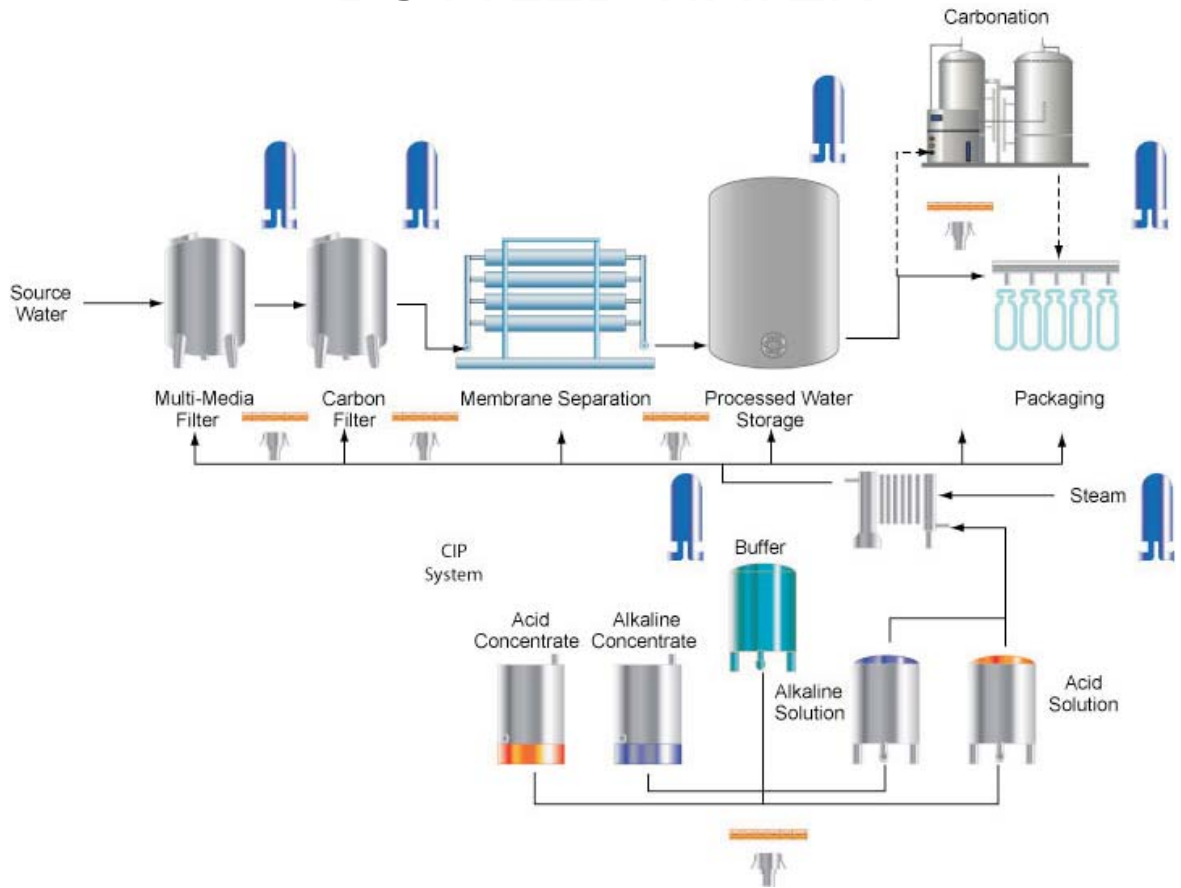


CLASSIC

FILTER & EQUIPMENT LTD

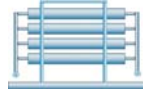
BOTTLED WATER



PRODUCT KEY



Sterile Filter



Membrane Installation



Flexible Hose



Fitting

APPLICATION

Source water is received into the plant. The water source will determine pre-treatment. If the source is city water, carbon and multi-media filter may be used to remove chlorine and gross contaminants. If the source is surface or well water, multi-media may be used prior to cartridge filters to remove contaminants. Once the water has been pretreated, a membrane separation process removes ionic hardness components. The finished product is then packaged with or without carbonation.



All liquid storage tanks should be properly vented to maintain clean and sterile air. Classic recommends 0.2 μ 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 1 μ pre-filter followed by a 0.45 μ micron membrane to keep this system within sanitary specifications.



Gases used in the Carbonation process should be free from contaminants that can cause spoilage or off-taste in the final product. Classic recommends 0.2 μ air and coalescing filters for this application.



All final product should be filtered before packaging and bottling to insure biological stability. Classic Filter and Equipment recommends a 1 μ pleated pre-filter followed by a 0.45 μ membrane final filter.



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.



Filters should be located downstream of carbon and multi-media beds to trap any carbon or media fines that might break through. Classic recommends 1 μ to 5 μ pleated style filters for this application.



Reverse Osmosis membranes are at the heart of water applications. Classic Filter recommends Hydranautics HYDRACap® membrane products for this application.



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

CLASSIC FILTER AND EQUIPMENT, LTD.

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