

# MB Series Multi Bag Filter Housings



Commercial / Industrial / Filtration Applications



- Designed for high flow commercial or industrial filter applications
- Heavy-duty 304L or 316LEP stainless steel construction for maximum durability and corrosion resistance
- Optional 134 epoxy coating for seawater or corrosive applications
- Uses #2 Filter Bags (7x32")

## 2 Round Housings with V-Band Clamp Closure:

- V-band clamp closure for quick and easy bag change-outs and secure sealing
- 3" flanged connections
- 150 PSI pressure rating up to 250°F

## 2 Round through 6 Round housing with Swing Bolt Closure:

- Heavy duty swing bolt closure with davit assembly ideal for larger flow applications
- Davit handle and eye nuts are zinc-plated to prevent gauling
- 150 PSI pressure rating up to 300°F

## PRODUCT SPECIFICATIONS



### Max Operating Pressure\*

150psig (10.3bar) @300°F (149°C) - Swing Bolt Closure  
150psig (10.3bar) @250°F (121°C) - V-Band Clamp Closure

Note: Gauges not included



### Connection

Inlet/Outlet: 3" RF flanges (BCMB2 and SBMB2)  
4" RF flanges (SBMB3 and SBMB4)  
6" RF flanges (SBMB5 and SBMB6)

Optional: RF flanges or sanitary ferrules

Drain Ports: 1/2" FNPT (BCMB2) - 3/4" FNPT (SBMB2-SBMB6)

Vent Ports: 1/2" FNPT - Gauge Ports: 1/4" FNPT



### Materials of Construction

Head/Shell/Connections: 304L or 316L stainless steel

Davit Handle and Eye Nuts: Zinc-plated steel

Mounting Legs: 304L stainless steel

Baskets: 1/8" perforated stainless steel

Optional: Various perforation and mesh sizes

Gaskets: Standard - Buna N (FDA grade)

Optional - EPR, silicone, Teflon encapsulated silicone, Viton

Finish: Glass bead on exterior, exterior surfaces

\*Temperature ratings vary and depend on pressure and time under load.

## QUESTIONS?

Ask our Service Representatives at:

888.859.1188 Mon. - Fri. 8a - 8p, Sat 8:30a - 4:30p EST.

Neologic Inc. | Greenville SC | Salt Lake City UT | Houston TX

## APPLICATIONS

- Water
- Food & Beverage
- Electronics
- Coolants
- Paints/Inks/Coatings
- Paper & Pulp
- Chemicals
- Oil / Gas

# MB Series Multi Bag Filter Housings



## PRODUCT

| MODEL AND BAG SIZE | CLOSURE      | MAXIMUM FLOW RATE* GPM (LPM) |
|--------------------|--------------|------------------------------|
| BCMB2              | V-Band Clamp | 350 (1325)                   |
| SBMB2              | Swing Bolt   | 350 (1325)                   |
| SBMB3              | Swing Bolt   | 525 (1987)                   |
| SBMB4              | Swing Bolt   | 700 (2650)                   |
| SBMB5              | Swing Bolt   | 875 (3312)                   |
| SBMB6              | Swing Bolt   | 1050 (3975)                  |

\* Flow rates are approximate. Actual flow rates are based upon fluid, viscosity, bag type, micron ratings and other factors.



## ORDERING GUIDE (Example: SBMB3X2-304LEP-4-BHP-E)

| MODEL                                  | # OF BAGS             | BAG SIZE | MATERIAL/ FINISH   | INLET/ OUTLET SIZE                              | ORIENTATION   | OPTIONS  | GASKET   |
|--|-----------------------|----------|--|---|---|--|--|
| <b>BCMB</b><br>Band Clamp<br>Multi Bag | 2<br>3<br>4<br>5<br>6 | #2       | <b>Blank</b><br>304L (standard)<br><br><b>316L</b><br>316L<br><br><b>304LC</b><br>304L Coated<br><br><b>316LC</b><br>316L Coated<br><br><b>304LEP</b><br>304L Electropolished<br><br><b>316LEP</b><br>316L Electropolished | 3 = 3" Flange<br>4 = 4" Flange<br>6 = 6" Flange | <b>Blank</b><br>Side In/ Side Out<br>(standard)<br><br><b>FL</b><br>Side In/ Bottom Out | <b>Blank</b><br>Mounting Legs<br>Gauge Ports (standard)<br><br><b>PG</b><br>Pressure Gauge (2)<br><br><b>P</b><br>Passivate<br><br><b>U</b><br>ASME Code "U" Stamp<br><br><b>NS</b><br>Built to ASME Code/<br>no Stamp<br><br><b>HP</b><br>High Pressure<br>(up to 250psi) | <b>Blank</b><br>Buna N<br>(standard)<br><br><b>E</b><br>EPR<br><br><b>S</b><br>Silicone<br><br><b>V</b><br>Viton<br><br><b>T</b><br>Teflon<br>Encapsulated<br>Silicone |