HSV⊕ Filter Housing

- industrial vent

- Industrial vent housings
- Available in Atex version
- Beverage, pharmaceutical and industrial surface finishes available
- Available in various connection types

Specification

Materials of Construction

- Housing: 316L Stainless Steel
- Seals: EPDM FDA
  PTFE FDA
  Silicone FDA
  Viton FDA

Note: Seal used only to position bowl clamp arrangement.

Surface Finish

- Industrial Finish
  Internal: As Welded
  Pickled & Passivated
  External: Polished 0.8 µm Ra
- Beverage Finish
  Internal: Polished 0.4 µm Ra
  External: Polished 0.25 µm Ra
- Pharmaceutical Finish
  Internal: Polished 0.4 µm Ra and Electropolished
  External: Polished 0.25 µm Ra

Welding

All assembly welds are full penetration.
All welds are crevice and undercut free.
Weld finish & detail drawings available upon request.

Design Basis

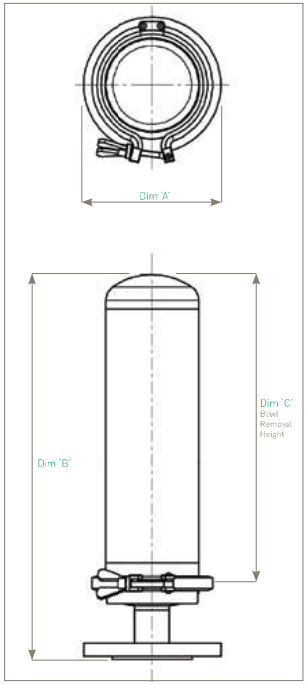
ATEX 94/9/EC *(where applicable)*

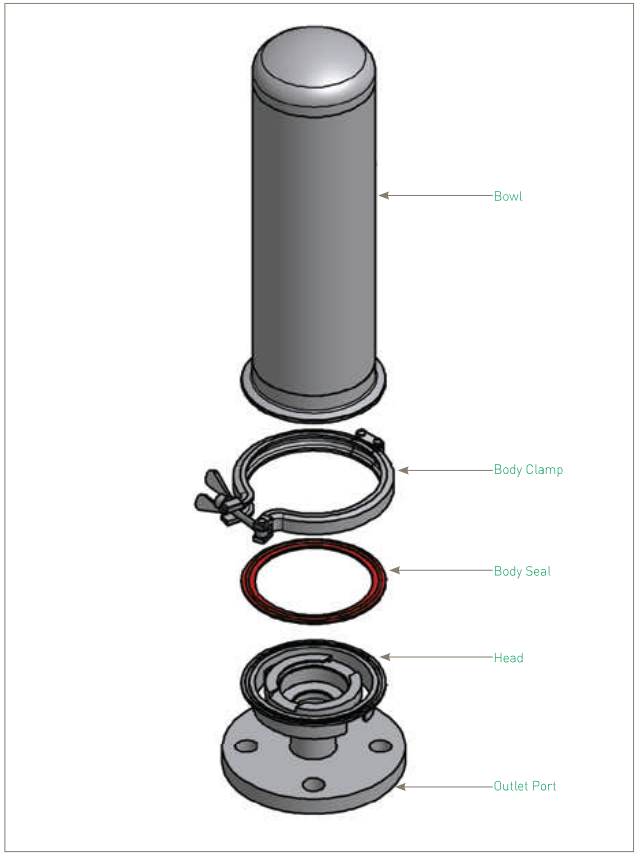
Working Condition PED 97/23/EC			Volume (litres)				
Variant	State	Temperature	01K	011	012	013	014
Standard	Gas / Vapour	150 °C (302 °F)	1.6	2.8	4.7	6.6	8.5
ATEX	Gas / Vapour	135 °C (275 °F)	1.6	2.8	4.7	6.6	8.5

Physical Characteristics

Bowl Height	Dimensions (mm) 'A'	'B'	'C'	Typical Weight (Kg) Bowl	Head	Total
5" (125 mm)	132	274	194	0.9	2.6	4.0
10" (250 mm)	132	424	313	1.5	2.6	4.6
20" (500 mm)	132	674	561	2.5	2.6	5.6
30" (750 mm)	132	919	809	3.5	2.6	6.6
40" (1000 mm)	132	1169	1057	4.5	2.6	7.6

Dimensions shown are for a vessel with 1½" BS4504 DIN 2633 outlet port. For other formats, please contact Parker domnick hunter.





Ordering Information

HSV ☐ 01 ☐ ☐ ☐ ☐ ☐ - ☐ - ☐

Code	Vessel Class
DH	Standard
AT	ATEX

Code	Length (Nominal)
K	5" (125 mm)
1	10" (250 mm)
2	20" (500 mm)
3	30" (750 mm)
4	40" (1000 mm)

Code	Connection Size
C	2" (50.8 mm)
Y	1½" (38.1 mm)

Code	Standard
B	BSPP (F)
D	DIN11851(M)
F	ANSI RF150
L	BS4504
	DIN2633
N	NPT (F)
T	Tri-Clamp
W	BS / ISO Pipe

Code	Cartridge
C	226

Code	Seal
E	EPDM
P	PTFE
S	Silicone
V	Viton

Code	Surface Finish	Internal	External
B	Beverage	0.4 µm	0.25 µm
I	Industrial	As Welded	0.8 µm
P	Pharmaceutical	0.4 µm EP	0.25 µm

Code	Tagged
T	Yes
X	No

For Tagged Options customer identification numbers required at time of ordering