

BAG FILTER HOUSINGS

Our Bag Filter Vessels were developed due to our customer's needs for a low cost filter to handle high flow rates and high particulate loads.

FEATURES

- Flow rate ranges between 4 and 11000 LPM
- Particulate Removal Bags in # 2 bag configurations
- Multiple Element bag Housings are available for higher flow rates and higher dirt loading capacities
- Carbon Steel is standard but Stainless Steel is available
- Ports: 3" NPTF are standard and there are flanged options available
- # 2 Bag measures approximately 7.25" (18.5cm) diameter @ 32" (82cm) in length
- Standard bag material is Polyester Felt
- Differential Pressure Gauge Options
- Oil Sample Valves – Upstream and downstream options.
- Buna Seals are standard – Viton or other options are available.
- Can be used in ISO 680 Gear Oil @ 3000 SSU



Particulate removal # 2 Bag Options:

- Available in 1, 3, 6, 12, 25, 50, 75, 100, 150 and 200 micron nominal efficiencies. For Micron Removal Specification Input 1, 3, 5, 12 or 25 into the following part #: OFS-BF#2-**PF, Example – A 3 micron #2 bag is OFS BF#2-3PF

2 Bag Filter Model Options:

- Standard #2 Carbon Steel Bag Housing: BFH-#2-3NPT-CS-B
- Standard #2 Stainless Steel 316 Bag Housing: BFH-#2-3NPT-SS-B

WEIGHT AND DIMENSIONS:

70kg

0.36m W X 0.36m D X
1.32m H

APPLICATIONS:

- Turbine oils
- Lubrication Fluids
- Hydraulic Fluids
- Coolants/Cooling Fluids
- Fuels
- Vacuum Pump Fluids
- Machine Tool Fluids
- Paper Machine Fluids
- Water/Glycol Fluids
- Phosphate Ester Fluids
- Dielectric/Transformer Fluids

PLEATED BAG FILTERS

Added pleats for much greater surface area and increased dirt holding capacity. There is also significantly less clean element pressure drop in these compared to normal bag filters.

THIS DESIGN USES ONLY THE HIGHEST QUALITY MATERIALS AND MOST ADVANCED MANUFACTURING PROCESSES. THE ELEMENT FIT INTO STANDARD SIZE 2 BASKETS AND FUNCTIONS SIMILAR TO A BAG (FLOWING INSIDE TO OUTSIDE). THE END CAPS ARE HEAT SEALED FOR HIGH EFFICIENCY PERFORMANCE. THE O-RING SEAL FURTHER ENSURES SEALING AND ELIMINATES BYPASS.

FEATURES

- Eleven micron retention ratings from 1 to 110 at 99% efficiency are available.
- Three different top sealing ring designs - one to fit your needs
- Available in standard bag sizes 1 and 2 to fit housings 8-15 or 8-30
- Low pressure drop or 99.98% efficiency
- Flow rates to 190 LPM
- 6.25" (16cm) diameter and 24" (60cm) length



Element Options (all 99% efficiency):

- 3 Micron P/N: OFS-BFE#2PL-3PB
- 5 Micron P/N: OFS-BFE#2PL-5PB
- 7 Micron P/N: OFS-BFE#2PL-7PB
- 12 Micron P/N: OFS-BFE#2PL-12PB
- 22 Micron P/N: OFS-BFE#2PL-25PB

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