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
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

Flow (GPD)

Time in Operation (hr)

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Product Parameters

<table>
<thead>
<tr>
<th>Length (inch)</th>
<th>Diameter (inch)</th>
<th>Applied Pressure</th>
<th>Permeate Flow Rate</th>
<th>Stabilized Salt Rejection</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.74</td>
<td>1.75</td>
<td>50 psi</td>
<td>50GPD</td>
<td>99%</td>
</tr>
</tbody>
</table>

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

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