

56 SERIES

Single Stack Filter Housing

The **56 Series** single cartridge housing is renowned for its high quality design and manufacture and accepts both standard Double Open End and Single Open End cartridges. The housing has a high security bolted closure and is particularly suitable for hazardous liquid and gas applications.

The **56 Series** will accept the full range of Amazon and industry standard cartridges ranging from 0.1 to 500µm with nominal lengths of 5, 10, 20 and 30".



Product Features

- High security bolted closure suitable for hazardous applications
- Dual purpose head accepts SOE code 3 and DOE cartridges
- SOE code 7 and code B adaptors available
- Offered with a wide range of connection sizes and types
- Available for a range of cartridge lengths
- PED and ATEX Compliant
- Full traceability on all parts, material certification packs available
- Rated at 10 bar g and full vacuum in liquids
- Rated at 9 bar g and full vacuum in gases
- Available in 316L stainless steel or Alloy 22 for maximum compatibility

Features and Benefits

- Bolted closure provides high security housing sealing
- Suitable for hazardous liquid and gas applications
- Full vacuum rating in liquids and gases
- Integral vent and drain sockets to aid efficient filter change-out complete with PTFE washer
- Unique interchangeable configuration enables choice of SOE or DOE cartridge styles in the same housing
- Every housing is etched with a serial number for full traceability
- 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. 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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56 Series Technical Data

Maximum Operating Conditions

Pressure Range:	Liquid:	FV / 10 bar g
	Gas Group 1:	FV / 10 bar g - 10" & 20" FV / 9 bar g - 30"
Temperature Range:	Gas Group 2:	FV / 10 bar g
		-10°C / 150°C

Materials of Construction

Body and Closure:	316L St.Steel
	Alloy 22

Finish

Vessel:	Mechanically finished sump, bead blasted head
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Connections

Inlet/Outlet:	1" BSPF
Vent:	1/4" BSPF with Plug
Drain:	1/4" BSPF with Plug

Model	Dimensions					Volume (Litres)	Dry Weight (kg)
	A	B	C	D	E		
10"	351	-	-	120	350	2.2	5.6
20"	605	-	-	120	575	3.7	6.5
30"	859	-	-	120	850	5.2	7.4

PED*/PESR** Status:

Fluid Groups:	Compliant with PED 2014/68/EU and PESR 2016 No. 1105
	Gas Group 1 + 2
	Liquids Group 1 + 2
Marking:	CE
Exceptions:	Group 1 fluids - Explosive

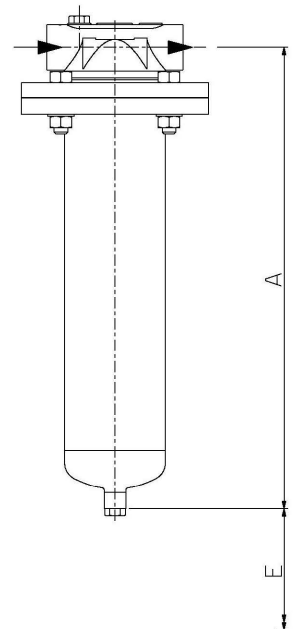
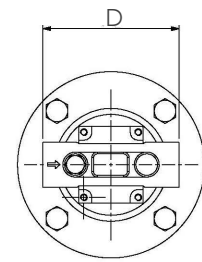
ATEX:

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

* Pressure Equipment Directive

** Pressure Equipment (Safety) Regulations No. 1105

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



Ordering Guide

5601	1	0	C	N	10	B	1	C	V
No of Stacks	Cartridge Length	Cartridge End Cap Style	VClosure Style	Mounting	Connection	Connection Type	Materials	Finish	Seal
5601 - 1	0 - 5" 1 - Single 10" 2 - Double 20" 3 - Triple 30"	0 - Code 0 B - Code B 3 - Code 3 7 - Code 7 I - MCY1000 Insert ^{*1}	C - Bolted Cover	N - None E - Bracket K - Double Vent L - Double Vent & Bracket	10 - 1" 15 - 1 1/2" 20 - 2"	B - BSPF (1" only) C - EN1092-1 Flansch PN16 H - ASME Flange 150# S - DIN 2633 Flange	1 - 316 st.st (L Grade) 4 - Alloy 22	C - Externally polished sump, bead blast head J - Externally polished sump, bead blast head (Alloy 22 option only)	E - EPDM F - FEP / Silicone S - Silicone V - Viton G - FEP / Viton

Example: 560110CN10B1CE = 56 Series, 1 x 10" DOE cartridge, bolted cover, No mounting, 1" BSPF connections. St.Steel construction with EPDM gaskets, externally polished sump with bead blasted head.

*¹ Can not be converted to accept code 3 cartridges.

AMAZON FILTERS LTD.

Albany Estate, Camberley, Surrey, GU16 7PG, ENGLAND

Tel: +44 (0) 1276 670 600 Email: sales@amazonfilters.co.uk Web: www.amazonfilters.com