Colly Filter

Food & Beverage



VHP Series

FILTER HOUSINGS
SANITARY LIQUID FILTRATION

APPLICATIONS

Wine
Beer
Bottled Water
Soft Drinks



FEATURES AND BENEFITS

Easy handling sanitary T-Style housing, available from 1 to 36 cartridges from 10” to 40”, designed in stainless steel AISI 316 L for Food&Beverage applications. Working conditions: 10bar (145psi) @40°C (104°F)

- Full range from 1 to 36 cartridges, from 10” to 40”, with different connections;
- **Suitable for CIP, Cleaning in Place, condition with dangerous fluids**
- **Sanitary crevice free hygienic design and mechanical polished surfaces guarantee enhanced cleanability**
- 316L, 1.4404, Stainless Steel and automatic welding ensure corrosion resistance and durability
- **Food grade compliance (CE 1935/2004)**
- Wide choice of **FDA** and **USP Class VI** Gasket Materials
- Materials full traceability
- Designed according to EN13445
- ATmosphere EXplosive, **ATEX**, Compliance
- Vast range of **certificates** available upon request (Material Certificate, Roughness, FDA, etc.)
- Proprietary closure systems simplify operations
- Customizable with optional accessories and features, special I/O connections, etc
- User-manual, Report Test and Declaration of Conformity **always included**

SELECTION CRITERIA

CARTDRIGES NUMBERS	
01	1 CARTDRIGE
03	3 CARTDRIGES
05	5 CARTDRIGES
08	8 CARTDRIGES
12	12 CARTDRIGES
18	18 CARTDRIGES
24	24 CARTDRIGES
30	30 CARTDRIGES
36	36 CARTDRIGES

	CARTRIDGES HEIGHT	N° ROUNDS
1	10”	1-3
2	20”	1-3-5-8
3	30”	1-3-5-8-12-18-24-30-36
4	40”	1-3-5-8-12-18-24-30-36

GASKET MATERIAL	
S	SILICONE
E	EPDM

FINISHING	
M	MECHANICAL POLISHED

DRAIN	
0	NO DRAIN
2	CLAMP ASME BPE 1.5”

INTERNAL ROUGHNESS	
8	Ra<0.8 µm (32 µin)

SOCKET	
7	226 / CODE 7

VENT	
1	TC 1.5”

513	XX	X	7	X	X	1	M	8	XXXX

CONNECTIONS

	CLAMP ASME BPE	AVAILABLE FOR N°CARTRIDGES
T010	1”	1
T015	1.5”	1-3-5-8
T020	2”	5-8-12
T025	2.5”	12-18-24-30-36
T030	3”	12-18-24-30-36
T040	4”	18-24-30-36

	DIN 11851 MALE	AVAILABLE FOR N°CARTRIDGES
D025	DN 25	1
D040	DN 40	1-3-5
D050	DN 50	5-8-12
D065	DN 65	12-18-24-30-36
D080	DN 80	12-18-24-30-36
D100	DN 100	18-24-30-36

	BUTT WELD ASME BPE	AVAILABLE FOR N°CARTRIDGES
W025	Ø25,4 x 1,65	1
W038	Ø38,1 x 1,65	1-3-5
W051	Ø50,8 x 1,65	5-8-12
W063	Ø63,5 x 1,65	12-18-24-30-36
W076	Ø76,2 x 1,65	12-18-24-30-36
W101	Ø101,6 x 2,11	18-24-30-36

	NO BENDS	AVAILABLE FOR N°CARTRIDGES
0015	Conn. T015	3
0020	Conn. T020	5-8
0030	Conn. T030	12
0040	Conn. T040	18-24-30-36

SPECIFICATIONS

Materials of Constructions	AISI 316L / W.N. 1.4404
No. Of Cartridges	1-3-5-8-12-18-24-30-36
Cartridge Socket	226 CODE 7
In/Out Connections	Clamp ASME BPE, DIN 11851, Butt Weld, No bends
Drains and Vent	Clamp ASME BPE
Pressure (PS) min-max Temperature (TS) min-max	-1 ÷ 10 bar (-14.5 ÷ 145 psi) -20 ÷ 40°C (-4 ÷ 104 °F)
Pressure (PS) min-max Temperature (TS) min-max	-1 ÷ 4 bar (-14.5 ÷ 58 psi) -20 ÷ 150°C (-4° ÷ 302°F)
PED Category	ART 4.3, I CATEG., II CATEG and III CATEG
CIP conditions	Gr.1 - LIQ +0 +4 bar (+0 +58 psi) +10 +80°C (+50° +176°F)
External Surface	Mechenical Polished
Internal Surface	Fine Brushed: Ra<0.8m (Ra<32in)
ATEX Regulation	EU 1935/2004 Compliant
PED 2014/68/EU	Liquid and Gas, PED Fluid Group 2
Design Code	EN 13445
Housing and Gasket Materials	EU 1935/2004 - FDA - USP VI





Single Cartridge base-plate



5 Cartridges base-plate



18 Cartridges base-plate

ACCESSORIES

Full list of accessories and spare parts available on request.

VENT TC 1.5'' VALVE + CLAMP



VENT TC 1.5" SIGHT GLASS 2 SANITARY VALVES + CLMAP



VENT TC 1.5" SIGHT GLASS 2 BALL VALVES + CLAMP



BUTTERFLY VALVE TC + CLAMP



BALL VALVE TC 1.5" + CLAMP



SAMPLING TEST TC 1.5" + CLAMP



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