

# The Murdock Company, Inc.



## MicroExact™ MBF SERIES

### Bag Filter Housings

We manufacture bag filter housings for #1, #2, #3 and #4 filter bags in 304L stainless steel, 316L stainless steel and carbon steel. Housings are designed for flow rates to 180 GPM (40 M2/Hr), pressure ratings to 150 psi (10 bar) and for temperatures to 300° F. Standard features include band clamp or swing-bolt lid closures, adjustable legs, 2" NPT pipe fittings and down-flow design. Options include flange and BSP fittings, electro-polishing for increased resistance to corrosion and 300 psi pressure rating. Protective poly-coat over stainless steel is the standard finish.

## Features

- Designed for industrial and commercial filtration applications
- Heavy-duty stainless steel construction for durability
- 304L, 316L and carbon steel available
- Band clamp and swing-bolt lid closures
- Pipe fittings readily accessible for easy installation
- Hold down spring for superior sealing
- Stainless steel filter baskets are standard
- Adjustable legs included
- Custom fittings and electro-polishing available



Adjustable legs

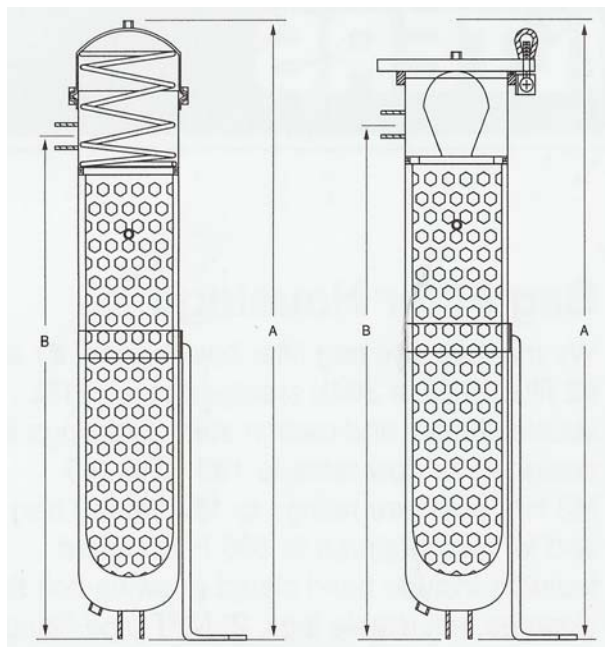
## Specifications

Model number	#1 Bag Band Clamp	#1 Bag Swing -Bolt	#2 Bag Band Clamp	#2 Bag Swing-Bolt	#3 Bag Band Clamp	#4 Bag Band Clamp
Product code, 304L	MBFA-1C-2	MBFA-1SB-2	MBFA-2C-2	MBFA-2SB-2	MBFA-3C-1.5	MBFA-4C-1.5
Product code, 316L	MBFS-1C-2-316	MBFS-1SB-2-316	MBFS-2C-2-316	MBFS-2SB-2-316	MBFS-3C-1.5-316	MBFS-4C-1.5-316
Product code, carbon steel	MBFC-1C-2	MBFC-1SB-2	MBFC-2C-2	MBFC-2SB-2		
Flow rate, maximum GPM	90	90	180	180	25	50
Standard bag size	7" X 16"	7" X 16"	7" X 32"	7" X 16"	4" X 8"	4" X 16"
Number of bags	1	1	1	1	1	1
Standard pipe size	2" NPT	2" NPT	2" NPT	2" NPT	1 1/2" NPT	1 1/2" NPT
Standard drain size	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT
Pressure rating (psi/bar)	150/10	150/10	150/10	150/10	150/10	150/10
Temperature rating (max. F/C)*	300°/149°	300°/149°	300°/149°	300°/149°	300°/149°	300°/149°
Vessel diameter	8"	8"	8"	8"	5"	5"
Filter height	30"	31-1/2"	46"	47-1/2"	19"	23"
Shipping weight, stainless models	38 lbs.	73 lbs.	48 lbs.	73 lbs.	15 lbs.	20 lbs.
Shipping weight, carbon steel	48 lbs.	83 lbs.	57 lbs.	83 lbs.		

\*Housing only: flow rates for guidelines only. Actual flow rate are based on fluid, viscosity, cartridge, micron rating and other factors

### Band Clamp Closer

### Swing-Bolt Closer



Dimensions Model	A	B	Dia.
#1 Band Clamp	30"	21-5/8"	8"
#1 Swing-Bolt	30"	21-5/8"	8"
#2 Band Clamp	46"	37-5/8"	8"
#2 Swing-Bolt	46"	37-5/8"	8"
#3 Band Clamp	16 9/16"	10-3/8"	5"
#4 Band Clamp	22 7/8"	16-11/16"	5"

**Note:**

Information contained in this bulletin is believed to be reliable. It is the users responsibility to determine the suitability. Major factors to consider include in the filtrate, temperature, pressure, solids content, and micron rating of the filter bag.

### Standard Features



Stainless steel baskets



Differential gauge ports

### Spare Parts

Part Number	Description	Part Number	Description
H005-S	#1 & #2 Cover clamp, stainless	A2014-SB	Eye nut
H002-S	#1 & #2 Head cover, stainless	H708-S	Washer for swing-bolt models
B505-S	#3 & #4 Cover clamp, stainless	H002-C	Head cover, band clamp, carbon steel
B550-S	#3 & #4 Head cover, stainless	H001-SB-C	Head cover, swing-bolt, carbon steel
B103-S	Vent plug, 1/4" stainless		
H011-S	Drain plug, 1/2" stainless		
H701-S	#1 filter basket, stainless		
H702-S	#2 filter basket, stainless		
D072-S	#3 filter basket, stainless		
D074-S	#4 filter basket, stainless		
H404-S	#1 & #2 Hold down spring s/s		
H516-S	#3 & #4 Hold down spring s/s		
H706-S	#1 & #2 Adjustable legs s/s		
H720-S	Head, swing-bolt, stainless		
C016-S-4	Swing-bolt rod		
		<b>#1 &amp; #2 size</b>	
		<b>Head gasket options:</b>	<b>Basket gasket options:</b>
		H017-B Buna-N	H710-B Buna-N
		H017-EPR EPDM	H017-EPR EPDM
		H017-T Teflon	H017-T Teflon
		H017-V Viton	H017-V Viton
		<b>#3 &amp; #4 size</b>	
		<b>Head gasket options:</b>	
		B017-B Buna-N	
		B017-EPR EPDM	
		B017-T Teflon	
		B017-V Viton	

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