

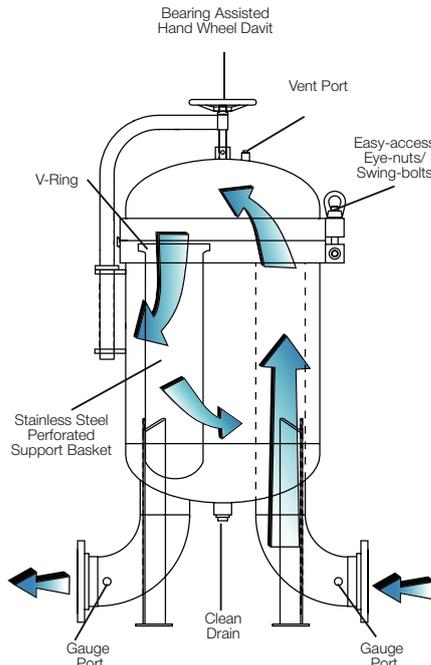
## GMBV-Series Multi-Bag Liquid Vessels

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 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
- Bearing-assisted hand-wheel closure
- Stainless steel perforated support baskets (Ø3mm holes as standard)
- Easy-access eye-nut/swing-bolt closure
- Wetted part of the filter is either 304 or 316L option. Other part is Stainless steel 304
- Snap-fit V-ring bag seal design
- 10 bar pressure rating
- Standard max allowable temperature 80°C\*
- Single o-ring seal (Buna-N standard)
- 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 (m <sup>2</sup> )	Max Flow Rate (m <sup>3</sup> /h)*
GMBV430	4	#2	2	90
GMBV630	6	#2	3	150
GMBV830	8	#2	4	200
GMBV1230	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

GMBV	# 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 :

GMBV-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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