VIL Multi Filter Housing

- industrial multi liquid

- Multi-element industrial liquid housing
- Laboratory and pilot scale to large industrial applications
- Flow efficient design with low pressure drop



Specification

Materials of Construction

- Housing: 316L Stainless Steel
- Seals: EPDM

Surface Finish

- Internal / External:
  - DOE Economy: As fabricated then pickled to remove weld discolouration
  - DOE Standard: As fabricated then electropolished
  - P-7 (226) o-ring: As fabricated then electropolished

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.

Design Basis

ASME VIII Division 1.

Custom Design

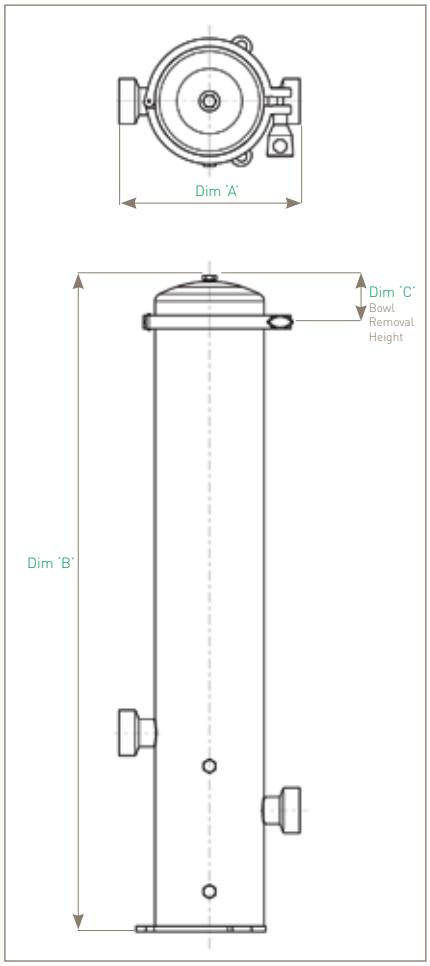
Parker domnick hunter offers a specialist and fabrication service allowing individual customer system specifications to be met.

