



1432 Walnut Street * Erie, PA 16502 USA * TEL: 814.453.5014 * FAX: 814.452.6573
Website: <http://www.fluideng.com> * E-mail: sales@fluideng.com

Series 600 Bag Filters Single Bag Housing

The Series 600 are pressure vessels installed in a pipeline to remove unwanted solids from fluids. The Series 600 are used in applications where flow can be interrupted for bag replacement (duplex arrangements are available upon request).

The Series 600 are designed with .4 to .5 cu. ft. debris holding capacity that allows for a longer run time. Along with a large holding capacity, they can also be used for iron recovery by including our MagnaFilt Bag option. The incorporation of the swing bolt closure eliminates the use of any tools and also eliminates the need for nuts and bolts as in other designs in the market place.



STANDARD FEATURES:

- Offset Connections
- Swing Bolt Closure
- Standard Housing Materials are carbon steel, 304 stainless steel, or 316 stainless steel
- Inlet/Outlet Connections are ANSI Flanges or NPT
- Vent and Drain Connections are NPT
- Two 1/4" NPT Instrument Connections
- Viton Seals
- Design Working Pressure: 150 psig
- Design Working Temperature: 250°F
- Designed, manufactured, and tested generally in accordance with ASME Section VIII, Division 1 with welders qualified to Section IX

FILTER BAG DESIGN:

- Silicon-free thread used
- Grade 69 thread is used with a measured tensile strength of up to 15 pound per strand
- Three threads in our overlock stitch, and to rule out raveling, two additional threads in a true safety chain stitch are used.
- Materials:
 - * Polypropylene
 - * Polyester
 - * Nylons
 - * Nomex
 - * Oil Absorbent (Available In Singed or Plain Fabrics)

OPTIONS:

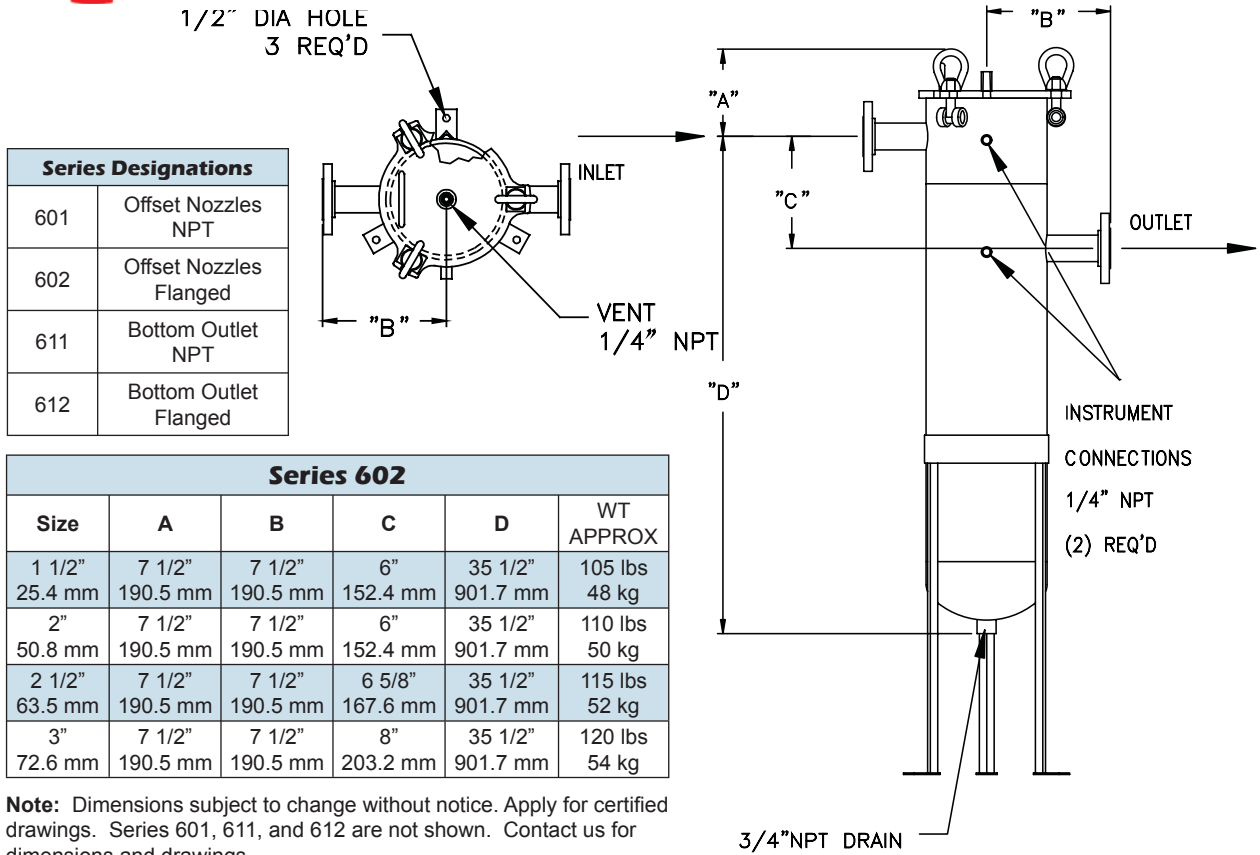
- ANSI flanges for vent and drain connections
- Support baskets are available in other materials, perforations, and meshes
- Other design pressures and temperatures are available upon request
- U-Stamp



"Engineered Products for Demanding Applications, Performance, and Service"



Series 600 Bag Filters Single Bag Housing



MagnaFilt Bag Option:

The MagnaFilt Bag is constructed with three pockets sewn into the side walls to house the encapsulated stainless steel magnetic assembly. The reason that three magnets assemblies are used is to increase the sphere of influence in the bag to capture the maximum amount of ferrous contaminate. The multi-polarity design attracts microscopic ferrous impurities along the entire length of the magnetic bars. Magnets are rare earth magnets which do not need replacing.

The MagnaFilt Bag comes in a range of sizes and materials for virtually any liquid-based applications

