

BAC-11/12

Single-Bag housings with V-Clamp closure

Single bag filter housings suitable for filtration of non-hazardous fluids.

BAC-11/12 housings are designed to install BEAFELT, BEAFINE or BEA-MESH sizes 1 and 2 filter bag which are available in wide range of materials and filtration grades.

V-clamp housing closure allows easy and quick operation for filter bag replacement.



Main features

- Multiple IN/OUT configurations available.
- Adjustable mounting legs to make easier the installation.
- Suitable for non-hazardous fluids of group 2.

Materials

Housing:	AISI 316L stainless steel
Filter bag restrainer basket:	AISI 316L stainless steel
V-Clamp closure:	AIS 304 stainless steel
Gasket:	EPDM (standard)

Surface finishing

Code D	pickled (standard)
Code E	electropolished

Design and constructions

According to PED and ATEX Directives

Certification

UE Declaration of conformity and user guide.

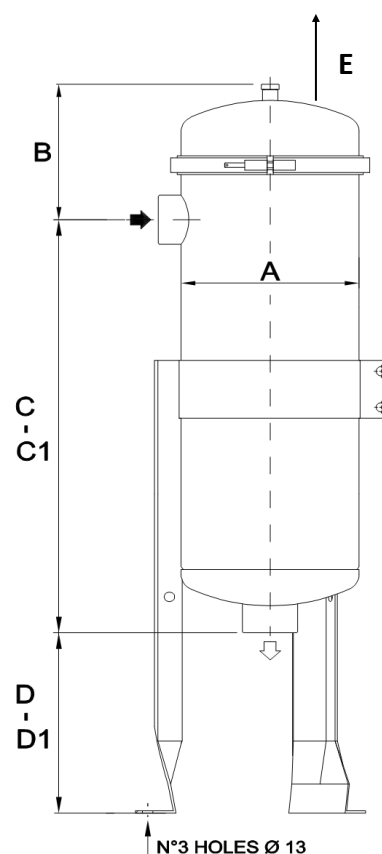
Model	In-Out Connections	Bag filter size	* Flow rate MAX l/min	Weight Kg	Volume L	Vent
BAC-11-50F-L-D-E	2" gas F	01	330	18	23	1/4"
BAC-12-50F-L-D-E	2" gas F	02	430	22	35	
BAC-11-50M-L-D-E	2" gas M	01	330	18	23	
BAC-12-50M-L-D-E	2" gas M	02	430	22	35	

* maximum recommended flow rate with water, pressure drop 0.1 bar

Note: the table shows standard models; see the options indicated in the product code description for different configurations.

Model	Nominal dimensions (mm)						
	A	B	C	C1	D	D1	E ¹
BAC-11	219	180	504	//	200-300	//	500
BAC-12	219	180	//	854	//	200-450	900

1 clearance for bag replacement



Product code description for ordering

BAC -		12 -		50		F -		L -		D -		E	
BAG FILTER SIZE 11 Size 01 12 Size 02 ⌄ X1 HOUSING 11 EMPTY X2 HOUSING 12 EMPTY		CONNECTION DIAMETER 50 2" 65 2"-1/2" 80 3"		CONNECTION TYPE D RACCORDI DIN 11851 F BSP female thread M BSP male thread U EN 1092.1-PN16 flange		POSITION CONNECTION L SIDE ENTRY BOTTOM EXIT C SIDE ENTRY BOTTOM EXIT WITH CURVE P IN OUT PARALLELS		FINISHING D PICKLING E ELECTROPOLISHED		GASKET E EPDM S SILICON V VITON			

- X1 and X2 sizes are housings without bag holders to allow the installation of stainless steel filter baskets available with various filtration grades.

Operating limits

Fluid state	PED & ATEX Conformity		
Liquid Temp. max 60°C	Fluid group	PED Category	ATEX
8 barg	2 (non dangerous)	Art.4 par 3	II 2G Ex-h IIC T6 Gb / II 2D Ex-h T80°C Db

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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.