

## Single cartridge filter housing AFL1-S



amafilter – LFC Lochem (Filtration Group Process Systems) offers single cartridge filter housing.

The AFL1 stainless steel cartridge filter housing is designed to accommodate a single filter cartridge. The spring seal construction allows for small deviations in cartridge length. The closure avoids the need for using tools for changing the filter cartridge. The filter cartridge housings are suitable for filtering non-dangerous liquids and conforms to the PED 2014/68/EU article 4, paragraph 3.

### Features

- Suitable for a single DOE cartridge
- Closure with T-handle or with tri-clamp
- No tools required for changing the filter cartridge
- All stainless steel 316 construction
- Vent and drain plugs are standard
- Available on-request: single cartridge filter housing configuration suitable for X3 end-caps or with tri-clamp closure for DOE

### Filter cartridge

Filtration Group supplies a wide range of filter cartridges in different materials, pore sizes, dimensions and models to fit in our housings as well as those of other manufacturers. For detailed information about our filter cartridges, please visit our website [www.ama-lfc.com](http://www.ama-lfc.com).



### Typical application

- Filtration of water
- Filtration of chemical
- Filtration of food and beverages

### Standard Specification

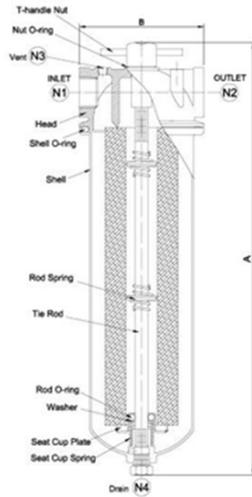
- PED 2014/68/EU: article 4 paragraph 3
- Maximum vapor pressure: < 0.5 bar(g)
- Maximum (operating) pressure: 10 bar at 25 °C
- Maximum (operating) temperature: 90 °C
- Filter housing material: stainless steel 316
- Head: stainless steel 316
- O-ring material: standard FPM, available on-request EPDM
- Standard design: internal construction is designed to suit Double Open End (DOE) or X0, X4 or X9 filter cartridges

### Customized requirements

We understand that our customer's facing complex processes and environmental requirements. There where a standard filter housing could not be sufficient, our engineers are able to design a custom made filtration solution.

For further information please contact us at [www.ama-lfc.com](http://www.ama-lfc.com)

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**Ordering information**

Example: 1 2 3 4 5 6  
 AFL1-10S-1- -RP

**1 Type**

AFL1 = single cartridge housing

**2 Cartridge Length**

10 = 10" (254 mm) length  
 20 = 20" (508 mm) length

**3 Material**

S = stainless steel 316

**4 Inlet/ outlet**

1/2 = 1/2" (not available for cover configuration X3 and CL)  
 3/4 = 3/4"  
 1 = 1"

**5 Configuration on cover**

No symbol = T-handle closure for cartridge style DOE (standard)  
 X3 = tri-clamp closure cartridge style for X3 end-caps  
 CL = tri-clamp closure for cartridge style DOE

**6 Configuration inlet/outlet**

Rp = thread (BSP) (standard)  
 No symbol = NPT threads

**Nozzle specification**

N1 = inlet  
 N2 = outlet  
 N3 = vent  
 N4 = drain

**Dimensions\* T-handle model**

	A [mm]	B [mm]
AFL1-10	369	106
AFL1-20	623	106

\* Dimensions are for reference only. Use dimensional drawing for installation purposes. Subject to technical alteration without prior notice.

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