



Better Water LLC

Matrix Reverse Osmosis Device

Models and Specifications					
Models	EQRMD-245K	EQRMD-247K	EQRMD-249K	EQRMD-2410K	EQRMD-2412K
Capacity GPM/GPD	3.75 gpm / 5400 gpd at 77°F	5.0 gpm / 7200 gpd at 77°F	6.25 gpm / 9000 gpd at 77°F	7.5 gpm / 10,800 gpd at 77°F	8.75 gpm / 12,600 gpd at 77°F
Number of Membranes	3	4	5	6	7
Size of Membranes	4" x 40" Full Fit				
Control Voltage	24 vac				
Electrical Requirement	220 vac / 60 hz / single phase; 208-230 vac / 60 hz / three phase (Other power options available)				
Dimensions	42" depth x 39" width x 77" height				
Incoming Water Req.	7.5 gpm @ 30 psi, properly pretreated water	10 gpm @ 30 psi, properly pretreated water	12.5 gpm @ 30 psi, properly pretreated water	15 gpm @ 30 psi, properly pretreated water	17.5 gpm @ 30 psi, properly pretreated water
Feed Water Requirement	Temp: 50°F - 90°F, Total Chlorine < 0.1 ppm, SDI < 3, TOC < 2 ppm, Operating pH Range: 6-10, Bacteria Count < 50 cfu				
Standard Alarms	Poor Water Quality, Low Feed Pressure, High Pump Pressure, High Membrane Pressure, and High Product Pressure.				
Digital Displays	Water Temperature, Pressures, Flow-Rates, Water Quality (%Rejection, Feed TDS, Product TDS, Alarm Set-Point)				

Better Water LLC carries over 2000 parts, accessories and consumables in stock, and ready to ship including:

- Carbon Filters (provides 10 Minute Empty Bed Contact Time)
- Duplex & Simplex Softener
- Storage Tanks
- Brass Pressure Regulator
- Blend Valve
- City Boost Pump
- Thermometer
- Floor Valve Boxes
- Remote Alarms
- & More!



Central Water Systems	Central Delivery Systems	Reverse Osmosis Units	Portable RO Units
Pre-Treatment Racks	Post-Treatment Racks	DI Exchange Accessories	Consumables
Hemodialysis	Medical	Pharmaceutical	Laboratories
		Commercial	Industrial

Better Water LLC; 698 Swan Dr; Smyrna, TN 37167; Phone (615) 355-6065, Fax (615) 355-6063, Website www.betterwater.com



Better Water LLC

Matrix Reverse Osmosis Device



IMAGINE the FUTURE

The Matrix utilizes a user-friendly, touch-screen interface for both operational control and information displays. It is feature rich and easy to operate, digitally storing operational and trending data which can be accessed for offsite review.

- **5400 to 12,600 Gallons Per Day**
- The Matrix series is economical, simple to operate, and quiet
- The 2436 RO carries a 510k certificate from the FDA and is designed to meet or exceed ANSI/AAMI 26722 (formerly RD:62) on RO quality water for dialysis
- Each unit is individually tested prior to shipping
- Includes enclosed UL 508A industrial panels

Standard Features



- Product water divert-to-drain
- Disinfect tank
- Rugged stainless-steel frame construction
- Baked on powder coat finish
- Digitally displays % Reject, Feed TDS, Product TDS, and Alarm Set-Point
- Standard alarms
- Mobile with locking wheels
- Water-tight control box
- Tank or Direct Feed
- Variable Frequency Drive
- Air-Cooled Pump for quiet operation
- 3 to 7 Membranes
- Capacity from 3.75 gpm up to 8.75 gpm
- 5 micron Pre-Filter
- .03 micron Final-Filter
- Easy to operate
- All RO units carry FDA 510(k). #K920186C

rev. Jan 2015



Better Water LLC; 698 Swan Dr; Smyrna, TN 37167; Phone (615) 355-6063, Fax (615) 355-6065
Website www.betterwater.com



*Equipment changes are at the sole discretion of Better Water LLC.
Brochure photographs and specifications may not reflect recent changes.*