# UE2010 UF element for residential use

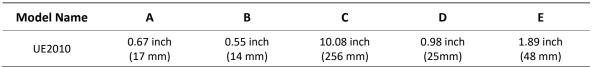


### **SPECIFICATIONS** •

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  $M\Omega$ ) 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. Wettested 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**





### **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 <u>www.csmfilter.com</u>. Product Specification Sheet / Model UE1810