

# HSVLP Filter Housings

- L configuration vent

- Sanitary vent housing - L Port configuration
- Tri-Clamp or weld end connection
- Standard, sanitary and sanitary electropolished surface finishes available
- Wide range of vents and drains
- Choice of gasket and seal materials

*(PLUS product only - No STANDARD range)*



## Specification

### Materials of Construction

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

*Note: Seal used only to position bowl clamp arrangement.*

- Clamps: 304 Stainless Steel

### Surface Finish

- Standard Finish
  - Internal: As Welded
  - External: Polished 0.8 µm Ra (32 µln Ra)
- Sanitary Finish
  - Internal: Polished 0.4 µm Ra (16 µln Ra)
  - External: Polished 0.25 µm Ra (10 µln Ra)
- Sanitary Electropolished Finish
  - Internal: Polished 0.4 µm Ra (16 µln Ra) and Electropolished
  - External: Polished 0.25 µm Ra (10 µln Ra)

### Welding

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

*Weld finish & detail drawings available upon request.*

### Directives

Housings designed in accordance with the European Council Pressure Equipment Directive (PED).

### Design Basis

ASME VIII Division 1.

### Approvals

EAC 010-2011, (No. TC N RU D-GB. AИ01.B.00511)

Approval type: Import Certificate, TR CU Pressure Equipment (available on request)



### Certification

Supplied as standard with vessel inspection certificate.

### Material Test Certificate

EN 10204 3.1 supplied on request

Working Condition PED			Maximum Pressure				
Fluid Group	State	Temperature	01K	011	012	013	014
Non Dangerous	Gas / Vapour	150 °C (302 °F)	10 barg (145 psig)	10 barg (145 psig)	10 barg (145 psig)	10 barg (145.03 psig)	10 barg (145 psig)
Dangerous			5 barg (72.5 psig)	5 barg (72.5 psig)	5 barg (72.5 psig)	5 barg (72.5 psig)	5 barg (72.5 psig)
Volume (litres)			1.7	2.9	4.8	6.7	8.6
PED Conformity Assessment Category			SEP	SEP	SEP	CAT I	CAT I

Note: All housings are full vacuum rated.



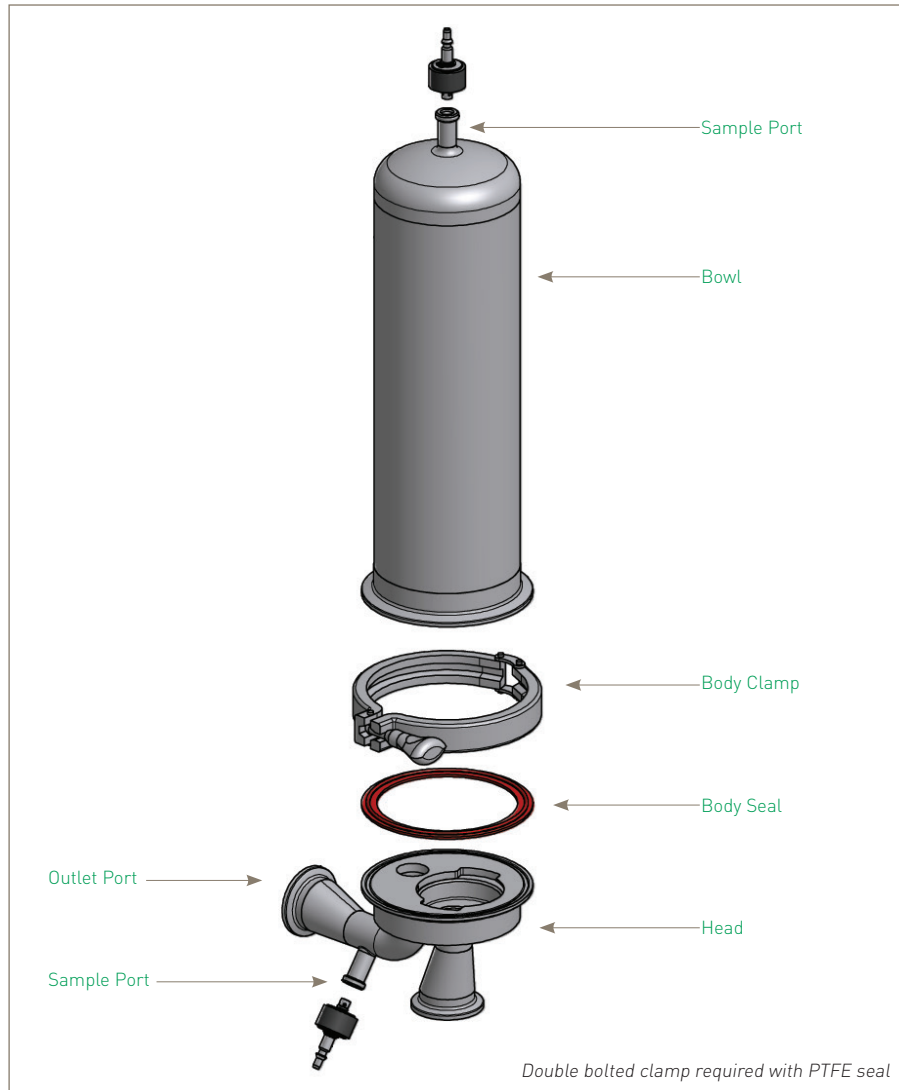
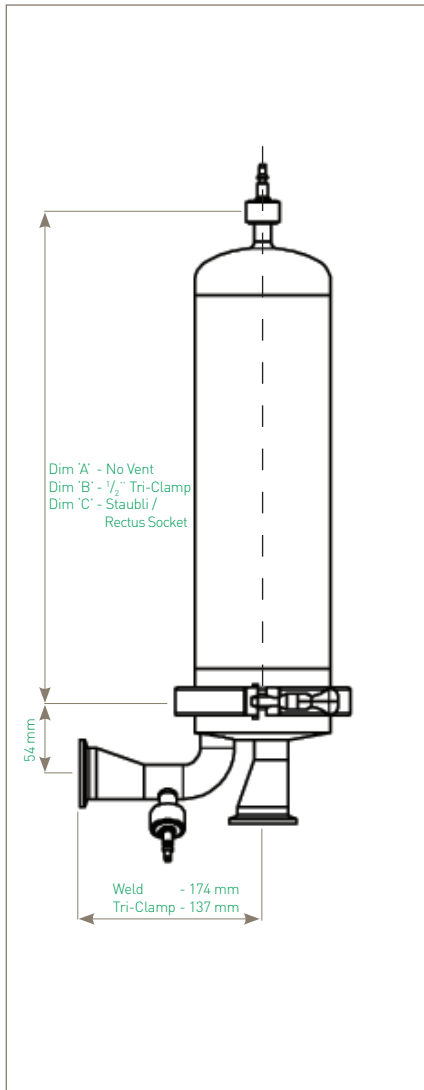
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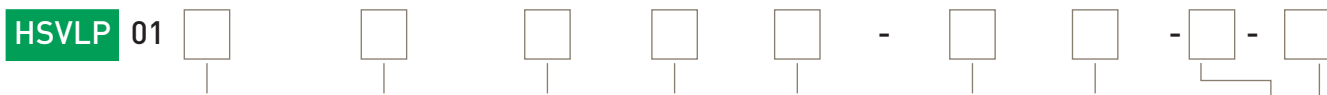
## Physical Characteristics

