

71 SERIES MULTI

Multi Cartridge Vent Filter Housing



The **71 Series** multi cartridge vent filter housing is designed for tank venting applications and is available for either 10", 20 or 30" long cartridges.

The single common inlet / outlet connection is suited for direct mounting on to most sealed storage vessels, whilst the quick release seal-less retaining hand wheels allows for rapid filter changeouts.

These housings are ideal where free movement of clean air is of prime importance, and are designed for use with the naturally hydrophobic **SupaPore TP** PTFE membrane cartridge.

The **71 Series** multi cartridge housing will accept the full range of Amazon Single Open End code 7 cartridges.

Product Features

- Crevice free construction with hygienic single polished inlet/outlet port
- Triple hand wheel closure for ease of access - no seal required
- Lightweight easy lift dome
- No loose internals for trouble free operation
- 3, 5, 8 and 11 stack options for high flow applications
- ATEX compliant



Features and Benefits

- Bayonet lock code 7 cartridge fitting as standard for forward and reverse flow
- 316L construction for maximum corrosion resistance
- Every housing is etched with a serial number for full traceability
- Optimised flow path ensuring the lowest pressure loss across the housing
- Wide range of options available for the connection size and style, cartridge lengths and materials of construction
- Full housing customisation service available

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. Amazon's filters are manufactured in clean room conditions and all products come with detailed Product Validation Guides and Technical Support documentation.



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71 Series Multi Technical Data

Maximum Operating Conditions

Temperature Range: -10 / 150°C

Materials of Construction

Body and Closure: 316L St. Steel

Handwheels: 304 St. Steel

Finish

Vessel: Base 0.8µm Ra (clean side) with electropolish
Dome internally pickled with external bright polish

Connections

Inlet/Outlet: See table below:

Model	Dimensions					Volume (Litres)	Dry Weight (kg)	Connection BS4825-3 T/C
	A	B	C	D	E			
71032	624	-	-	72	600	13.2	8.3	2.5"
71052	638	-	-	91	600	20.2	10.7	3"
71082	655	-	-	86	600	32.3	15.0	4"
71112	667	-	-	105	600	47.8	22.9	6"

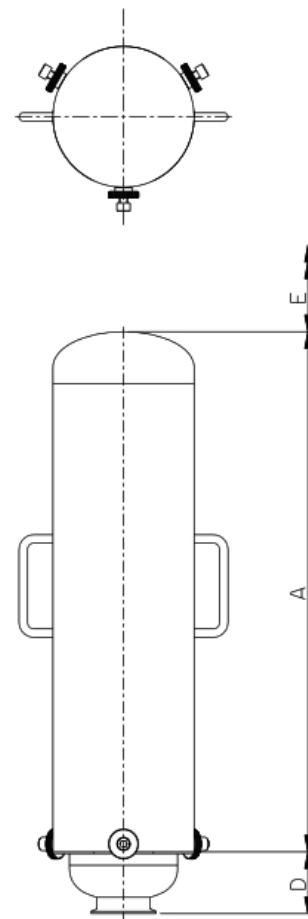
PED Status:

Not Applicable

ATEX:

Compliant with 2014/34/EU and
Explosive Atmosphere Regulations 2016
II 2G Ex h IIC T150 Gb
II 2D Ex h IIIC T150 Db

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



Ordering Guide

7103	1	7	Z	N	25	L	1	P	N	
No of Stacks	Cartridge Length	Cartridge End Cap Style	Closure Style	Options	Connection	Connection Type	Materials	Finish	Seal	Options
03 - 3 05 - 5 08 - 8 11 - 11	1 - Single 10" 2 - Double 20" 3 - Triple 30"	7 - Code 7	Z - Hand Wheels	N - None	25 - 2 1/2" 30 - 3" 40 - 4" 60 - 6"	C - BS4504 Flange PN16 H - ASME Flange 150# L - BS4825-3 Tri Clamp M - DIN11851 Male N - RJTM P - SMS M (Swedish) R - IDFM	1 - 316 st.st (L Grade)	P - 0.8Ra Clean Chamber + Electropolished	N - None	RA - Surface Finish Readings
Example: 7101317ZN25L1PN = 71 Series, 3 x 10" Code 7 cartridge, hand wheels closure, 2 1/2" Tri Clamp connections. St.Steel construction with 0.8Ra clean chamber + electropolished.										

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