

# 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):**

20 – inch clear polypropylene housing	£ 50
10 - inch stainless housing 'industrial' grade	£ 300
3 x 30-inch stainless housing 'industrial' grade	£ 970
Complete units on stand with valves and gauges:	
Single 20-inch semi-hygienic grade	£ 775
30 –inch + 20-inch semi-hygienic grade	£1,675
3 x 30-inch + single 30-inch	£2,160

Full sanitary specification including diaphragm gauge.  
Single 30-inch , on stand with valves and gauges:      £1,540



*Prices exclude delivery, commissioning and VAT*