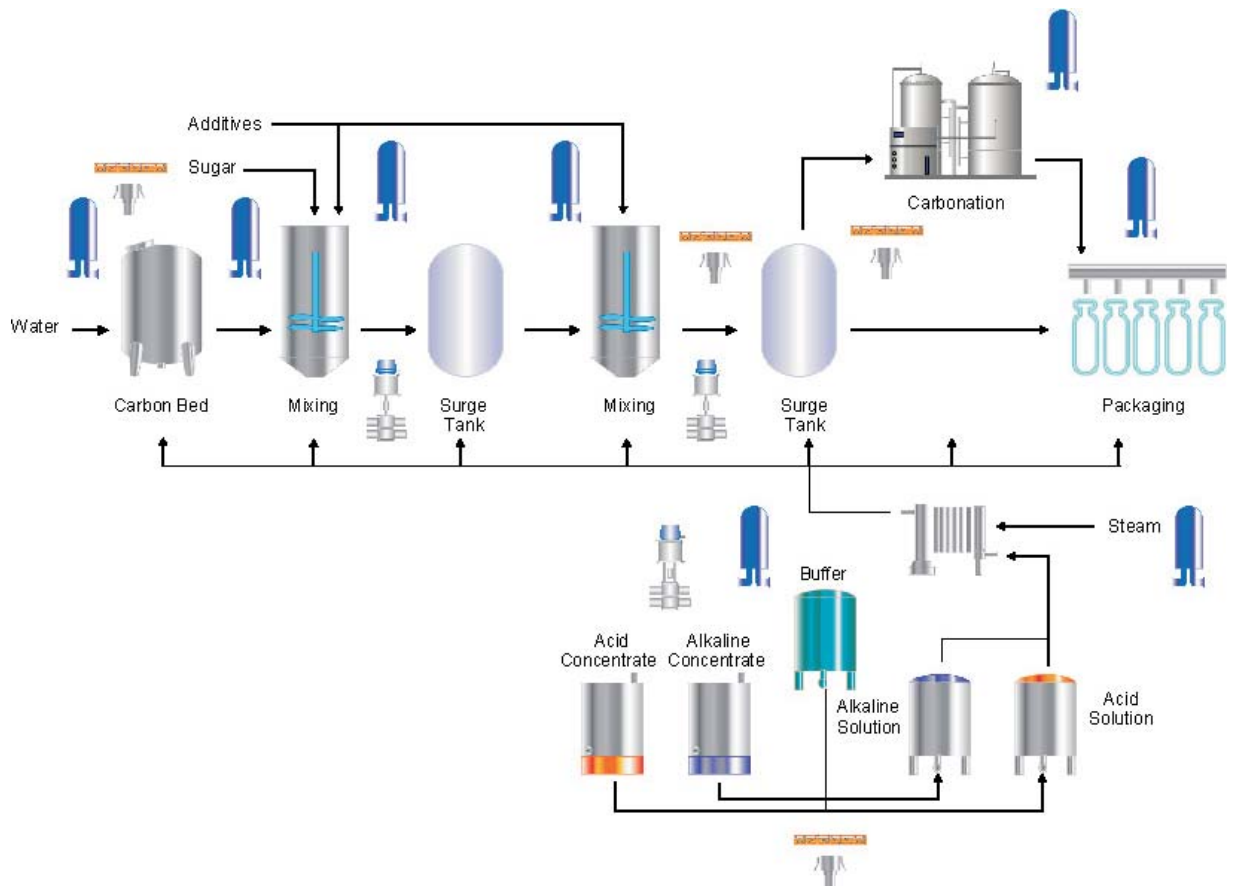






CLASSIC

FILTER & EQUIPMENT LTD

SOFT DRINKS



PRODUCT KEY

-  Sterile Filter
-  Flexible Hose
-  Fittings
-  Sanitary Valve

APPLICATION

Incoming water is treated to remove impurities from the water source. The treated water is then mixed with flavors, sugar and other additives. Intermediate product is stored in day tanks. Final product can be carbonated prior to packaging



Carbon beds should have pre-filtration to remove particulate contaminants from the source water that will plug the carbon. Post-filters or Trap filters remove any carbon fines that might bleed from the bed into downstream processes. Classic Filter recommends 5μ depth style filters before the carbon bed and 5μ pleated style filters post bed.



Any product additives such as flavorings or sugar should be filtered before they enter mixing tanks. This will remove any particulate contaminants that may affect product quality or organoleptic properties. Classic Filter recommends **Critical Process Solutions** filter products for these applications.



All liquid storage and intermediate tanks should be properly vented to maintain clean and sterile air. Classic recommends 0.2μ PTFE membrane filters for this application.



All CIP agents should be purified to remove any contaminants that might compromise the maintenance of a sanitary system. Classic recommends a 1μ pre-filter followed by a 0.45μ micron membrane to keep this system within sanitary specifications.



Any steam utilized as heat exchange medium should be cleaned and purified to remove any liquid or particulate contaminants. This will prevent these contaminants from building up on exchange surfaces and will properly maintain the efficiency of heat exchange surfaces



Carbonation gas should be filtered with a 0.2μ membrane style filter to remove any contaminants prior to packaging. This will keep process gas equipment free from contamination that could affect product quality, shelf life, or taste.



There are a myriad of applications for flexible hose and fittings within the Soft Drink application. Classic offers a complete line of hose and fitting products for the most demanding sanitary applications.



Sanitary valves are used throughout the manufacturing process. They are used as shut-offs, diverts, mix-proofs, pressure regulators, tank bottoms, and elsewhere to regulate the flow of products and other liquids used in the soft drink process.

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