

## HID™ Residential Membranes

HID™ Residential Membrane ranks the best brands in China among RO membrane industry. It has won the trust of thousands of families for feeding the reliable purified water over 10 years. Each membrane is made of HID developed & pre-examined sheet and goes through stringent making processes as well as in-house quality inspection & testing before delivery.

HID Membrane has been certified by SGS & China Jiangsu Sanitation Bureau wrt drinking water membrane elements.

### Main Features:

- HID high rejection quality sheet;
- long service life for reducing the cost;
- high stabilized rejection with realized nominal flux;
- sanitary qualified elements;
- stringent in-house inspection & testing control.

### Performance Specifications:

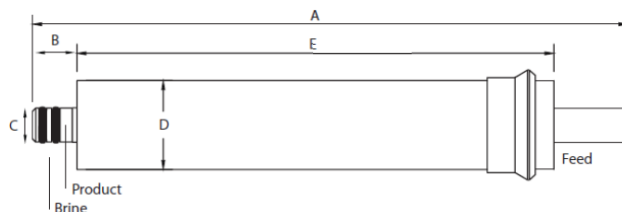
Model No.	Min. Salt Rejection (%)	Stabilized Salt Rejection (%)	Permeate Flow Rate (gpd)	Test Temp.	Test Pressure	Test water TDS
TFC-1812-50	95	97	50	25℃	65psi	500PPM
TFC-1812-75	95	97	75	25℃	65psi	500PPM
TFC-2012-100	95	97	100	25℃	65psi	500PPM
TFC-2012-125	95	97	125	25℃	65psi	500PPM
TFC-2012-150	95	97	150	25℃	65psi	500PPM
TFC-2012-200	95	97	180	25℃	65psi	500PPM

1. Permeate flow rate and salt rejection is based on testing conditions: 25℃, pH 7.5, 20% recovery.
2. Stabilized salt rejection is generally achieved within 24-48 hours of continuous use, depending upon feedwater characteristics and operating conditions.

### Operating Limits:

Model No.	Maximum Operating Temperature	Maximum Operating Pressure	Feed Water PH Range, continuous operation	Maximum Feed Water Turbidity	Maximum Feed Water SDI	Chlorine tolerance
TFC-1812-50	45℃	200psig	4-11	1NTU	5	<0.1ppm
TFC-1812-75	45℃	200psig	4-11	1NTU	5	<0.1ppm
TFC-2012-100	45℃	200psig	4-11	1NTU	5	<0.1ppm
TFC-2012-125	45℃	200psig	4-11	1NTU	5	<0.1ppm
TFC-2012-150	45℃	200psig	4-11	1NTU	5	<0.1ppm
TFC-2012-200	45℃	200psig	4-11	1NTU	5	<0.1ppm

## Membrane Dimensions:



Model No.	A (inch/mm)	B (inch/mm)	C (inch/mm)	D (inch/mm)	E (inch/mm)
TFC-1812-50	11.7/298	0.78/20	0.66/16.8	1.73/44	10.2/258
TFC-1812-75	11.7/298	0.78/20	0.66/16.8	1.77/45	10.2/258
TFC-2012-100	11.7/298	0.78/20	0.66/16.8	1.85/47	10.4/265
TFC-2012-125	11.7/298	0.78/20	0.66/16.8	1.85/47	10.4/265
TFC-2012-150	11.7/298	0.78/20	0.66/16.8	1.9/48.5	10.4/265
TFC-2012-200	11.7/298	0.78/20	0.66/16.8	1.9/48	10.4/265

