

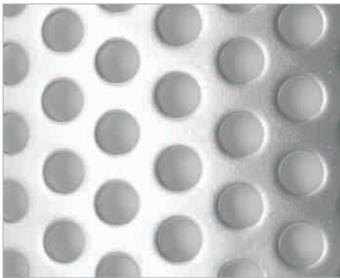


# ECS Filter

## 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. Operat Temp: 150° C  
 Max. Operat 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

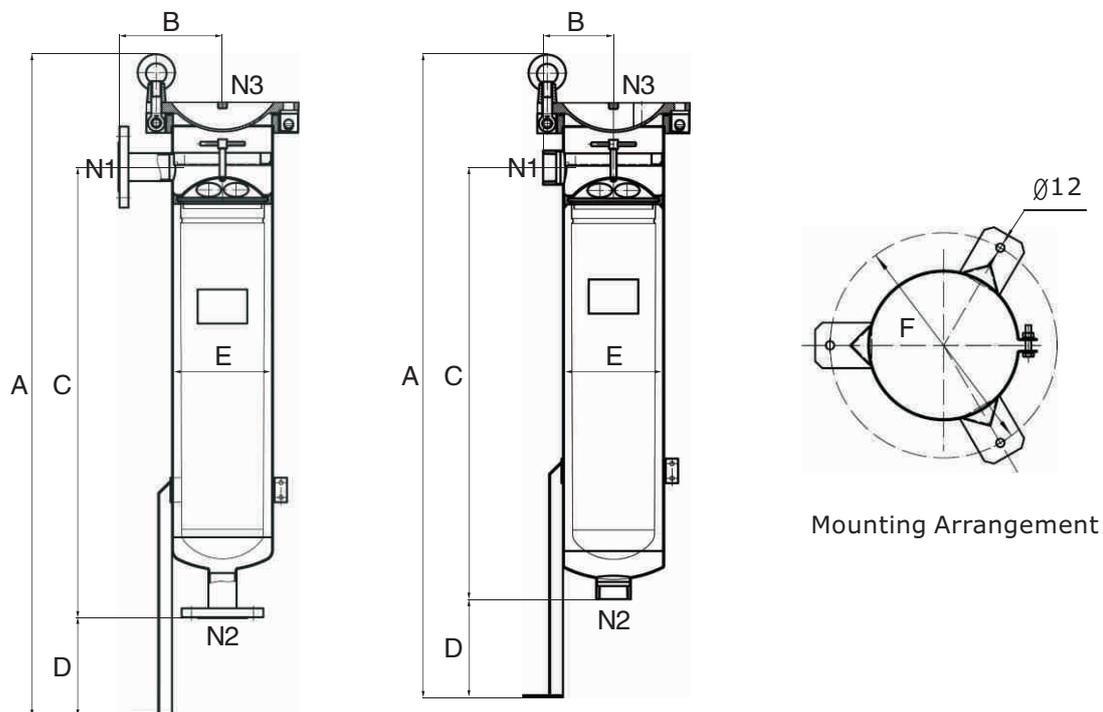
- Pulp and Paper
- Food and Beverage
- Metal Working Fluids
- Chemical Processing
- Paints, Inks, Resins and Coatings
- Automotive
- Electronics
- Pharmaceutical
- Petrochemicals

### 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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# Single Bag Filter Series



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) ①	
Vent Valve (N3)	1/2" FNPT	
Max. Operat Pressure	10 bar (145 psi)	
Max. Operat Temp	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)

① 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 size: 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 materials: B - BUNA N E - EPDM S - SILICON V - VITON T - FEP+FPM	Stand: ECS Optional : M - Modified

## Feature-Tec

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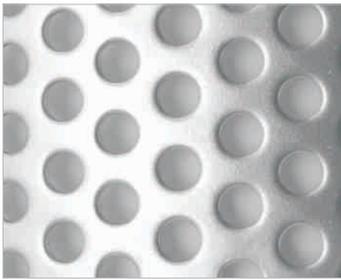


# ECT Filter

## Single Bag Filter Series

### Overview

ECT single-bag filter housings with top inlet and bottom outlet are the best choice for cost-effective industrial and commercial applications. Cast construction results in a compact, yet heavy-duty design. Fluid enters at the center of the bags and smoothly flows down, minimizing turbulence during the filtration process. Improved efficiency and longer service life of filter bags are the desirable result. A hinged cover with swing-bolt closure is designed to withstand high pressures. It opens and closes quickly and easily, adapting to different opening directions and allowing for a quick bag change-out. The cover directly compresses the filter bag seal-ring, eliminating the possibility of bypass.



