



FOOD & BEVERAGE



CHEMICAL



Alteco

SINCE 1996 ALTECO IS SPECIALIZED IN THE PRODUCTION OF STAINLESS-STEEL FILTER HOUSINGS FOR PHARMACEUTICAL, FOOD AND BEVERAGE, INDUSTRIAL AND CHEMICAL APPLICATIONS.

Nowadays, with more than 20 standardized product series and over 100.000 products available on stock, Alteco is committed to promptly comply with any customer requirement. We can also design, manufacture, certify and test special housings according to the technical specifications provided by our customers.

Alteco's engineering department offers a complete technical consulting, service, after-sales and documentation support.

We truly believe in the process optimization; this has always been our strength. Our operators and welders are constantly trained and the production process is set up to guarantee the superior quality and the fast lead-time that are part of our success. Alteco constantly checks the quality and all details of our finished products. The supply chain is 100% monitored to get a complete traceability for all our products.

We supply our housings across the five continents in more than 39 countries in compliance with international requirements.



Engineering

ALTECO'S ENGINEERING DEPARTMENT DESIGNS ALL COMPONENTS USING A 3D-MODELLING PROGRAM. CALCULATION CODE IS EN 13445. 3D MODELS OF OUR FILTER HOUSINGS ARE AVAILABLE ON REQUEST.

Alteco is always focused on the improvement, being this the design of the product itself, process optimization or improved usage. We design all our components and tools for the manufacturing process. Different design criteria are applied to guarantee the highest sanitary grade in accordance with the field of application. Alteco can design and manufacture pressure Filter Housing in compliance with PED2014/68/EU regulation up to the IV category (module H and H1) for liquids and gases classified as Group 1 (hazardous) and ATEX 2014/34/EU rated.

Quality & Certifications

ALTECO'S QUALITY SYSTEM IS CERTIFIED ACCORDING TO ISO 9001 STANDARD BY A THIRD PARTY NOTIFIED BODY, THE ENTIRE PROCESS FOLLOWS THE GUIDELINES ACCORDING TO THE PED DIRECTIVE AND FOOD CONTACT COMPLIANCE EN 1935/2004.

The highest standards of our finished products are guaranteed by accurate inspections of incoming tested materials, tested, quality checks during manufacturing process, and nondestructive tests (X-Rays). Welding seams are carefully checked by our INTERNAL WELDING COORDINATOR (ISO14731) and 5 INTERNAL VISUAL INSPECTORS (level II) according to ISO 9712

Our products are hydraulically tested before shipping. Thanks to our ERP, connected to all departments, it is possible to track constantly the state of each order to provide quick and reliable deliveries. Alteco selects the best raw materials from certified suppliers, tracing each material lot and component throughout the entire process.

A wide range of certifications can be supplied upon request, such as: Material 3.1 certificate, FDA and USP class VI compliance, Roughness measure 3.1 certificate, and more.



VHP series

Easy handling sanitary T-Style housing, available from 1 to 60 cartridges in 5" to 40", designed for Food&Beverage applications.

Working conditions: 10bar (145psi) @40°C (104°F)



VJR series

Sanitary T-Style filter housings, available from 1 to 36 cartridges in 10" to 40", designed for Food&Beverage applications.

Working conditions: 13bar (188psi) @40°C (104°F)



ZMP series

Easy handling sanitary T-Style filter housing, available from 1 to 4 12"-16" lenticular modules, designed for Food&Beverage applications.

Working conditions: 8bar (116psi) @40°C (104°F)



FILTRATION SKID

Manual skid for Food&Beverage applications customizable as per the customer requirements.



ALN series

Inline sanitary single cartridge housing, available in 5" to 40", designed for Food&Beverage applications.
Working conditions: 10-16bar (145-232psi) @150°C (302°F)



KMC series

Sanitary T-Style filter housing, available from 1 to 32 cartridges in 5" to 40", designed for Food&Beverage applications.
Working conditions: 5-10-16 bar (72-145-232psi) @150°C (302°F)



CMP series

Sanitary junior cartridge housing designed for Food&Beverage applications. Working conditions: 10bar (145psi) @150°C (302°F)



FI series

Easy handling single cartridge T-Style filter housing, available in 10" to 40", accepting a wide range of sockets for Food&Beverage and Industrial applications.
Working conditions: 8 bar (145psi) and 16 bar (240psi)



NGN series

Hanging cartridge inline sanitary housing, available from 19 to 72 cartridges in 30" and 40", designed for Food&Beverage applications.

Working conditions: 8bar (120psi) @40°C (100°F)



FDH series

Large flow rate L-Style filter housings, available from 36 to over 100 cartridges in 30" and 40", designed for Food&Beverage applications.

Working conditions: 8bar (120psi) @40°C (100°F)



VSN series

Atmospheric pressure range of vent housings available from 1 to 12 cartridges in 10" to 40", designed for Food&Beverage and Pharmaceutical applications.



BGH series

Sanitary Bag filter Housing, designed for Food&Beverage applications, with special casted head design ensuring less headroom for product loss minimization

Working conditions 10bar (145psi) @90°C (194°F).



TRK series

Heavy duty T-Style filter housings, available from 1 to 8 cartridges in 10" to 40", designed for Chemical and Pharmaceutical applications.

Working conditions: 10bar (145psi) @150°C (302°F)



CVM series

Heavy duty sanitary T-Style filter housing, available from 1 to 4 12"-16" lenticular modules, designed for Chemical and Pharmaceutical applications.

Working conditions: 10bar (145psi) @150°C (302°F)



PVO series

Split bowl Offset style filter housing, available from 3 to 8 cartridges in 20" to 40", designed for Industrial applications. Available also in L-Style geometry.

Working conditions: 6-10bar (90-145psi) @40°C (104°F)



FILTER HOUSING COMMON FEATURES

- Stainless steel AISI 316L, 1.4404
- PED 2014/68/EU
- ATEX rated
- Food Contact Compliance – 1935/2004/CE
- External mirror polishing finishing and internal roughness $Ra < 0,8\mu m$ (32uin)
- Electropolishing or $Ra < 0,4\mu m$ (16uin) upon request
- 226 Code 7, 222 Code 8, and DOE sockets
- Wide range of Inlet/Outlet connections
- Integrity Test port, upon request
- Heating Jacket or Split Bowl upon request
- High quality Laser etching
- Certificates 3,1 EN 10204 available upon request (Material, Roughness, FDA, etc.)
- Wide Range of Gaskets, accessories, and spare parts
- User Manual, Declaration of conformity and Report Test, are always included
- Heavy duty packaging



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