



## 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		S = 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.