FIL-TREK

Fischer-Robertson, Inc.
3890 Symmes Road
Hamilton, OH 45015
ph 513-860-3445 fx 513-860-4744
www.fischer-robertson.com

BMB SERIES

Multi-Bag Filter Housings

- Multi-Bag Filter Housing
- ASME Design/Industrial Design
- Universal

Multi-purpose industrial design non-code and ASME "U" code housings.

SUITABLE USES

Air & Gas | Desalination | Coolant | Water | Electronics | Coatings

Oil & Gas | Chemical | Pulp & Paper | Power | Marine | Equipment

MEDIA	Accepts multiple double length (P2) bags.
DESIGN PRESSURE	150psig (10.3bar) @ 400 F (204.4 C)
AVAILABLE MATERIALS	Vessels available in carbon or stainless steel 304 or 316. *Also available in LDX2101, C276, AL6XN, 2205, 2507, and Monel 400.*
ADDITIONAL FEATURES	BMB housings allow for easy filter bag removal and do not require ladders or platforms to change the filter bags. Swing bolt closure allows for quick bag change out.

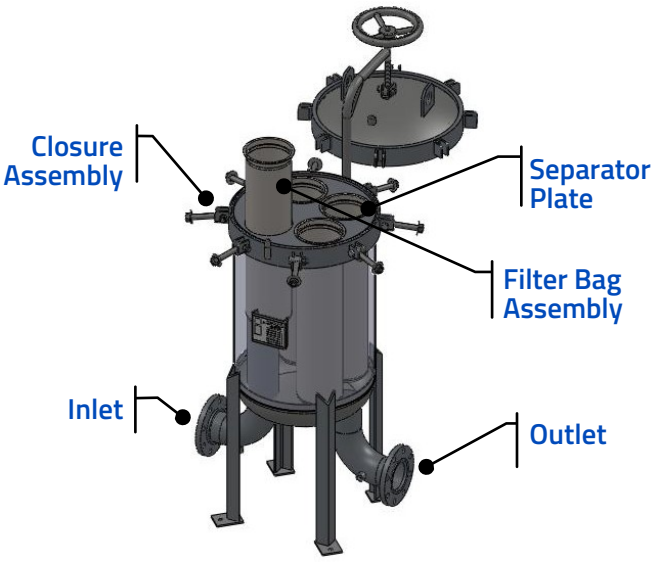
Custom sizes, configurations, materials of construction and other options may be available.

BMB SERIES
Multi-Bag Filter Housings

- Multi-Bag Filter Housing
- ASME Design/Industrial Design
- Universal

HOUSING SPECIFICATIONS

Inlet/Outlet	**2"Flange -18"Flange**
Dirty Drain	**½"NPT**
Clean Drain	**2"NPT**
Vent	**½"NPT**
Gauges	**½" NPT**
Basket	**1/8" on 3/16" perforated plate** *Other basket options available.
Certifications	U, UM, CE, NB, CRN



MODEL FLOW RATES

MODEL	# OF FILTERS	FLOW RATE GPM	STD INLET / OUTLET
BMB16	2	250	4"
BMB18	3	375	4"
BMB20	4	500	4"
BMB22	4	500	6"
BMB24	6	750	6"
BMB26	7	875	6"
BMB28	7	875	8"
BMB30	9	1125	8"
BMB32	10	1250	8"
BMB34	12	1500	8"
BMB36	13	1625	10"
BMB38	15	1875	10"
BMB40	17	2125	10"
BMB42	19	2375	12"
BMB44	21	2625	12"
BMB46	24	3000	12"
BMB48	26	3250	14"
BMB50	28	3500	14"
BMB52	32	4000	14"
BMB54	34	4250	14"
BMB56	37	4625	14"
BMB58	40	5000	14"
BMB60	43	5375	14"

Flow rates are based on water at 125gpm per bag, using 10 micron single layer filter bags with a clean pressure drop of 2psi. When operating using baskets only, each basket can flow up to 200gpm. Actual flow rates are dependent on fluid viscosity, bag micron rating, type of filter bag, and contaminant. Please contact Fil-Trek for assistance with sizing.

MATERIAL OF CONSTRUCTION

MATERIAL OF CONSTRUCTION	MAX. OPERATING PRESSURE	MAX. DESIGN TEMP
Carbon Steel	150 psig (10.3bar)	400 F (204.4 C)
304 Stainless Steel	150 psig (10.3bar)	400 F (204.4 C)
316 Stainless Steel	150 psig (10.3bar)	400 F (204.4 C)

FIL-TREK

Fischer-Robertson, Inc.
3890 Symmes Road
Hamilton, OH 45015
ph 513-860-3445 fx 513-860-4744
www.fischer-robertson.com

SS/ss

BMB SERIES
Multi-Bag Filter Housings

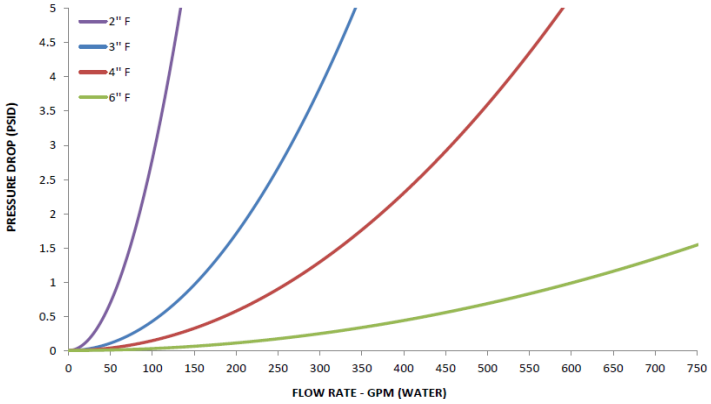
- Multi-Bag Filter Housing
- ASME Design/Industrial Design
- Universal

