

**SSSI**



***International Ltd.***



**LIMITED**

INTERNATIONAL FILTER TECHNOLOGY



**INFILTEK - THE DESIGNERS AND MANUFACTURERS OF FINE FILTRATION EQUIPMENT**

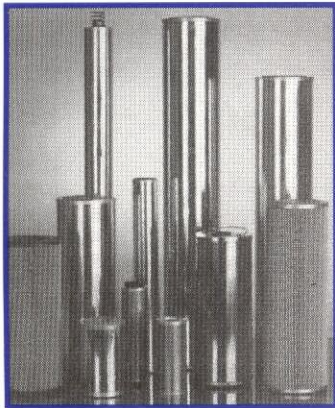


## PRODUCTS:

The filtration equipment covered by this bulletin is backed by over 32 years experience in the Design, Manufacture and Service of quality filtration systems and cartridges. Our activities include direct involvement in the OEM level as well as through our network of experienced distributors.

Over the years, many changes have taken place in the filtration, liquid-liquid separation, gas-liquid separation and in the equipment manufacturing techniques, through this modern technology we are able to supply the finest quality equipment available. Sometimes a custom designed manufactured system is necessary to arrive at the solution.

The company commitment is to provide the most efficient quality product at a competitive price. As a result of this policy we are pleased to present some of the industrial products.



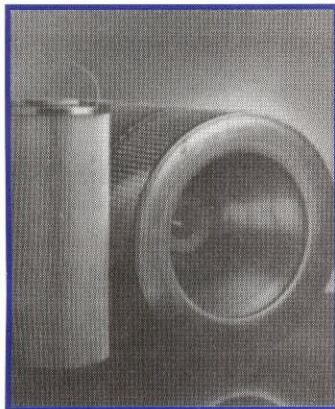
### PLEATED MICRONIC

Elements form cellulose, fiberglass, synthetics and wire cloth with absolute and nominal MICRON or BETA ratings are made for INFILTEK. Pleated elements have large filtration area for dirt retention, therefore they are the most economical to use. Standard elements with single layers and multilayer media are considered to have a 75-PSIG. collapse pressure. A large variety of elements are available from our stock for INFILTEK and other filter vessel makes.



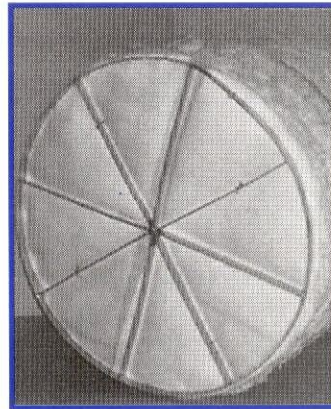
### FILTER SEPARATOR COALESCER ELEMENTS

The coalescer elements flow from inside to outside and have water removal efficiency of 99.9% and solids retention of 1/2-micron and larger. The elements have high surface area and provide depth filtration. Being made without metal hardware, (shells or centre tubes) they can be totally incinerated. The cellulose/fiberglass media which has high impact tensile strength, handles large slugs of water and dirt, because of its efficiency it has many advantages over other elements makes. Available in all sizes and micron ratings from 1/2-micron to 25 micron.



### EDM HIGH PERFORMANCE

The finest quality element at a reasonable price, manufactured in all sizes. The specially treated media is pleated to provide large filtration area for heavy dirt retention. Heavy duty centre tubes ensure a 75-PSI collapse pressure rating. The multi layer pleated media has high flow rates and low initial pressure drop. Filter elements of all sizes and micron ratings are available from stock for minimum delivery time.



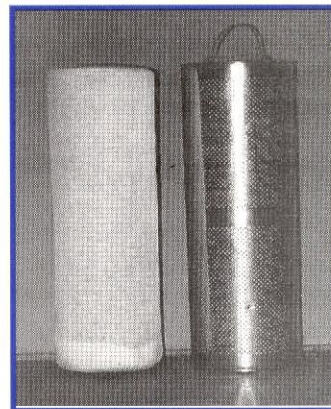
### EXCELSIOR AND COMBINATION PACKS

The dehydration coalescer packs are offered in many choices. Both, commonly used excelsior pack, and fiberglass combination pack are all available with a short delivery time. To maximize the efficiency, the media is carefully packed to provide the proper depth and density for the uniform dispersal of fibers at the time of packing. The excelsior pack which will remove solids and free water from light hydrocarbon liquids is the best choice, for an economical efficient separator.



### WIRE MESH

Pleated and cylindrical elements with fine positive filtration from 5-micron to 100 micron solids removal is available from INFILTEK. The elements provide, high flow rates high dirt holdings capacity, low pressure drop, high collapse strength, high temperature operation and recleaning. Recommended for the filtration of water, oil, liquid chemicals, and for the many types of coolants. The all stainless steel elements are inter-changeable with many other makes, and will fit most standard filter containers. Best quality product at low cost.



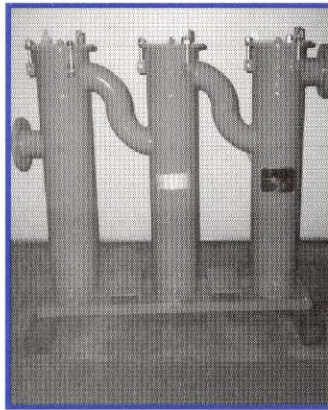
### CLAY FULLER'S EARTH

The most effective element for fuel and oil treatment. Fuller's earth is superior to ordinary earths because of its ability to minimize water adsorption which assures long life in most applications. The element will remove colloids, surfactants, dissolved paints, varnishes, metallic soap, acids and other oxidation products from industrial oils. The elements are an economical choice for filtering oils used in transformers hydraulic systems and aviation fuels. Elements are available from stock.

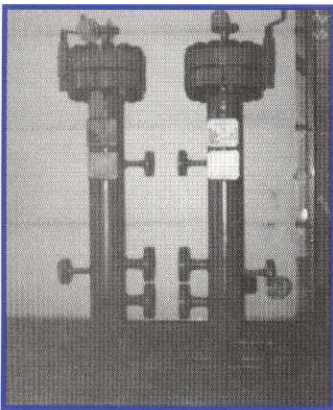


**HYDRAULIC OIL FILTER**

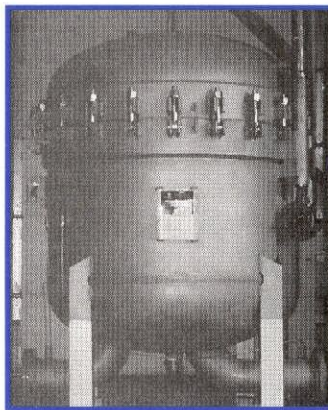
Single or duplex models are fabricated from carbon steel, stainless steel or alloys, from 4 GPM up to 400 GPM, flow capacity. The elements used in the vessel are made of specially treated pleated cellulose or synthetic media, ranging in micron rating from 1 to 25 nominal. Duplex units are complete with valves and controls like pressure gauge, vent valve, safety valve and drain valve. Portable models are leased at a very low cost.

**BAG FILTERS**

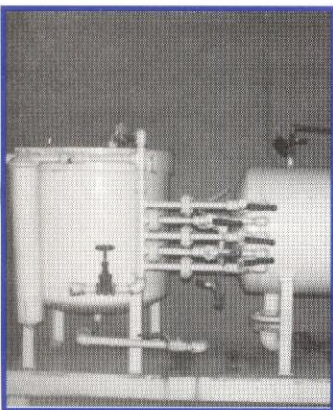
Bag filters offer economical and efficient liquid filtration. They keep the particulate contaminants in the bag with no residual contaminant build up. All models feature heavy duty stainless steel retainers baskets. Other features are positive 360° sealing of bag circumference and easy, fast bag change out. Vessels are built in accordance with the ASME pressure vessel code from carbon steel, stainless steel and alloys for capacities up to 2000 GPM. The filter bags are available in a large variety of media and micron ratings from 1 micron to 1400 microns.

**LUBE OIL FILTERS**

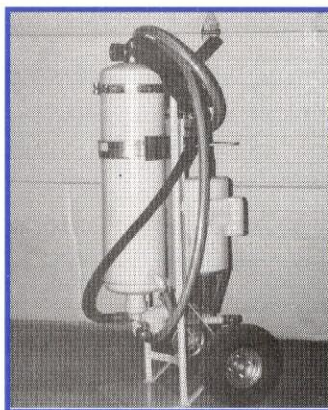
Single unit or Duplex unit system complete with transfer valves and instrumentation, plus a pressure equalizer line is standard for the supply on continuous oil flow for large turbines, compressors, and other rotating equipment. These filter vessels designed to ASME code are made from carbon steel with O-ring seal and swing bolt closures. INFILTEK vessels and complete systems are engineered up to 300 psi operation pressures.

**MICRON FILTER**

Complete filtration units or systems for industrial fluids are available in a range of sizes from single elements to 240 elements allowing flow rates as high as 12,000 GPM. Special units designed specific products to customers specifications are available from stainless steel aluminum, carbon steel, epoxy lined and other alloys. Vessels closures are either swing bolts, through bolt or quick opening to suit operation requirements.

**WATER/CHEMICALS FILTER**

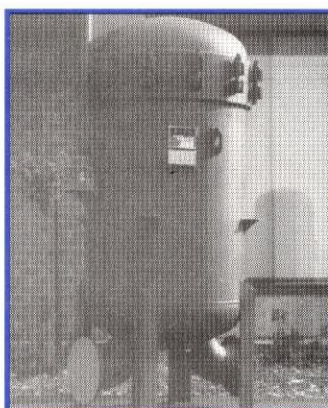
Filter vessels are available in Single and Multiple cartridge models, fabricated to pressure vessel code from carbon steel, stainless steel and alloys. Standard models are 150 PSIG, with special units designed for specific products to customers specifications. The filter elements available consist of the wound or molded type of polypropylene, polyester or activated carbon media's. You can depend on INFILTEK to provide a reliable filtration unit or a complete system. The vessels are designed for fast easy maintenance.

**PORTABLE OIL FILTERS**

"Don't throw your coolant away". Re-cycle it! The portable oil filter will provide an economical means of fine filtration for applications such as reservoirs, batch filtration of fluids and other applications where one filter may serve several locations. The filters are complete with pump, piping, valves and electrical connection come ready for operation with capacities from 5 GPM to 50 GPM. These portable oil filters can be leased by customers for batch operation.

**STRAINERS AND BASKETS**

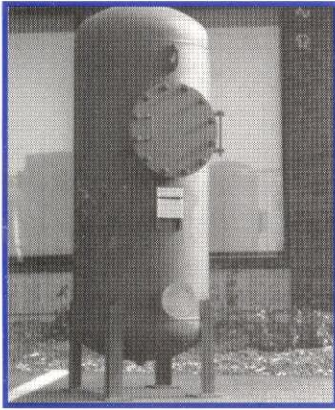
Designed for bulk solids removal by use of a removable, cleanable strainer basket. The vessel body is designed to ASME pressure vessel code requirements in many configurations materials like carbon steel, stainless steel and alloys. Standard size is from 2" up to 36" with large area heavy duty stainless steel basket, and mesh media to suit the application. Duplex models are available with connections valves and instrumentation. Send your basket for relining to INFILTEK.

**VERTICAL COALESCER**

The coalescer separator provides the ultimate in clean, dry products and positive protection against contaminant carry over. Separators are available in single stage, two or three stage designs. The vessels are designed to ASME code standards, from carbon steel, stainless steel, aluminum and alloy, or pressures 150 psi to 3,000psi. The units are available complete with controls such as air eliminator, safety valve, pressure gauge, automatic drain control and sampling probes. This is the most efficient means of removing water and solids from fuels.