Stainless steel baskets



No-bypass seal-ring closure



### Specifications

Max. Flow Rate: 40 m<sup>3</sup>/h  
 Max. Operat Temp: 150° C  
 Max. Operat 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

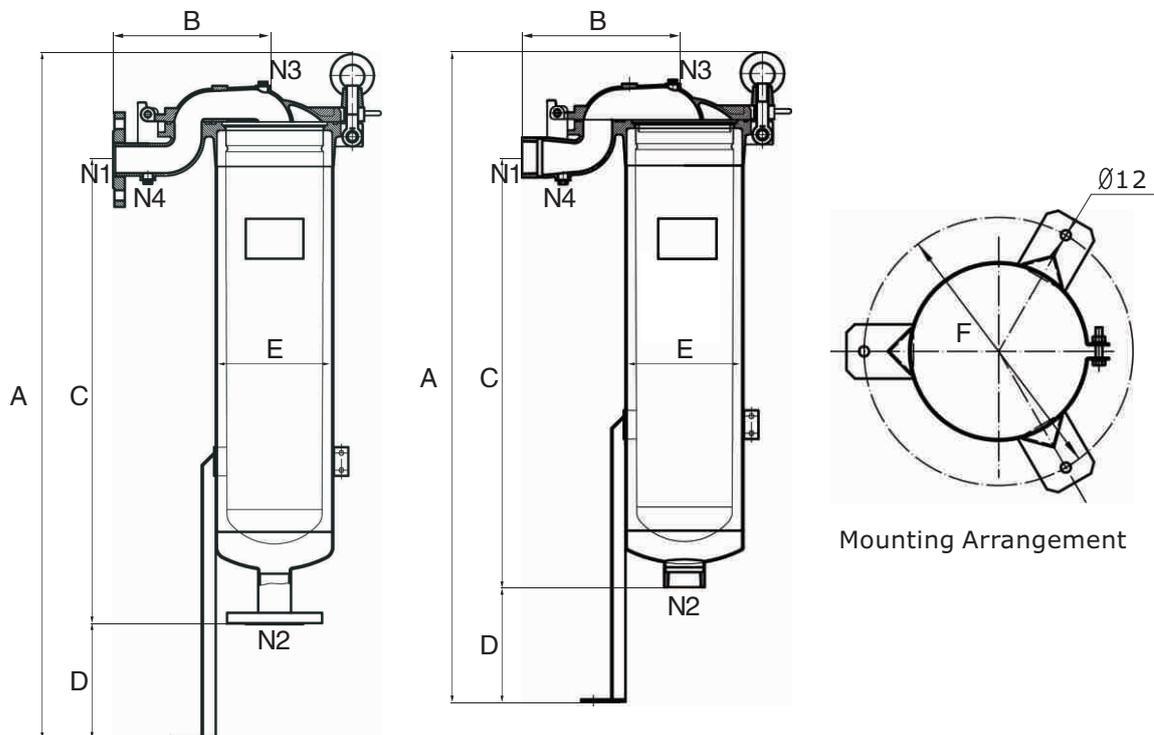
- Pulp and Paper
- Food and Beverage
- Metal Working Fluids
- Chemical Processing
- Paints, Inks, Resins and Coatings
- Automotive
- Electronics
- Pharmaceutical
- Petrochemicals

### Features

- Improved efficiency and longer service life of filter bags as fluid enters at the center of the bag and smoothly flows down, minimizing turbulence.
- Easy to install adjustable mounting legs.
- Cast construction results in a compact, yet heavy-duty design.
- Cover directly compresses the filter bag seal-ring, eliminating the possibility of bypass .
- Hinged cover opens and closes quickly and easily, adapting to different opening directions.
- Easy bag change-out.

