



Multi-Round Sanitary Liquid Filter Housings

Manufactured of 304 or 316L stainless steel with an extraordinary degree of surface polish. The sanitary design includes TC-type fittings and offers a 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 higher flow rate applications in the pharmaceutical, bio-technology, and food & 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
- Design allows for thorough drainage
- Standard 1/2" TC flange tee ports allow connection of drains, sample ports, or gauges

Applications

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

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



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

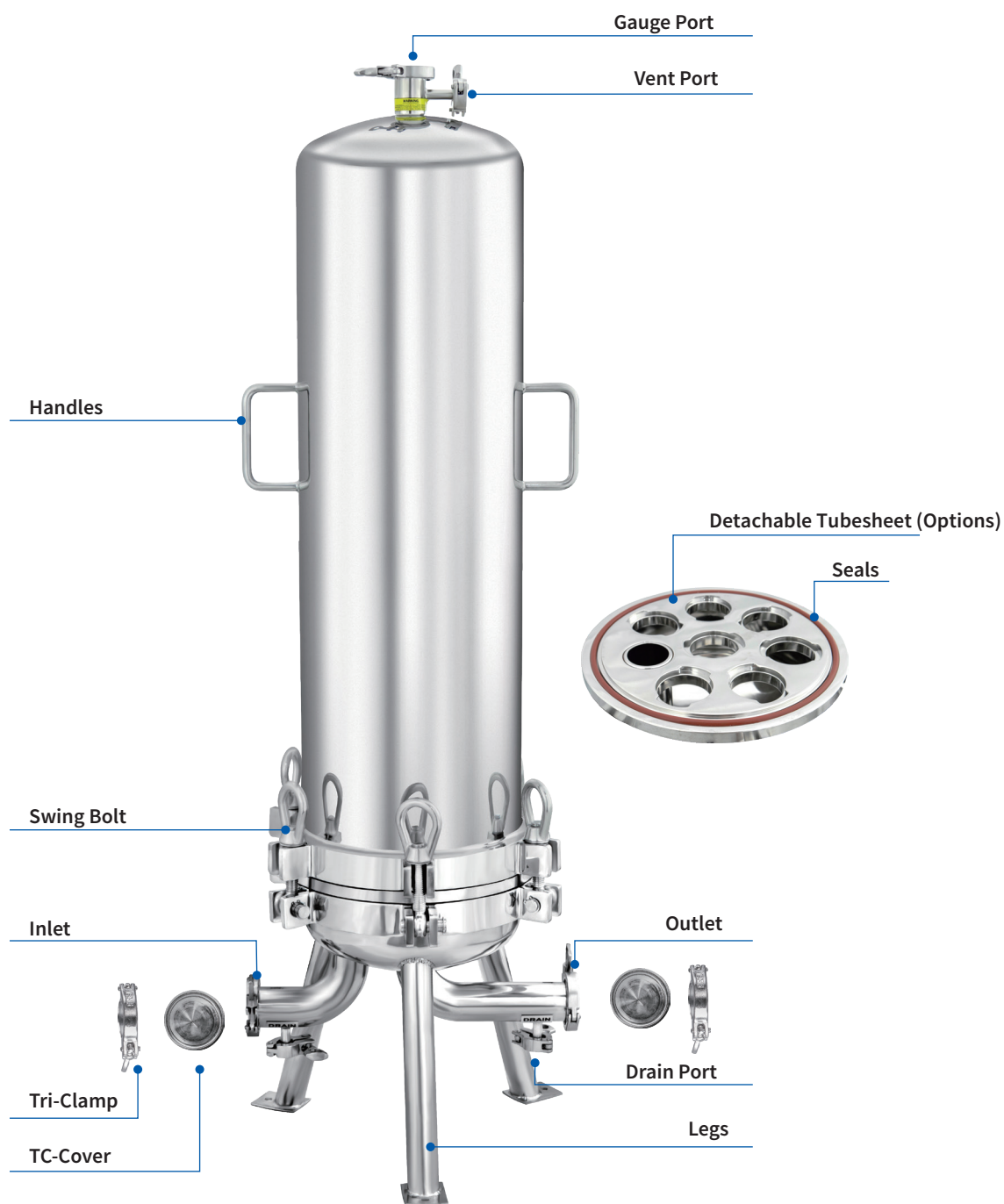
Operating Conditions

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

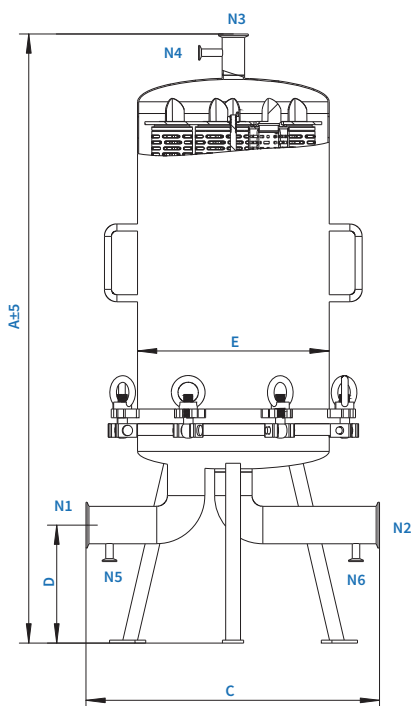
Surface Finish

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

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



Dimensions(mm)



Model	Nominal Cartridge	A	C	E	D
3-Round	10"	750	360	219	150
	20"	1000			
	30"	1250			
	40"	1500			
5-Round	10"	750	400	219	150
	20"	1000			
	30"	1250			
	40"	1500			
7-Round	10"	750	420	273	180
	20"	1000			
	30"	1250			
	40"	1500			
9-Round	10"	750	480	325	200
	20"	1000			
	30"	1250			
	40"	1500			
12-Round	10"	750	500	350	200
	20"	1000			
	30"	1250			
	40"	1500			
21-Round	10"	1008	700	500	200
	20"	1263			
	30"	1518			
	40"	1773			

PORTING	N1,N2	N3	N4	N5	N6
3-Round	User selected	1.5" TC	1/2" TC/ Hose Barb		
5-Round					
7-Round					
9-Round					
12-Round					
21-Round					

Ordering Information

e.g. BAPK0110T38SEM

Type	Connection	Material	Number Round	Length	Inlet & Outlet	Seal Material	Surface Finish (internal)	Surface Finish (external)
B	A	P	K	Q3	10	T38	S	E
	A N6-Free	Q 226 / Fin	J 304	03 3	10 10"	T38 TC 1.5"	E EPDM	M Mech. Polished
	B N6	P 222 / Fin	K 316L	05 5	20 20"	(For 3 cartridges)	S Silicone	E Electropolished
				07 7	30 30"	T50 TC 2"	B NBR	
				09 9	40 40"	(For 5, 7 cartridges)	V FKM	
				12 12		T63 TC 2.5"		
						(For 9, 12 cartridges)		

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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