

GMBE-Series Stainless Multi-Bag Liquid Vessels

GMBE-Series Stainless Multi-Bag Liquid Vessels are designed to offer a high-quality and economical solution for a variety of high flow and high load applications. The V-ring tubesheet design provides a positive snap-fit to ensure against by-pass. 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

- 304, 316L Stainless Steel construction
- 10 bar pressure rating
- RF Flanged "inline" inlet/outlet connections
- Snap-fit V-ring bag seal design
- Stainless steel perforated support baskets (Ø 3mm as standard)
- Permanent compression/hold-down plate
- Heavy-duty welded angle mounting/support legs
- Easy-access eye-nut/swing-bolt closure with bearing-assisted hand-wheel davit
- Single o-ring seal (Buna-N standard)
- Mesh-lined/perforated baskets

Options

- 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 | EFA (m ²) | Max Flow Rate (m ³ /h)* |
|----------|-----------|----------|-----------------------|------------------------------------|
| GMBE430 | 4 | #2 | 2 | 90 |
| GMBE630 | 6 | #2 | 3 | 205 |
| GMBE830 | 8 | #2 | 4 | 400 |
| GMBE1230 | 12 | #2 | 6 | 590 |

* 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

| GMBE | # of Bags/ Baskets | Basket Depth | Inlet/Outlet Size | Inlet/Outlet | Material | Pressure Rating | Surface Finish | NSF |
|------|-----------------------|-----------------|----------------------|------------------------------|-------------|--------------------|---------------------------|--------------|
| | 4 | 30 = 30" | 4 = 4" | D =RF flange acc EN1092-1 | 4 = 304 SS | 15 = 10 bar | GB = Glass Bead (SS Only) | Blank = None |
| | 6 | | 6 = 6" | | 6 = 316L SS | | | |
| | 8 | | 8 = 8" | | | | | |
| | 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.

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