

72 SERIES

AMAZON

HYGIENIC SINGLE FILTER HOUSING



The **72 SERIES** Hygienic single cartridge housing is available for elements up to 30" long. The 'T' style configuration is ideally suited to small pilot scale or laboratory based processes for pressures up to 10 bar.g.

Base mounted, this free standing conventionally styled housing will suit processes where there is a need to allow easy access to all internal areas, therefore assisting in the general cleanliness of the process system in which the filter is to operate. Having no loose internal components ensures easy, fast sanitisations and clean down procedures.

The **72 SERIES** housing will accept the full range of Amazon Single Open End industry standard cartridges ranging from 0.03 to 40µm with nominal lengths of 10, 20 and 30".

Product Features:

- 'T' style construction with a high specification hygienic finish, electropolished inside and out
- Quick release Vee clamp closure for ease of access
- No loose internals for trouble free operation
- 4 different vent options
- PED and ATEX compliant
- CE Marked



72 SERIES FEATURES AND BENEFITS

- Standard single open end cartridge fitting, using Bayonet lock code 7 for forward and reverse flow
- 316L construction for maximum corrosion resistance
- Every housing is etched with a serial number for full traceability
- Wide range of options available for the connection size and style, cartridge lengths and materials of construction

TECHNICAL DATA

Operating Conditions

Maximum Pressure: Liquid: 10 bar.g
Gas: 6 bar.g
Maximum Temperature: 110°C

Materials of Construction

Body and Closure: 316L St. Steel
Clamp: 304 St. Steel

Finish

Vessel: 0.8Ra mechanically polished inside and out + final electropolish

Connections

Inlet/Outlet: 1" Tri Clamp

Model	Dimensions					Volume (Litres)	Dry Weight
	A	B	C	D	E		
720117VF10L1PS	505	93	-	195	350	2.6	4.6
720127VF10L1PS	760	93	-	195	600	4.6	6.4
720137VF10L1PS	1015	93	-	195	600	6.6	7.36

PED Status:

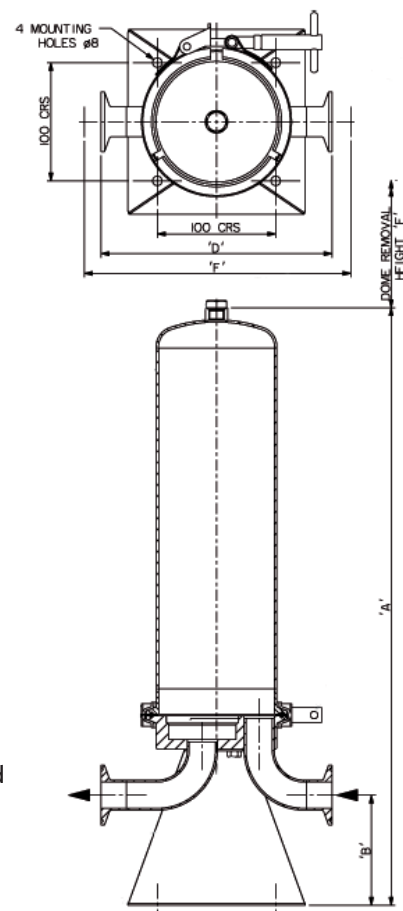
Compliant 97/23/EC
Gas Group 2
Liquids Group 1 + 2
Sound Engineering Practice
Group 1 liquids - Explosive
ATEX: Compliant 94/9/EC, level CE Ex II 2 GD c X

Marking:

Exceptions:

ATEX:

Technical drawings for each housing showing dimensions, volume and weights available on request.



ORDERING GUIDE

No OF STACKS	CARTRIDGE END CAP STYLE	VENT OPTIONS	CONNECTION TYPE	FINISH
01 - 1 Stack	7 - Code 7	F - ¼" BSPF vent G - ¼" Hygienic vent H - 1½" TC vent only, No Clamp/ blank J - 1½" TC with ¼" Hygienic vent, No Clamp / blank	L - Tri Clamp	P - 0.8 Ra internal polish + Electropolish
72				
CARTRIDGE LENGTH	CLOSURE STYLE	CONNECTION	MATERIALS	SEAL
0 - Single 5" 1 - Single 10" 2 - Double 20" 3 - Triple 30"	V - Pressed Vee Clamp (10 bar)	10 - 1"	1 - 316 st.st (L Grade)	S - Silicone T - PTFE Envelope V - Viton

Example: 720117VF10L1PS = 72 Series, 1 x 10" Code 7 cartridge, pressed vee clamp closure, ¼" BSPF vent, 1" Tri Clamp connections. St. Steel construction with 0.8Ra Internal polish + electropolish.

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