E-SSAN Series

Single Cartridge Sanitary
Filter Cartridge Housings - "T" Type

FilterSource.com

Leading Filtration into the Future

Manufactured of AISI304 or AISI316L 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/beverage industries.



Features

- Ultra-high degree of polishing: Internal: Ra ≤ 0.3µm (12µin)
  External: Ra ≤ 0.4µm (16µin)
- 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 are provided with 1/2"TC drain and vent 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.
- Halal certified.
- Certification of Quality document can be provided upon request.

LEAD FREE
NSF/ANSI/CAN 61

IAPMO R&T
C ®

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:	AISI304 or AISI316L Stainless Steel
Seal Options:	SILICONE, EPDM, FKM, NBR

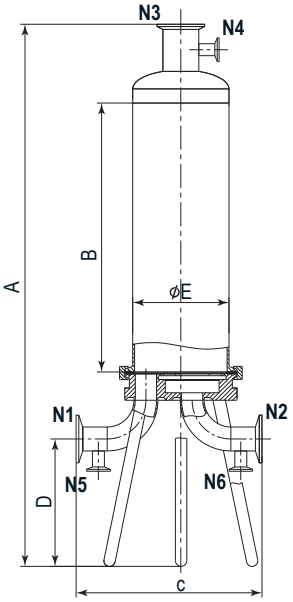
Surface Finish

Surface Quality:	Internal: Ra ≤ 0.3µm (12µin)
	External: Ra ≤ 0.4µm (16µin)
Finish, internal:	Mechanical Polishing, Electropolishing
Finish, external:	Mechanical Polishing

Operating Conditions

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

Dimensions



Nominal Cartridge	A	C	E	D
	Overall Length (excluding pressure gauge kit) (mm)	Inlet to Outlet Length (mm)	Shell Diameter (mm)	Inlet/Outlet Height (mm)
10"	548	198	101.6	110
20"	802	198	101.6	110
30"	1,056	198	101.6	110
40"	1,310	198	101.6	110

Ordering Information

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Length	Inlet/Outlet Ports	Ctg Type	Material	Seals	Options
10 = 10"	15TC = 1-1/2" TC	2 = 222	304 = AISI304	S=Silicone	ND = No Drains
20 = 20"		6 = 226	316L = AISI316L	E = EPDM	NV = No Vent
30 = 30"				B = NBR	NDV = No Drains or Vent
40 = 40"				V = FKM	

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

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DISCLAIMER: The filtration data presented is representative of performance characterized in a laboratory setting. The data is not offered as a warranty, specification, or statement of fitness for a specific application. Performance can vary greatly depending on the fluid, contaminants present, flow conditions, and operating environment. Users are advised to conduct comprehensive qualification testing to substantiate that the product performs as required.

See the applicable Product Performance & Operating Guide for additional information on the function and capabilities of the product.

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