

2200 Central Acute RO

Reverse Osmosis System 60 Hz
2,200 GPD

Pure water used for acute hemodialysis must be of the same quality as water used in chronic settings. However, a larger water system is often not affordable or practical. Single-patient systems can prove costly if several are necessary. Therefore, central acute services require a complete, compact, and economical system that can produce high-quality water to meet the demand for dialyzing as many as six patients.

For this application, we offer a water system that incorporates the 2200 Reverse Osmosis machine. It is designed to support from one to as many as six dialysis machines, depending on the model. We add the necessary pretreatment and configure the system design to meet your requirements.

The RO machine and the complete water system holds a FDA cleared claim to purify pre-treated water using reverse osmosis for making dialysate for hemodialysis applications and has a medical device license from Health Canada. The RO is built to exacting standards under ISO 13485:2003.

Features & Benefits

- Digital water-quality meter (LCD screen displays product and incoming water quality, percent rejection, and activates audible and visual alarms.
- Standard permeate divert function on the RO.
- Adjustable permeate relief valve to drain.
- Panel-mount pressure gauges and flow meters on every machine.
- Stainless steel RO pump for long-lasting, quiet operation and including a soft start feature.
- Swivel locking casters that provide easy movement.
- RO can be setup for Direct or Indirect feed.
- Pretreatment lock-out and remote alarm interface options.
- Availability of installation kits for quick and easy installation.

510(k) Medical Device



2200 Central Acute RO Machine Specifications

2200 Model							
Part Number	100-32-562						
Membrane	(2) 4 x 21 TFC						
Production @ 77° F (25° C)	5800 cc/ml min (1.52 gpm)						
2200 Specifications							
Electrical	115 VAC, 20 AMP, 60 Hz circuit, Single Phase plug-in						
Connections	3/4" MGHT fittings						
Feed Water Requirements	<table border="0"> <tr> <td>Temperature: 40-90° F (4-32° C)</td> <td>Total Chlorine: < 0.0 ppm</td> </tr> <tr> <td>Inlet Pressure: 20-60 psig</td> <td>Prefiltration: <1 µm</td> </tr> <tr> <td>pH: 5-10</td> <td>SDI: < 3</td> </tr> </table>	Temperature: 40-90° F (4-32° C)	Total Chlorine: < 0.0 ppm	Inlet Pressure: 20-60 psig	Prefiltration: <1 µm	pH: 5-10	SDI: < 3
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pH: 5-10	SDI: < 3						
Dimensions	12.5" W x 39" H x 28" D						
Materials	Brass, Stainless steel or inert plastic						
Performance	> 99% ionic rejection with properly pretreated feed water						
Recovery	~50% to 75%						
Weight	140 lbs. (63.6 Kg)						



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