



## Side Entry Bag Filter Housings

HMGCF Series Side Entry Bag Filter Housings are economic single bag filter housings for standard filter bags used for the coarse filtration and prefiltration. The side entry and bottom out or side entry and side out design save the filter space effectively. The pressure ring and spring at the bag mouth ensure a good seal between the housing and the filter bag. With adjustable feet, the installation dimensions can be quickly adjusted according to the actual space.

## APPLICATIONS

- General water treatment
- RO prefiltration
- Prefiltration for liquids in food and beverage, pharmaceuticals, chemicals, microelectronics industries

## BENEFITS

- Side entry and bottom out or side entry and side out design save the filter space effectively.
- Adjustable feet for adjustable installation dimensions.

## PRODUCT SPECIFICATIONS

### Body

SS 304, SS 316L

### Eyebolt

SS304

### Feet

SS304

### O-ring/Gasket

EPDM, PTFE, Viton, Silicone

## CONNECTIONS

### Body Connection

Flange

### Inlet/ outlet N1、 N2

Flange, Quick Install, Thread

### Pressure Gage N3 (optional)

1.5" Quick Install (size 1 / size 2 Bag)  
M14 x 1.5 Internal Thread (size 3 / size 4 Bag)

### Drain N4 (optional)

1/4" External Thread

## SURFACE POLISHING

### Polishing Type

Mechanical polishing,  
Electrolytic polishing,  
Abrasive blasting

### Polishing pPrecision

Inside 0.6μm,  
Outside 0.8μm,  
Support basket 0.6μm

## PERFORMANCE

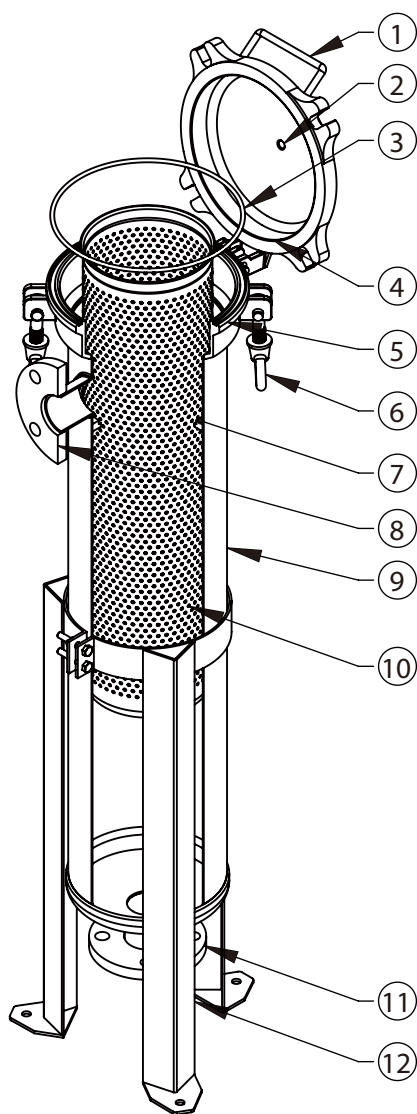
### Max Operation Pressure

0.6 MPa, 1.0 MPa

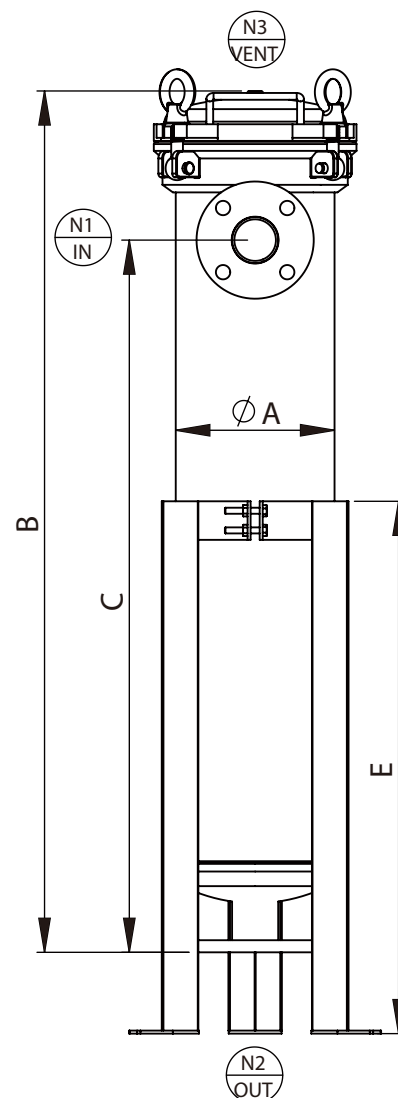
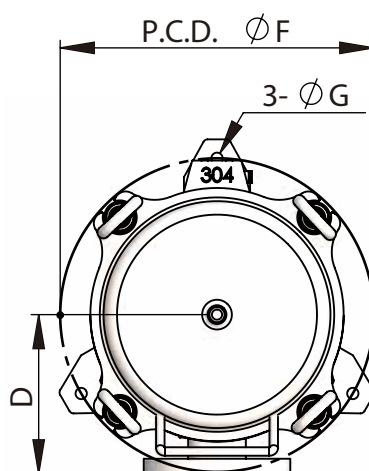
### Max Operation Temperature

150°C

Dimensions	Moulded lid/Flat lid		Flat lid	
	Size 1 Bag	Size 2 Bag	Size 3 Bag	Size 4 Bag
A: Total height(except pressure gage)	990	1365	525	635
B: Inlet center distance	147		92	
C: Diameter	Φ204	Φ204	Φ114	Φ114
D1: Terrain clearance of inlet	835	1205	445	555
D2: Terrain clearance of outlet	250		300	
Inlet/outlet N1, N2	1.5" / 2"		1" / 1.5"	
E: Adjustable feet	500	800	300	400
Max. Flow rate m <sup>3</sup> /h	20	40	6	12



No.	Description
1	Handle
2	Vent
3	O-ring
4	Top cover
5	Shell Flange
6	Eye bolt
7	Filter Bag Plate
8	Port inlet
9	Shell
10	Basket
11	Port outlet
12	Support Leg



## ORDERING CODE

Example : HMGC-2R-2S-F-A-4-P

	Filter Bag QTY.	Filter Bag Size	Inlet/outlet Connection	Surface Treatment
HMGC	1R = 1 Pcs 2R = 2 Pcs 3R = 3 Pcs 4R = 4 Pcs 5R = 5 Pcs 8R = 8 Pcs 12R = 12 Pcs 17R = 17 Pcs 23R = 23 Pcs	1S = Size 1: Ø180x430 2S = Size 2: Ø180x810 3S = Size 3: Ø105x230 4S = Size 4: Ø105x380	F = Flange K = Quick Install L = Thread	A = Sand Blasting B = Mirror Polish C = Electrolytic Polish
	Body Material	Seal Material		
	4 = SS 304 6 = SS 316L	E = EPDM P = PTFE V = Viton S = Silicone		