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The SN-AL cartridge filter housings are completely made of stainless steel 1.4404 and designed for the highest purity requirements in the pharmaceutical, cosmetical, beverage and electronics industries. The housings have a polished surface and do not have any „dead“ corners or edges. They can be steam sterilized or chemically disinfected together with the filter elements.

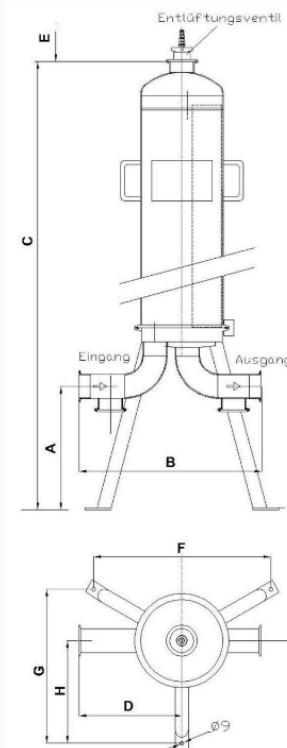
The housings are available in numerous variants, in order to meet the respective application. 1, 3, 5, 8, 12, 18, 24 or even 30 membrane elements of 10“-40“ length can be installed.

Housings for 1, 3, 5 or 8 elements are closed with a clamp.  
Bigger housings (may contain 12 or more elements), were closed with clamp screws.

All housings are equipped with a leg module and vent valves as standard (drain valves are available at extra charge).

## Dimensions

Type	A	B	C	D	E	F	G	H
SN-AL-1-10-C7-1“TC	380	270	790	155	335	340	325	210
SN-AL-1-20-C7-1“TC	380	270	1040	155	580	340	325	210
SN-AL-1-30-C7-1“TC	380	270	1290	155	830	340	325	210
SN-AL-1-40-C7-1“TC	380	270	1540	155	1080	340	325	210
SN-AL-3-20-C7-1,5“TC	345	385	1065	225	600	360	330	216
SN-AL-3-30-C7-1,5“TC	345	385	1315	225	850	360	330	216
SN-AL-3-40-C7-1,5“TC	345	385	1565	225	1100	360	330	216
SN-AL-5-20-C7-1,5“TC	345	405	1075	245	610	415	360	240
SN-AL-5-30-C7-1,5“TC	345	405	1325	245	860	415	360	240
SN-AL-5-40-C7-1,5“TC	345	405	1575	245	1110	415	360	240
SN-AL-8-30-C7-1,5“TC	345	430	1345	270	880	490	430	305
SN-AL-8-40-C7-3“TC	355	605	1595	350	1030	510	450	315
...								
SN-AL-30-40-C7-4“TC	360	745	1810	305	1170	555	555	280



## Technical data

Material:	Stainless steel 1.4404
Surface:	Inside: polished Ra<0,8 µm (Ra<0,4 µm on demand) Outside: polished
Working pressure:	0 to +10 barg (at 40°C)
Working temperature:	+5 to +95°C (at 4 barg)
In-/ outlet:	Tri-Clamp according ASME BPE (JIS/ISO on demand) Milk coupling according DIN 11851 (Male part) Welding end according ASME BPE Flange according DIN EN 1092-1 or 11864-2 (on demand)
Drain:	1 1/2“ Tri-Clamp ASME BPE*
Vent:	1 1/2“ Tri-Clamp ASME BPE
Flow rate:	up to 160 m <sup>3</sup> /h**
Steam sterilization:	max. 150°C
Adapter:	Code 7 (Standard), Code 3, Code 8, Code 28 on demand
Gasket:	Silicone (Standard), EPDM, Viton (others on demand)
Manufactured acc. to the pressure equipment directive (2014/68/EU)	
* 1“ when In-/ outlet 1“	
** Depending on the connections and the micron rating of the filter	



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## Order information

SN- AL-

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Number of elements		Element length		Adapter		Connection_Dimension	Connection_According
1		05	5"	C7	Code 7 (Bajonett)	1", 1,5", 2", 2,5", 3", 4"	TC (Tri-Clamp) according ASME AE (welding end) according ASME
3		10	10"				
5		20	20"				
8		30	30"				
12		40	40"				
18							
24							
30							
						DN25, DN32, DN40, DN50, DN65, DN80, DN100, DN125, DN150	MR (Milk coupling) according DIN 11851 FL (Flange) according DIN EN 1092-1 FN (Flange) according DIN 11864-2

Order example: SN-AL-1-20-C7-1"TC

Note:

Not all combinations possible!