

HSA Filter Housing

- sanitary air / gas

- Flow efficient sanitary range of air / gas housings
- Designed specifically for the food and beverage industry
- Sanitary vent, tri-clamp and drain connections as standard
- Sanitary tri-clamp 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

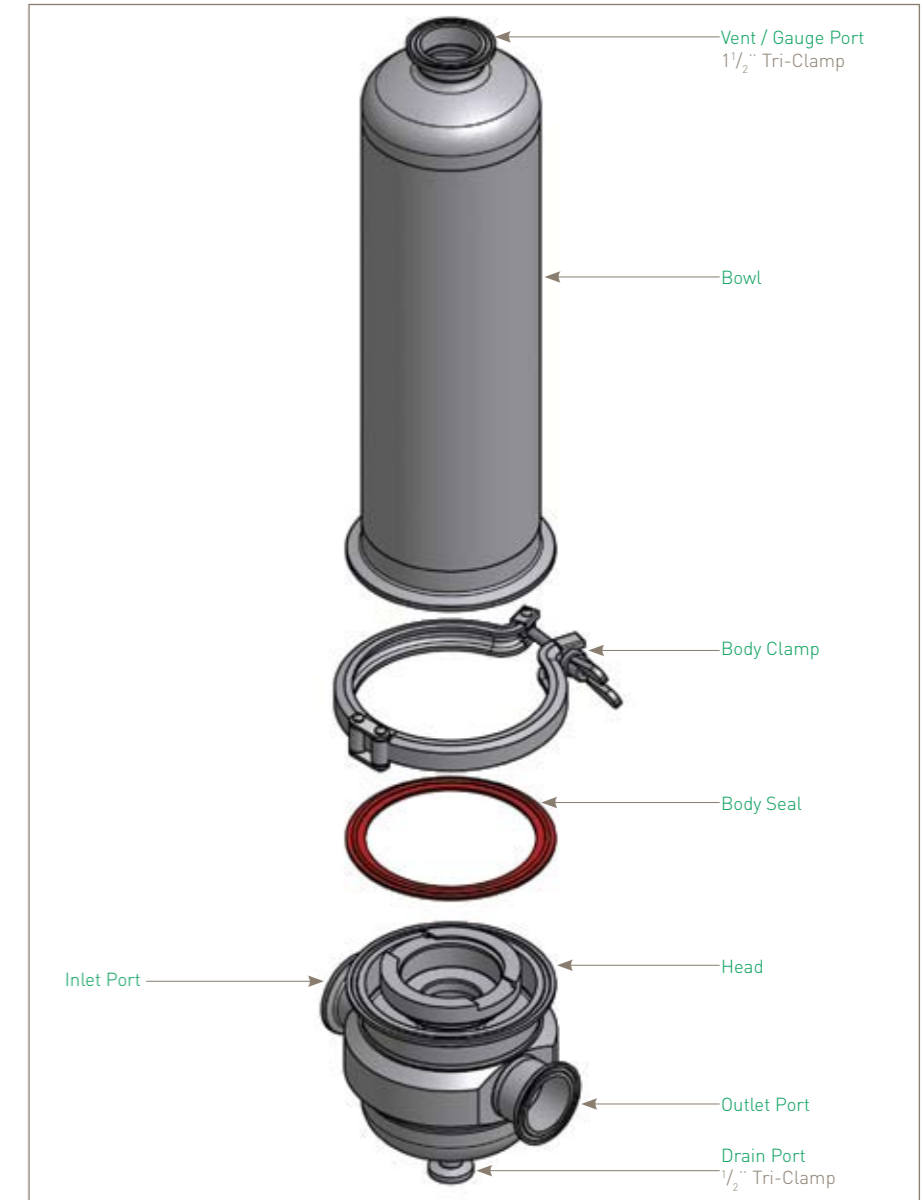
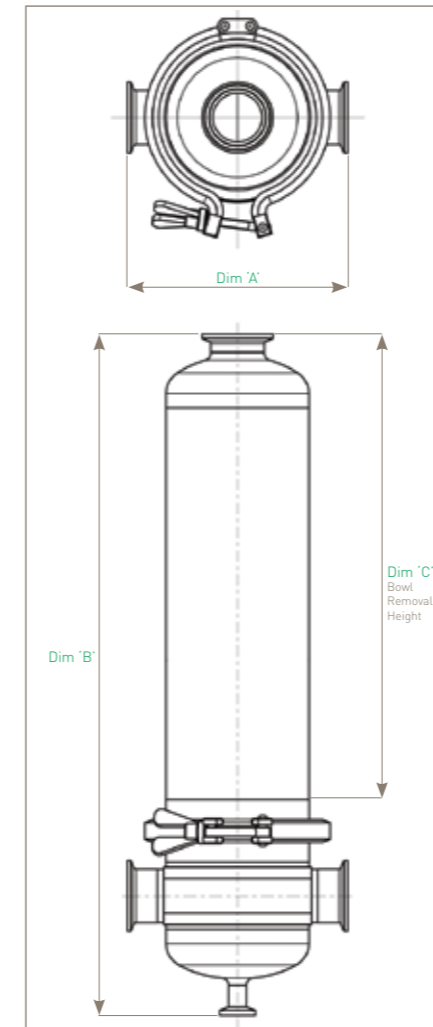
ASME VIII Division 1.

Working Condition PED 97/23/EC			Maximum Pressure		
Fluid Group	State	Temperature	01K	011	012
Non Dangerous	Gas / Vapour	150 °C [302 °F]	10.00 barg [145.03 psig]	10.00 barg [145.03 psig]	10.00 barg [145.03 psig]
Dangerous	Gas / Vapour	150 °C [302 °F]	8.00 barg [116.03 psig]	8.00 barg [116.03 psig]	8.00 barg [116.03 psig]
PED Conformity Assessment Category			SEP	SEP	SEP
Volume (litres)			1.9	3.1	5.0

Physical Characteristics

Bowl Height	Dimensions (mm)			Weight (Kg)		
	'A'	'B'	'C'	Bowl	Head	Total
5" (125 mm)	157	337	194	1.0	3.5	5.1
10" (250 mm)	157	487	313	1.6	3.5	5.7
20" (500 mm)	157	737	561	2.6	3.5	6.7

Dimensions are based on illustration shown (HSACE011YT-C-S). For accurate dimensions, please contact Parker domnick hunter.



Ordering Information

HSA 01 - -

Code	Vessel Class	Code	Length (Nominal)	Code	Connection Size	Code	Standard	Code	Cartridge	Code	Seal
CE	Standard	K	5" (125 mm)	Y	1 1/2" (38.1 mm)	T	Tri-Clamp	C	226	S	Silicone
		1	10" (250 mm)								
		2	20" (500 mm)								

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 HSA® datasheet for more information.

