



Bag Filter Housings Made of Stainless Steel

Filter bag housings made of stainless steel, designed for use with bag filters. Available in top-inlet, side-inlet, and economical variants. The construction ensures high corrosion resistance, mechanical strength, and ease of operation. A large filtration surface, high dirt-holding capacity, and a wide range of connections and sealing materials make the Allfil HBS, HBT, and HBSC housings ideal for liquid filtration applications in the chemical, food, pharmaceutical, and other demanding industries.

All our housings are manufactured in compliance with PED 2014/68/EU.

Technical data

Material of construction:

Stainless Steel (304, 316, 316L 316Ti)

Gaskets:

buna-n, EPDM, Silicone, Teflon, Viton

Max flow rate:

Size 1 - 20 m³/godz.

Size 2 - 40 m³/godz.

Size 3 - 6 m³/godz.

Size 4 - 12 m³/godz.

Filter housing volume:

Size 1 – 19l

Size 2 – 35l

Size 3 – 3-4l

Size 4 – 4-5l

Filter area:

Size 1 - 0,25 m²

Size 2 - 0,50 m²

Size 3 - 0,05 m²

Size 4 - 0,10 m²

Dimensions

Installation area:

app. 700x700mm (rozmiar 1, 2)

app. 400x400mm (rozmiar 3, 4)

Operating parameters

Max operating temperature:

100°C/ 160°C

Max pressure:

10 bar

FEATURES

- Low pressure drop
- Easy to clean
- Adjustable legs
- For filters – size 1,2,3,4 compatible with most filterbags
- Sandblasted external coat by glass balls and other media
- Inlet/ outlet according to customer's request
- Cover opened by eye nuts
- Housing as strainer or as bag filter

OPTIONAL FEATURES

- Electropolished surface
- Heating/ Cooling Jacket
- Different inlet/ outlet connection
- Valves, Pumps
- Mesh strainers (25-800 micron)
- Liquid displacers
- Bag positioner
- Pressure gauge (10 bar) G 3/8"
- Magnetic insert ALL-MAGNETIC
- Differential pressure indicators

CONNECTIONS AVAILABLE

- Muff (1,2,3 inch), thread BSP inside
- Nipple (1, 2, 3 inch) thread BSP outside
- Flange ½ inch – 10 inch
- Tri-clamp
- Camlock
- Pipe for welding
- Hygienic connectors
- DIN 11851

ORDERING INFORMATION

HBS **1** **2** **4** **T1** **F2** **10/100** **PS** **V**

MODEL OF HOUSING

HBS side inlet housing, industrial
HBT top inlet housing, industrial
HBSC side inlet housing, economical

Number of filter bags:

1 - 1 filter bag

SIZE OF HOUSING:

2 surface area 0.50m²
1 surface area 0.25m²
4 surface area 0.10m²
3 surface area 0.50m²
X1 for filter bag FSI 100

MATERIAL OF HOUSING

2 carbon steel
2Z carbon steel galvanized
4 stainless steel AISI 304
6 stainless steel AISI 316
6L stainless steel AISI 316L

TYPE (INLET/OUTLET CONFIGURATION)

See below chart

T1, T2, T3, T4, T5 or **T6** –custom configuration

CONNECTION (TYPE I SIZE)

M1 Muff 1 inch, thread BSP inside
M1.50 Muff 1 ½ inch, thread BSP inside
M2 Muff 2 inch, thread BSP inside
M3 Muff 3 inch, thread BSP inside
N1 Nipple 1 inch, thread BSP outside
N2 Nipple 2 inch, thread BSP outside
N3 Nipple 3 inch, thread BSP outside
F0.50 Flange ½ inch (DN 15)
F0.75 Flange ¾ inch (DN 20)
F1 Flange 1 inch (DN 25)
F1.25 Flange 1 ¼ inch (DN 32)
F1.50 Flange 1 ½ inch (DN 40)
F2 Flange 2 inch (DN 50)
F2.50 Flange 2 ½ inch (DN 65)
F3 Flange 3 inch (DN 80)
F4 Flange 4 inch (DN 100)
F5 Flange 5 inch (DN 125)
F6 Flange 6 inch (DN 150)
F8 Flange 8 inch (DN 200)
F10 Flange 10 inch (DN 250)

Other on request, all sizes available:

TC Tri-clamp
CL Camlock
NN Pipe for welding
DIN Hygienic connections, milk pipe DIN 11851

GASKET

B Buna-N (NBR, Nitrile)
E EPDM
V VITON
T TEFLON
S Silicone

SURFACE

PS Sandblasting (satin)
EP Electro polishing
MP Mechanical polishing
EMP Electro and mechanical polishing

MAX. PRESSURE /MAX TEMPERATURE

Max Bars / Max °C