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# Single Bag Filter Series



Dimensions	Size 02	mm (inches)	Size 01	mm (inches)
A	Flange: 1196 (47)	Thread: 1135 (45)	Flange: 842 (33)	Thread: 782 (31)
B	281 (11)			
C	Flange: 811 (32)	Thread: 751 (30)	Flange: 450 (18)	Thread: 402 (16)
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) ①	
Vent Valve (N3)	1/2" FNPT	
Drain (N4)	1/2" FNPT	
Max. Operat Pressure	10 bar (145 psi)	
Max. Operat Temp	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	33 kg (73 lb)	29 kg (64 lb)

① NPT available or request

## Order Information

ILB	E	01	01	D	10	50	B	ECT
Code: ILB	Material: E - SS 304 S - SS 316 L	No. of Bags: 01	Bag size: 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 materials: B - BUNA N E - EPDM S - SILICON V - VITON T - FEP+FPM	Stand: ECT Optional : M - Modified

## Feature-Tec

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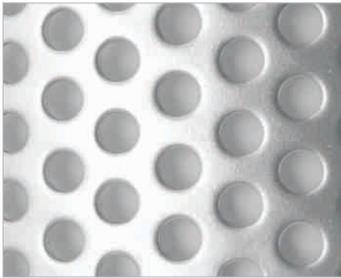


# ECF Filter

## Single Bag Filter Series

### Overview

ECF is an economical single-bag filter of simple structure and easy maintenance. The basket support and a smooth finish of the interior of the vessel allows for easy cleaning and bag installation. Side inlet and vent connections allow cover to open without the need to disconnect piping, making bag change-out quick and convenient. Widely used in water industry due to solid, yet economical construction.



Stainless steel baskets



### Specifications

Max. Flow Rate: 40 m<sup>3</sup>/h  
 Max. Operat Temp: 150° C  
 Max. Operat 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

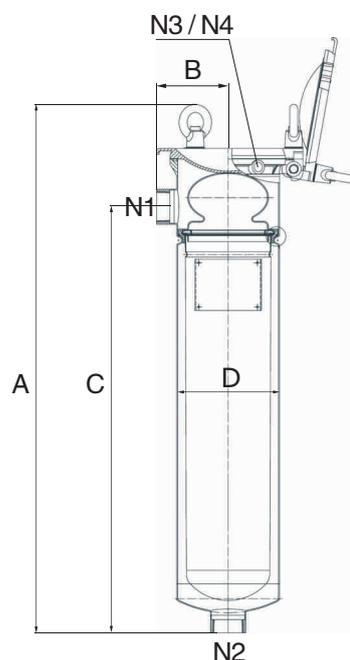
### Applications

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

### Features

- Solid, yet economical easy-maintenance single-bag filter.
- Smooth interior and basket support for easy cleaning and bag installation.
- Adaptable lid position for great accessibility.
- Convenient and robust swing eye-bolt closure.
- Electro-polished stainless steel perforated plate basket offers perfect bag support.

# Single Bag Filter Series



Dimensions	Size 02	mm (inches)	Size 01	mm (inches)
A	1045 (41)		804 (32)	
B		142 (6)		
C	850 (33)		600 (24)	
D		190 (7)		

Specifications	Size 02	Size 01
Inlet (N1) / Outlet (N2)	DN50 (2" BSP) ①	
Vent Valve (N3) / Drain (N4)	1/2" FNPT	
Max. Operat Pressure	10 bar (145 psi)	
Max. Operat Temp	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)

① NPT available or request

## Order Information

ILB	E	01	01	D	10	50	B	ECF
Code: ILB	Material: E - SS 304 S - SS 316 L	No. of Bags: 01	Bag size: 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 materials: B - BUNA N E - EPDM S - SILICON V - VITON T - FEP+FPM	Stand: ECF Optional : M - Modified

## Feature-Tec

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# Speedo® Filter

## Multi Bag Filter Series

### Overview

Our Speedo® series of multi-bag filters features a self-balancing V-clamp locking mechanism, a break-through from old-fashioned designs. Its single-handed, user-friendly operation makes Speedo® your ideal choice for high-volume applications that require repeated bag change-outs. Minimal downtime reduces operating costs and makes batch processes easy to handle. Efficiency is highly improved by a fully-interlocked design that guarantees safety under any conditions. Cost-effective bag filtration ensured by a rugged, corrosion-free V-clamp and exclusive proprietary screw-drive for years of smooth service.



