



SINGLE TANK MIX & DISTRIBUTION BICARB SYSTEM

DESCRIPTION:

AmeriWater's single tank mix & distribution system provides worry free preparation and distribution of bicarbonate solution; allowing facilities to take advantage of the cost savings of mixing bicarb in bulk. This system meets all of the AAMI/ISO, AAMI RD52:2004 and CMS Conditions of Coverage.

FEATURES:

- Virgin polyethylene tanks with sanitary o-ring sealed lids and sub-micron vent filters to prevent contamination of the system and concentrate
- Low profile cone bottom tanks with 10" diameter fill holes allow for easy loading of bicarbonate powder
- High vortex stainless steel pump mixing action provides complete mixing in minutes and keeps the bicarbonate powder in solution
- Disinfection is quick and simple
- Adjustable throttle valve improves disinfection by allowing increased pressure and flow rate through the distribution loop, which also results in faster rinse out of the disinfectant
- The distribution loop return to the bottom of the tank prevents splashing and CO₂ loss
- Manual RO water valves, which spray the entire inside of the tanks, allows for quick and complete rinsing of the bicarb or disinfectant
- Control system operates on a 120V, 60 Hz, 20 Amp dedicated GFI circuit with manual and timed fill, timed mixing and includes a low-level pump shut off
- The bicarb mix timer prevents over-mixing of the solution
- Optional remote bicarb alarm package available



STANDARDS:

- FDA 510K / ISO 13485 Registered Medical Device
- Health Canada Medical Device License 81988
- Seismic Approved

SPECIFICATIONS		
Model	00BCMD55	00BCMD100
Mix/ Distribution Tank Volume Gallons	55	100
Electrical Requirement	120 V, 20 Amp Dedicated GFI	
Pump HP	½ HP	
Inlet Connection	½" ID Hose Barb	
Outlet Connection to Distribution Loop	½" OD Tube Compression	
Distribution Loop Return	½" OD Tube Compression	
Drain	1 ¼" ID Hose Barb	
Automatic Mix Fill GPM	2 GPM	
Distribution Flow Rate GPM/PSI	Adjustable/Adjustable	
Mix Time Minutes	Adjustable	
Tank Vent Filter Micron	0.2 Sub-Micron, DOE	
Dimension Inches (W x D x H)	43 x 31 x 55	49 x 36 x 59
Shipping Weight Lbs.	160	195

Note: AmeriWater recommends distribution loop to be installed using ½" OD polyethylene tubing to minimize bacteria growth.