

# 65 SERIES

## 3-10 Round Cartridge Housing






The **65 Series** housing range is designed to accommodate 3, 5 or 10, stacks of filter cartridges up to 40" long. These top opening style housings are secured with screw clamps as standard and suitable for pressures up to 16 bar g in liquids and between 1.5 and 16 bar g in gases. They are also suitable for full vacuum operation and processes between -10 and 150°C.

The housings are leg mounted and equipped with the more conventional dished end, therefore suit processes where there is a need to allow complete drainage of the clean chamber. This design assists in maintaining the general cleanliness of the process system. With the ability to accept both standard Double Open End and Single Open End cartridges, they will suit most applications.

The **65 Series** will accept the full range of Amazon and industry-standard cartridges ranging from 0.1 to 500µm with nominal lengths of 10, 20, 30 and 40".

### Product Features

- Dished bottom end allows complete drainage of clean chamber, leading to improved system cleanliness
- Top opening style secured with screw clamps
- Cast compression nut with integral PTFE washer for easy, hand tight cartridge sealing
- Wide range of connection sizes and types, cartridge lengths and materials of construction
- PED and ATEX Compliant

Accessories	
Pressure Gauge and Vent Valve Kit	
Pressure Gauge and Auto Vent Valve Kit	
Ball Valve and Nipple	



## Features and Benefits

- Integral vent, clean and dirty drains to aid efficient filter change-out
- Each housing hydrostatically pressure tested
- Internally and externally electropolished as standard
- Each housing is etched with a unique serial number for full traceability
- Full housing customisation service available
- Universal cup enables choice of plug-in (Code 3 and Code 8) or DOE cartridge styles in the same housing

## 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.



**AMAZON**

# 65 Series Technical Data

## Max Operating Conditions

Liquids: Bolted closure:

Gas: Bolted closure:

Temperature range:

## 6503

FV / 16 bar g

FV / 16 bar g

-10°C / 150°C

## 6505

FV / 16 bar g

FV / 16 bar g

## 6510

FV / 16 bar g

FV / 1.5 bar g

## Materials of Construction

Body:

Closure:

Vessel Finish:

316L St.Steel

Screw Clamp - Zinc-plated carbon steel  
(Optional Stainless Steel)

Electropolished

## Connections

Inlet / Outlet:

Vent:

Drain:

## 6503

2" BSPM

¼" BSPM

½" BSPM

## 6505/7

2" BSPM

¼" BSPM

½" BSPM

## 6510/12

3" BSPM

½" BSP

1" BSPM

## PED Status:

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

\* Pressure Equipment Directive

\*\* Pressure Equipment (Safety) Regulations No. 1105

Fluid Groups:

Marking:

Exceptions:

Liquids Group 1 + 2

Gas Group 1 + 2

CE

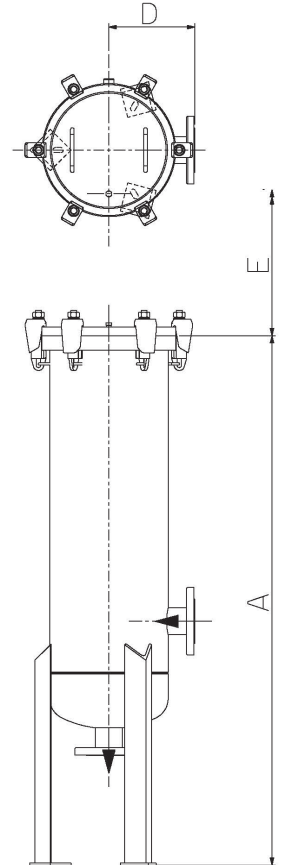
Group 1 liquids - Explosive

## 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



# Ordering Guide

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

6505	1	0	H	C	20	A	1	E	E
No of Stacks	Cartridge Length	Cartridge End Cap Style	Closure Style	Mounting	Connection	Connection Type	Materials	Finish	Seal
6503 - 3 6505 - 5 6510 - 10	1 - 10" (6503 & 6505 only) 2 - 20" 3 - 30" 4 - 40"	0 - Code 0 A - Code A U - Universal 8 - Code 8	B - Flat cover with Screw Clamps (6510 only) H - Hinged cover with screw clamps (6503 and 6505 only)	B - Fixed Legs C - Adjustable Legs (6503 & 6505 only)	<b>3 - 5 Stack</b> 20 - 2" 30 - 3"  <b>10 Stack</b> 30 - 3" 40 - 4"	A - BSPM (6503 & 6505 only) D - EN1092-1 Flange PN25 J - ASME Flange 300# S - DIN2633 Flange K - Stub Pipe	1 - 316 st.st (L Grade)	E - Electropolished	E - EPDM F - FEP / Silicone S - Silicone V - Viton

Example: 650510HC20A1EE = 62 Series, 5 x 10" DOE cartridge, hinged cover with screw clamp, Adjustable Legs, 2" BSPM connections. 316L St.Steel construction with EPDM gaskets, electropolished 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