



# BFF Series

HOUSINGS  
SINGLE BAG SIDE ENTRY  
LOW PRESSURE

## MAIN APPLICATIONS:

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

## CHARACTERISTICS:

- 100% 316-SS construction.
- Swing bolts Rathmann type closure.
- Micro-casting girth flange and top cover with hinge and handle.
- Conform to 2014/68/UE PED Directive.
- Conform to 2014/34/UE ATEX Directive.
- 1935/2004/CE certification available upon request.
- Suitable for Gr. 1 or 2 liquids and gas filtration.
- Side inlet bottom outlet nozzles design.
- Suitable for pressure up to 10 bar (16 bar as option for size 1 and 2).
- Suitable for filtering bags size 1, 2, 3, 4 or pleated cartridges PB series.
- 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 (only for size 1 and 2).
- 316L-SS adjustable legs available too as option.
- Hydraulic test on 100% of manufactured filters.
- Customization for OEM available.

# ASCO FILTRI

a **mott** company



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## TECHNICAL DATA

### MAX. WORKING CONDITIONS

10 bar @ 100 °C  
 16 bar @ 100 °C (option)

### CONSTRUCTION MATERIALS

#### BODY:

- 316L-SS

#### GIRTH FLANGE, TOP COVER:

- 316-SS micro-casting

#### ADJUSTABLE LEGS:

- Standard:

430-SS glass bead blasted

- Option:

316L-SS electropolished

### FINISHING

#### Internal/external:

- A38: Outside manual polished  
 Inside electropolished

- A44: Full glass bead blasted

### GASKETS

- EPDM max. 120 °C

- Viton max. 230 °C

- Silicone max. 230 °C

- FEP max. 250 °C

- PTFE 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

### OPTIONS

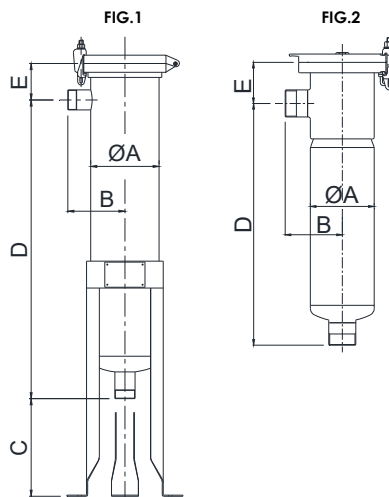
- Internal Halar coating

- Internal PFA coating

## Dimensions:

Model	Q max.	Dimensions [mm]					In/out	Vol. [lt.]	Weight [kg]	Fig.
	m <sup>3</sup> /h	A	B	C	D	E				
BFFL013	9	114.3	95		277.5	75.5	1.1/2" Gas-m	3	9	2
BFFL014	15	114.3	95		427.5	75.5	1.1/2" Gas-m	4	10	2
BFF011	20	204	170	[1]	489	107.5	2" Gas-m	16.6	36	1
BFF012	35	204	170	[1]	869	107.5	2" Gas-m	28	40	1

Max. flow-rate referred to 50 µm filtering bags. Initial Delta-P 0.1 bar. Fluid: clean water.  
 Suggested flow-rate change according to the installed filtration rating.  
 1) "C" dimension adjustable according to the selected model.



## Max. working pressure:

Fluid	Model			
	BFF013	BFF014	BFF011	BFF012
Liquid Gr. 2	10 bar	10 bar	10 bar	10 bar
Liquid Gr. 1	10 bar	10 bar	10 bar	10 bar
Gas Gr. 2	10 bar	10 bar	10 bar	7 bar
Gas Gr. 1	8 bar	6 bar	1.5 bar	0.8 bar

Where the 2014/68/EU PED Directive is applicable, in case of gas, the max. working pressure must be reduced.  
 For different pressures and temperatures, contact ASCO Filtri.  
 PED Cat. II, III and IV version available upon request.

## Contact us for any further information.

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

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