

# AFS3-8

## SANITARY MULTI CARTRIDGE HOUSING

Suitable for beverages, non-hazardous fluid, high purity fluid and pharmaceutical applications

The amafilter® AFS sanitary cartridge filter housing has been specifically designed for pharmaceutical and beverage applications.

The amafilter® AFS3-8 sanitary multi cartridge has been specially designed for sterile filter applications. The range is manufactured in stainless steel and conform to PED2014/68/EU.

### FEATURES

- Produced in stainless steel
- Hygienic and compact designed filter housing
- Suitable for 3, 5 or 8 filter cartridges
- Filter housing can be fully drained
- Suitable for length 10", 20", 30" or 40" filter cartridges
- Externally mechanically polished
- Various instrument configurations possible
- Suitable for cartridges with end-cap configuration X7 or X3 and X8

### STANDARD SPECIFICATIONS

- Design pressure: -1 to 10 bar(g) at 40 °C and -1 to 4 bar(g) at 150 °C
- PED 2014/68/EU: article 4 paragraph 3.
- Maximum vapor pressure: < 0.5 bar(g)
- Operating pressure: depending on application
- Operating temperature : depending on application, filter cartridge and gasket
- All parts with fluid contact are stainless steel 316L
- Vessel material stainless steel 1.4404 (316L)
- Closing with double bolted clamp
- Three adjustable support legs
- One vent connection (1.5" clamp)
- Drain connections optional
- Internally mechanically polished ( $R_a < 0.8 \mu\text{m}$ )
- On-request internally mechanically polished ( $R_a < 0.4 \mu\text{m}$ ) and/or electropolishing (internal/external) are possible
- O-ring sealing: standard silicone, FDA / BfR approved, other materials on-request

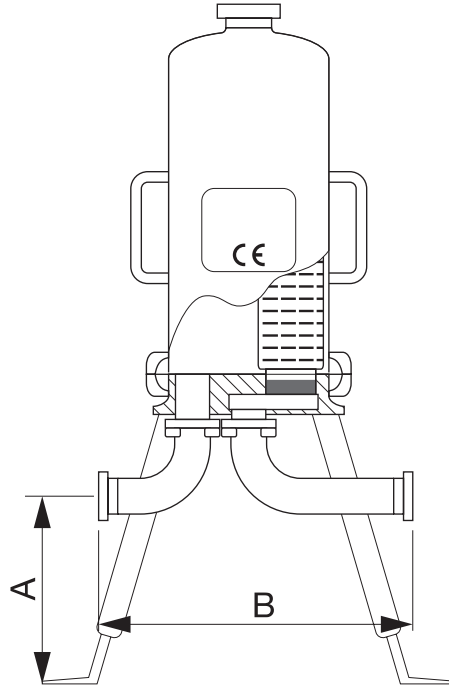


### CUSTOMIZED REQUIREMENTS

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

	Cartridge Length	Number of Cartridges		
		in	3	5
Diameter	-	168	219	273
Total height (mm)	10	816	825	846
	20	1065	1075	1096
	30	1314	1325	1346
	40	1564	1575	1596
Additional height for lifting bowl (mm)	10	290	290	290
	20	540	540	540
	30	790	790	790
	40	1040	1040	1040
Volume (dm <sup>3</sup> )	10	7.3	11	21.3
	20	12.6	20	35.5
	30	17.8	29.1	49.7
	40	23.1	38.2	63.9
Total empty weight (kg)	10	17.4	18	27
	20	19.4	22	30
	30	21.4	22	33
	40	23.4	24	36

Mark	Description
A	Height inlet / outlet
B	Distance inlet /outlet

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

### ORDERING INFORMATION

<b>AFS5</b>	-	<b>3</b>	-	<b>2</b>		<b>M</b>	-	<b>2</b>	-	<b>7</b>
<b>Series</b>		<b>Cartridge Length</b>		<b>Inlet/Outlet Size</b>		<b>Inlet/Outlet Type</b>		<b>Drain Connections</b>		<b>Cartridge Style</b>
AFS3 AFS5 AFS8		1 = 10" 2 = 20" 3 = 30" 4 = 40"		1.5 = 1.5" / DN40 2 = 2" / DN50 2.5 = 2.5" / DN65 3 = 3.0" / DN80		B = Welded M = DIN 11851 male T = Clamp		0 = No drains 2 = 2 Drains (clamp 1")		7 = X7 and X6 8 = X8 and X3

