

## GMBV-Series Multi-Bag Liquid Vessels

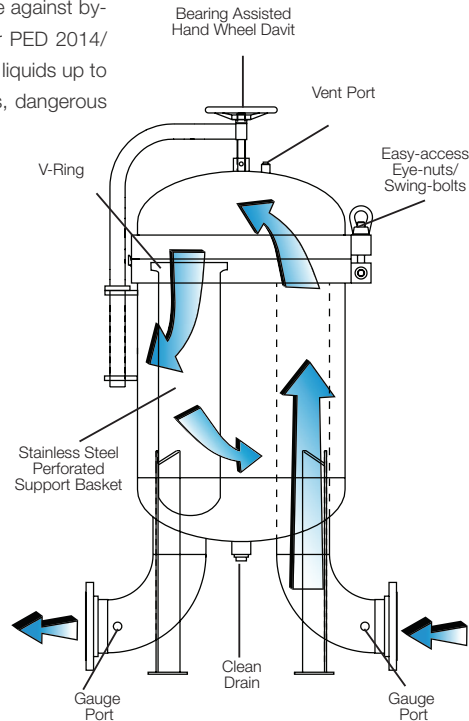
GMBV-Series Multi-Bag Vessels are designed for high flow and/or high contaminant load applications where clean effluent is critical. The V-ring design provides a positive snap-fit to ensure against bypass. Our filters are, as standard, manufactured under PED 2014/68 / EU art. 4§3 and valid for the use of non-hazardous liquids up to a pressure of 10 bars. The use of higher pressure, gas, dangerous liquids or higher temperature is possible on request.

### Features

- Heavy-duty welded angle mounting/support legs
- RF Flanged "inline" inlet/outlet connections
- Bearing-assisted hand-wheel closure
- Permanent compression/hold-down plate
- Stainless steel perforated support baskets (Ø3mm holes as standard)
- Easy-access eye-nut/swing-bolt closure
- 304 or 316L stainless steel construction
- Snap-fit V-ring bag seal design
- 10 bar pressure rating
- Single o-ring seal (Buna-N standard)

### Options

- CE Mark
- Mesh-lined/perforated baskets
- Alternate Seal Materials
  - EPDM (required for NSF-61)
  - Teflon® Encapsulated Viton®\*
  - Viton®\*



NSF Certification applies for use only with drinking water. Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified. Product options denoted with asterisk (\*) are not included in the Certification.

### Flow Rate

| Model    | # of Bags | Bag Size | Basket Depth | EFA (m <sup>2</sup> ) | Max Flow Rate (GPM)* |
|----------|-----------|----------|--------------|-----------------------|----------------------|
| GMBV430  | 4         | #2       | 30"          | 1.63                  | 600                  |
| GMBV630  | 6         | #2       | 30"          | 2.4                   | 1200                 |
| GMBV830  | 8         | #2       | 30"          | 3.2                   | 1600                 |
| GMBV1230 | 12        | #2       | 30"          | 5.3                   | 2400                 |

\* Is the maximum flow rate recommended through the vessel without a filter bag installed (using water). Any increase in viscosity and/or the installation of filter bags will reduce these flow rates significantly. Please refer to the appropriate bag filter sizing chart or consult with your Global Filter representative when sizing.

### Ordering Information

| GMBV | # of Bags/Baskets | Basket Depth | Inlet/Outlet Size | Inlet/Outlet      | Material   | Pressure Rating | Surface Finish  | ASME Code Stamp/CE Mark | NSF          |
|------|-------------------|--------------|-------------------|-------------------|------------|-----------------|-----------------|-------------------------|--------------|
|      | 4                 | 30 = 30"     | 4 = 4"            | D= RF flange acc. | 4 = 304 SS | 15 = 10 bar     | GB = Glass Bead | Blank = None            | Blank = None |
|      | 6                 |              | 6 = 6"            | EN1092-1          | 6 = 316 SS |                 |                 | CE = CE Mark            | MC = NSF-61  |
|      | 8                 |              | 8 = 8"            | F = RF Flange     |            |                 |                 |                         |              |
|      | 12                |              |                   |                   |            |                 |                 |                         |              |

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

DS\_GMBV\_240621