



# HSI Filter Housing

- in-line sanitary liquid

- In-line sanitary liquid housing
- High quality crevice free construction
- Sanitary body closure as standard



## Specification

### Materials of Construction

- Housing: 316L Stainless Steel
- Seals: Silicone FDA

### Surface Finish

- Internal: Polished 0.4 µm Ra
- External: Polished 0.25 µm Ra

All finishes pickled & passivated.

### Welding

All assembly welds are full penetration. All welds are crevice and undercut free.

Weld finish & detail drawings available upon request.

### Certification

Supplied as standard with vessel inspection certificate.

### Material Test Certification

EN10204 3.1 supplied upon request.

### Design Code

Housings designed in accordance with the European Council Pressure Equipment Directive (PED) 97/23/EC and the UK statutory Pressure Equipment Regulations (PER) 1999 N° 2001.

PED / PER conformity assessments based on Fluid Group 2 Gas (harmless) including steam. Only housings over PS.V 50 bar / litres bear the CE mark.

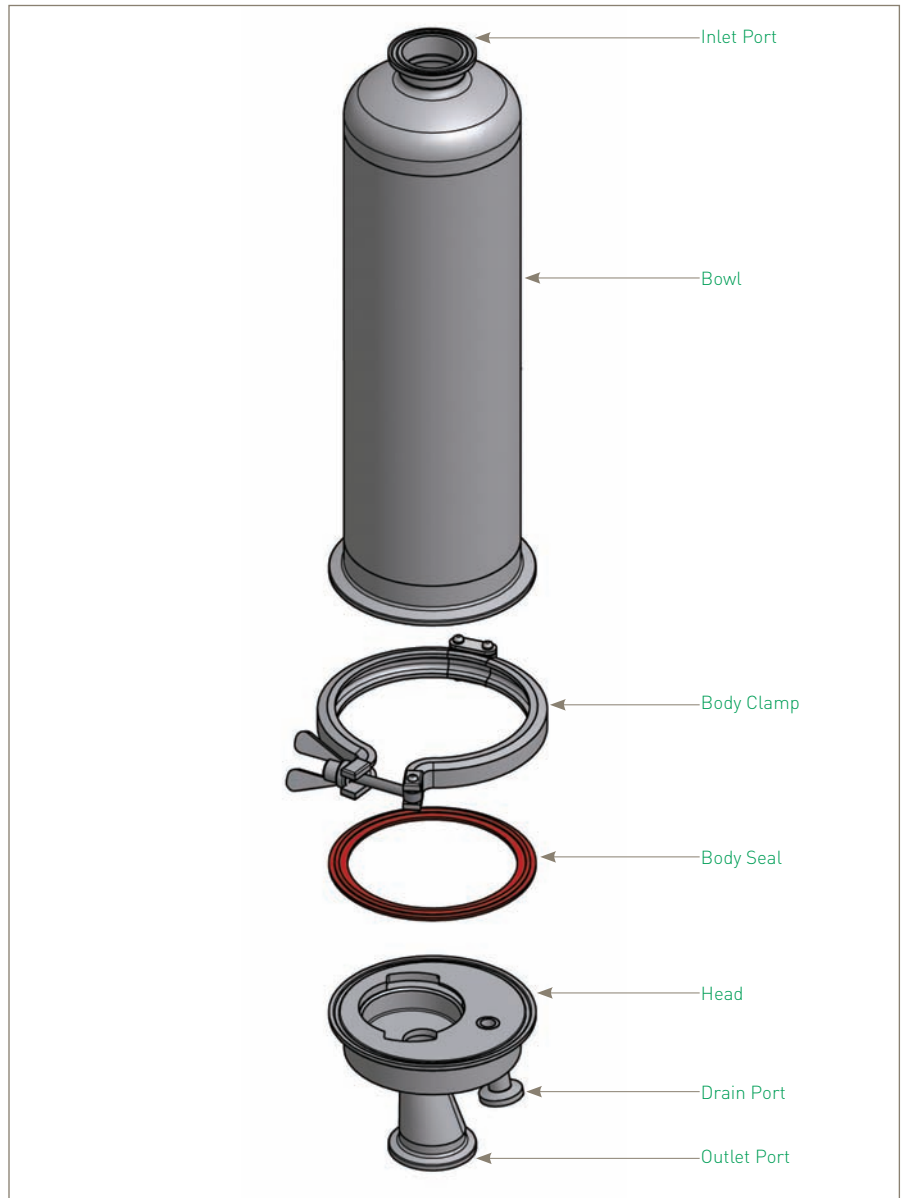
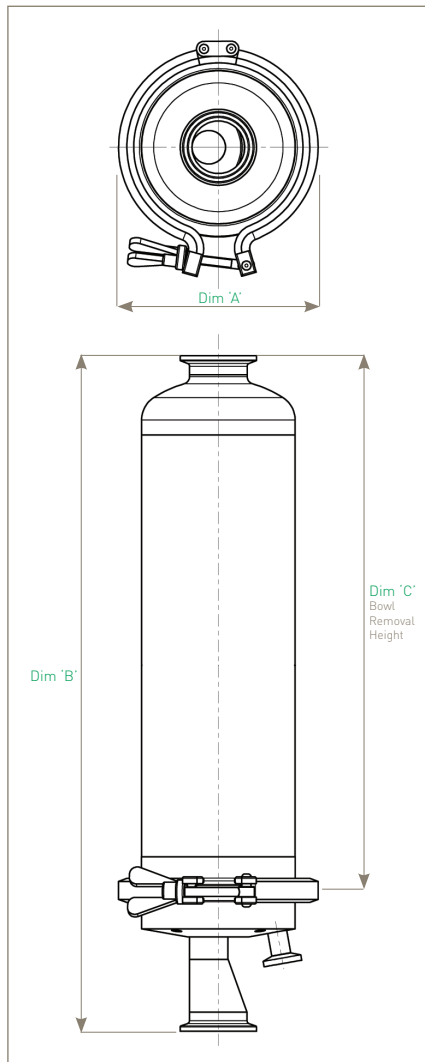
### Design Basis

ASME VIII Division 1.

Working Condition PED 97/23/EC			Maximum Pressure		
Fluid Group	State	Temperature	011	012	013
Non Dangerous	Liquid / Gas	150 °C (302 °F)	10.00 barg (145.03 psig)	10.00 barg (145.03 psig)	10.00 barg (145.03 psig)
Dangerous	Liquid / Gas	150 °C (302 °F)	5.00 barg (72.51 psig)	5.00 barg (72.51 psig)	5.00 barg (72.51 psig)
PED Conformity Assessment Category			SEP	SEP	CAT I
Volume (litres)			2.8	4.7	6.6

## Physical Characteristics

Bowl Height	Dimensions (mm)			Weight (Kg)		
	'A'	'B'	'C'	Bowl	Head	Total
10" (250 mm)	132	449	313	1.0	1.5	3.6
20" (500 mm)	132	699	561	1.6	1.5	4.6
30" (750 mm)	132	944	809	2.6	1.5	5.6



## Ordering Information

HSI  01   -  -

Code   Vessel Class	Code   Length (Nominal)	Code   Connection Size	Code   Standard	Code   Cartridge	Code   Seal
CE Standard	1 10" (250 mm) 2 20" (500 mm) 3 30" (750 mm)	Y 1 1/2" (38.1 mm)	T Tri-Clamp	C 226	S Silicone

Note: For accessories, i.e. gauges, please contact Parker domnick hunter - Process Division for full availability.

For additional features, Parker domnick hunter offer this housing as part of its Standard PLUS Range. Please see HSI® datasheet for more information.

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