E Series

Single-Round Sanitary Vent Filter Housings

Sanitary Vent Filter Housings are comply with sanitary vessel design requirements. Suitable for gas sterilization filtration in the pharmaceutical and food industries. The top elbow is intended to prevent large particles and debris from entering the housing.



Features

- Ultra-high degree of polishing: Internal: Ra ≤ 0.3μm (12μin)
  External: Ra ≤ 0.4μm (16μin)
- Complies with GMP standards
- Excellent cleanability
- Design prevents accumulation of liquid
- Top elbow prevents external particles and debris from entering the housing
- The vent filter housings are available in single-opening A and top elbow B model, compatible with cartridge connection for 222 and 226

Applications

- Allows sterile filtration of vented gas flow in the production and storage of
  - Pharmaceutical and bio-technology products
  - Fermentation process products
  - Food, beverages, potable water

Product Quality

- Manufactured within an ISO 9001:2015 certified quality management system
- Halal certified
- Certification of Quality document can be provided upon request

Materials of Construction

Shell Components	304 or 316L 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, Electropolishing

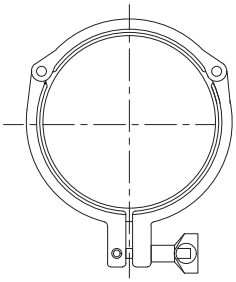
Operating Conditions

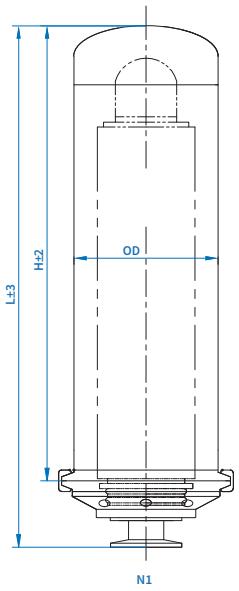
Operating Temperature	150°C (302°F) max.
Design Pressure:	10 bar (150 psi)

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

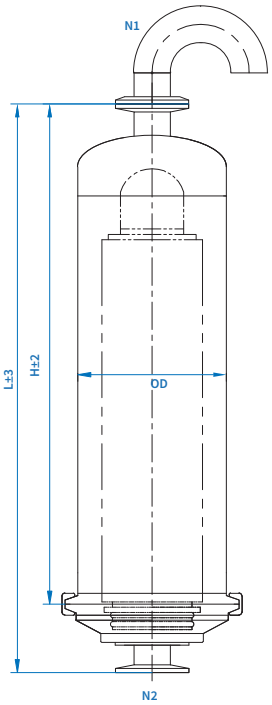
Dimensions(mm)

Size	H	L	OD
5"	210	260	101.6
10"	340	390	
20"	590	640	
30"	840	890	
40"	1090	1140	



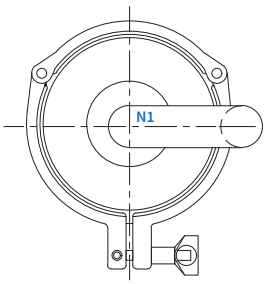


Type A



Type B

Size	H	L	OD
5"	188	238	101.6
10"	318	368	
20"	568	618	
30"	818	868	
40"	1068	1118	



Ordering Information

e.g.EAPK0105ET25SEM

	Type	Connection	Material	Number Round	Length	Inlet & Outlet	Seal Material	Surface Finish (internal)	Surface Finish (external)
E	A	P	K	01	05	T25	S	E	M
	A Standard B With Top elbow	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''	E EPDM S Silicone 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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