

AmeriWater

DIALYSIS MRO1 PORTABLE REVERSE OSMOSIS

DIALYSIS
PROCESS
WATER



⊕ FEATURES

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

* 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

AMERIWATER
 1303 Stanley Ave
 Dayton, OH 45404
 Toll Free: 800-535-5585
 Tel: 937-461-8833
 Fax: 937-461-1988
 info@ameriwater.com
 www.ameriwater.com

Your local dealer: