

WELCOME TO FABTECH INNOVATIONS

• YOUR PATH TO EXCELLENCE IN INDUSTRIAL SOLUTIONS



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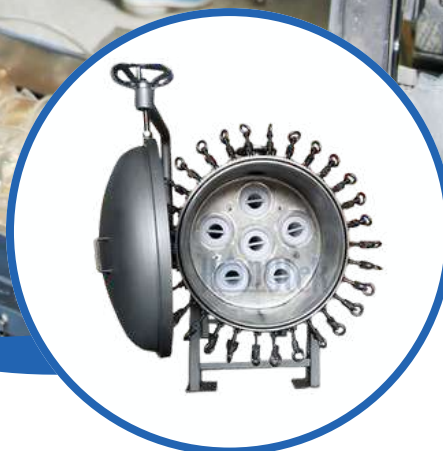
Leading Manufacturer of:

- Bag Filter
- Cartridge Filter Assembly
- Multi Cartridge Filter Assembly
- Sparkle Filter Press - Standard Model
- Sparkle Filter Press - Zero Hold Model
- Vodka Filtration plant

Address:. Khasra No. 766, Gali Number 4, Meerut Rd, behind HLM Collage, Industrial Area, Duhai, Ghaziabad, Uttar Pradesh 201206

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FABTECH INNOVATIONS - YOUR PATH TO EXCELLENCE IN INDUSTRIAL SOLUTIONS

At Fabtech Innovations, we pride ourselves on being a name synonymous with excellence and professionalism.

As a distinguished manufacturer and supplier, we stand at the forefront of innovation, offering top-notch solutions for various industries including Distillery, Brewery, Chemical, Pharmaceuticals, Food Processing Plant, and Bottling Plant. Our commitment to delivering the best service is unwavering, making us a reliable partner for all your industrial needs.

We Elevate Industry Excellence and Craft Innovations That Flow Beyond Boundaries.

- 100% Customized Machines designed as per your choice
- On-site and off-site technical service available worldwide 24/7
- 100% Quality Assurance is our priority.



Our Legacy of Excellence

Fabtech Innovations emerges as the sister concern of Rattan, a trailblazer in the industrial sector. With a rich legacy of excellence spanning years, Rattan has set the standards high in terms of quality, precision, and technological advancement.



Innovation that Drives Success

Innovation is at the heart of Fabtech Innovations. We understand that industries are constantly evolving, and we're here to help you stay ahead of the curve. By choosing Fabtech Innovations, you're choosing innovation that drives your success.



Your Trusted Partner

When you choose Fabtech Innovations, you're not just choosing a supplier; you're choosing a trusted partner in your journey towards excellence. We believe in fostering long-term relationships built on integrity, reliability, and mutual growth. With a customer-centric approach, we strive to exceed your expectations and contribute to your success story.

Bag Filter

Features:

- The bag filter has large flow rate capacity, small volume and dirt holding capacity.
- It is convenient and quick to replace the filter bag, and the filter is no-clean, saving labor and time.
- The side leakage rate of the filter bag is small, which greatly improves the filtration quality.
- The bag filter can withstand greater working pressure, low pressure loss, low operating cost and obvious energy saving effect.
- Filter bag filtration accuracy has been continuously improved and has reached 0.5um.
- The bag filter has a wide range of applications, flexible use and various installation methods.



Material	SS304 or SS316
Bag material	PP/PE/SS
Surface treatment	Polishing or matte treatment
Top Cap installed type	Clamp /flange type, customized
Inlet/outlet connection	Screw/flange type/customized
Seal O-ring	Silicone, NBR, EPDM, Viton
Usage	Liquid, gas filter

Cartridge Filter Assembly

Liquid Filter housing offers complete liquid solution with its unique Over-The-Top design.

The bag filter system is designed for optimum filtration performance. Its range provides filtration solutions for a broad variety of fluid applications in the process industry. They are particularly useful for filtering large volumes of high-viscosity liquids. The bag filter is constructed of the filter housing, filter bags, an internal cage to support bags, a positive sealing arrangement, & choice of end connections. The internal support ensures bags will not burst as high differential pressures build up during operation.

- Processing Chemicals
- Paints
- Petroleum
- Derivatives
- Inks
- Coolants
- Resins
- Cutting Oils
- Varnishes
- Cleaning Fluids
- Lacquers
- Vegetable Oils
- Pharmaceuticals
- Edible Oils
- Sugar Syrup
- Polymers
- Plastics



