



# 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. Please contact Fil-Trek*

*For drawings, flow charts, custom applications and filter cartridge information please visit [Fil-Trek.com](http://Fil-Trek.com)*

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## HOUSING SPECIFICATIONS

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

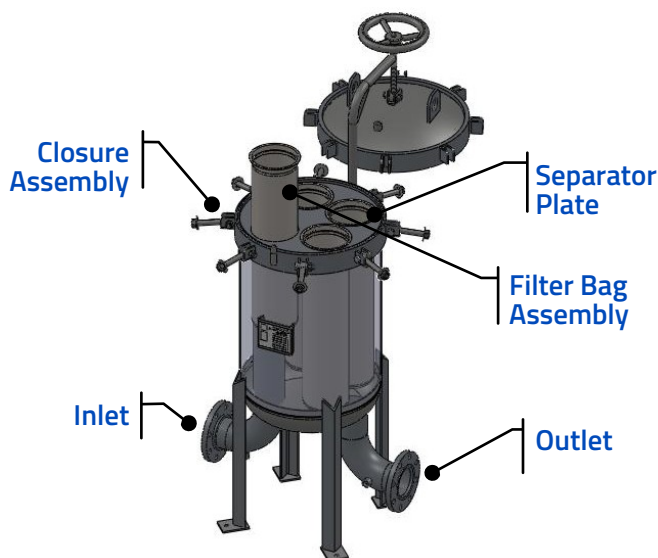
## MODEL FLOW RATES

| 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)  |



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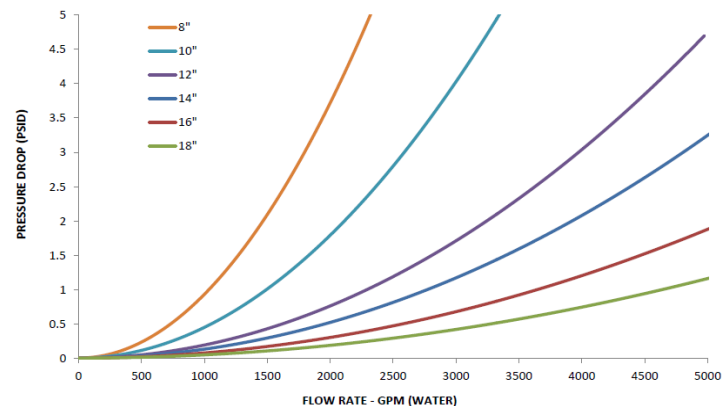
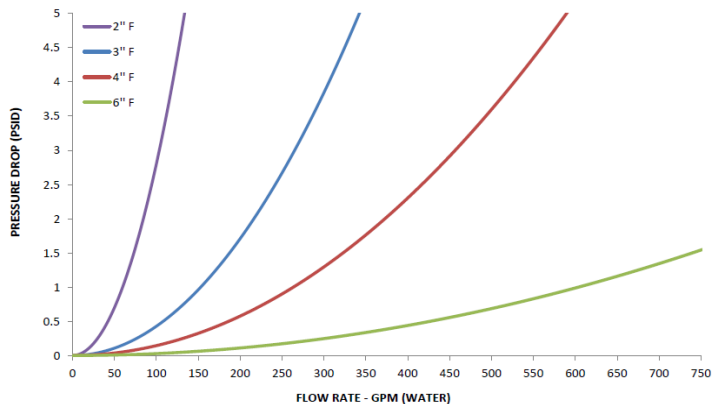


## HOUSING OPTIONS

\*Indicates standard configuration

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

## FLOW CHART



# BMB SERIES

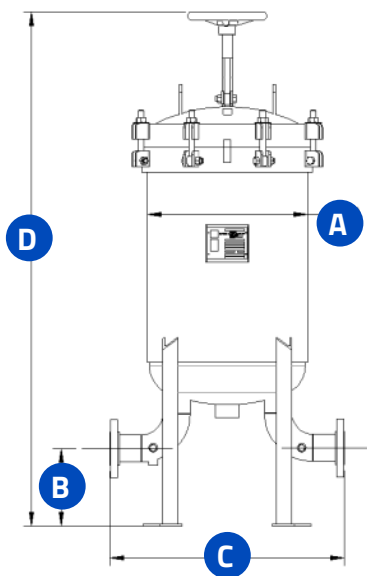
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### CHART LEGEND

- 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<br>S4 – SS304<br>S6 – SS316 | BMB – ASME CODE<br>EBMB – NON ASME | See Table        | See table | 12 – Size 2 | See Table       | See Housing Options |



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For more information, e-mail: [info@fil-trek.com](mailto:info@fil-trek.com) or visit [Fil-Trek.com](http://Fil-Trek.com)