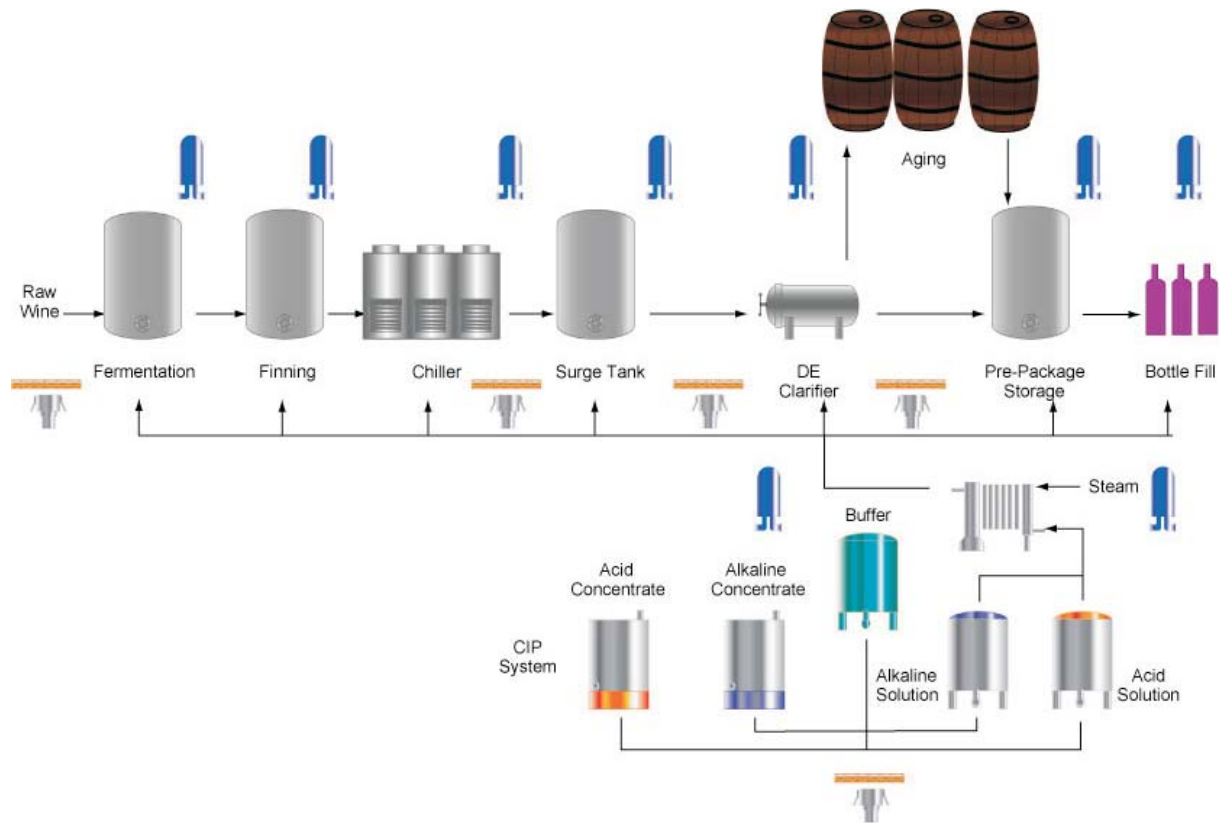


CLASSIC

FILTER & EQUIPMENT LTD

WINE PROCESS



PRODUCT KEY



Sterile Filter



Flexible Hose



Sanitary Fitting

APPLICATION

Fresh grapes are de-stemmed and crushed to produce juice. This juice is drained off and transferred to a vat or barrel along with yeast and some grape skins. Here the fermentation process takes place as the yeast converts the sugar in the juice into alcohol and carbon dioxide. This interim product is called a "Must". Once the fermentation is done, the yeast is removed and the wine is transferred to stainless steel vats or oak barrels for aging. Once aging is complete, the wines are packaged.



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.



There are a myriad of applications for flexible hose and fittings within the Wine Making 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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