

72 SERIES IN-LINE

Hygienic Single Filter Housing



The **72 Series 'In-Line'** single cartridge housing is designed to be hygienic and to be used in the most critical of applications. The 'In-Line' configuration allows the housing to be incorporated easily into process pipelines. It is suitable for the filtration of both liquids and gases at pressures up to 10 bar g and temperatures up to 150°C. The housing is designed to have no loose internal components thus ensuring easy and fast sanitisation and cleaning 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

- 'In-line' style construction with a high specification hygienic electropolished finish
- Quick release Vee clamp closure for ease of access
- No loose internals for trouble free operation
- PED and ATEX compliant
- CE Marked



Features and Benefits

- 'In-Line' configuration allows easy incorporation into process pipelines
- Hygienic sanitary design for most critical applications
- 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

Product Range

Amazon Filters design and manufacture an extensive range of liquid filtration systems, providing one of the widest selections of filtration vessels, depth filters and pleated cartridges available today, ensuring excellent process and filter compatibility. As one of Europe's leading manufacturers of filtration systems, Amazon Filters is able to offer a solution to meet all filtration requirements. Amazons' filters are manufactured in clean room conditions and all products come with detailed Product Validation Guides and Technical Support documentation.



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72 Series In-Line Technical Data

Maximum Operating Conditions

Pressure Range: Liquid: FV / 10 bar g
 Gas Group 1: 10" & 20" - FV / 10 bar g
 30" - FV / 7 bar g
 Gas Group 2: 10", 20" & 30" - FV / 10 bar g
 Temperature Range: -10°C / 150°C

Materials of Construction

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

Finish

Vessel: 0.8µm Ra mechanically polish and final electropolish

Connections

Inlet/Outlet: 1½" Tri Clamp

Model	Dimensions					Volume (Litres)	Dry Weight
	A	B	C	D	E		
720117VM15L1PS	418	36	-	-	350	2.5	4.1
720127VM15L1PS	671	36	-	-	350	4.4	5.4
720137VM15L1PS	927	36	-	-	600	6.3	6.6

PED Status:

Compliant with 97/23/EC

Fluid Groups:

Gas Group 1 + 2
 Liquids Group 1 + 2

Marking:

CE

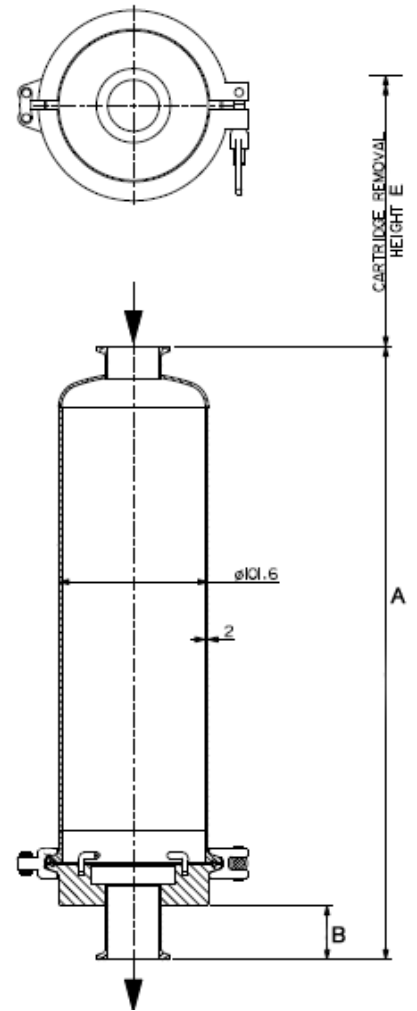
Exceptions:

Group 1 liquids - Explosive

ATEX:

Compliant 94/9/EC, level CE Ex II 2 GD c X

Technical drawings for each individual housing showing dimensions, volume, weights, maximum temperatures and design pressures available on request.



Ordering Guide

7201	1	7	V	M	15	L	1	P	S
No of Stacks	Cartridge Length	Cartridge End Cap Style	Closure Style	Mounting	Connection	Connection Type	Materials	Finish	Seal
7201 - 1	1 - Single 10" 2 - Double 20" 3 - Triple 30"	7 - Code 7	V - Vee Clamp	M - In Line	10 - 1" 15 - 1 ½" 20 - 2"	L - BS4825-3 Tri Clamp M - DIN11851 Coupling N - RJTM Coupling P - SMSM Coupling R - IDFM Coupling	1 - 316 st.st (L Grade)	P - 0.8Ra internal polish + Electropolish U - 0.4 Ra internal polish + Electropolish	S - Silicone V - Viton T - PTFE Envelope E - Ethylene Propylene

Example: 720117VM15L1PS = 72 Series, 1 x 10" Code 7 cartridge, vee clamp closure, In Line mounting, 1½" Tri Clamp connections. St Steel construction with 0.8 Ra finish internally with Electropolished dome.

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