EON
Purity for Life.

The EON™ Portable Reverse Osmosis (RO) Water Purification System ensures you produce safe, high-quality medical water for hemodialysis.

With proven, reliable technology and simple-to-use controls, the EON System is ideal for in home and acute hospital settings. Confidently and easily control the machine through the smart, touch screen panel that also presents the data you need to monitor and track the system. Also revolutionary Heat Forward™ technology helps eliminate routine chemical disinfection processes by producing a controlled and continuous flow of hot water.

The EON System is designed to meet AAMI-grade water standards according to ANSI/AAMI 13959.

Unique Features
- Heat Forward Technology
  - Continuous flow of hot water
  - No time constraints
- Custom designed User Interface
  - Easy to use controls
  - Instant access to key parameters
- Redesigned flow path
  - Improves performance in hard water environments
  - Operates on low inlet PSI to prevent shutdown
- Simplified heat disinfection processes
  - Eliminate chemical processes
  - Single Heat, Storage Heat & Heat Forward
- Semi-automated chemical cleaning
- Minimize patient and staff risk
  - Reduce chemical exposure
  - Product divert
- Fully integrated endotoxin removal filter
  - ENX™ Ultrafilter protects against bacteria and pyrogens
- Multiple Leak Detector options
  - Internal or remote sensor with user alert or shutdown
Operational Features

- Color touch screen LCD control panel
  - Clear display of operational functions
- Quiet operation
- Modern modular design
  - Simplify service procedures
  - Ergonomically built-in handles
  - Easily move and position
- Connectivity Options
  - USB port for data logging
- Small size and weight

Technical Data

PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>EON Portable RO Water Purification System</th>
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<tbody>
<tr>
<td>Maximum Product Flow Rate</td>
<td>Up to 0.4 gpm (1.5 lpm) at 77°F (25°C)</td>
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<tr>
<td>Nominal Recovery Rate</td>
<td>50% with user setting based on feed water quality</td>
</tr>
<tr>
<td>Dry Weight</td>
<td>70 lbs (31.7 kg)</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>115 V, 60/50Hz, 15 amps</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Width - 8.5” (21.6 cm) Depth - 22.5” (57 cm) Height - 24” (61 cm)</td>
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OPERATIONAL PARAMETERS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Operating: 2.0-11.0</th>
<th>Cleaning: 1.0-12.0</th>
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</thead>
<tbody>
<tr>
<td>pH</td>
<td></td>
<td></td>
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<tr>
<td>Inlet Temperature</td>
<td>40-104°F (4-40°C)</td>
<td></td>
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<tr>
<td>Inlet Pressure (Dynamic)</td>
<td>Minimum: 5 psi (0.34 bars)</td>
<td>Maximum: 120 psi (8.3 bars)</td>
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<tr>
<td>Inlet Water Flow</td>
<td>Minimum: 1.5 gpm (5.7 lpm)</td>
<td></td>
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<tr>
<td>Total Hardness</td>
<td>&lt; 10 grains (pH dependent)</td>
<td></td>
</tr>
<tr>
<td>Silt Density Index (SDI)</td>
<td>&lt; 5</td>
<td></td>
</tr>
<tr>
<td>Total Chlorine</td>
<td>&lt; 0.1 ppm</td>
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Note: Detailed analysis of the feed water will dictate the components, if any, needed in pre-treatment of the EON Portable RO Water Purification System. This will help assure a constant supply of water, meeting AAMI Dialysis Water Quality Standards.

EON™, HEAT FORWARD™, ROVER™ and ENX™ are trademarks of Mar Cor Purification Inc. Patent Pending.

Visit mcpur.com for more information or call 1-800-633-3080