

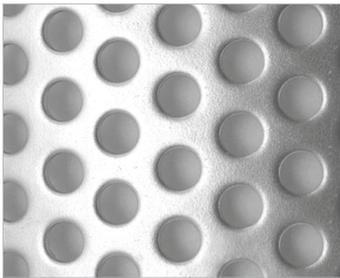


# ECS Filter

## Single Bag Filter Series

### Overview

ECS single-bag filter housings with side inlet piping connections and bottom outlet are a perfect choice for cost-sensitive applications. The side inlet piping connections can be adapted to different directions, according to your specific needs. The simple design allows for easy cleaning of the interior of the vessel. A Feature-Tec patented clamping device seals the bag for better performance. Precision castings and swing eye-bolt closure guarantees integrity even at high pressures.



Stainless steel baskets



Unique clamping device



### Specifications

Max. Flow Rate: 40 m<sup>3</sup>/h  
 Max. Operating Temperature: 150°C  
 Max. Operating Pressure: 10 bar

### Options

Inlet & Outlet: DIN / ANSI / BSP / NPT  
 Materials: SS 304 / SS 316 L  
 Seal Media: BUNA N / EPDM / VITON  
 / SILICON / FEP+FPM  
 Bag size: Size 02 / Size 01

### Applications

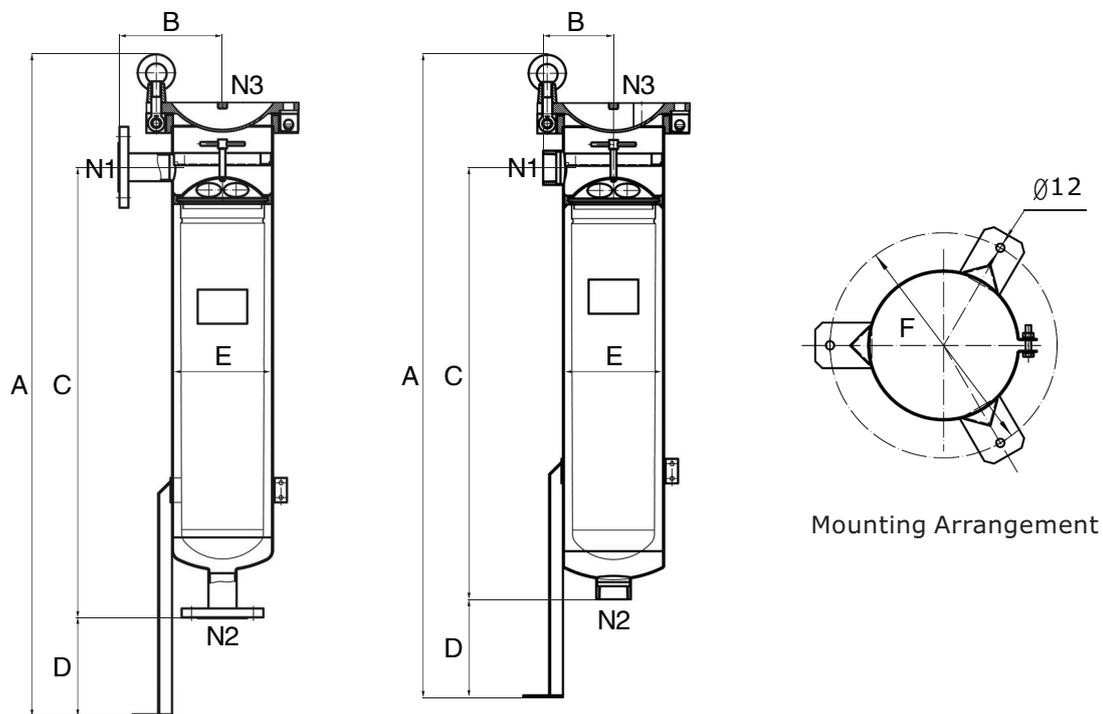
- Pulp and Paper
- Food and Beverage
- Metal Working Fluids
- Chemical Processing
- Paints, Inks, Resins and Coatings
- Automotive
- Electronics
- Pharmaceutical
- Petrochemicals

### Features

- Side inlet piping connection and evacuation cover - Eliminates liquid spillover when cover is opened.
- Adaptable lid position - Great accessibility, easy maintenance.
- Integrated handle cover - Single-handed, user-friendly operation.
- Unique basket seal design - EasyLock ensures no bypass.
- Swing eye-bolt closure - Guarantees integrity even at high pressures.
- Electro-polished stainless steel perforated plate basket - Perfect bag support, easy to clean.
- Adjustable mounting legs - Stable and adaptable construction.

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Dimensions	Size 02	mm (inches)	Size 01	mm (inches)
A	Flange: 1350 (53)	Thread: 1310 (52)	Flange: 986 (40)	Thread: 950 (37)
B	Flange: 210 (8) Threaded : 142 (6)			
C	Flange: 920 (36)	Thread: 880 (35)	Flange: 556 (22)	Thread: 530 (21)
D	200 (8)		(Adjustable)	
E	200 (8)			
F	321 (13)			

Specifications	Size 02	Size 01
Inlet (N1) / Outlet (N2)	Flange: DN50 PN6 RF (2" 150# RF) / Threaded: DN50 (2" BSP) <sup>1</sup>	
Vent Valve (N3)	1/2" FNPT	
Max. Operating Pressure	10 bar (145 psi)	
Max. Operating Temperature	150°C	
Vessel Volume	28 L (7 Gal)	17 L (4 Gal)
Sealing Ring (Optional)	BUNA N / EPDM / VITON / SILICON / FEP+FPM	
Vessel material	SS 304 / SS 316 L	
Net Weight	28 kg (62 lb)	24 kg (53 lb)

<sup>1</sup> NPT available or request

## Order Information

ILB	E	01	01	D	10	50	B	ECS
Code: ILB	Material: E - SS 304 S - SS 316 L	No. of Bags: 01	Bag Sizes: 01 02	Connections: D - DIN A - ANSI B - BSP N - FNPT	Design Pressure: 10 - 10 bar (145 psi)	Inlet / Outlet Diameter: 50 - DN 50 (2")	Ring Material: B - BUNA N E - EPDM S - SILICON V - VITON T - FEP+FPM	Stand: ECS Optional : M - Modified

## Feature-Tec

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