

AAM

Bag filter housing for hazardous fluids

High-performance bag filter housings, engineered for the clarification of hazardous fluids in industrial applications.

Designed for maximum operational safety, the AAM series can be integrated with CSP series stainless steel baskets, extending the range of applications to high-temperature processes incompatible with polymeric bags.

The three stainless steel clamp closure ensures high safety standards while reducing maintenance downtime during filter element replacement.

Full-penetration internal welds make the equipment suitable for select food-grade applications as well.



Features

- Threaded, flanged or sanitary inlet/outlet connections.
- Restrainer device for bag in stainless steel.
- Effortless opening and closing.

Materials

Body: stainless steel AISI 316L

Closure: screw clamps in stainless steel

Gaskets: Viton (standard)

Surfaces finishing

Internal / External: Electropolished not mirrored

Design and construction

According to PED and ATEX European Directives

Food safety in accordance with EC 1935/2004

Documentation

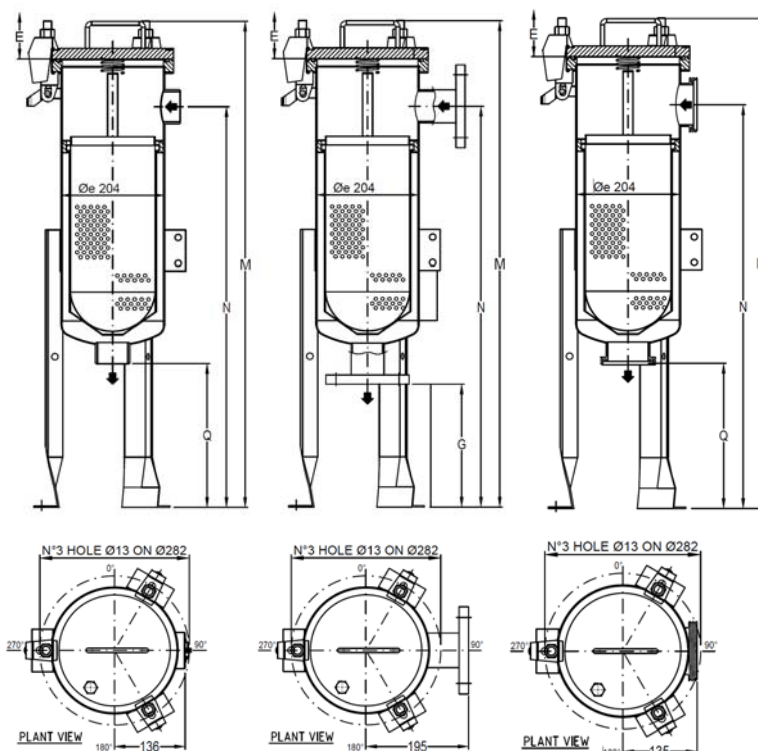
UE declaration of conformity and user manual

Model	In-Out connections	Filter bag size	* Flow rate MAX l/min	Weight Kg	Volume L	Vent
AAM-11-F50-L-D-V	2" gas	01	320	26	17	1/4"
AAM-12-F50-L-D-V	2" gas	02	630	30	28	
AAM-11-U50-L-D-V	DN50-EN 1092 PN16	01	320	31	17	
AAM-12-U50-L-D-V	DN50-EN 1092 PN16	02	630	35	28	
AAM-11-D50-L-D-V	DN50-DIN 11851	01	320	36	17	
AAM-12-D50-L-D-V	DN50-DIN 11851	02	630	41	28	

* recommended max flow rates with water, pressure drop 0.1 bar

Note: listed models show standard configurations. See dynamic product code for options.

Bag size	Nominal dimensions (mm)				
	M	N	Q	G	E
01	878 ÷ 987	708 ÷ 817	200 ÷ 390	200 ÷ 340	550
02	1218 ÷ 1400	1048 ÷ 1230	200 ÷ 500	200 ÷ 450	900



Code description

Serie	-	Type	-	IN-OUT connections	-	Positions connection	-	Finishing	-	Gasket material
AAM	11	Size 01 (180x450)	F50	2" gas	L	Side inlet bottom outlet	D	Pickled	E	EPDM
	12	Size 02 (180x820)	U50	DN50 EN 1092-1-PN16			E	Electropolished	S	Silicone
			U80	DN80 EN 1092-1-PN16					V	Viton
			D50	DN 50 DIN 11851						
			D80	DN 50 DIN 11851						

Operating limits

Fluid state	min/max temperature	Pressure
Liquids and gas	-15°C / +120°C	10 barg

PED e ATEX conformity Directives		
Fluid group	PED	ATEX
1 (hazardous)	Bag Size 01 - Cat.II	II 2G Ex h IIC T4 Gb
2 (not hazardous)	Bag Size 02 - Cat.III	II 2D Ex h IIIC T135°C Db

The data are informative and subject to change without notice. User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.

Example code

AAM	-	12	-	F50	-	L	-	D	-	E
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