Self-balanced hinge



V-clamp closure



### Specifications

Max. Flow Rate:

3	4	6	8	12	17	23	bags
120	160	240	320	480	680	920	m <sup>3</sup> /h

Max. Operat Temp: 150° C

Max. Operat Pressure: 10 bar

### Options

No. of Bags: 3 / 4 / 6 / 8 / 12 / 17 / 23

Bag size: Size 02 / Size 01

Inlet & outlet: DIN / ANSI

Materials: SS 304 / SS 316 L

Seal Media: BUNA N / EPDM / VITON  
/ SILICON / FEP+FPM

### Applications

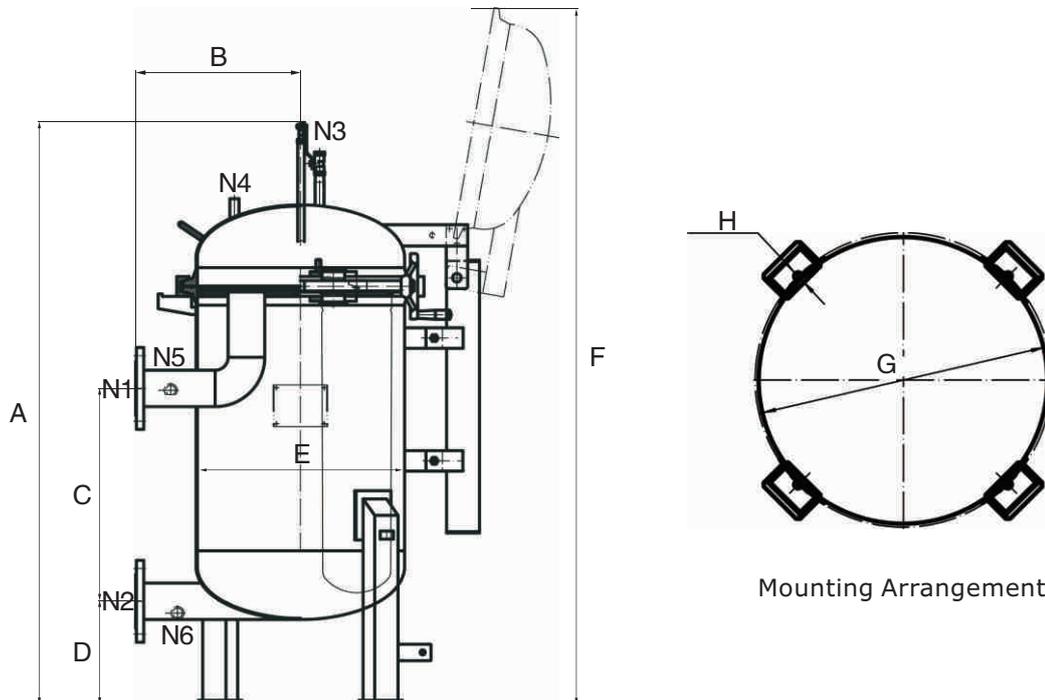
- Automotive Coatings ■ Electronics
- Copper Foil ■ Silicon Industry
- Food and Beverage
- Pulp and Paper
- Paints, Inks, Resins and Coatings

### Features

- Self-balancing V-clamp locking mechanism for fast and easy operation.
- Single-handed, user-friendly operation, ideal for high-volume applications with repeated bag change-outs.
- Minimal downtime reduces operating costs.
- Fully interlocked design for safety under any conditions.
- Proprietary screw-drive for years of smooth service.
- Rugged, corrosion-free V-clamp ensure cost-effective bag filtration.

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# Multi Bag Filter Series



Mounting Arrangement

mm (Inches)

Dimensions	3 bags	4 bags	6 bags	8 bags	12 bags	17 bags	23 bags
A	1420 (56)	1415 (56)	1426 (56)	1514 (59)	1601 (63)	1643 (65)	1701 (67)
B	400 (16)	450 (18)	500 (20)	575 (23)	650 (26)	750 (30)	820 (32)
C	520 (20)	527 (21)	450 (18)	528 (21)	528 (21)	450 (18)	535 (21)
D	250 (10)	250 (10)	250 (10)	250 (10)	250 (10)	250 (10)	250 (10)
E	500 (20)	550 (22)	600 (24)	750 (30)	950 (37)	1050 (41)	1200 (47)
F	1710 (67)	1791 (71)	1831 (72)	2031 (80)	2313 (91)	2438 (96)	2586 (102)
G	520 (20)	572 (23)	622 (24)	777 (31)	940 (37)	1049 (41)	1198 (47)
H	Ø14	Ø14	Ø14	Ø14	Ø24	Ø24	Ø24

