

FLOW EZY FILTERS, INC.

Ethanol Production Filtration Systems



FLOW EZY FILTRATION SYSTEMS - VITAL AT EVERY STEP OF ETHANOL PRODUCTION

We can supply you with the proper filters you need from seal water to final load out.



SEAL WATER FILTER

Model 4 filter covers are easily removed without special tools, and the basket or bag is easily cleaned or replaced.

Seal Water Features

- Model: 4
- Housing Size: 12 inch
- ANSI Flange: 1 inch, 150 Class
- Outlet Style: Side
- Pressure Rating: 150 psi
- Housing Material: 304 Stainless Steel
- Cover Seal: Viton® Fluoroelastomer
- Basket Seal: Required
- Basket: Strainer, Perforated Metal
- Basket Media Size: 9/64"
- Adjustable Legs



190/200 PROOF FILTER

Model 8 filter housings for particle retention down to 1 micron. Covers are easily removed without tools, and the basket or bag is easily cleaned or replaced.

190/200 Proof Features

- Model: 8
- Housing Size: 30 inch
- ANSI Flange: 4 inch, 150 Class
- Outlet Style: Side
- Pressure Rating: 150 psi
- Housing Material: 304 Stainless Steel
- Cover Seal: Viton® Fluoroelastomer
- Basket Seal: Required
- Basket: Strainer, Perforated Metal
- Basket Media Size: 9/64"
- Adjustable Legs



WATER TREATMENT & IRON RECOVERY—ENERGY CENTER SUMP FILTERS

Model 6 Bag Filters for particle retention down to 1 micron. Covers are easily removed without tools, and the basket or bag is easily cleaned or replaced.

Water Treatment Features

- Model: 6
- Housing Size: 30 inch
- ANSI Flange: 6 inch, 150 Class
- Outlet Style: Side
- Pressure Rating: 150 psi
- Housing Material: 304 Stainless Steel
- Cover Seal: Viton® Fluoroelastomer
- Basket Seal: Required
- Basket: Strainer, Perforated Metal
- Basket Media Size: 3/16"
- Adjustable Legs



COOL WATER & EVAPORATION CONDENSATE

Model 8 Strainer housings for particle retention down to 74 micron. Covers are easily removed without tools, and the basket or bag is easily cleaned or replaced.

Cool Water & Evaporation Condensate Features

- Model: 8
- Housing Size: 30 inch
- ANSI Flange: 6 inch, 150 Class
- Outlet Style: Side
- Pressure Rating: 150 psi
- Housing Material: 304 Stainless Steel
- Cover Seal: Viton® Fluoroelastomer
- Basket Seal: Required
- Basket: Strainer, Perforated Metal
- Basket Media Size: 3/16"
- Adjustable Legs



SOLIDS/LIQUIDS SEPARATORS - COOLING TOWER FILTER/SEPARATOR

In-Line Separators use centrifugal action separator to remove grit, sand, metal chips, fines, and other solids from liquids. These units require little or no maintenance, as there are no moving parts to fail or wear out, or filter media to clean or replace. The unit only requires a simple purging, eliminating downtime.

Solids/Liquids Separator Features

- Model: SEP-275
- Flow Rate: 275 GPM
- Pipe Size: 3" NPT
- Pressure Rating: 150 psi
- Housing Material: 304 Stainless Steel
- Purge Valve: Automatic



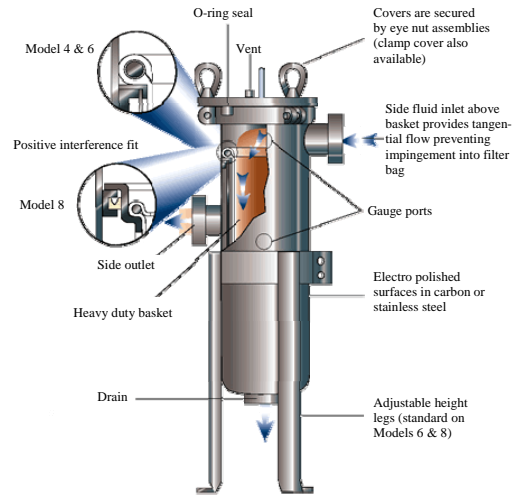
LOAD OUT FILTERS

Multi-basket strainers and bag filters offer a wide range of flow capacities and contamination holding capabilities. The contain from 2 to 23 baskets. To serve as a filter, it's fitted with perforated stainless steel baskets designed to hold disposable or cleanable filter bags. Industry-standard size bags are used. The standard 30" baskets accept the bag size 2, the option 15" baskets take size 1.

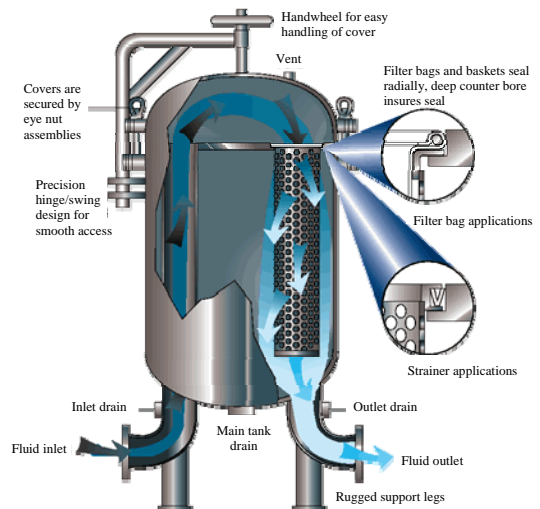
Load Out Filter Features

- Multiple Styles: Standard, Quick Access, Low Profile, Hinged
- Pressure Rating: 150 psi
- Flanged Connections: 2" through 12" pipe
- Vent, Drain, and Gauge Connections

HOW THEY WORK



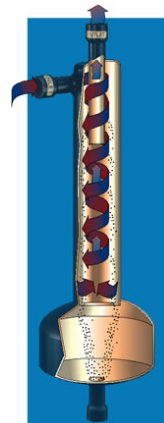
TYPICAL SINGLE FILTER



TYPICAL MULTI-FILTER

SOLIDS/LIQUIDS SEPARATORS

Fluid enters the pressure vessel tangentially at high velocity. A centrifugal action is created, which forces the solids to separate and enter the sump, while the clean liquid exits up through the standpipe. The solids collect in the sump and can easily be purged. The operation is so simple, it can be set to automatically purge on a times interval.





We have big tanks, too!

Flow Ezy introduces Filter and Bulk Media Tank manufacturing capabilities. Vessels as large as 10 feet in diameter, with pressure ratings to 2500 psi. If you need a ASME, DNV, or Bureau of VERITAS code, we can furnish you with one. Non-destructive testing procedures are utilized.

Contact us for all your filtration needs and request any of our catalogs. Visit our web site at www.flowezyfilters.com for more information.



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