



EXTRAORDINARY PURIFICATION

TW30-1812-50HR

- Made in the USA by Dow, the worldwide leader in integrated membrane technology and element manufacturing, using processes including the stringent Six-Sigma system
- Designed for professional purification needs, with a remarkable enhancement of 50% on salt rejection performance
- To let you start the extraordinary purification journey quickly, the time needed to reach the desired permeate quality is significantly shortened to within 30 minutes



FILMTEC™
— Since 1977 —



TW30-1812-50HR

Feature and Benefit

The Core of Extraordinary Purification

GEN3 high-rejection membrane technology



Feature: More than 50% improvement on the stabilized rejection performance, realizing desired permeate quality within 30 minutes

Benefit: Start your extraordinary purification journey quickly

No post-treatment

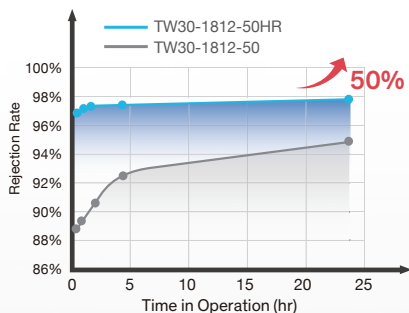


Feature: Membrane is not post treated with methods like chlorination, which may harm long term performance in certain circumstances

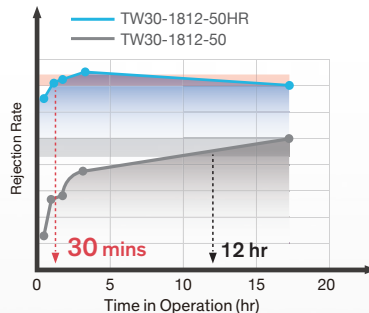
Benefit: More robust performance under complicated or harsh working conditions

Illustration of Improvement

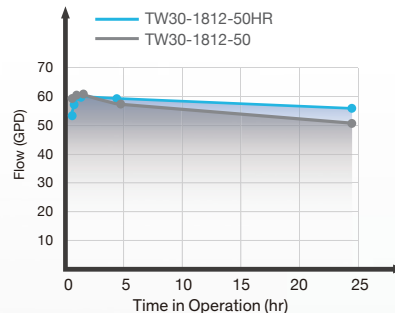
50% enhancement on stabilized salt-rejection performance



Desired permeate quality within first 30 minutes

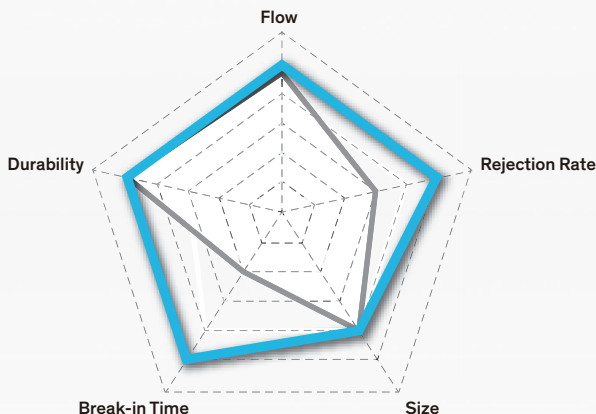


Consistent stabilized flow



Product Comparison

— TW30-1812-50HR
— TW30-1812-50



Product Parameters

Length (inch)	Diameter (inch)	Applied Pressure	Permeate Flow Rate	Stabilized Salt Rejection
11.74	1.75	50 psi	50GPD	99%

Test conditions: 500ppm NaHCO₃, 77°F (25°C), PH 8.0, 15% recovery and specified applied pressure



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