

# AFL1-P

## SINGLE PLASTIC CARTRIDGE FILTER HOUSINGS

Suitable for water, chemical and food and beverages applications

The amafilter® AFL1-P single plastic cartridge housing is ideally for small batch processes which need polishing or for low-flow applications (maximum of 3 m<sup>3</sup>/h). The AFL1-P is a cost effective cartridge for these type of applications and conforms with PED2014/68/EU article 4, paragraph 3.

### FEATURES

- Three piece construction with cover closing by means of a ring
- Shatter resistant cartridge for durability
- The maximum temperature for this filter housing series is 50 °C
- Designed for a wide range of applications.
- Suitable for single cartridge
- Filter housing materials conform to FDA requirements
- Vent plug standard
- Spanner for tightening the ring included
- Drain plug on 20" housing
- Optional: Mounting brackets



### STANDARD SPECIFICATIONS

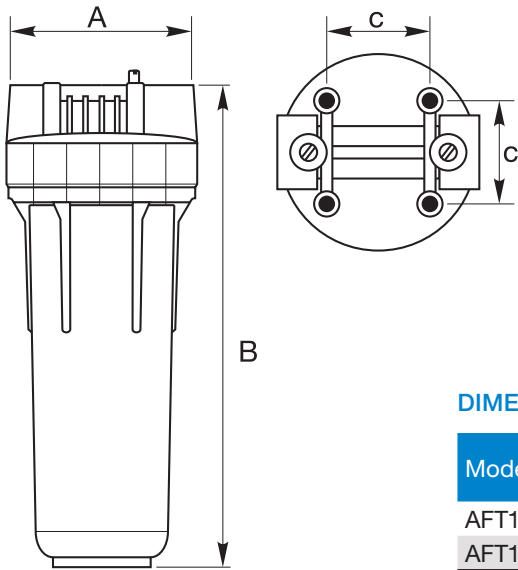
- PED 2014/68/EU: article 4 paragraph 3
- Maximum vapor pressure: < 0.5 bar(g)
- Design pressure: 10.5 bar
- Maximum (operating) pressure: 8 bar
- Maximum (operating) temperature: 50 °C
- Filter housing material: polypropylene or styrene acrylonitrile
- Bowl: polypropylene or styrene acrylonitril (SAN)
- 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 customers face complex processes and a standard filter housing may not be a suitable solution.

Our team of engineers can assist you find the perfect solution to your specific requirements.

Contact us at: [www.amafiltration.com/contact-us/](http://www.amafiltration.com/contact-us/)



### DIMENSIONAL INFORMATION

Model	A	B	C
	mm	mm	mm
AFT1-9.75	126	350	58
AFT1-20	126	615	58

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

### ORDERING INFORMATION

<b>AFL1</b>	-	<b>10</b>		-	<b>1</b>		<b>PV</b>
<b>Series</b>		<b>Cartridge Length</b>			<b>Inlet / Outlet</b>		<b>Cartridge Style</b>
AFL1		10 = 9 3/4"			3/4 = 3/4" BSP		No Symbol = Polypropylene with brass inserts
		20 = 20"			1 = 1" BSP		PV = Polypropylene
			<b>Material Bowl</b>				
			P = Polypropylene				
			A = Styrene Acrylonitrile				