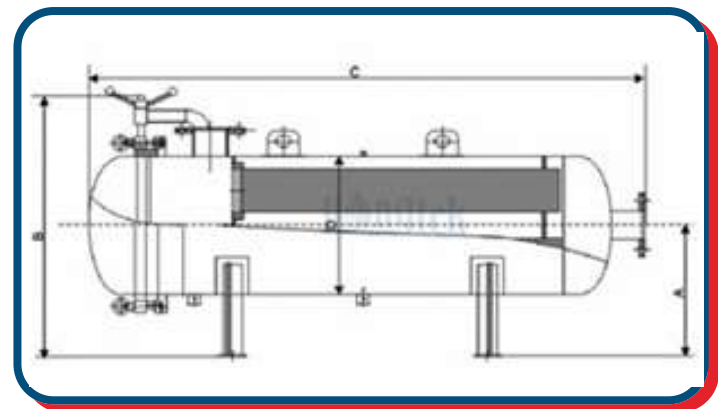
Unfiltered fluid enters the housing and is distributed evenly around the filter bags. Filtration takes place from inside to outside. Solids are collected on the inside of filter bag for easy removal. The filtered fluid then exits through the outlet pipe.

Multi Cartridge Filter Assembly

BCH Series Stainless Steel High Flow Multi Cartridge Filter Housing has vertical and horizontal type, which options to meet the different needs of microfiltration systems, provide better high flow filtration solutions. SS high flow multi cartridge housing is manufactured by high quality SS304 or SS316L stainless steel, suitable for high temperature, acid, alkali and chemical resistance filtration systems. On the basis of inheriting the traditional OD 2.5" depth filter housing, the OD 6" high flow cartridge filter installed in high flow multi cartridge housing adopts a filtration method with higher efficiency and larger flow.

Application:

- Power Plant
- RO Prefiltration
- Microelectronics
- Food and Beverage
- Seawater Desalination
- Pharmaceutical Industry
- Industrial Water Treatment



Technical Specification:

Housing is designed to accept 20", 40", 60" high flow filter cartridges

- Swing bolt closure design assures secure sealing and easy of change outs
- The horizontal style maximizes ease of operation and change-out, while reducing the system footprint
- High chemical resistance and high strength of corrosion resistance permits use in a wide range of applications
- Large diameter cartridge yields high flow rate per cartridge resulting in fewer cartridges and smaller, lower cost vessels

Sparkle Filter Press - Standard Model



Liquid is pumped through the central channel of the cartridge from the bottom of the body. Suspended particles are retained on the filter media resting on the filter plate. Clean filtrate emerges out from the peripheral holes of the plate, into the tank and comes out from the bottom outlet. Filter tank wall does not come in contact with the un-filtered liquid, hence remains clean.

Filter Press – Standard Model

- Sizes available 8", 14", 18", 24" & 33" dia.
- MOC SS 304 / 316 / 316 L with high degree of finish.
- Available with centrifugal / gear/ lobe pump.
- Scavenger arrangement is provided.
- GMP with documentation.

Note: Dimensions & Technical Details are subject to change as per customers' requirement without any further notice

Sparkle Filter Press – Zero Hold Model

The Zero Hold Up Filter Press that is manufactured by Fabtech Innovations Equipment manufacturers has features that makes our models one of the best in the country. The in-detail specifications of the device are provided on the website of our company for customers to choose their variant of the model as we manufacture different types of models for this device.

Feature and Specification of Zero Hold Up Filter Press

- High Functionality
- Rugged Construction
- Thermal Stability
- Compact Design
- Functional Life of Product is Enhanced
- Power Consumption is relatively lower



The basic function of a Sparkler Filter Press follows the given procedure while functioning:

- Liquid is first pumped through a central channel of a cartridge from the bottom of the model.
- Suspended particles are then retained on filter plates that have the filter media on top of it.
- Peripheral holes present of platen then help to clean filtrate accumulated into the tank.
- The rest of the liquid then emerges out of the outlet present at the bottom.
- The best feature of this equipment is that there is never any contact between the wall of the filter tank and the un-filtered liquid.

Vodka Filtration Plant

We are counted among one of the most prominent manufacturers and exporters of Vodka Filtration Offered system is highly demanded in the market due to its effective filtering efficiency. This system is available in a variety of technical specifications as to meet the different requirements of clients. The system offered by us is widely used in distillery industry and are intended for processing water-alcohol mixtures and vodkas. Clients can easily avail this Vodka Filtration from us at reasonable prices.



Features	Advantages for consumers
Stable quality	• High rating of organoleptic properties of the product ◦ smooths out unpleasant tastes and odours of alcohol shades in the flavour ◦ Imparts softness, balance and nobility to the taste and flavour • EPSF.UPt , High efficiency of vodka processing using EPSF.UPt filter elements loaded with platinum-impregnated cocoa carbon • High processing rate of vodka resulting from extremely high catalytic properties of platinum • Increased throughput of filter elements Retention and improvement of organoleptic properties during prolonged storage
Prompt and easy maintenance	• Prompt and easy replacement of filter elements
Large throughput of EPSF.UPt filter elements (minicolumns) at minimum expenses	• Average throughput of a 250 mm high EPSF.UPt filter element is up to 10,000 dal Minimum expenses on test filtration resulting from high hardness of coconut shell carbon and lack of attrition



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