

LIQUID SOLUTIONS

EXPERTS IN LIQUIDS PROCESSING FILTRATION AND BOTTLING

Product ref. FT – 02

Date: 15/01/10

Cartridge filter housings

Liquid is filtered through a disposable cylindrical cartridge mounted in a metal or plastic housing. Typical applications are 'sterile' filtration of beverages, de-chlorination of process water, powder 'trap' filtration, bottle rinse fluid filtration.

Clarity/removal is determined by the cartridge grade and construction material, and absolute grades of cartridge down to 0.2micron are available for true sterile filtration. Pre-filters are usually of the 'depth-media' type. Final 'membrane' filters may be integrity tested in place to ensure sterile operation.

Liquid must be fed from a pressure tank, or via a pump, at a controlled flow rate.

A wide range of sizes and types of housing are available, with ancillary items such as inlet and outlet valves, pressure gauges, vent valves and brackets / stands



Example prices (approximate):

20 – inch polypropylene housing	£ 50
10 - inch stainless housing 'industrial' grade	£300
3 x 30-inch stainless housing 'industrial' grade	£ 970
Complete unit on stand with valves and gauges 30 –inch + 20-inch semi-hygeinic grade	£1,675



Prices exclude delivery, commissioning and VAT