Specifications	3 bags	4 bags	6 bags	8 bags	12 bags	17 bags	23 bags
Inlet (N1) / Outlet (N2)	DN80 (3")	DN100 (4")	DN150 (6")	DN150 (6")	DN200 (8")	DN250 (10")	DN250 (10")
Vent Valve (N3)	DN15 (1/2")						
Pressure Gauge (N4)	DN15 (1/2")						
Drain (N5/N6)	DN32 (1 1/4")						
Max. Operat Pressure	10 bar (145 psi)						
Max. Operat Temp	150°C						
Vessel Volume	180 L (48 Gal)	225 L (59 Gal)	274 L (72 Gal)	450 L (119 Gal)	750 L (198 Gal)	995 L (263 Gal)	1336 L (353 Gal)
Sealing Ring (Optional)	BUNA N / EPDM / VITON / SILICON / FEP+FPM						
Vessel material	SS 304 / SS 316 L						
Net Weight	155 kg (342 lb)	210 kg (463 lb)	255 kg (562 lb)	315 kg (694 lb)	620 kg (1367 lb)	880 kg (1940 lb)	1000 kg (2205 lb)

## Order Information

ILB	E	06	02	D	10	100	T	QV
Code:	Material:	No. of Bags:	Bag size:	Connections:	Design	Inlet / Outlet	Ring	Stand:
ILB	E - SS 304	03	01	D - DIN	Pressure:	diameter:	materials:	QV
	S - SS 316 L	04	02	A - ANSI	10 - 10 bar	80 - 3"	B - BUNA	Optional :
		06			(145 psi)	100 - 4"	E - EPDM	DL - davit lifter
		08				150 - 6"	S - SILICON	
		12				200 - 8"	V - VITON	
		17				250 - 10"	T - FEP+FPM	
		23						

## Feature-Tec

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# BVM Filter

## Multi Bag Filter Series

### Overview

Feature Tec's BVM multi-bag filter features side inlet and bottom outlet, providing easy and complete drainage. The convenient tangential bottom outlet reduces housing height, making bag change-out easy and safe. A standard eye-bolt closure is equipped with the Feature-Tec spring-balance head lifting system for quick access to the interior. The lid can be easily positioned at any angle by a single worker with only one hand. Inside, Feature-Tec's unique 3-point bag seal clamp assures bypass-free performance under any conditions.



Self-Balanced hinges



Eye-bolt closure



### Specifications

Max. Flow Rate:

3	4	6	8	12	17	23	bags
120	160	240	320	480	680	920	m <sup>3</sup> /h

Max. Operat Temp: 150° C

Max. Operat Pressure: 10 bar

### Options

No. of Bags: 3 / 4 / 6 / 8 / 12 / 17 / 23

Bag size: Size 02 / Size 01

Inlet & outlet: DIN / ANSI

Materials: SS 304 / SS 316 L

Seal Media: BUNA N / EPDM / VITON  
/ SILICON / FEP+FPM

### Applications

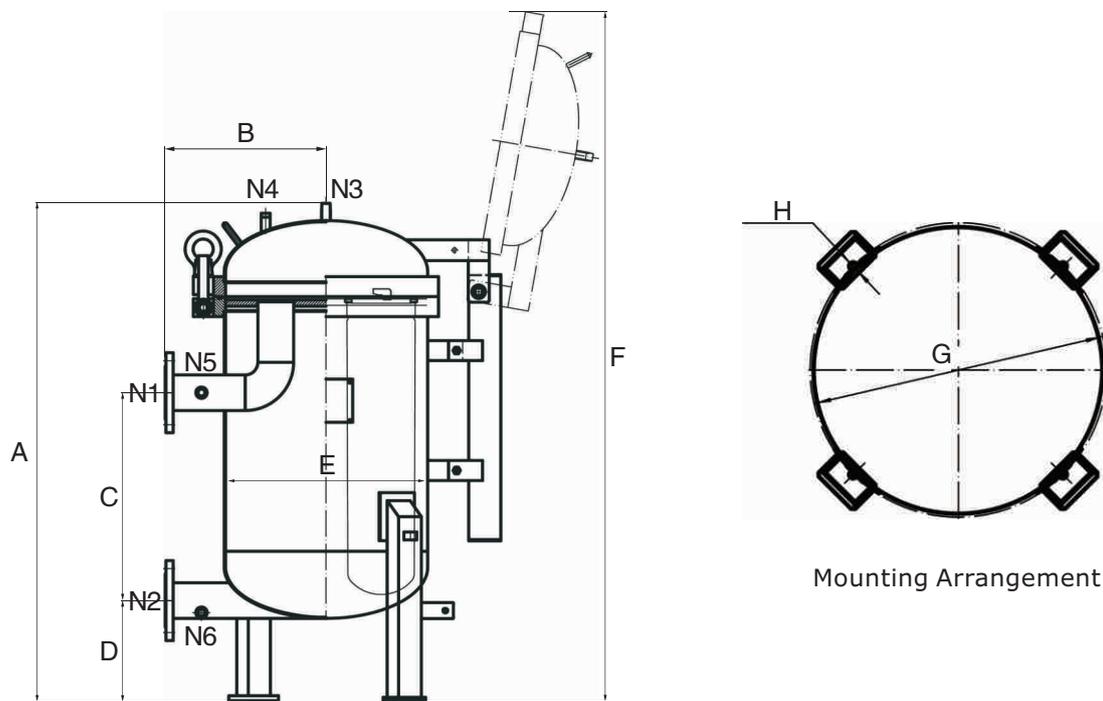
- Automotive Coatings ■ Electronics
- Copper Foil ■ Silicon Industry
- Food and Beverage
- Pulp and Paper
- Paints, Inks, Resins and Coatings

