

Modular-Flow Liquid Bag Housings

Flow rates of 200 g.p.m. per housing

PPF's Modular-Flow Liquid Filtration housing gives you the capability of a continual flow for non-stop filtering during maintenance. They can be used with our strainer baskets alone or paired with our bag filters, giving you a wide variety of choices for flow rates and particulate removal.

FEATURES

- Housings with common connections
- Continuous flow rates
- Independent serviceability
- Carbon or stainless steel construction
- 150 PSI pressure rating
- Quick swing closure with eye nuts
- Viton seals - lid & basket
- Differential, drain, and vent ports
- Skid mounted for durability
- 316 stainless steel strainer baskets

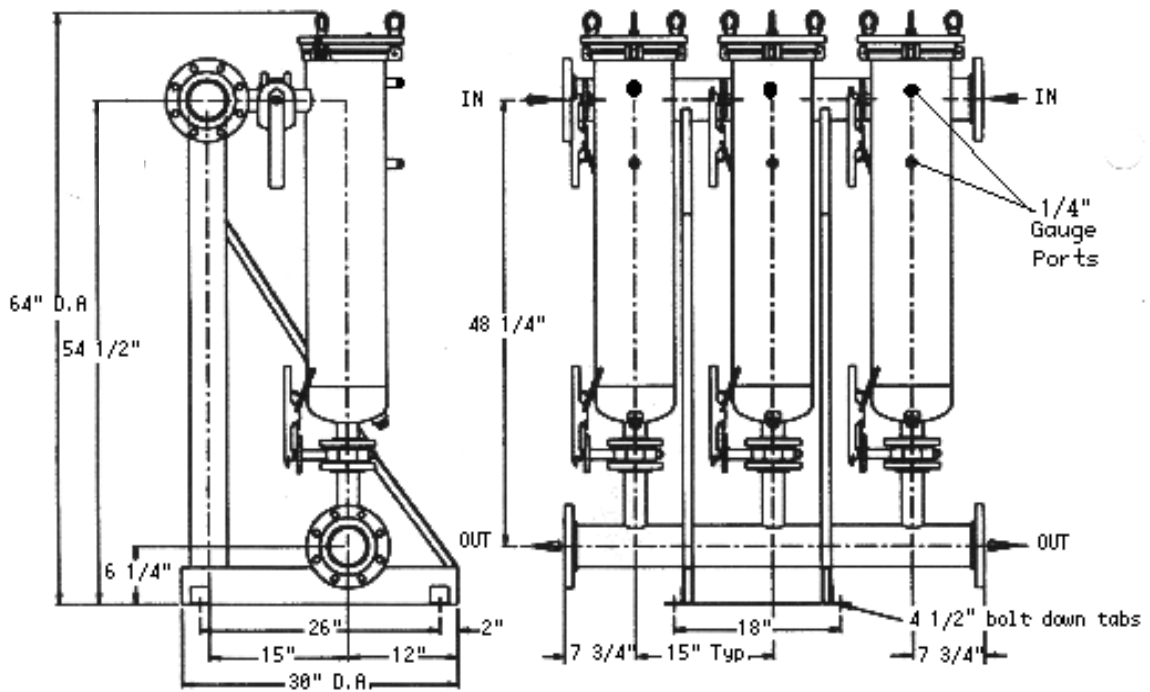
Our Modular-flow systems effectively remove dirt, pipe scale, and other contaminants from process liquids such as water, chemical, and petroleum products. Quality construction and design assure protection for all down-stream equipment.



MODULAR-FLOW CONSTRUCTION

Our Modular-Flow systems have independent serviceability to maintain a constant flow through remaining housings. The housing design provides a large sump area at the bottom of the basket for dirt and scale accumulation. This design utilizes the filter more efficiently and prolongs the element life.

The **basket** seals onto an 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. A **vent** and a **gauge** port in each housing speed evacuation and filling. Permanently piped housings are opened with simple tools without disturbing the piping. **Swing bolts** with eye-nuts allow easy opening and closing of the swing-lid. No need to remove any hardware. As a standard finish, all vessels are blast cleaned and painted inside and out with a **2-part epoxy**. Stainless steel vessels are supplied with a satin finish.



All dimensions are approximate.

Building a Part Number for Modular-Flow Liquid Bag Housings

Description: FB08, 30" basket, 2" flanged connections style A, carbon steel, 150 PSI rating. Three housings set on a 4" flanged inlet & outlet manifold.

| FB08302FAC15 | 3 | 4F | C | DF |
|------------------------------------|---------------------------------|--------------------------------------|------------------------|-----------|
| [standard housing part number] | [number of housings required] | [header size + F] | [material code] | [DF] |
| refer to individual housing flyers | quantity 2 housings and greater | 1.5, 2, 3, 4, 5, 6, & 8 inch flanged | carbon=C, 304=4, 316=6 | DF |

SPECIFICATIONS

Each housing lid has a 3-bolt swing closure with a vent and gauge port. Connections are manifolded to a main inlet and outlet. Valves are independently operated per housing for ease of transferring flows for individual maintenance. Housings are 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 manufactured from 316 stainless steel with 9/64" perforations to act as a strainer or to accept a liquid bag. Basket seals onto a Viton o-ring in the basket support. Housings are permanently skid-mounted for stability.

Vessels are rated at 150 pounds per square inch design.