MEMBRANE CLEANING

Longevity – Performance – Essential

To ensure the performance of your reverse osmosis system, the membrane filtration specialists at H2O Innovation recommend regular membrane washes. Daily rinses should also be performed during high production periods.

If the membrane loses 20% or more of its pressure some of the fouling will be irreversible. Thus the importance of regular washes.

We recommend that you have your membranes washed by professionals once a year to increase their longevity. Contact your H2O Innovation representative for more information on professional membrane washes.

Standard cleaning method

1. Fill the wash tank with permeate
2. Add 350ml of Ultra Bio-Membrane™ or 700ml of Bio-Membrane™ for each 100 litres of permeate in the wash tank. You can also adjust the solution to a pH of 12.
3. Launch the wash cycle. The flow must be high in order to create erosion on the surface of the membrane.
4. Re-circulate the cleaning solution until the temperature reaches a maximum of 45°C / 113°F.
5. Rinse the system for 15 minutes or until the conductivity is below 10 micro siemens.
6. Measure the performance of the membrane. If the membrane's performance is unsatisfactory, redo a wash cycle using Ultra Bio-membrane™ or Bio-Membrane™.

The complete and detailed cleaning procedure can be found on our web site: maple.h2oinnovation.com

Professional Membrane Wash

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Description</th>
<th>Price</th>
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<tr>
<td>X-TEST-MEMB</td>
<td>Capacity test</td>
<td>$50.00</td>
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<tr>
<td>X-LAVAMEMB4</td>
<td>4&quot; membrane wash</td>
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<td>X-LAVAMEMB</td>
<td>8&quot; membrane wash</td>
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H2O-70400