

FILTER SOLUTIONS INC

Specialists in liquid filter applications



Looking for filtration products?

Distributors of filter media, bags, valves, gauges, perforated plate, wire mesh, wedge wire screen, hoses & fittings

We have everything you are looking for including bag and cartridge housings, strainers, separators, and much more!

Contact us today and let us handle your filtration project!



Bag Filter Housing

Our bag housings are fabricated in flow rates starting at 20 GPM to whatever design flow is required by the specific application requirements. Fabricated in common and exotic alloys, such as carbon steel, 300 series stainless, Titanium, Alloy 20, and Hastelloy.

Filter vessels are commonly designed for sour or sweet service with many NDT (non-destructive testing) requirements. Such as 100% radiography, ultrasonic testing, magnetic particle testing and dye penetrant testing. All welding adheres strictly to T.S.S.A. standards and Section IX of the ASME code.



Cartridge/High Flow Filter Housing

Our cartridge housings feature our all in one pedestal and are fabricated in many configurations. From standard 1-4 high designs to lengths customized to your application. Flow rates are engineered as required by the specific application. Fabricated in common and exotic alloys, such as carbon steel, 300 series stainless steel, Titanium, Alloy 20, and Hastelloy.

Vessels are commonly designed for sour or sweet service with many NDT (non-destructive testing) requirements. Such as 100% radiography, ultrasonic testing, magnetic particle testing and dye penetrant testing. All welding adheres strictly to T.S.S.A. standards and Section IX of the ASME code.



Strainers (Fabricated/Cast)

Our strainers can be fabricated with pressure and flow rates customized to specific application requirements. Fabricated in common and exotic alloys, such as carbon steel, 300 series stainless steel, Titanium, Alloy 20, and Hastelloy alloys.

Strainers are commonly fabricated with quick open closures and designed for sour or sweet service with many NDT (non-destructive testing) requirements. Such as 100% radiography, ultrasonic testing, magnetic particle testing and dye penetrant testing. All welding adheres strictly to T.S.S.A. standards and Section IX of the ASME code.



Magnetic Separators

Filter Solutions uses magnets that have a flux density (magnetic strength) of 12,000 gauss (compared to a ordinary refrigerator magnet of 80 gauss). Magnets are arranged in a non-ferrous tube to produce a large magnetic force resulting in a large magnetic gradient. The result is a magnetic assembly that successfully collects and removes ferrous material from media streams in high collection volumes. We also offer ancillary products that work with our magnetic particle separators. Such as bags, magnetic holding racks internal and external replacement parts. Contact us today for current stocked models and pricing.



Wedge Wire Screens

Filter Solutions offers a full line of wedge screen products and sizes. Wedge wire can be ordered as raw material or fabricated to a finished product to suite your application requirements.

All wedge wire products are available in: 304SS • 316SS • 321SS • 347SS • DUPLEX SS • ALLOY 20 • C-276 • ALLOY B-3 • TITANIUM • MONEL 400 • and in micron ratings from 37 μ M-6730 μ M.

Wedge wire can be reversed formed, reverse wound, or ordered flat to meet a multitude of separation applications.

Wedge wire is commonly used in strainers, baskets, under-drain laterals and resin traps, or can be custom formed to meet application requirements.



Filter Elements

Bag, Cartridge, High Flow and Carbon Canister Elements.

Filter Solutions stocks a full range of top quality filter bags as well as manufactures quality assured wound cartridges in any micron rating. With the ability to quickly ship to customers, to keep production going without interruption.

Filter Solutions offers a full range in filtering media for most process applications.

We also have many cartridge and bag accessories available for customers requiring ancillary products for their process.



Carbon Canister Housing

FSI's CCFS Activated Carbon Housing Series is designed to remove and capture contaminants, fouling and foaming agents, hydrocarbon and degradation products from process streams.

CCFS housings comes in various sizes and material of construction and can be custom-built to accommodate all processes and applications.



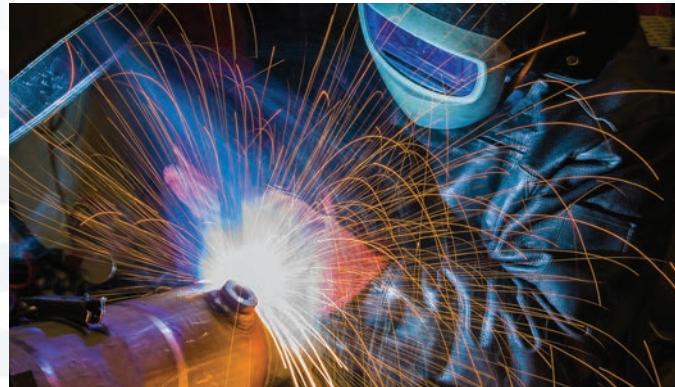
Gas & Liquid Coalescer Filter Separator

FSI's CGFS Gas Coalescer Housing is designed with a vertical configuration in order to utilize reverse flow, thereby maximizing efficiency. The function of the first stage, the lower Knockout Stage, is to remove bulk liquids and heavy solid contaminants. The function of the second stage, the upper Element Coalescing Stage, is the removal of finer liquid droplets and solid contaminants as low as 0.3 microns in size.



Skid Packages

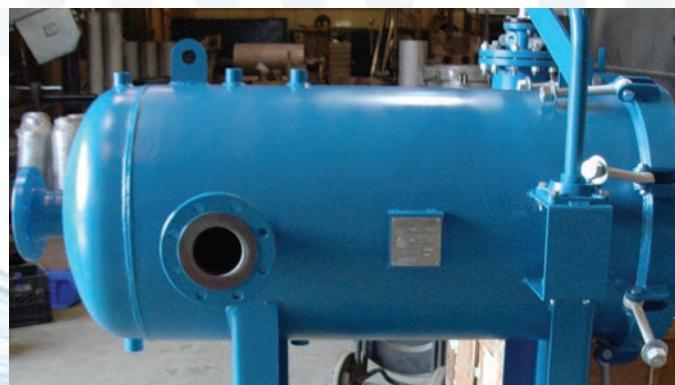
Specializing in drop-and-go skid systems for field applications. As an organization specializing in pressure vessels we are able to engineer and fabricate all types of systems and packages.



Welding

TIG • MIG • SAW • Stick• Plasma

All welding adheres strictly to T.S.S.A. standards and Section IX of the ASME code.



Certifications

Filter Solutions Inc is ASME B31.1 and B31.3 certified by the Technical Standards & Safety Authority of Ontario (TSSA) for shop assembly of pressure piping.

Our company holds ASME, TSSA U & UM and National Board certification for the manufacturing of pressure vessels in accordance with the ASME Boiler and Pressure Vessel Code, Section VIII Division 1.

Custom Filter Housing

Fabricated in common and exotic alloys, such as carbon steel, 300 series stainless, titanium, Alloy 20, and Hastelloy. Filter vessels are commonly designed for sour or sweet service with many NDT (non-destructive testing) requirements. Such as 100% radiography, ultrasonic testing, magnetic particle testing and dye penetrant testing. All welding adheres strictly to T.S.S.A. standards and Section IX of the ASME code.

FILTER SOLUTIONS INC

Benefit from our years of experience as a leading manufacturer of filtration equipment. With over 30,000 square feet of manufacturing and warehousing space we utilize the latest welding, plasma and multi-axis water jet equipment.

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