



Single-Round Sanitary Liquid Filter Housings

Manufactured of 304 or 316 stainless steel with an extraordinary degree of surface polish. The sanitary design includes TC-type fittings and offers smooth, crevice-free surfaces. Easy to disassemble and presents the ultimate in cleanability. Accept standard 2.5" to 3"OD filter cartridges.

These are the standard choice in laboratory or low-flow rate usage in the pharmaceutical, bio-technology, and food and beverage industries.

Features

- Ultra-high degree of polishing: Internal: $Ra \leq 0.3\mu m$ (12 μin)
External: $Ra \leq 0.4\mu m$ (16 μin)
- Highest degree of cleanability
- Strengthened closure allows 150 psi (10 bar) operation
- Heavy-duty legs provide stability and ruggedness
- Suitable for Clean-in-Place and Steam-in-Place processes
- Standard models include sanitary hose barb drain side ports

Applications

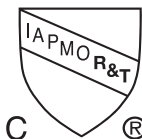
- Pharmaceuticals: filtration of injectables, LVPs, water for injection, antibiotics, and other biological products
- Laboratory water, ultra-high purity water
- Food and beverage: filtration of beer, wine, distilled spirits, juices, syrups

Product Quality

- Manufactured within an ISO 9001:2015 certified quality management system
- Certified to NSF/ANSI-61 and 372
- Halal certified
- Certification of Quality document can be provided upon request



LEAD FREE
NSF/ANSI/CAN 61



Certified to NSF/ANSI/CAN 61 for material safety requirements only.

Certification includes only the "E", "B", and "S" seal options, and for use temperature to 86° F.

Materials of Construction

Shell Components	304 or 316L Stainless Steel
Seal Options	SILICONE, EPDM, FKM, NBR

Operating Conditions

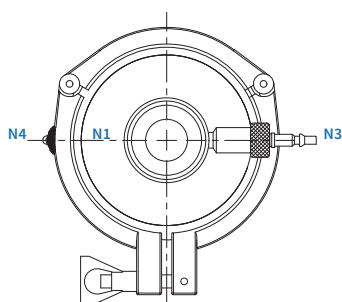
Operating Temperature	150°C (302°F) max.
Design Pressure	10 bar (150 psi)

* Maximum service flow rate advised is dependent on the cartridge selected.

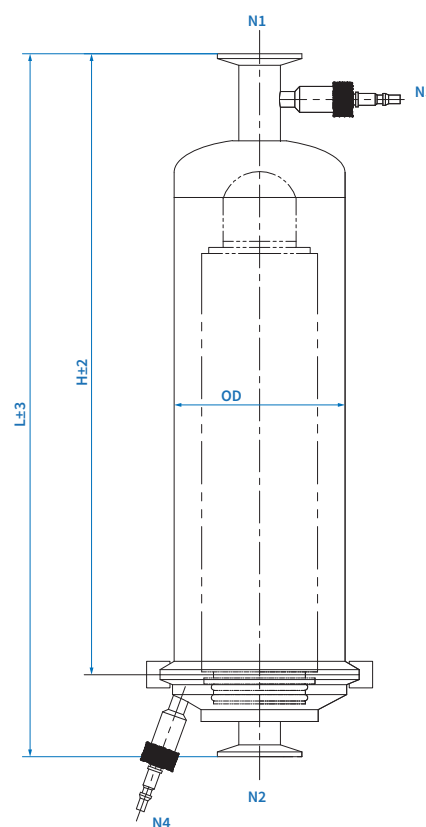
Surface Finish

Surface Quality	Internal: $Ra \leq 0.3\mu m$ (12 μin) External: $Ra \leq 0.4\mu m$ (16 μin)
Finish, internal	Mechanical Polishing, Electropolishing
Finish, external	Mechanical Polishing, Electropolishing

Dimensions(mm)



Size	H	L	OD
5"	238	288	101.6
10"	368	418	
20"	618	668	
30"	868	918	
40"	1118	1168	



Ordering Information

e.g. CPK0105T25SEM

Connection	Material	Number Round	Length	Inlet & Outlet	Seal Material	Surface Finish (internal)	Surface Finish (external)
C P	K	01	05	T25	S	E	M
Q 226 / Fin P 222 / Fin	J 304 K 316L	01 1	05 5" 10 10" 20 20" 30 30" 40 40"	T25 TC 1"	S Silicone E EPDM B NBR V FKM	M Mech. Polished E Electropolished	M Mech. Polished E Electropolished

Note: Other port sizes and lengths may be available. Please inquire.

CUSTOMIZED REQUIREMENTS: Housings can be customized to meet the specific needs of the process and installation. Contact us for assistance.

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.



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