



*Hand wheel operated davit assembly cover,
rugged eye-bolt cover closure*

Wide range of high quality ALLFIL's multi housings for filter bags. Large filtration area, large dirt capacity. Made of Stainless Steel and Carbon Steel. For number of filter bags from 3 pieces up to 24! Variety of connections and materials of gaskets available. All these make ALLFIL HBMA housings ideal for wide range of applications.

All housings are manufactured according to PED 97/23/EC.

Technical data

Material of construction:

Stainless steel (304, 316)

Gaskets:

buna-n, EPDM, Silicone, Teflon, Viton

Max flow rate– number of filter bags:

120 m³/hr – 3
200 m³/hr – 5
240 m³/hr – 6
320 m³/hr – 8
400 m³/hr – 10
480 m³/hr – 12
750 m³/hr – 24

Filter area / number of filter bags:

1.5 m²/3
2.5 m²/5
3.0 m²/6
4.0 m²/8
5.0 m²/10
6.0 m²/12
12.0 m²/24

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 2 compatible with most filterbags
- Sandblasted external coat by glass balls
- Inlet/ outlet according to customer's request
- Lid secured with eye bolt
- Housing as strainer or as bag filter

OPTIONAL FEATURES

- Electropolished/ Mechanical polished surface
- Heating/ Cooling Jacket
- Any inlet/ outlet connection
- Valve, Pump
- Mesh strainers (25-2000 micron)
- Liquid displacers
- Bag positioner
- Pressure gauge (10 bar)
- Magnetic insert ALL-MAGNETIC
- Differential pressure indicators

CONNECTIONS AVAILABLE

- Thread BSP inside
- Thread BSP outside
- Flange ½ inch – 10 inch
- Tri-clamp
- Camlock
- Pipe for welding
- Hygienic connectors
- DIN 11851

ORDERING INFORMATION

HBMA	DT	3	4	T1	F2	10/100	PS	T
-------------	-----------	----------	----------	-----------	-----------	---------------	-----------	----------

MODEL OF HOUSING
HBMA - multi bag housing

CLOSURE METHOD
DT davit

NUMBER OF FILTER BAGS

	Max flow	Filter area
3	max V =120 m3/H	1,5 m2
5	max V =200 m3/H	2,5 m2
6	max V =240 m3/H	3,0 m2
8	max V =320 m3/H	4,0 m2
10	max V =400 m3/H	5,0 m2
12	max V =480 m3/H	6,0 m2
24	max V =750 m3/H	12,0 m2

MATERIAL OF HOUSING

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, T6, T7, T8, T9

CONNECTION (INLET /OUTLET CONFIGURATION)

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	Nipple1 inch, thread BSP outside
N2	Nipple2 inch, thread BSP outside
N3	Nipple3 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)

Other on request, all sizes available:

TC	Tri-clamp
CL	Camlock
NN	Rura pod spaw
DIN	Złącza higieniczne. mleczarskie DIN 11851

GASKET

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

SURFACE FINISH

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

MAX. PRESSURE /MAX TEMPERATURE
Max Bars / Max °C

