

## MBV MULTI BAG FILTER VESSELS



Mey Filtration offer multi bag vessels from 2 to 24 bags per vessel with heavy duty swing bolt top closure with Davit arm and hand wheel assist cove opening for filter bag change out.

This multi bag series of vessel including: economy type, standard type, and ASME type. And different standard housing model all accept size #2 filter bag with Individual bag seal to eliminate filtrate bypass.

### Typical Application:

- Automotive
- Food and Beverage
- Chemical Processing
- Paints, Inks, Resins and Coatings
- Electronics
- Petrochemicals
- Municipal Water Treatment
- Industrial Water Treatment
- Pulp and Paper
- Pharmaceutical
- Lubricants, Metalworking Fluids
- Solvents

### Filter Specifications

#### No. of Filter Bags

3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22 and 24

#### Filter Bags Sizes

02: Size 02

#### Housing Material

SS304, SS316L, CARBON STEEL

#### Seal Material

Buna N

#### Inlet & Outlet

DIN / ANSI / BSP / NPT

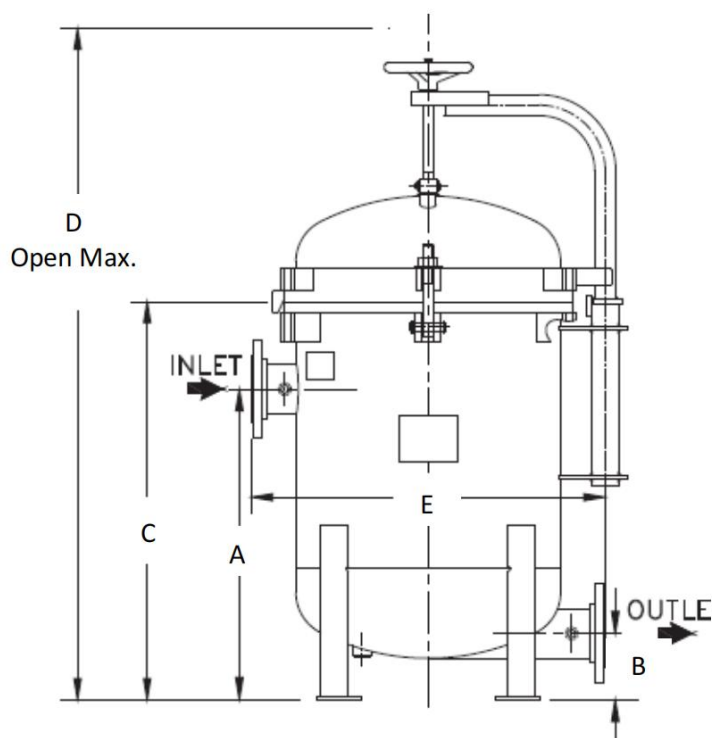
#### Max. Operating Temperature

150 °C

#### Max. Operating Pressure

10Bar (150PSI)

■ **MULTI BAGS**



## Dimensions

| Model<br>MBV | Housing<br>Vol.,L | Flow rate<br>Gpm(m <sup>3</sup> /hr) | Connection<br>Inlet/Outlet | Dimensions,mm |       |       |      |       | Shipping<br>Wt.,Kg |
|--------------|-------------------|--------------------------------------|----------------------------|---------------|-------|-------|------|-------|--------------------|
|              |                   |                                      |                            | A             | B     | C     | D    | E     |                    |
| 0302         | 151               | 230(52.3)                            | 3"RF FI                    | 723.9         | 152.4 | 886.5 | 1676 | 647.7 | 255                |
| 0402         | 204               | 400(90.9)                            | 4"RF FI                    | 716.3         | 152.4 | 914.4 | 1727 | 812.8 | 390                |
| 0602         | 360               | 900(205.5)                           | 6"RF FI                    | 685.8         | 177.8 | 934.7 | 1727 | 939.8 | 460                |
| 0802         | 530               | 1750(397.7)                          | 6"RF FI                    | 692.2         | 209.6 | 966   | 1676 | 1041  | 655                |
| 1002         | 814               | 2600(590.9)                          | 8"RF FI                    | 685.8         | 254   | 1024  | 1778 | 1245  | 1400               |
| 1202         | 927               | 2600(590.9)                          | 8"RF FI                    | 685.8         | 254   | 1036  | 1829 | 1245  | 1500               |
| 1402         | 1177              | 2600(590.9)                          | 10"RF FI                   | 800.1         | 292.1 | 1100  | 1930 | 1422  | 1800               |
| 1602         | 1200              | 3500(795.5)                          | 12"RF FI                   | 800.1         | 292.1 | 1100  | 1930 | 1422  | 1875               |
| 1802         | 1688              | 3500(795.5)                          | 12"RF FI                   | 876.3         | 317.5 | 1148  | 2236 | 1575  | 2420               |
| 2002         | 1718              | 4500(1022.7)                         | 14"RF FI                   | 876.3         | 317.5 | 1148  | 2235 | 1575  | 2505               |
| 2202         | 2157              | 4500(1022.7)                         | 14"RF FI                   | 876.3         | 317.5 | 1218  | 2237 | 1676  | 2730               |
| 2402         | 2157              | 4500(1022.7)                         | 14"RF FI                   | 876.3         | 317.5 | 1218  | 2237 | 1676  | 2800               |

Note:1,Above Flow rate is for guide line only with clean water(viscosity cp=1) at 25°C

**All dimensions are for reference.**

## Order Information

| MBV   | -03                  | -02             | SS304    | 3"                   | SWD         | GB             |
|-------|----------------------|-----------------|----------|----------------------|-------------|----------------|
| Model | No.of<br>Filter Bags | Filter bag size | Material | INLET/OUTLET<br>SIZE | TOP CLOSURE | Surface Finish |
| MBV   | 03=3                 | 02=Size#2       | SS304    | 3RF=3" Flange        | SWD=SWING   | GB=Glass bead  |
|       | 04=4                 |                 | SS316L   | 4RF=4" Flange        | BOLT DAVIT  |                |
|       | 06=6                 |                 |          | 6RF=6" Flange        |             |                |
|       | 08=8                 |                 |          | 8RF=8" Flange        |             |                |
|       | 10=10                |                 |          | 10RF=10" Flange      |             |                |
|       | 12=12                |                 |          | 12RF=12" Flange      |             |                |
|       | 14=14                |                 |          | 14RF=14" Flange      |             |                |
|       | 16=16                |                 |          |                      |             |                |
|       | 18=18                |                 |          |                      |             |                |
|       | 20=20                |                 |          |                      |             |                |
|       | 22=22                |                 |          |                      |             |                |
|       | 24=24                |                 |          |                      |             |                |



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