

76 SERIES

AMAZON

HYGIENIC, PLENUM STYLE SINGLE STACK



The **76 SERIES** single cartridge housing is a high quality product specifically designed for critical applications. It is manufactured to provide a 0.4µm Ra crevice free sanitary finish on all internal surfaces. The hygienic design ensures the housing is easy to clean and can be sanitised or steam sterilised readily. The base of the housing provides a plenum chamber to offer lower pressure drops in high flow applications and a sump for collection of excess liquid/condensate where necessary.

76 SERIES housings are suitable for the filtration of both liquids and gases and will accept the full range of Amazon and industry standard code 7 (226) style single open-ended cartridges with nominal lengths of 10, 20 and 30".

Product Features:

- 0.4µm Ra internal finish
- Rated at up to 10 bar g and full vacuum in gases
- Suitable for operating temperatures from -10°C up to 150°C
- Plenum chamber for improved flow characteristics and condensate drainage
- High quality cast Vee clamp for ease of use, safety and security
- Offered with a wide range of connection sizes and types
- Available for a range of cartridge lengths
- CE Marked
- Full traceability on all parts, material certification packs available



76 SERIES FEATURES AND BENEFITS

- High quality crevice free surface finish to 0.4µm Ra to assist in maintaining a sanitary system
- Minimal pressure drops in high flow applications
- Plenum chamber provides sump for condensate drainage
- Full vacuum rating in liquids and gases
- Suitable for a wide range of process temperatures
- Every housing is etched with a batch number for full traceability
- Full housing customisation service available

76 SERIES

TECHNICAL DATA

Operating Conditions

Pressure Range: Liquid: FV / 10 bar g
 Gas Group 1: 10" - FV / 10 bar g
 20" - FV / 9 bar g
 30" - FV / 7 bar g
 Gas Group 2: 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: 0.4µm Ra Internal Finish, Degrease sump, electropolished base

Connections

Inlet/Outlet: 1½" Tri Clamps

| Model | Dimensions | | | | | Volume (Litres) | Dry Weight |
|----------------|------------|----|---|-----|-----|-----------------|------------|
| | A | B | C | D | E | | |
| 760117AF15L1PS | 377 | 55 | - | 216 | 350 | 3.6 | 4.4 |
| 760127AF15L1PS | 632 | 55 | - | 216 | 600 | 5.5 | 5.5 |

PED Status:

Compliant 97/23/EC
 Gas Group 1 + 2
 Liquids Group 1 + 2

Marking:

Exceptions:

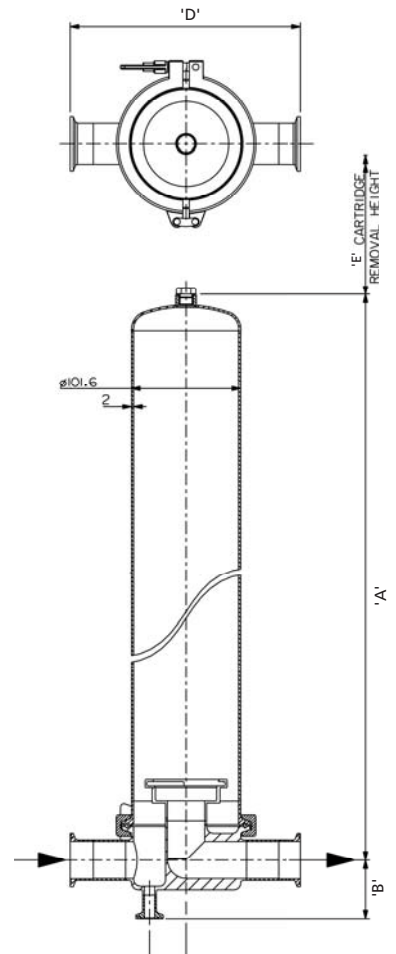
CE

ATEX:

Group 1 liquids - Explosive

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.



AMAZON FILTERS LTD.

ALBANY PARK ESTATE, FRIMLEY ROAD,
 CAMBERLEY, SURREY, GU16 7PG
 ENGLAND

Tel: +44 (0) 1276 670 600

Fax: +44 (0) 1276 670 101

Email: sales@amazonfilters.co.uk

Web: www.amazonfilters.com



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