

MCB Bicarb Systems

Bicarbonate Mix & Delivery System 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. We offer a range of choices so you can maximize efficiency with a system tailored to your specific needs.

Standard Features & 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.
- All models are ETL certified.
- Simple installation – shipped ready to use.
- Manual or batched controlled systems for convenient treated water 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.
- Built-in timer to prevent the possibility of over-mixing and to maintain solution integrity.
- Tightly sealed lids with air vent filter to help reduce off-gassing and CO² loss.
- Sample ports off each tank and loop making testing easy and accessible.

Medical Device



Technical Data

Product Specifications

Bicarbonate System Specification

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
Electrical	110V, 20 amp	110V, 20 amp	110V, 20 amp
Connections	3/4" PVC	3/4" PVC	3/4" PVC

Product Dimensions

Bicarbonate System Specification

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"	5' 1"
Width	3' 6"	3' 6"	7' 1"	7' 1"
Depth	3' 0"	3' 0"	2' 8"	2' 8"
Weight (empty)	90 lbs.	125 lbs.	300 lbs.	350 lbs.

* Actual Tank Height 3'4".

Ordering Information

MCB Mar Cor Bicarb	-	212 Model Number	-	100 Capacity
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Semi Automatic Bicarb
MCB-212-100



Mar Cor Purification
4450 Township Line Road
Skipack, PA 19474-1429
Tel: (484) 991-0220
Toll Free: (800) 346-0365
Fax: (484) 991-0230

Mar Cor Purification
14550 28th Avenue North
Plymouth, MN 55447
Tel: (484) 991-0220
Toll Free: (800) 633-3080
Fax: (763) 210-3868

Mar Cor Purification
3250 Harvester Road - Unit 6
Burlington, ON L7N 3W9
Tel: (905) 639-7025
Toll Free: (800) 268-5035
Fax: (905) 639-0425

Mar Cor Purification
Sourethweg 11
6422 PC Heerlen
The Netherlands
Tel: (+31) 45 5471 471
Fax: (+31) 45 5429 695

Mar Cor Purification
1A International
Business Park, #05-01
Singapore 609933
Tel: (+65) 6227 9698
Fax: (+65) 6225 6848