

GBFV82-Series Twin Capacity Bag Liquid Filter Vessels

The GBFV82-Series twin-capacity bag vessels are designed to meet and/or exceed nearly all application requirements. The V-ring design provides a positive snap-fit to prevent by-pass and deliver clean effluent. They offer the flow and loading capacity of a multi-bag vessel at a more economical cost. The GBFV82 Series vessels comply with the European regulations PED 2014/68 / EU §4.3.

Technical Design

- Under ASME design code.
- Maximum operating pressure : 10 bar.
- Design temperature : 120°C.
- Maximum operating temperature is linked to fluid used.
- Fluid must be non hazardous liquid, other fluid on request.
- Inlet/outlet connections : European Flange following EN1092-1 type B1 (raised flange).
- As standard :- Outlets on same side
 - Material SS316L
 - Glass beaded finishing
 - Buna N gasket

Features

- High flow rates and loading capacity at low pressure drops.
- Two identical GBFV830 vessels working in tandem.
- Wetted part of the filter is either 304 or 316L option. The other parts are in SS304.
- Bolting material: Eye bolts, nuts and pins are in SS304. washers are in carbon steel with nickel plating.
- Adjustable tripod mounting/support leg assemblies.
- Stainless steel support baskets (Ø 3mm hole as standard).

Options

- Electropolished finish
- Mesh-lined/perforated baskets
- Alternate seal materials
 - EPDM
 - Silicone

Flow Rate

Model	Bag Size	EFA (m ²)	Max Flow Rate (m ³ /h)*
GBFV8230	#2	1	50 if DN80, 70 if DN100

* 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

GBFV82	Basket Depth	Inlet/Outlet Size	Inlet/Outlet Style	Outlet	Material	Pressure Rating	Surface Finish
	30 = #2 Size	3 = DN80	D = RF Flange EN 1092-1	2 = Opposite Outlet	4 = 304 SS	15 = 10 bar	GB = Glass Bead EP = Electropolished
		4 = DN100		5 = Same side	6 = 316L SS		

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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