



InterSan

ASH - Sanitary Filter Housings

Sanitary Filter Housings

- High quality crevice free construction
- Steam sterilisable
- Sanitary process, vent & drain connections
- Band clamp or Rathmann style screw clamp (used on 12, 18, 24 & 30 round vessels) body closure as standard for additional security
- Wide range of industry standard connections

A broad range of single and multi-element filter housings designed for sanitary, pharmaceutical, biological, biotechnological and beverage applications, manufactured in 316L stainless steel with a crevice free design. Designed for hot water and chemical sanitisation and steam sterilisation. Suited for use with filter cartridges ranging from clarification to sterilising grade membranes.

INTERNORMENs' custom design service is available for design and fabrication of housings to meet all your process requirements.



Product Specifications

Housing 316L stainless steel
Seals Silicone (other materials optional)
Surface Finish Internal: Mechanically polished <0.8 µm Ra
 External: Mechanically polished

Max. Working Pressure PS

1-8 Round: 10 bar (145 psi) at 40°C (104°F)
 12 Round: 9 bar (130.5 psi) at 40°C (104°F)
 18-30 Round: 8 bar (116 psi) at 40°C (104°F)

Max. Working Temperature TS

1-8 Round: 150°C (302°F) at 7.5 bar (108.8 psi)
 12 Round: 150°C (302°F) at 7.0 bar (101.5 psi)
 18-30 Round: 150°C (302°F) at 6.2 bar (89.9 psi)

Steam Sterilisation refer to *INTERNORMEN* for individual housing parameters

Ordering Information (universal ordering code, not all options are available)

ASH	N° of cartridges	Nominal Length Code	inch	Connection Code	inch	DN	Connection Code	Type	Vent / Drain Code	Conn. Type	Seals
	1 = 1 round	1	= 10"	A = 1"	25		C = Tri-clamp		N = None		1 = Silicone
	3 = 3 round	2	= 20"	B = 1.5"	40		M = DIN 11851 (Male)		C = Tri-clamp		
	5 = 5 round	3	= 30"	C = 2"	50		F = Flange				
	8 = 8 round	4	= 40"	D = 2.5"	65		W = Weld				
	12 = 12 round			E = 3"	80						
	18 = 18 round			G = 4"	100						
	24 = 24 round										
	30 = 30 round										

Design Code - Housings designed in accordance with the European Council Pressure Equipment Directive (PED)97/23/EC.