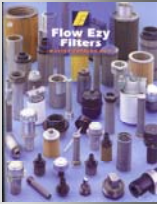




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FILTERS

STRAINERS

MOTORSPORT FILTERS

ACCESSORIES

CROSSOVERS

[Flow Ezy makes every effort to maintain our e-mail list. If you do not wish to receive our newsletter, please click here and let us know.](#)

FLOW EZY SIMPLEX STRAINERS

Flow Ezy simplex strainers are available in standard designs as shown, or can be custom designed to meet your application needs. The standard simplex strainer is designed and built in accordance with ASME Section VIII and all include ANSI flanges. Housing material is either carbon steel or stainless steel in 304 or 316.

FABRICATED PERMANENT STRAINERS



The simplex strainers are available in flange sizes 2" to 24." Mesh size baskets from 20 to 200 are standard or baskets in perf sizes 1/4 to 1/16 are also available. Baskets are made in all stainless steel. Contact Flow Ezy for more information.

SUCTION SCREENS



Suction screens can be used for straining paint, oils, chemicals, water, or other compatible fluids. They are made of tough fiberglass reinforced nylon and stainless steel wire cloth. The wire cloth is sonically embedded into the nylon through heat and vibration. They are not affected by temperature, will not strip, pull loose, or crack. The nylon is rated to 340° F. Thread sizes available in 1/8" npt to 3" npt, male or female. There are also 10 mesh sizes available, from as open as 4 mesh to as fine as 200 mesh. 60, 100, and 200 mesh are backed up with a heavier 30 mesh for inner support.

MESH OR MICRON - WHAT'S THE DIFFERENCE?

Wire cloth manufacturers all over the world refer to "mesh" when selling or weaving wire cloth. Over the years the two terms have mixed fairly well, like water and oil, and always causing confusion. There is a way out! My suggestion would be to be knowledgeable in both terms "mesh" and "micron." Do you need a comparison chart? Flow Ezy has them. They are called Media Samplers. Make sure that when talking to someone about "100 mesh," for illustration, they mean "mesh" and not "micron." This is a common error we find all the time.

In the most simple terms, "mesh" means the number of openings in a linear inch of wire cloth. If there are 30 opening per inch, then you have 30 mesh. Micron refers to a unit of length equal to one-millionth of a meter. Therefore, 30 mesh, when referred to in microns, would be approximately 595? So you see the importance of knowing, if it is "mesh" or "micron?"

It is very important that we distinguish between the two terms. It could mean all the difference in the world in the performance of your system. Proper filtration is one of the most important aspects in the operation of any system. A good rule of thumb to follow is, if you are not sure, ask. Don't guess.

"Wire cloth manufacturers like to talk in terms of "mesh," filter companies like to talk in terms of "micron."

A FEW WORDS ABOUT CUSTOMER SERVICE



This logo is a sign of a quality product at a fair and reasonable price. We will do our best to take a futurist position realizing that "service" will remain a key component for success as long as human beings are around. What is service you ask? It's simply put in 7 words, "conduct contributing to the advantage of another." We realize that regardless of the methods employed, customers will expect incredibly responsive service every time, especially in today's business climate. Those companies who can provide it more consistently are those that will survive.

Y-TYPE FILTERS

These filters are built on a proven design of the common "Y" strainer, but instead of a coarse screen, they contain a true micron rated filter element for much finer filtration applications. The element is pleated to give up to 4 times the surface area of a non-pleated element. In fact, the filtering area of the Y-filter design is equal to that found in standard hydraulic filters at a fraction of the cost.



The flow path in this design is through the inside surface of the element where the contamination is caught. There can be no dirt "wash-off" downstream during servicing. You also do not have to break the line to service the element. Call for more information.

SPIN-ON FILTER ELEMENTS



We offer our standard spin-on filter elements which will interchange with many other manufacturer's spin-ons. Flow Ezy's will interchange with certain ones from the following manufacturers; Ambac, Can Flo, Cim-Tek, Donaldson, Fram, Gresen, Hastings, Hycon, LHA, Luberfiner, Pall, Parker, PTI, Vickers, Wix, Zinga, and many others.

FLOW EZY HYDRAULIC PRINCIPLES QUIZ

1. Fluids that flow with difficulty have a low viscosity. True or False.
2. _____ is the study of liquids at rest and the forces exerted on them or by them.
3. _____ is the study of the forces exerted on a solid body by the motion or pressure of the fluid.
4. _____ is the distance a fluid travels in a specified time.
5. Area is always expressed in _____ units.
A. square; B. cubic; C. either A or B; D. neither A nor B

1. False; 2. Hydrostatics; 3. Hydrodynamics; 4. Velocity; 5. A. square