

Vessel Data Sheet

Carbon Steel Single & Multi - Bag Liquid Vessels

GBFV & GMBE Series

GBFV & GMBE Series Carbon Steel Bag Vessels are designed to offer a high-quality and economical solution to applications that do not require stainless steel construction. The V-ring tubesheet design provides a positive snap-fit to ensure against by-pass.

Features (GBFV)

- Carbon steel construction with epoxy-coated exterior
- 150 PSI pressure rating
- 2" NPT uni-style (side & bottom outlet) offers increased piping flexibility
- Snap-fit V-ring bag seal design
- Stainless steel perforated support baskets (9/64" perf. standard)
- Adjustable tripod mounting/support leg assemblies
- Easy-access eye-nut/swing-bolt closures with handle
- Single o-ring seal (Buna-N standard)

Features (GMBE)

- Carbon steel construction with epoxy-coated exterior 150 PSI pressure rating
- RF Flanged "inline" inlet/outlet connections
- Snap-fit V-ring bag seal design
- Stainless steel perforated support baskets (9/64" perf. 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)

Flow Rate

Model	# of Bags	Bag Size	Basket Depth	EFA (ft ²)	Max Flow Rate (GPM)*
GBFV815	1	1	15"	2.0	90
GBFV830	1	2	30"	4.4	200
GMBE430	4	2	30"	17.6	600
GMBE630	6	2	30"	26.4	1200



* Max flow rate 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 sizing chart or consult with Global Filter when sizing these vessels.

Ordering Information

GBFV8	Basket Depth	Inlet/Outlet Size	Inlet/Outlet	Material	Pressure Rating	Surface Finish
	15 = 15"	2N = 2" FNPT	3 = Uni-Style	C = Carbon Steel	15 = 150 PSI @ 300°F	EC = Epoxy Coated (Ext)
	30 = 30"					

GMBE	# of Bags/ Baskets	Basket Depth	Inlet/Outlet Size	Inlet/Outlet	Material	Pressure Rating	Surface Finish
	4	30 = 30"	4F = 4" RF Flange	Blank = Inline	C = Carbon Steel	15 = 150 PSI @ 300°F	EC = Epoxy Coated (Ext)
	6		6F = 6" RF Flange				

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.