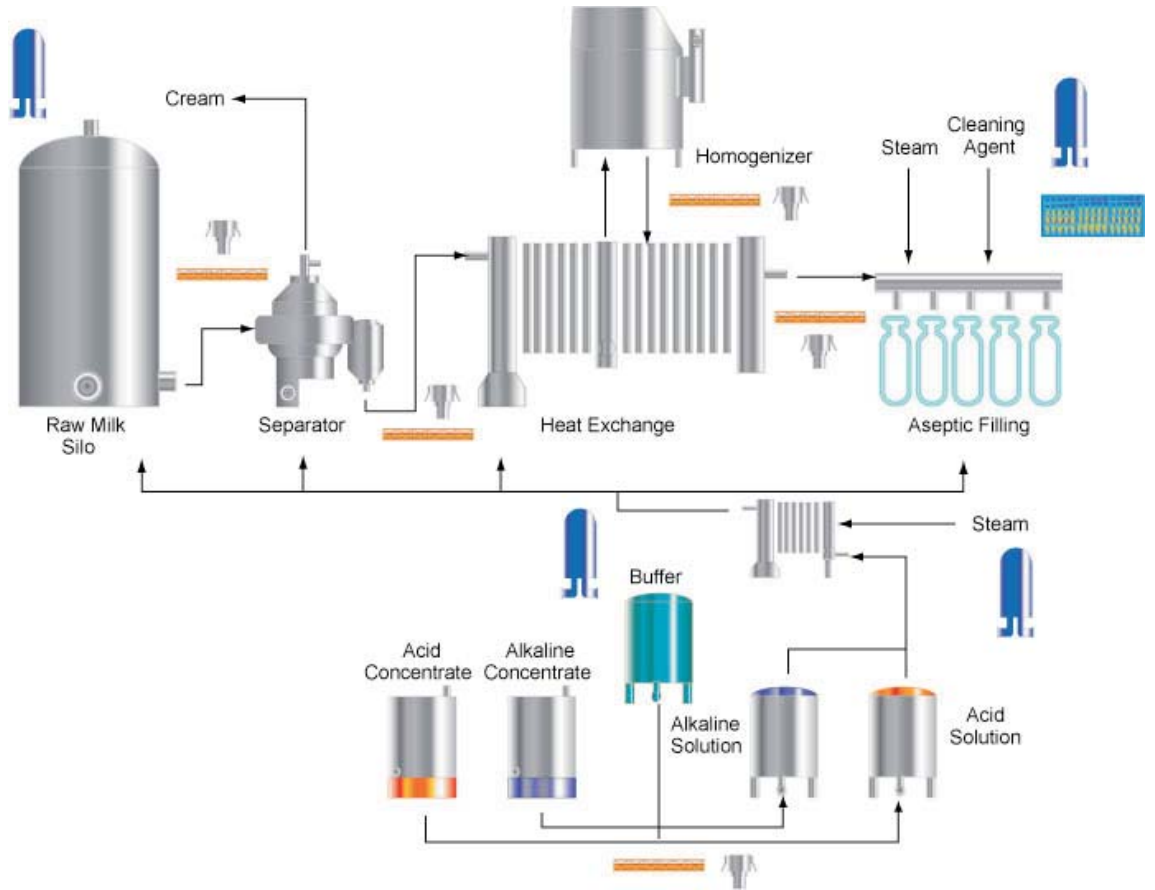


CLASSIC

FILTER & EQUIPMENT LTD

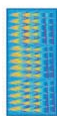
FRESH MILK PRODUCTION



PRODUCT KEY



Sterile Filter



Hepa Sterile Air Filter



Flexible Hose



Fitting

APPLICATION

Raw milk from a storage silo is clarified through the use of a separator to remove organic and inorganic foreign materials and microorganisms. This separates cream from the raw milk. The raw milk is then processed through a heat exchanger and/or homogenized before it is sent to the filling line for packaging.



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



Aseptic Filling lines require large amounts of sterile steam and air. To accommodate the higher temperatures in this application Classic offers Porous metal products that will provide clean steam for this application.



For Sterile air, Classic recommended either HEPA style filters with 99.99% efficiency or Cartridge style membrane filters that will remove any particulate or aerosol contaminants down to 0.2μ .



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



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

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