

Plastic simplex strainer, type AMS75

The simplest way to protect pumps, spray nozzles, flow meters and similar equipment while working with corrosive liquids, is to install an amafiltergroup plastic strainer.

Unwanted particles are removed as the process media passes through a perforated basket. The filter basket traps the unwanted particles while the process media flows freely.

If the line can be shut down for short periods to clean or change the filter basket, nothing beats the amafiltergroup plastic simplex strainer. No tools are required to remove, clean or replace the filter basket. The whole operation takes only a couple of minutes. A tight seal of the basket to the strainer body seat is assured by the handle which is pressed down by the cover.

Features

- External body threads
- Low pressure drop
- Wide choice of filter baskets (optional: stainless steel filter baskets)
- In-line or loop piping design
- True union connections
- Hand removable cover
- Integral, flat mounting base
- Viton® seals (optional: EPDM seals)
- Liquid displacement cover ensuring no liquid runs over the side when opening the filter.

Product specifications

Materials

Housings	: PVC or CPVC
Filter baskets	: PVC, CPVC or stainless steel
Gaskets	: Viton® (EPDM is optional)

Connections

1/2" - 2"	: threaded, socket or flanged
2 1/2" - 4"	: socket or flanged
6" - 8"	: flanged

Operating pressure

Rated 10 bar at 20 °C



Filter baskets

- The 1/2" to 1" strainers can be ordered with a 1/32" or 1/16" perforated plastic filter basket.
- The 1 1/2" and 2" strainers can be ordered with a 1/32", 1/16", 1/8" or 3/16" perforated plastic filter basket.
- The 3" and 4" strainers can be ordered with a 1/16", 1/8" or 3/16" perforated plastic filter basket.
- Stainless steel filter baskets for all size strainers are available in these perforation: 1/32", 3/64", 1/16", 5/64", 7/64", 1/8", 5/32", 3/16", 1/4", 3/8", 1/2"

and in mesh sizes:

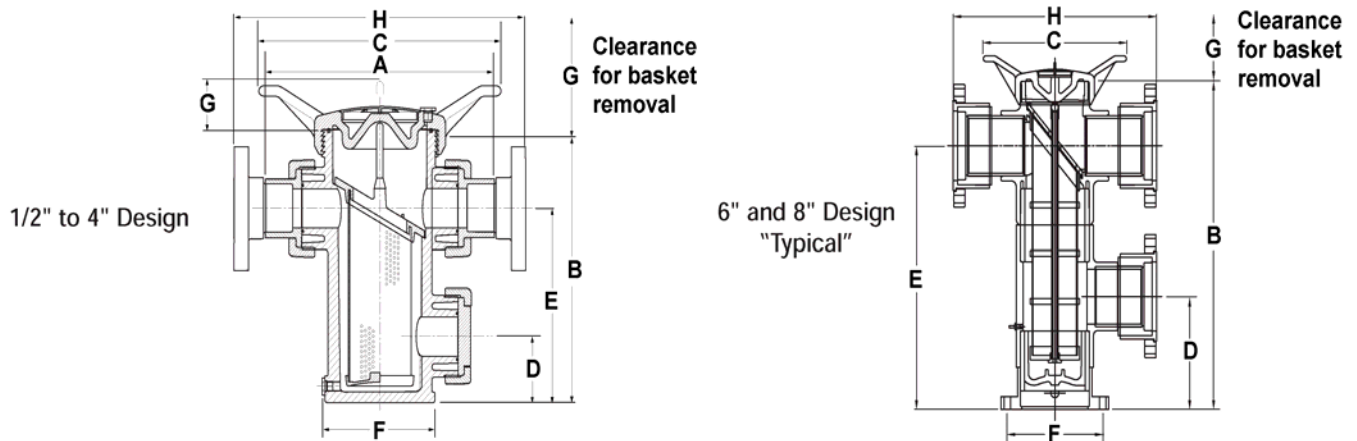
20, 40, 60, 80, 100, 200, 325.

amafiltergroup and CSS approach

amafiltergroup is serving the industry on a world wide basis with **Consumables**, **Services** and **Systems**. We can offer a wide range of filtration solutions, making the amafiltergroup approach very flexible, thus enabling us to meet the customer requirements precisely.



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Size	Dimensions [mm]								Empty weight [kg]		Volume [dm ³]
	A	B	C	D	E	F	G	H	Thread / socket	Flange	
1/2"	219	245	279	57	171	109	203	274	3.4	4	0.8
3/4"								280			
1"								296			
1 1/4"	324	340	343	83	241	156	327	397	6.4	7.5	2.7
1 1/2"								404			
2"								414			
2 1/2"	384	504	406	123	377	184	438	534	13	15	10.6
3"								517			
4"								562			
6"	-	871	457	271	691	298	554	569	-	27	25.7
8"							730	640		36	34.1

Note : Dimensions are for reference only. Use dimensional drawing for installation purposes. amafiltergroup reserves the right to make technical changes without giving prior notice.

Ordering code

AMS75	PV	2	F
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amafiltergroup type AMS75	Inlet / outlet connection No symbol = threaded (0.5 - 2") F = flanged (0.5 - 8") B = socket (0.5 - 4")
Material PV = PVC CP = CPVC	Inlet / outlet size [inch] 0.5 = 1/2" 2.5 = 2.5" 0.75 = 3/4" 3 = 3" 1 = 1" 4 = 4" 1.25 = 1 1/4" 6 = 6" (*) 1.5 = 1 1/2" 8 = 8" (*) 2 = 2" (*) not available in CPVC material

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