

55 SERIES



Single Stack Filter Housing

The **55 Series** single cartridge housing has been developed specifically for environments where access to the filter chamber is restricted. This unit accepts Double Open End cartridges, and uses a central bolt with Tee nut for the closure. These housings are ideal for use in areas of limited access and where the spent fluid and element need to be retained within the bowl. They are suitable only for use in the liquids processing industry.



Product Features

- Through bolt assembly ensures centralisation of the cartridge for a reliable knife edge seal, suitable for cartridges ranging from 9.75" through to 30"
- Lightweight, high specification investment cast head
- Available in 316L stainless steel
- Wide range of connection size and types, cartridge lengths and materials of construction.
- PED Compliant to Sound Engineering Practice
- Full traceability on all parts, material certification packs available
- Rated at FV / 10 bar
- DWI Approved product

Accessories	
Pressure Gauge and Vent Valve Kit	
Ball Valve and Nipple	
Mounting Bracket	

Features and Benefits

- Ideal for use in areas of limited access
- Investment Cast head (avoids the porosity & inclusion problems associated with lower quality sand castings)
- Integral vent and drain sockets to aid efficient filter changeout complete with PTFE washer
- Every housing is etched with a serial number for full traceability
- Full housing customisation service available
- DWI Approved product

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.



AMAZON

55 Series Technical Data

Maximum Operating Conditions

Pressure Range: Liquid: FV / 10 bar g
 Temperature Range: -10°C / 110°C

Materials of Construction

Body and Closure: 316L St.Steel

Finish

Vessel: Bead Blast all over

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"	318	-	-	120	100	1.8	2.6
20"	577	-	-	120	100	3.3	3.7
30"	831	-	-	120	100	4.8	4.7

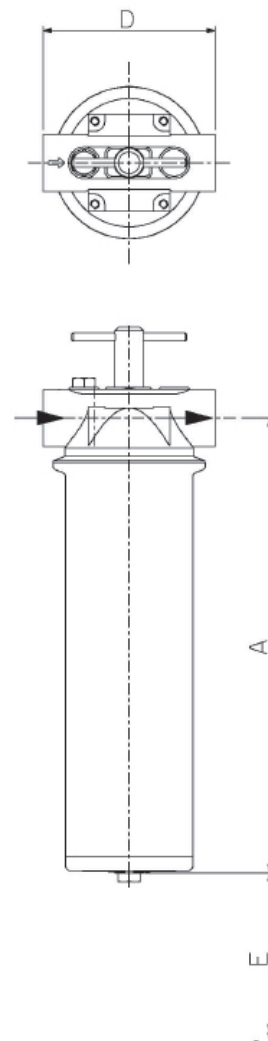
PED*/PESR Status:** Compliant with PED 2014/68/EU and PESR 2016 No. 1105

* Pressure Equipment Directive

** Pressure Equipment (Safety) Regulations No. 1105

Fluid Groups: Liquids Group 1 + 2
 Marking: SEP
 Exceptions: Group 1 liquids - Explosive

ATEX: Compliant with 2014/34/EU and Explosive Atmosphere Regulations 2016
 II 2G Ex h IIC T110 Gb
 II 2D Ex h IIIC T110 Db



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

Ordering Guide

5501	1	0	R	N	10	B	1	B	E
No of Stacks	Cartridge Length	Cartridge End Cap Style	Closure Style	Mounting	Connection	Connection Type	Materials	Finish	Seal
5501 - 1	1 - Single 10" 2 - Double 20" 3 - Triple 30"	0 - Code 0	R - Centre Bolt	N - None E - Bracket	10 - 1" 15 - 1 1/2"	B - BSPF (1" Only) C - EN1092-1 Flange PN16 H - ASME Flange 150# L - BS4825-3 Tri Clamp M - DIN11851 N - RJTM P - SMS M (Swedish) R - IDFM S - DIN2633 Flange	1 - 316 st.st (L Grade)	B - Bead Blast all Over	E - EPDM F - FEP / Silicone S - Silicone V - Viton G - FEP / Viton

Example: 550110RN10B1BE = 55 Series, 1 x 10" DOE cartridge with centre rod, No mounting, 1" BSPF connections. St.Steel construction with EPDM gaskets, Bead blast all over.

AMAZON FILTERS LTD.

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

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