

## Single cartridge filter housing AFL1-P



amafilter – LFC Lochem (Filtration Group Process Systems) has a single plastic cartridge filter housing available, AFL1-P. This filter housing is ideally for small batch process which needs polishing. AFL1-P is an economic and shatter resistant three piece filter housing, designed for a wide range of applications.

### Features

- Three piece construction with cover closing by means of a ring
- Suitable for single cartridge
- Filter housing materials conform FDA requirements
- Vent plug standard
- Spanner for tighten the ring included
- Drain plug on 20" housing
- Optional : Mounting brackets

### 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

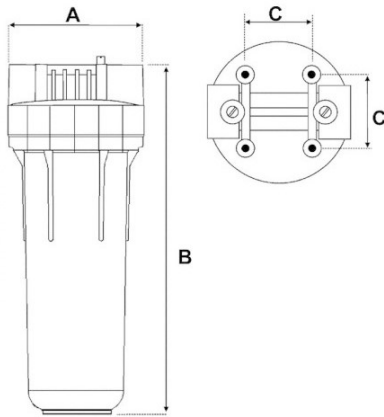
- PED 2014/68/EU: article 4 paragraph 3
- Maximum vapor pressure: < 0.5 bar(g)
- Design pressure: 10.5 bar
- Maximum (operating) pressure: 8 bar
- Maximum (operating) temperature: 50 °C
- Filter housing material: polypropylene or styrene acrylonitrile
- Bowl: polypropylene or styrene acrylonitril (SAN)
- Head: polypropylene or polypropylene with brass inserts
- Nut: polypropylene
- Vent plug: polypropylene or brass
- Drain plug: polypropylene
- Available length 9.75" or 20" for filter cartridges
- Internal construction is designed for double open end (code X0) filter cartridges
- O-ring material: standard EPDM. Other materials on-request
- Filter housing materials conform FDA requirements

### 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  
AFL1-10P-1-PV

- 1 Type** = AFL1
- 2 Cartridge length**  
9.75 = 9 3/4"  
20 = 20"
- 3 Material bowl**  
P = polypropylene  
A = styrene acrylonitrile
- 4 Inlet/outlet**  
3/4 = 3/4"BSP  
1 = 1"BSP
- 5 Material head**  
no symbol [-] = polypropylene with brass inserts  
PV = polypropylene

### Dimensions\*

Type	A [mm]	B [mm]	C [mm]
AFL1-9.75	126	350	58
AFL1-20	126	615	58

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

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