



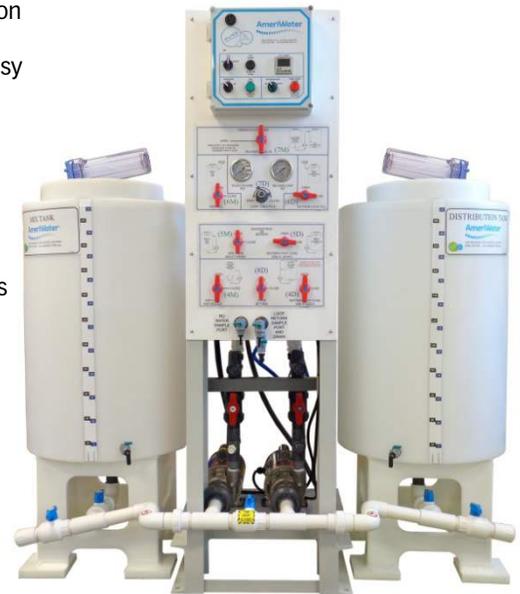
## AUTOMATIC DUAL TANK BICARB MIX & DISTRIBUTION SYSTEM

### DESCRIPTION:

AmeriWater's automatic dual tank bicarb 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 with chemicals or ozone
- Bicarb system and distribution loop can be disinfected with ozone at the same time, significantly reducing the disinfection time
- 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 CO<sub>2</sub> loss
- Manual RO water valves, which spray the entire inside of the tanks, allows for quick and complete rinsing of the bicarb or disinfectant
- Ergonomically designed control panel is easily accessible
- The bicarb mix timer prevents over-mixing of the solution
- Distribution tank has high and low level audible alarms and low-level distribution pump shut off
- Optional remote bicarb alarm package available



### STANDARDS:

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

SPECIFICATIONS			
Model	00BC55-55	00BC100-100	00BC100-200
Mix/ Distribution Tank Volume Gallons	55/55	100/100	100/185
Electrical Requirement	120 V, 20 Amp Dedicated GFI		
Mix Pump HP	½ HP		
Distribution Pump HP	½ HP		
Inlet Connection (end user to provide)	½" Female NPT		
Outlet Connection to Distribution Loop	½" OD Compression		
Distribution Loop Return	½" OD Compression		
Drain From Mix and Distribution Tanks	1¼" ID Hose Barb		
Automatic Mix Fill GPM	2		
Distribution Flow Rate GPM/PSI	Adjustable/Adjustable		
Mix Time Minutes	Adjustable		
Tank Vent Filter Micron (Quantity 2)	0.2 Sub-Micron, DOE		
Dimension Inches (W x D x H)	66 x 32 x 70	89 x 37 x 70	89 x 37 x 96
Shipping Weight Lbs.	480	503	565

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