS) and vacuum sealed in a poly bag. All elements are individually boxed.

Dimensions

Model Name	A	B	C	D	E
UE2010	0.67 inch (17 mm)	0.55 inch (14 mm)	11.73 inch (298 mm)	0.98 inch (25mm)	1.89 inch (48 mm)



APPLICATION DATA

Operating Limits

Max. Operating Pressure	125 psi (0.86 MPa)
Max. Feed Flow Rate	2 gpm (0.45 m³/hr)
Max. Operating Temperature	113°F (45°C)
Operating pH Range	3.0 – 10.0
Max. Turbidity	1.0 NTU
Max. SDI (15 min)	5.0

GENERAL HANDLING PROCEDURES

- Elements contained in the boxes must be kept dry at room temperature (7–32°C; 40–95°F) and should not be stored in direct sunlight.
- For WET-TYPE, the preservative solution (1% sodium metabisulfite solution) is added to prohibit the growth of micro-organisms.
- Permeate from the first hour of operation should be discarded.
- Keep elements moist at all times after initial wetting.
- Avoid excessive pressure and flow spikes.
- Only use chemicals compatible with the membrane elements and components. Use of such chemicals may void the element limited warranty.
- Permeate pressure must always be equal or less than the feed/concentrate pressure. Damage caused by permeate back pressure voids the element limited warranty.



Toray Advanced Materials Korea Inc.

For more information on our products, company and regional contacts, please visit our website at www.csmfilter.com.
Product Specification Sheet / Model UE1810

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