



Bicarbonate Systems

Medical Device

Bicarb Mix & Delivery Systems 50 - 100 Gallon Tanks

Properly providing bicarbonate solution in a cost-effective manner is a challenge for hemodialysis providers. Preparation and disinfection can be time-consuming and labor intensive. Bicarbonate can corrode certain metals and painted surfaces leaving your preparation area encrusted and grimy. Furthermore, if not mixed properly, bicarbonate can negatively affect the dialysate solution.

Mar Cor Purification recognizes these challenges and has met them by offering systems that are designed for quality and ease of use. We can help you plan a system for a new clinic or retrofit an existing clinic.

Our Bicarb Mixing and Distribution Systems are registered with the FDA as a class II Medical Device. They are cost-effective, clean and efficient, and are the best designs in the industry. Mar Cor Purification offers a range of choices so you can maximize efficiency with a system tailored to your specific needs.

Features and Benefits

- State-of-the-art tanks and control units are made of corrosion resistant polyethylene that will help keep the work area free of rust and corrosion.
- Equipped with a spray nozzle for thorough tank cleaning and disinfecting.
- Low profile 50- or 100-gallon tanks allow easy bicarbonate powder loading.



- Complete bicarbonate mixing is attained with a powerful 3/4 or 1/2 hp pump system, while the distribution system offers a fractional hp pump for reliable transfer to all points of use.
- Simple installation – shipped ready to use.
- Manual or batched controlled systems for convenient filling.
- Mix and Distribution Systems offer a pure water rinse feature of the mix tank and distribution loop that reduces overall cleaning and disinfecting time.

Bicarbonate System Specifications

Model	MCB-202	MCB-205	MCB-212
Type	Single Mix	Mix & Distribution	Mix & Distribution
Capacity	50/100 gallons	50/100 gallons	50/100 gallons
Fill Method	Manual	Manual	Batch Meter
Sub-micron filter	No	Yes	Yes
Electrical	110V, 20 amp	110V, 20 amp	110V, 20 amp
Connections	3/4" PVC	3/4" PVC	3/4" PVC

Model	MCB-202-50	MCB-202-100	MCB-205-50 MCB-212-50	MCB-205-100 MCB-212-100
Height	3' 7"	5' 1"	4' 9" ¹	5' 1"
Width	3' 6"	3' 0"	7' 1"	7' 1"
Depth	3' 0"	3' 0"	2' 8"	2' 8"
Weight (empty)	90 lbs.	125 lbs.	300 lbs.	350 lbs

¹Actual tank height 3' 4".

All dimensions are approximate

MCB - 212 - 100

Mar Cor Bicarb Model Number Capacity



Semi Automatic Bicarb
MCB-212-100



Single Mix Bicarb
MCB-202-100

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