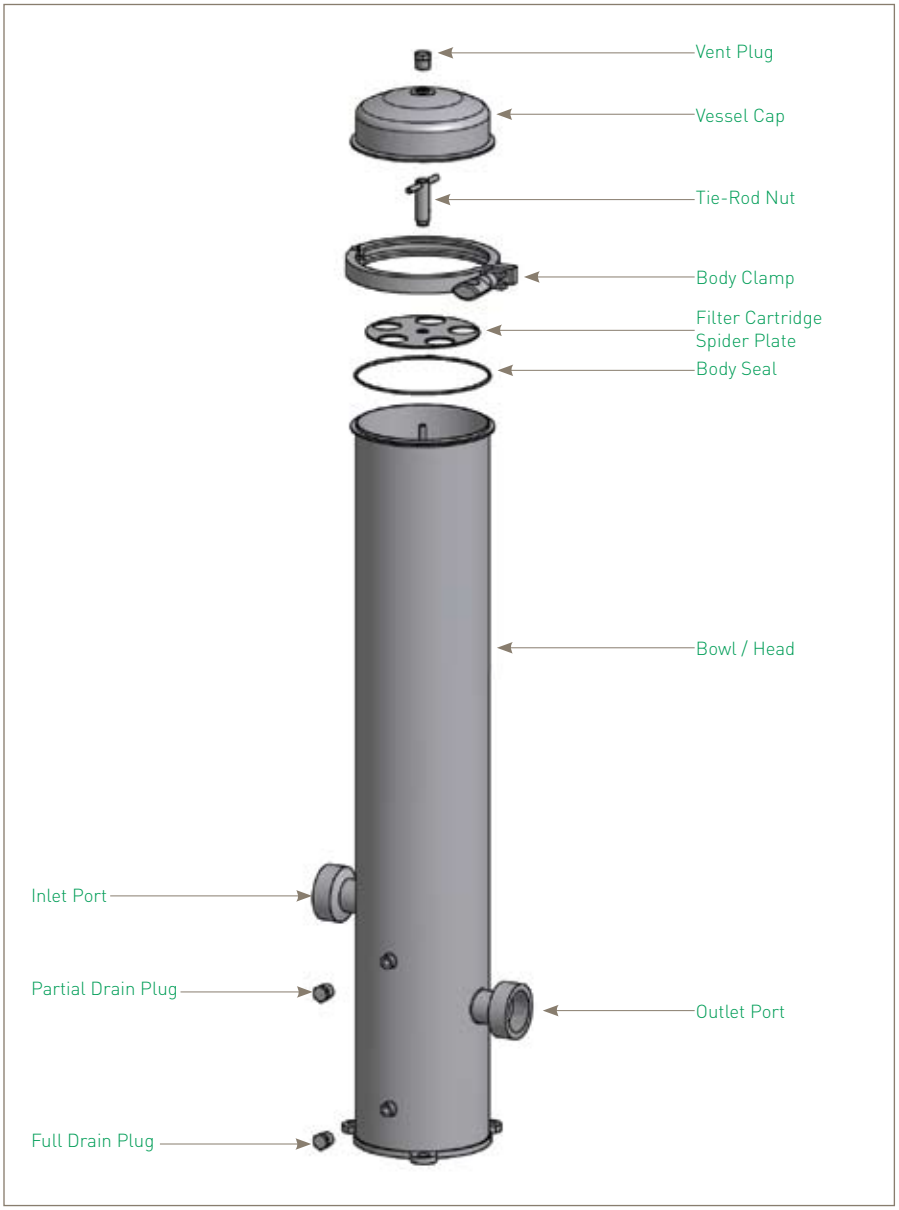
Working Condition PED 97/23/EC			Maximum Pressure				
Fluid Group	State	Temperature	3 / 5 Round	8 Round	12 Round		
Non Dangerous	Liquids	80 °C (176 °F)	10.00 barg (145.00 psig)	8.50 barg (123.00 psig)	6.00 barg (87.00 psig)		
PED Conformity Assessment Category			SEP	SEP	SEP		
Volume (litres)			031	032	033		
			14.0	19.0	24.0		
			051	052	053	054	
			20.0	28.0	36.0	44.0	
			082	083	084		
			70.0	87.0	104.0		
			122	123	124		
			98.0	122.0	146.0		

Physical Characteristics

Type	Dimensions (mm) 'A'	'B'	'C'	Typical Weight (Kg)
10" (250 mm)	222	720	70	14.0
20" (500 mm)	222	970	70	16.0
30" (750 mm)	222	1220	70	18.0
40" (1000 mm)	222	1470	70	20.0

Dimensions shown are for a 3 Round VIL, 2" BSPP inlet / outlet connections. For the full range of dimensions and weights, please contact Parker domnick hunter.





Ordering Information

VIL [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Code | Vessel Class	
CE	Standard

Code | N° of Cartridges	
03	3
05	5
08	8
12	12

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

Code | Connection Size	
C	2"
D	3"
E	4"

Code | Connection Type	
B	BSPP Female
F	Flanged
N	NPT Female

Code | Connection Style	
B	DOE
C	P-7

Code | Seals	
E	EPDM
P***	PTFE
S	Silicone
V	Viton

Code | Surface Finish	
E	Electropolished
P**	Pickled

Code | Flange Type*	
15	ANSI cl. 150
45	BS4504

Code | Cartridge Length (dh standard)	
S	Slimline L 10", 20", 30", 40"

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

*Note: * Only applicable for housings with flange connection type*
*** Pickled finish option only available for DOE housings*
**** PTFE seal option requires flanged closure*

Parker domnick hunter has a continuous policy of product development and although the Company reserves the right to change specifications, it attempts to keep customers informed of any alterations. This publication is for general information only and customers are requested to contact our Process Filtration Sales Department for detailed information and advice on a products suitability for specific applications. All products are sold subject to the company's Standard conditions of sale.

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