Bowl Height	Dimensions [mm]			Typical Weight
	'A'	'B'	'C'	
125 mm [5"]	190 mm [7.5"]	213 mm [8.4"]	216 mm [8.5"]	3.3 Kg [7.3 lbs]
250 mm [10"]	340 mm [13.4"]	363 mm [14.3"]	366 mm [14.4"]	3.9 Kg [8.6 lbs]
500 mm [20"]	590 mm [23.2"]	613 mm [24.1"]	616 mm [24.3"]	4.9 Kg [10.8 lbs]
750 mm [30"]	835 mm [32.9"]	858 mm [33.8"]	861 mm [33.9"]	5.9 Kg [13.0 lbs]
1000 mm [40"]	1085 mm [42.7"]	1108 mm [43.6"]	1111 mm [53.7"]	6.9 Kg [15.2 lbs]

Dimensions shown are based on the STANDARD range. For accurate dimensions, please contact Parker domnick hunter.



## Ordering Information



Code	Length [Nominal]	Code	Connection Size	Code	Standard	Code	Cartridge	Code	Seal	Code	Vent	Code	Drain
K	5" [125 mm]	Y	1 1/2" [38.1 mm]	T	Tri-Clamp®	C	226	E	EPDM	H	1 1/2" & Tri-Clamp®	H	Hosebarb Inlet
1	10" [250 mm]			W	38.1x1.6mm Weld end			P*	PTFE		Hosebarb	R	Rectus® 21 Inlet
2	20" [500 mm]							S	Silicone	R	1 1/2" Tri-Clamp® & Rectus® 21	S	Stäubli™ RBE03
3	30" [750 mm]							V	Viton™ / FKM	S	Stäubli™ RBE03	T	1/2" Tri-Clamp® Inlet
4	40" [1000 mm]									T	Vertical	X	No Drain
										X	1 1/2" Tri-Clamp® Only No Vent		

\*Double bolted clamp must be used with PTFE seal

Code	Surface Finish	Internal	External
B	Sanitary	0.4 µm	0.25 µm
I	Standard	As Welded	0.8 µm
P	Sanitary Electropolished	0.4 µm EP	0.25 µm

For Tagged Options customer identification numbers required at time of ordering

Code	Tagged
T	Yes
X	No

Viton™ is a registered trademark of DuPont Performance Elastomers L.L.C.

Tri-Clamp® is a registered trademark of Alfa-Laval, Inc.

Note: All Tri-Clamp® Connections conform to BS4825 Pt.3

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