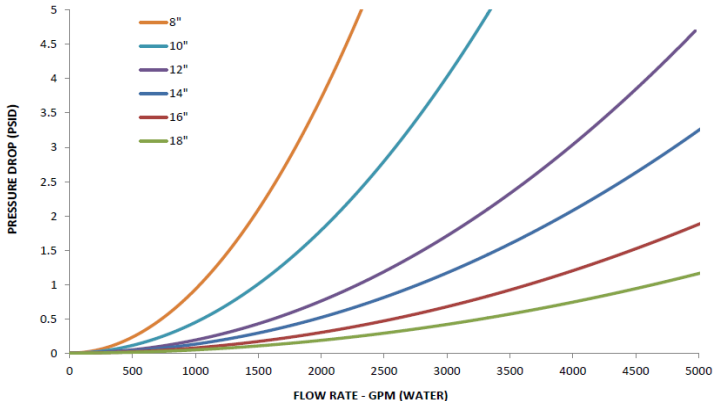
HOUSING OPTIONS

*Indicates standard configuration

Basket Options	**(-) – 1/8" on 3/16" perforated basket*** MB_ _ - Mesh lined basket (insert mesh size in open space)
Finish Options	**(-) – External paint "National Blue"* for carbon steel housings** **(-) – Bead Blast* for stainless steel** 304 and 316) EP1 – Electro polish Inside/Outside EP2 – Inside only EP3 – Outside only PP – Passivation
O-Ring Options	**(-) – Buna-N*** ED – EPDM VI – Viton SI – Silicone TEV – Teflon encapsulated Viton
Head Lift Options	**(-) – K1 – Head lift (standard 18" +)*** **K2 – Hinge (standard 16")*** K3 – Hydraulic Jack Davit Side K4 – Hydraulic Jack Davit Top
Accessories	Direct Reading Gauge DP Gauge Safety Relief Valves Vent Valves Drain Valves Air Eliminator Omega Springs Balloon/Liquid Displacer Bag Magnets

FLOW CHART





FIL-TREK

Fischer-Robertson, Inc.
3890 Symmes Road
Hamilton, OH 45015
ph 513-860-3445 fx 513-860-4744
www.fischer-robertson.com

SS/ss

BMB SERIES
Multi-Bag Filter Housings

- Multi-Bag Filter Housing
- ASME Design/Industrial Design
- Universal

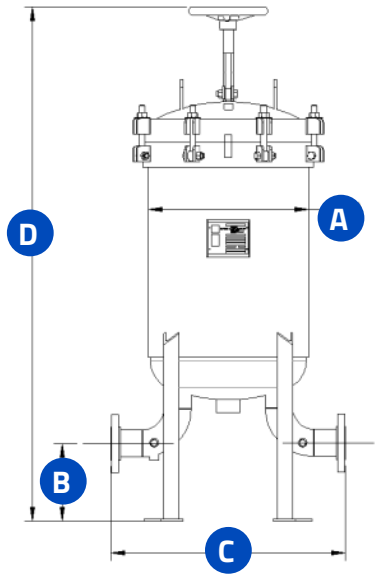
CHART LEGEND

A OUTSIDE DIAMETER

B FLOOR TO INLET

C FACE TO FACE

D OVERALL HEIGHT



MODEL DIMENSIONAL DETAILS

MODEL	SHIPPING WEIGHT (LBS)	A	B	C	D
**BMB16	400	16"	8"	26"	64"
BMB18	425	18"	8"	26"	64"
BMB20	500	20"	8"	28"	66"
BMB22	625	22"	8"	32"	68"
BMB24	725	24"	8"	36"	70"
BMB26	775	26"	8"	34"	72"
BMB28	900	28"	10"	40"	76"
BMB30	1025	30"	10"	40"	78"
BMB32	1200	32"	10"	40"	80"
BMB34	1375	34"	10"	42"	80"
BMB36	1500	36"	12"	48"	84"
BMB38	1625	38"	12"	48"	86"
BMB40	1825	40"	12"	50"	78"
BMB42	2225	42"	12"	56"	82"
BMB44	2350	44"	12"	56"	84"
BMB46	2450	46"	12"	54"	86"
BMB48	2825	48"	14"	60"	90"
BMB50	3150	50"	14"	62"	92"
BMB52	3400	52"	14"	62"	94"
BMB54	3600	54"	14"	64"	96"
BMB56	3800	56"	14"	66"	98"
BMB58	4000	58"	14"	68"	98"
BMB60	4200	60"	14"	68"	100"

Dimensions above are based on standard configuration 'A'. Contact factory for weights and dimensions for all other model configurations

PRODUCT NOMENCLATURE

S6	BMB	18	3	12	6F	-
MOC	MODEL	HOUSING DIAMETER	# OF BAGS	BAG LENGTH	CONNECTION TYPE	OPTIONS
(-) – CARBON **S4** – SS304 **S6** – SS316	**BMB** – ASME CODE **EBMB** – NON ASME	See Table	See table	12 – Size 2	See Table	See Housing Options

FIL-TREK

Fischer-Robertson, Inc.
3890 Symmes Road
Hamilton, OH 45015
ph 513-860-3445 fx 513-860-4744
www.fischer-robertson.com