### Features

- Side inlet and bottom outlet for easy and complete drainage.
- Tangential bottom outlet and spring-balance head lifting system make bag change-out easy and safe.
- Self-balancing locking mechanism for fast and easy operation.
- Single-handed, user-friendly operation, ideal for high-volume applications.
- Exclusive 3-point bag seal clamp assures bypass-free performance under any conditions.
- Easy to operate, economical and practical.

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# Multi Bag Filter Series



Mounting Arrangement

mm (Inches)

Dimensions	3 bags	4 bags	6 bags	8 bags	12 bags	17 bags	23 bags
A	1244 (49)	1260 (49)	1255 (49)	1351 (53)	1437 (57)	1470 (58)	1557 (61)
B	400 (16)	420 (17)	500 (20)	575 (23)	650 (26)	750 (30)	820 (32)
C	520 (20)	527 (21)	450 (18)	528 (21)	528 (21)	450 (18)	535 (21)
D	250 (10)	250 (10)	250 (10)	250 (10)	250 (10)	250 (10)	250 (10)
E	500 (20)	550 (22)	600 (24)	750 (30)	950 (37)	1050 (41)	1200 (47)
F	1723 (68)	1818 (72)	1860 (73)	2104 (82)	2355 (93)	2451 (96)	2631 (104)
G	520 (20)	572 (23)	622 (24)	777 (31)	940 (37)	1049 (41)	1198 (47)
H	Ø14	Ø14	Ø14	Ø14	Ø24	Ø24	Ø24

Specifications	3 bags	4 bags	6 bags	8 bags	12 bags	17 bags	23 bags
Inlet (N1) / Outlet (N2)	DN80 (3")	DN100 (4")	DN150 (6")	DN150 (6")	DN200 (8")	DN250 (10")	DN250 (10")
Vent Valve (N3)	DN15 (1/2")						
Pressure Gauge (N4)	DN15 (1/2")						
Drain (N5/N6)	DN32 (1 1/4")						
Max. Operat Pressure	10 bar (145 psi)						
Max. Operat Temp	150°C						
Vessel Volume	180 L (48 Gal)	225 L (59 Gal)	274 L (72 Gal)	508 L (134 Gal)	750 L (198 Gal)	995 L (263 Gal)	1336 L (353 Gal)
Sealing Ring (Optional)	BUNA N / EPDM / VITON / SILICON / FEP+FPM						
Vessel material	SS 304 / SS 316 L						
Net Weight	155 kg (342 lb)	180 kg (397 lb)	255 kg (562 lb)	300 kg (661 lb)	600 kg (1322 lb)	870 kg (1918 lb)	960 kg (2116 lb)

## Order Information

ILB	E	06	02	D	10	100	T	VM
Code:	Material:	No. of Bags:	Bag size:	Connections:	Design	Inlet / Outlet	Ring	Stand:
ILB	E - SS 304	03	01	D - DIN	Pressure:	diameter:	materials:	VM
	S - SS 316 L	04	02	A - ANSI	10 - 10 bar	80 - 3"	B - BUNA	Optional :
		06			(145 psi)	100 - 4"	E - EPDM	DL - davit lifter
		08				150 - 6"	S - SILICON	
		12				200 - 8"	V - VITON	
		17				250 - 10"	T - FEP+FPM	
		23						

## Feature-Tec

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