

## 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

- Inlet/Outlet : European flange PN16 acc. to EN1092-1, B1 type
- Wetted part of the filter is either 304 or 316L option. Other part is Stainless steel 304
- 10 bar pressure rating
- Standard max allowable tempertaure 80°C\*
- Stainless steel perforated support baskets (Ø 3mm as standard)
- 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
- Under ASME design code, other design code on request
- Bolting material: Eye bolts, pins and washer are in carbon steel SA193-B7 zinc plated. Eye nut material is in SS304



### Options

- Mesh-lined/perforated baskets
- Alternate Seal Materials
  - EPDM
  - FKM

### Flow Rate

Model	# of Bags	Bag Size	EFA (m²)	Max Flow Rate (m³/h)*
GMBE430	4	#2	2	90
GMBE630	6	#2	3	150
GMBE830	8	#2	4	200
GMBE1230	12	#2	6	300

\* Is the maximum flow rate recommended through the vessel with a filter bag allowing biggest flow 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 Style	Material	Pressure Rating	Surface Finish
	4	30 = 30"	4 = DN100	D = RF Flange acc EN 1092-1	4 = SS304 6 = SS316L	15 = 10 bar	GB = Glass Beaded EP = Electropolished
	6		6 = DN150				
	8		8 = DN200				
	12						

Codification example :

GMBE-4-30-4D-6-15-GB : Multi bag filter with 4 bags size 2, Inlet/Outlet flange DN100, material SS316L, use for 10 bar max, external finish with Glass beaded.

\*Max. temperature is depending on fluid type for example, using oil max temperature will be 120°C. For clear feedback, please contact us.

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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