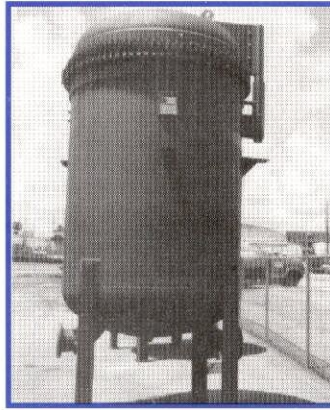


## LIQUID AND GAS FILTER/SEPARATOR



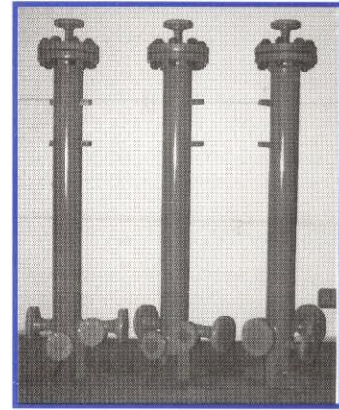
**GAS SEPARATOR**

The horizontal or vertical separators are normally engineered with swing bolts or quick opening closure. Design pressures from 150 psi to 3000 psi are standard equipment. The separators which operate with high efficiency molded fiberglass cartridges and knitted wire mesh or vane type mist extractors, assure 99.9% liquid and solids removal. Features include a large capacity water sump equipped with options of automatic drain, liquid level controls, liquid level gauge and manual drain valves.



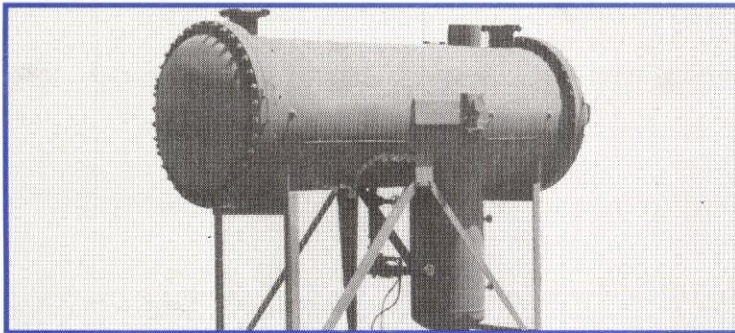
**CLAY FILTER**

Filters are available with flow capacities from 10 GPM to 1,200 GPM of ASME code fabrication. The swing bolt closure provides easy element servicing. The vessel interior is epoxy lined with the clay canisters placed on stools, removable posts. The inlet-outlet connections are flanged all others being NPT-couplings. Clay filters are used for filtration of lube oil, transformer oils, hydraulic oils, and for pre filtration of aviation turbine fuels. Compact portable units are available on lease.



**GAS FILTER**

Filters are essential, standard equipment for gas turbines, compressor stations and for the protection of the gas meter regulators. The specially treated cellulose element will remove particles from gas streams to 99.8% efficiency over one micron. The design incorporates low pressure loss, high solids capacity, no carry over and very low maintenance cost. The filters are provided with blow down connection for purging of dry contaminant's from the filter elements.

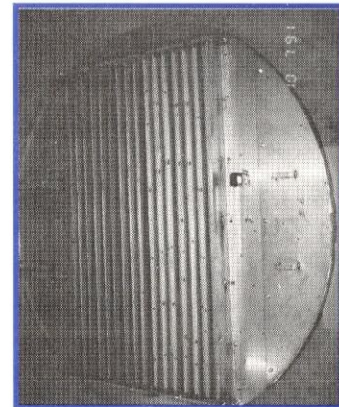


**DEHYDRATOR/SEPARATOR**

The single stage filter separator is the most economical unit to remove water and dirt from gasoline, diesel fuel, stove oil, naphtha and kerosene. The full opening swing bolt closure will provide easy servicing. The separated water is collected in the sump from where it is drained automatically or by a manual drain valve. While excelsior media packs are standard, special repacks from fiberglass or stainless steel wool are manufactured for flow capacities up to 2,000 GPM.

INFILTEK products are available as standard or custom design in pressure ratings up to 3,000 psi, from materials such as carbon steel, stainless steel, aluminum and other alloys. The vessels or the complete systems are supported with replacement elements and other spare parts. Elements are available from stock for INFILTEK filters and other filter makes.

INFILTEK will custom design and manufacture almost any type of filtration system or cartridge, for further information call, write or fax:



**GAS MIST ELIMINATOR**

The vertical vessel is equipped with a mist eliminator pad to remove solids and liquids from gas stream. The standard vessels are fabricated from carbon steel with flanged inlet-outlet connections and side manways. The knitted wire mesh pad media will remove solids and liquids to 99.99% efficiency. There is no limit on size and shape of a mist eliminator. Under normal conditions, the mist-pad is self cleaning, therefore it is a low maintenance, economical separator.

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