



CHARACTERISTICS:

- 100% AISI 316L construction.
- V-Clamp closure manufactured with lost wax micro-casting.
- Conform to 2014/68/UE PED Directive.
- Conform to 2014/34/UE ATEX Directive.
- 1935/2004/CE certification available upon request.
- Suitable for liquids Gr. 1 and 2 filtration.
- Side inlet bottom outlet nozzles design.
- Suitable for pressure up to 8 bar.
- Suitable for filtering bags size 1, 2, 3, 4.
- Suitable for filtering bags with metal ring and/or PolyformSEAL™.
- Suitable for high flow-rate and low spare cost.
- O-ring body/head seal.
- Restrainer suitable for Delta-P up to 4 bar
(10 bar Delta-P design available as option).
- 430-SS adjustable legs (option only for size 1 and 2).
- Hydraulic test on 100% of manufactured filters.
- Customization for OEM available.



BFR Series

HOUSINGS
SINGLE BAG
LOW PRESSURE

MAIN APPLICATIONS:

- DESALINATION
- WATER TREATMENT
- FINE CHEMICAL
- FOOD & BEVERAGE
- POWER GENERATION
- PAINTS AND RESIN
- PHARMACEUTICAL
- MICROELECTRONIC
- GALVANIC
- HYDRAULIC
- STEEL MILL
- GENERAL INDUSTRY

ASCO FILTRI

a **mott** company

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BFR Series

HOUSINGS
SINGLE BAG
LOW PRESSURE

TECHNICAL DATA

MAX. WORKING CONDITION
8 bar @ 80 °C

CONSTRUCTION MATERIALS

BODY:

- 316L-SS

V-CLAMP:

- 316-SS micro casting

ADJUSTABLE LEGS:

- 430-SS (option)

FINISHING

- A38:

Internal electropolishing

External manual polishing

- A44:

Glass bead blasted

GASKETS

- EPDM max. 120 °C

- Viton max. 230 °C

- Silicone max. 230 °C

- FEP max. 250 °C

IN/OUT

- 1.1/2" GAS-M

- 2" GAS-M

- 2.1/2" GAS-M

- 3" GAS-M

VENT

- 3/8" GAS-F

ACCESSORIES

- Pressure gauge

- Vent valve

- Flanged connections

- Volume reducer

- Magnetic candles kit

OPTION

- Internal Halar coating

- Internal PFA coating

Dimensions:

Model	Q max.	Dimensions [mm]					In/out	Vol. [lt]	Weight [kg]	Fig.
	m ³ /h	A	B	C	D	E				
BFR013	9	114.3	95	-	257	60	1.1/2" Gas-m	2.6	8	2
BFR014	15	114.3	95	-	402	60	1.1/2" Gas-m	3.7	9	2
BFR011	20	204	170	[1]	479	120	2" Gas-m	16	26	1
BFR012	35	204	170	[1]	864	120	2" Gas-m	28	30	1

Max. flow-rate referred to 50 µm filtering bags. Initial Delta-P 0.1 bar. Fluid water.
Suggested flow-rate change according to the installed filtration rating.

1) "C" dimension adjustable, according to the selected model

FIG.1

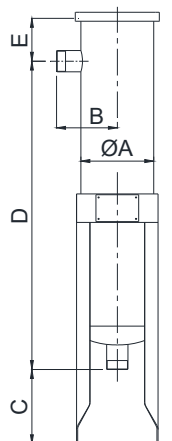
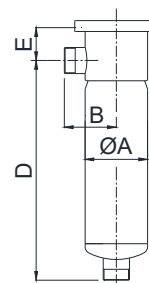


FIG.2



Max. working pressure:

Fluid	Model			
	BFR013	BFR014	BFR011	BFR012
Liquid Gr. 2	8 bar	8 bar	8 bar	8 bar
Liquid Gr. 1	8 bar	8 bar	8 bar	7 bar
Gas Gr. 2	Not suitable			
Gas Gr. 1				

Where the 2014/68/EU PED Directive is applicable, in case of dangerous liquids Gr. 1, the max. working pressure must be reduced. For different pressures contact ASCO Filtri.

We reserve the right to change the data of this specification without notice.

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