REVERSE OSMOSIS SYSTEMS FOR CENTRAL DIALYSIS - MODELS MRO3 AND MRO4

DESCRIPTION:
This compact size cabinet RO is perfect for central dialysis water treatment systems up to 14 stations. AmeriWater's unique textured cabinet design provides superior durability. With the pump and membranes located inside, the system is so quiet you won't even know it's running! When it's time for maintenance, the hinged doors on the front and rear of the cabinet allow quick and easy access.

FEATURES:

- Three or four large 4" x 26" membranes have the capacity of producing enough water to feed up to 14 dialysis machines, even on cold water.
- Disinfection is quick and easy. With a simple push of the keypad, the MRO3 and MRO4 can be disinfected with PAA in only one hour.
- Microprocessor controller keeps you informed of operating conditions with backlit LCD displaying product and feed water conductivity, product water temperature, operating hours, percent rejection, and a variety of operating status messages. Programmable flush keeps RO fresh between uses.
- Product divert feature diverts water to the drain when the conductivity exceeds the set point for added patient safety.
- Tank override feature allows the RO to be turned on even if the storage tank is full so the required 15 minute RO run time before sampling can be done.

STANDARDS:

- Entire device conforms to IEC UL standard 61010-1
- FDA 510K / ISO 13485 Registered Medical Device
- Health Canada Medical Device License 69772

SPECIFICATIONS			
Models		MRO3	MRO4
# Membranes		3	4
Performance	Projected Rejection	>96%	>96%
	Production GPD*/LPD*	4,200 / 15,897	5,600 / 21,196
	Recovery Rate (adjustable)	50%-70%	50%-70%
Electrical (requires 2 supplies)	Pump (specify voltage)	1Φ: 230V, 15 amps 3Φ: 208V, 4.6 amps / 230V, 4.2 amps / 460V, 2.1 amps	
	Pump HP	1 HP	
	Controller	115V, 20 amps	
Membranes	Size	4 x 26 FRP	4 x 26 FRP
	Type	TFC	TFC
Feed Water Requirements	Max Free Chlorine	<0.1	<0.1
	Temp. Range (Ideal 77°F)	41°F-90°F	41°F-90°F
	Operating pH Range	6-9	6-9
	Pre-Filtration Required	1 Micron	1 Micron
	Pressure Feed PSIG	20-90	20-90
	Max. Fouling Index SDI	<3	<3
Connections In. (in/out/drain)		¾ / ½ / ½	¾ / ½ / ½
Dimensions In. (W x D x H)		18½ x 18½ x 52	18½ x 18½ x 52
Weight (Operating / Shipping)		217 / 277	237 / 297

* *Product 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. Distribution loop sizes may limit number of stations on direct feed systems only.*

Specifications are subject to change without notice.