

BF8 Series Single Bag Liquid Filter Vessels



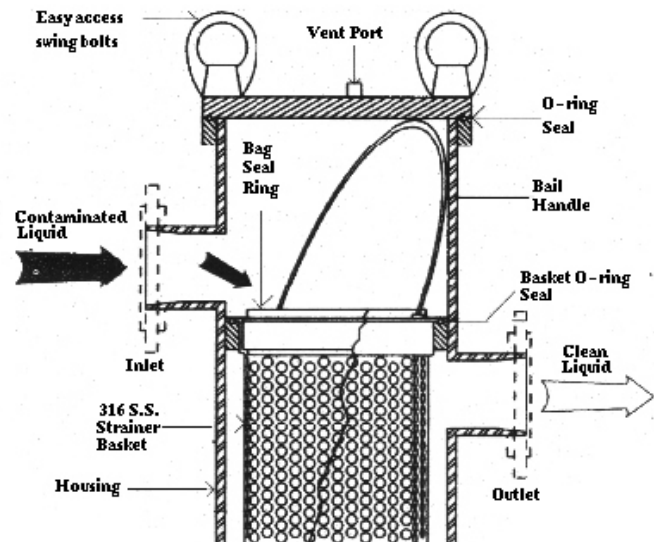
BF8 Series Industrial Grade Bag Filter

Behringer's model BF8 Single Series of Liquid Bag Housings offer two depths, a 15" and a 30" housing depending upon the needed surface area and volume of fluid to be filtered. Our 88 series effectively removes dirt, pipe scale, and other contaminants from process liquids such as water, chemical, and petroleum products. Quality construction and design assure protection for all down-stream equipment. Housing lid has a 3-bolt swing closure with a vent port. Connections are NPT or Flange with a (side inlet and bottom outlet)(side inlet and side outlet)(side inlet and 90 degree bottom outlet). Housing is supplied with two differential pressure ports to measure the differential pressure across the filter bag. A two-part epoxy finish is applied on the carbon steel vessels to maximize the life of the housing; stainless steel vessels are supplied with a satin finish. Basket material is constructed of 316 stainless steel with 9/64" perforations to act as a strainer or to accept a #1 or #2 size liquid bag. Basket seals onto a Viton o-ring in the basket support. Adjustable tripod leg assembly is supplied with housing. Vessels are rated at a 150 pounds per square inch design.

Features and Benefits

- Carbon, 304, or 316 stainless steel material
- 150 PSI pressure rating
- Low pressure drop
- Quick swing closure with eye nuts
- Viton seals - lid & basket
- Differential, drain, and vent ports
- Adjustable support legs
- 316 stainless steel strainer basket
- 2-part epoxy finish on carbon vessels

Housing Operation



Specifications

Recommended Operating Conditions

Type: BF8 Series Inline Bag Filter
 Connections: 2", 3", 4" NPT or Flange
 Max Operating Pressure: 150 PSI
 Max Operating Temperature: 300° F

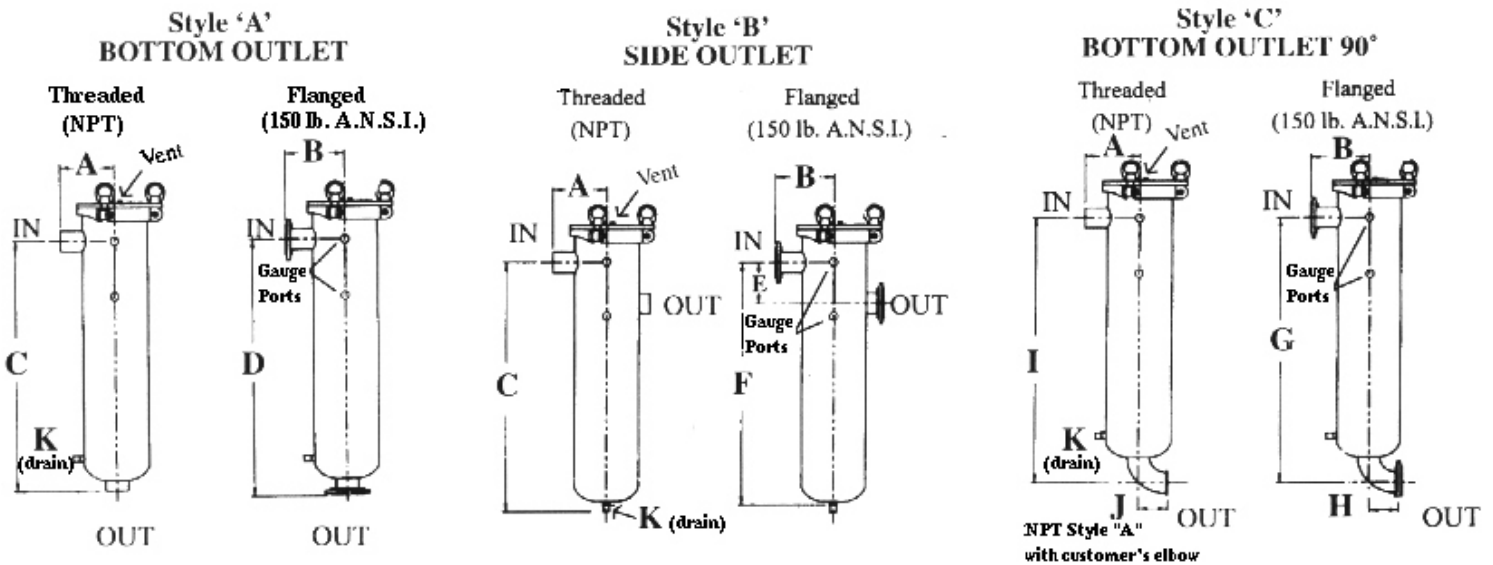
Construction Notes

Our model BF8 single vessels are designed for operating up to 150 PSI at 300 degrees Fahrenheit. The housing design provides a large sump area at the bottom of the basket for particulate accumulation. This design utilizes the filter more efficiently and prolongs the element life.

Materials of Construction

Housing: Carbon, 304, or 316 stainless steel
 Seal Materials: Viton (standard), others on request

The **316 S.S. basket** seals onto a viton o-ring to eliminate particulate bypass between the basket and seat. Optional **mesh-lined strainer baskets** and **o-rings** are available. Please refer to their individual brochures in our liquid catalog



Ordering Information

Table 1 Table 2 Table 3 Table 4 Table 5

BF8

Length <small>Table 1</small>	
15	15 in.
30	30 in.

Connections <small>Table 2</small>	
2	2 inch
3	3 inch
4	4 inch

Type <small>Table 3</small>	
N	NPT
F	Flange

Outlet <small>Table 4</small>	
A	Bottom
B	Side
C	Bottom Elbow

Mat. <small>Table 5</small>	
C	Carbon
4	304 SS
6	316 SS

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