



Sanitary In-Line Filter Housings are the ideal choice when the application calls for a compact and cost-effective design. Suitable for filtration of liquids and gases. Uses a convenient clamp body closure and drain/vent ports.

Features

- Ultra-high degree of polishing: Internal: $Ra \leq 0.3\mu m$
External: $Ra \leq 0.4\mu m$
- Meets GMP standards with smooth crevice-free welding and sanitary design.
- Excellent cleanability & liquid drainage.
- Vent/Drain Valve: the threaded sleeve is separated from stepped hose barb, so the connection tube will not rotate when venting or draining.
- A strengthened closure clamp allows a maximum operating pressure of 1.0MPa.

Surface Finish

Finish Type:	Passivated Electropolished Mech. Polished
Polishing Type:	Internal: $Ra \leq 0.3 \mu m$ External: $Ra \leq 0.4 \mu m$

Materials

Shell Options:	304, 316L Stainless Steel
Drain/Vent Valve:	304, 316L
Tri-clamp:	304
Seal Materials:	Silicone, FKM, EPDM

Operating Conditions

Design Pressure Options:	0.6MPa(90psi) 1.0MPa(150psi)
Max. Operating Temperature:	150°C (302°F)

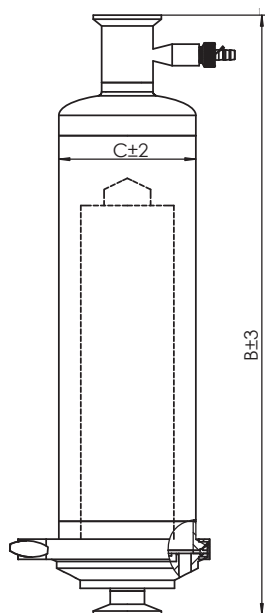
Connection

Shell Connection:	Clamp
Inlet & Outlet:	Tri-Clamp / Flange
Vent Valve:	Inner bore 4mm Connect with 8mm pipe
Drain Valve:	Inner bore 4mm Connect with 8mm pipe

Applications

- Particle filtration of pipeline liquids.
- In-line gas filtration or as a respirator.
- Filtration of beverages, edible oils, etc.

Dimensions (mm)



Nominal Cartridge	B	C
	Overall Length (excluding pressure gauge kit)	Diameter
5"	320	101.6
10"	447	101.6
20"	701	101.6
30"	955	101.6
40"	1,209	101.6

Ordering Information

eg: CQJ0105T20SEEX

Series	Connection	Shell Material	Number Round	Length	Inlet & Outlet	Seal Material	Surface Finish (internal)	Surface Finish (external)	Design Pressure
C = In-Line Filter Housing	Q = 226 P = 222 F = DOE	J = 304 K = 316L	01 = 1	05 = 5" 10 = 10" 20 = 20" 30 = 30" 40 = 40"	T20=TC 3/4" T25=TC 1" T32=TC 1.25" T40=TC 1.5" T50=TC 2" F20=Flange DN20 F25=Flange DN25 F32=Flange DN32 F40=Flange DN40 F50=Flange DN50 ...	S=Silicone E=EPDM V=FKM	E=Electropolished M=Mech. Polished P=Passivated	E=Electropolished M=Mech. Polished	X=0.6MPa Y=1.0MPa

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.

