

EON[®]

Reverse Osmosis Water Purification System

510(k) Medical Device

GENERAL INFORMATION

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 Water System is ideal for in-home and acute hospital settings. Confidently and easily manage water production through the smart, touch screen panel that presents the data you need to generate and monitor the system. Equipped with internal hot water disinfection capabilities, it also features a revolutionary Heat Forward technology that helps eliminate routine chemical disinfection processes by producing a controlled and continuous flow of hot water to a hemodialysis treatment device. The EON Water System is designed to meet AAMI-grade water standards according to ANSI/AAMI 13959.

UNIQUE FEATURES

- Valuable Heat Forward Technology
 - Continuous flow of hot water for PM work
 - No time constraints
- Intuitive User Interface
 - Color touch screen LCD control panel
 - Clear display of operational functions
 - Instant access to key parameters
- Advanced flow path
 - Improves performance in hard water conditions
 - Operates on low inlet PSI to prevent shutdown
- Simplified heat disinfection processes
 - Eliminate chemical processes
- Semi-automated chemical cleaning
- Integrated endotoxin removal
 - ENX[®] Ultrafilter protects against bacteria and pyrogens
- Multiple Leak Detector options
 - Internal or remote sensor with user alert or shutdown



BENEFITS

- Quiet operation
 - 45 dBA
- Modern modular design
 - Simplify service procedures
 - Ergonomically built-in handles
 - Easily move and position
- Connectivity Options
 - USB port for data logging
- Compatible with ROVER[®] Transport System
- Recirculation product line
- Certified to following certifications
 - UL 61010-1, IEC 61010-1, CAN/CSA C22.2 No: 61010-1, IEC 61326-1



PROVIDER PRODUCTIVITY

STREAMLINE ROUTINE PROCEDURES
Easy to navigate operator interface



RESOURCE CONSERVATION

INNOVATIVE WATER SAVER
Increase recovery & reduce consumption



PATIENT SAFETY

ELIMINATE CHEMICAL DISINFECTION
Remove potential of chemical exposure



COST OF OWNERSHIP

AUTOMATED HEAT DISINFECTION
Cut routine chemical and handling costs

PRODUCT SPECIFICATIONS

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

OPERATIONAL PARAMETERS

pH	Operating: 2.0-11.0	Cleaning: 1.0-12.0
Inlet Temperature	40-104°F (4-40°C)	
Inlet Pressure (Dynamic)	Minimum: 5 psi (0.34 bars)	Maximum: 120 psi (8.3 bars)
Inlet Water Flow	Minimum: 1.5 gpm (5.7 lpm)	
Total Hardness	< 10 grains (pH dependent)	
Silt Density Index (SDI)	< 5	
Total Chlorine	< 0.1 ppm	

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.



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

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