Effective patient care (up to two stations)
- Unique compact design
- Entire device conforms to IEC UL std 60601-1
- Plug-n-play controller
- Recirculation feature reuses excess product water, reducing water usage up to 45%
- Complete package (all pretreatment is located inside the cabinet)
- Quiet operation
AmeriWater’s newly enhanced portable RO system is designed for ease of use, quiet operation, and superior reliability. Unlike other portable RO systems, AmeriWater’s unique compact design is a complete package. All pretreatment, which includes dual carbons (tank plus filter) and anti-scalant for hardness reduction, is located inside the cabinet. It has everything you need to transform your tap water into dialysis quality water (no softener or salt is needed).

**NEW ENHANCED FEATURES**

- Entire device conforms to IEC UL standard 60601-1.
- Recirculation feature reuses excess product water instead of diverting it to the drain.
  - RO is fed with cleaner water, improving the quality and performance of the unit.
  - Up to 45% reduced water usage and lower costs
  - Reduced tap water flow extends life of chlorine/chloramine filters
- Plug-n-play controller provides easier access to program changes and disinfect mode. Controller keeps you informed of operating conditions by displaying:
  - Product and feed water conductivity
  - Alarms, visual and audible, prevent product water flow to the patient
  - Product water temperature
  - Operating hours
  - Percent rejection
  - A variety of operating status messages
- Nephros dual stage microbiological filter acts as a firewall by blocking microbiological contaminants down to 0.005 microns to meet the new AAMI Standards.
- Large 26” membrane, in a stainless steel housing, has the capacity of producing enough water to feed two dialysis machines, even on cold water.
- Right-angled elbows on the front panel fittings reduce stress on the supply, waste, and product hoses.
- The top of the cabinet has a larger rim, allowing a place to keep supplies.
- FDA 510K / ISO 13485 Registered Medical Device
- Health Canada Medical Device License 69772

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Performance</th>
<th>Projected Rejection</th>
<th>&gt; 96%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production GPD / LPD*</td>
<td>1,200 GPD / 4,550 LPD</td>
<td></td>
</tr>
<tr>
<td>Product Flow ml/min*</td>
<td>3,100</td>
<td></td>
</tr>
<tr>
<td>Product Recovery Rate</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Electrical</td>
<td>115V / 20 Amps, Dedicated Circuit</td>
<td></td>
</tr>
<tr>
<td>Membranes</td>
<td>Quantity / Size / Type</td>
<td>1 / 4” x 26” / TFC</td>
</tr>
<tr>
<td>Feed Water Requirements</td>
<td>Max Free Chlorine</td>
<td>&lt; 0.1</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>41° F – 90° F, Ideal 77° F</td>
<td></td>
</tr>
<tr>
<td>Operating pH Range</td>
<td>6 - 9</td>
<td></td>
</tr>
<tr>
<td>Feed Water Pressure PSIG**</td>
<td>20 – 50</td>
<td></td>
</tr>
<tr>
<td>Maximum Fouling Index SDI</td>
<td>&lt; 3</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>Height x Depth x Width</td>
<td>48” x 24” x 18.5”</td>
</tr>
<tr>
<td>Weight (Operating / Shipping)</td>
<td>205 lbs. / 265 lbs.</td>
<td></td>
</tr>
</tbody>
</table>

* Production rates vary with temperature. All models are rated at 77° F with feed water of 1500 mg/l of NaCl @ 50 PSI feed and pH of 7.5. For sizing, this is 85% of rated flow.
** Booster pump available for low pressure areas.

**CONTACTS**

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