

Hemodialysis Bicarbonate Mixing and Dispensing

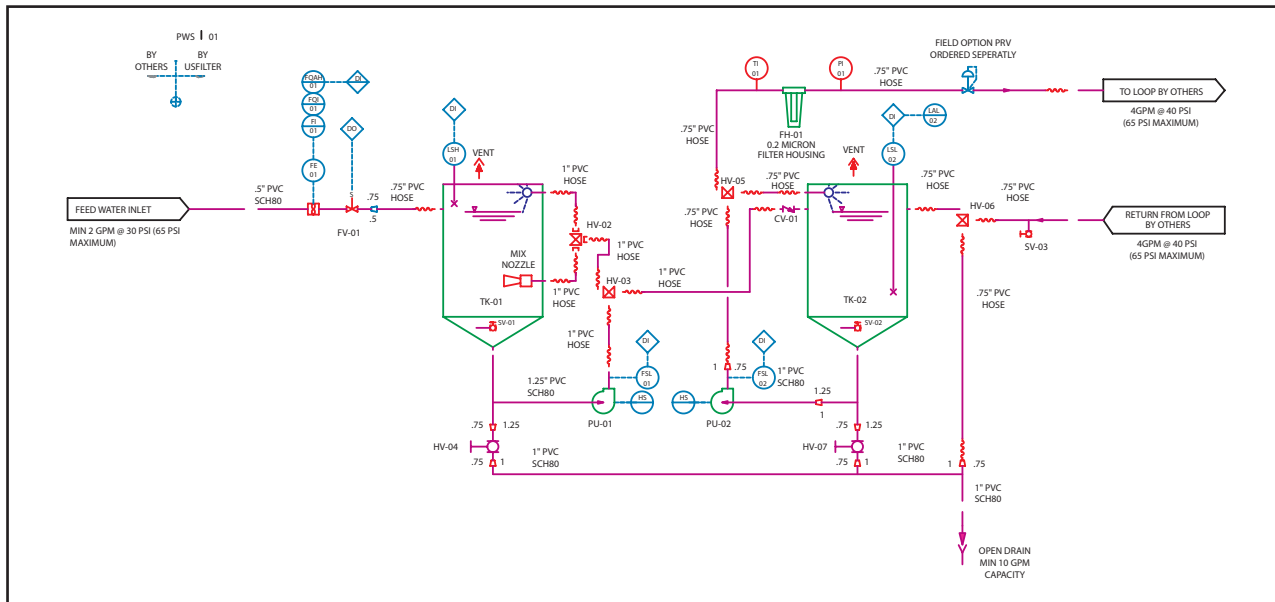
The Right Solution Consistent, Safe and Reliable

Siemens' safe and reliable bicarbonate system provides consistent mixing and dispensing. This semi-automatic system reduces the technician's time by providing controlled automation of all operations, including cleaning. The system delivers up to 4 gallons per minute of solution to the distribution loop.

Features that make the difference

- Plastic components provide superior corrosion resistance.
- Simple, yet rugged construction for high reliability.
- Pre-assembled, skid-mounted for low installation time and cost.
- Programmable Logic Control system for exacting automatic operational requirements.





	BICARB50	BICARB100
System Production Flow Rate Specifications		
Fill Rate	2 GPM	
Loop Distribution	4 GPM	
Loop Return	4 GPM	
Operating Parameters		
System Temperature	Not to exceed 85°F	
System Pressure	30 – 65 PSI	
Skid Process Connection Specifications		
Feedwater Inlet	1/2"	
Loop Distribution	3/4"	
Loop Return	3/4"	
Drain	1"	
Utility Requirements		
Electrical Service	115VAC, 1 Phase, 60Hz, 40A	
Feedwater	RO or DI water produced to AAMI standards for Hemodialysis	
Motor HP (ref.)	1/9 HP Distribution and 0.75 HP Mixing	
Waste Drain (min.)	1"	
Physical Dimension Specifications*		
Length	70"	83"
Depth	27"	35"
Height	60"	60"
Shipping Weight	300 lbs	350 lbs
Operating Weight	1800 lbs	2500 lbs
Materials Specifications		
Piping Materials	Schedule 80 PVC Pipe, PVC Hose	
Filter Housings	Polypropylene	
Mixing Pump	Stainless Steel	
Distribution Pump	Plastic	
Tanks/Frame	PE	

Standard Part Numbers	
BICARB50SYS	Bicarbonate System – 50 gallon tanks
BICARB1000SYS	Bicarbonate System – 100 gallon tanks

*Does not include operating space requirements. For easy and safe operation, there should be a minimum of 2' on each side and 4' in front of the system.

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