

LIQUID SOLUTIONS

EXPERTS IN LIQUIDS PROCESSING FILTRATION AND BOTTLING

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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):

10 – inch clear polypropylene housing	£ 45
10 - inch stainless housing 'industrial' grade('bare')	£335
3 x 30-inch stainless housing 'industrial' grade('bare')	£1,385
<u>Complete units on stand with valves and gauges:</u>	
Single 20-inch semi-hygienic grade	£ 895
40 –inch + 20-inch semi-hygienic grade	£1,980
3 x 30-inch + single 30-inch	£2,580

Full sanitary specification including diaphragm gauge 30-inch single housing	£1,485
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Prices exclude delivery, commissioning and VAT

