



REVERSE OSMOSIS SYSTEM, UP TO FIVE STATIONS - MODEL MRO2

DESCRIPTION:

This compact cabinet RO is perfect for acute dialysis, nursing homes, and correctional facilities. AmeriWater's unique textured cabinet design provides superior durability. With the pump, membranes and pretreatment 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:

- Two large 4" x 26" membranes have the capacity of producing enough water to feed up to five dialysis machines, even on cold water.
- One micron sediment prefilter located inside removes particulate. Pre and post filter gauges are located on front of cabinet.
- Optional onboard anti-scalant pretreatment is located inside the cabinet with easy access for maintenance. No need for a softener or salt. Anti-scalant removes hardness minerals, sending them down the drain.
- Disinfection is quick and easy. With a simple push of the keypad, the MRO2 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 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		
Performance	Projected Rejection	> 96%
	Production GPD / LPD*	2,200 GPD / 8,328 LPD
	Product Flow ml/min*	5,783
	Product Recovery Rate	50%
Electrical		115V, 20 Amps, 1Φ, Dedicated Circuit
Membranes	Quantity / Size In. / Type	2 / 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 - 90
	Maximum Fouling Index SDI	< 3
Dimensions In. (W x D x H)		18½ x 24 x 52
Weight (Operating / Shipping)		234 lbs. / 295 lbs.
Models	00MRO201	Base model
	00MRO202	Base model plus PT401
	00MRO209	Base model plus PT401 HpH

* 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.

ACCESSORIES	
95810125	Anti-scalant (4) one gallon containers
95810126	High pH anti-scalant (4) one gallon containers
20-1011	Poly spun filter cartridge