



HSV Filter Housing

- vent applications

- Vent housings
- Direct connection to tank boss allows housing to be self-supportive
- Corrosion resistant 316L stainless steel
- Easy assembly and maintenance



Specification

Materials of Construction

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

Surface Finish

- Internal: Polished 0.8 μm Ra
- External: As welded

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.

Recommended Operation

Guidelines Sizing

Sizing vent vessels particularly for vacuum sensitive tanks can require specialist advice. It is important that VENT housings are sized on maximum gas flow capacity under actual operation conditions.

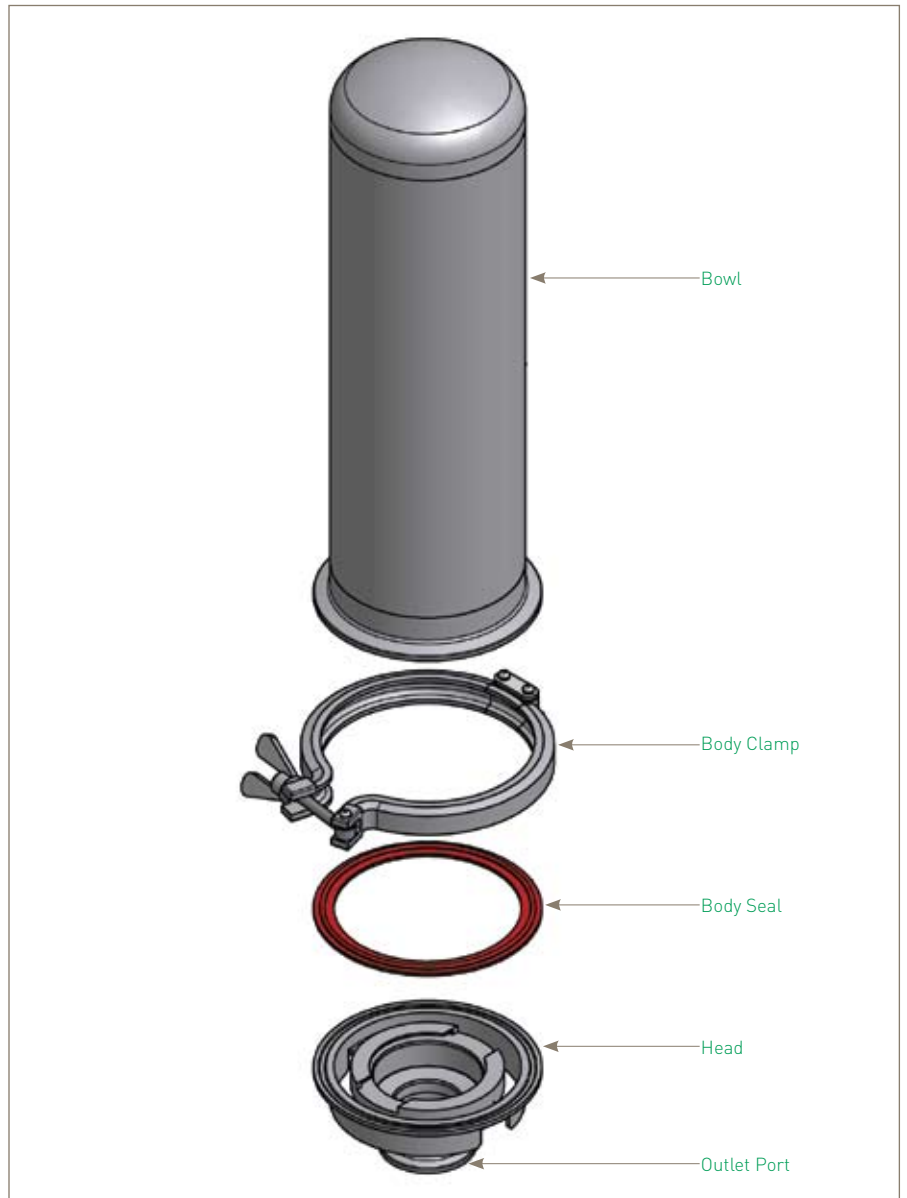
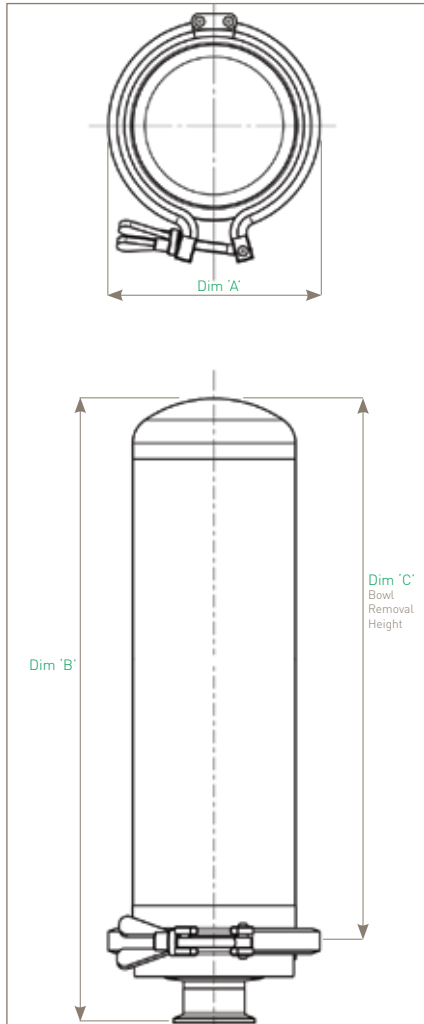
Vacuum Protection

Where a tank is vacuum sensitive, there is a risk of tank collapse. In such cases the fitting of an appropriately rated bursting disc (or similar) and, if necessary a pressure relief valve, is highly recommended.

Physical Characteristics

Bowl Height	Dimensions (mm)			Weight (Kg)		
	'A'	'B'	'C'	Bowl	Head	Total
5" (125 mm)	132	242	194	0.9	0.7	2.2
10" (250 mm)	132	392	313	1.5	0.7	2.8
20" (500 mm)	132	642	561	2.5	0.7	3.8

Dimensions are based on illustration shown (HSV011YT-C-S).
For accurate dimensions, please contact Parker dominick hunter.



Ordering Information

HSV 01 - -

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

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

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

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