

ROSEDALE

Ethanol Production Filtration Systems



ROSEDALE FILTRATION SYSTEMS — VITAL AT EVERY STEP OF ETHANOL PRODUCTION

Rosedale has been servicing the ethanol industry for years.

Our ethanol experts can supply you with the proper filters 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-inch
- Adjustable Legs



190/200 PROOF FILTER

Model 8 filter housings for particle retention down to 1 micron size. 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-inch
- Adjustable Legs



WATER TREATMENT & IRON RECOVERY — ENERGY CENTER SUMP FILTERS

Model 6 Bag Filters for particle retention down to 1 micron size. Covers are easily removed without special 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: Strainer, Perforated Metal
- Basket Media Size: 3/16-inch
- Adjustable Legs



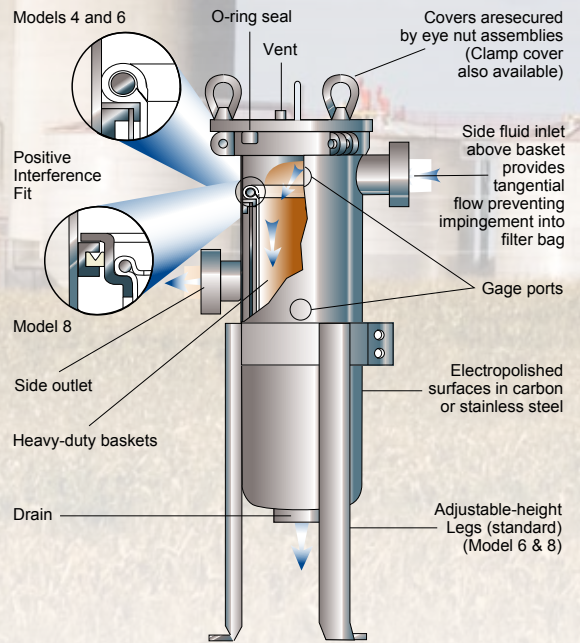
COOK WATER & EVAPORATION CONDENSATE

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

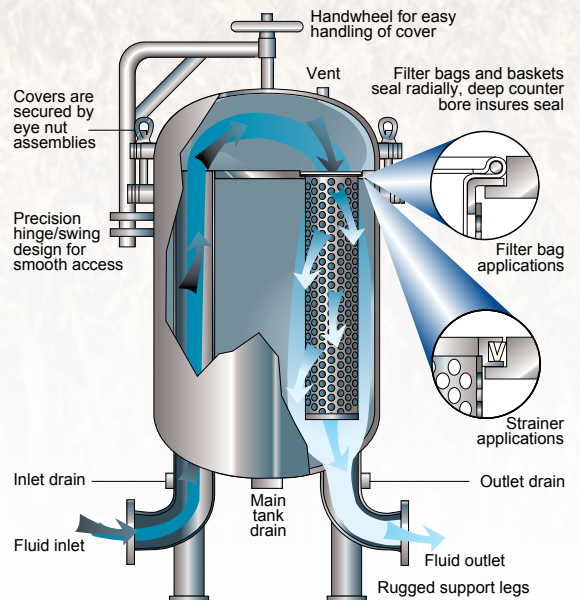
COOK WATER & EVAPORATION CONDENSATE FEATURES

- 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-inch
- Adjustable Legs

How They Work



TYPICAL SINGLE FILTER



TYPICAL MULTI-FILTER



SOLIDS/LIQUIDS SEPARATORS — COOLING TOWER FILTER/SEPARATOR

In-Line Separators
Use our 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
 - Pipe Size: 3-inch 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 contaminant-holding capabilities. They 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 inch baskets accept bag size 2, the optional 15 inch baskets take size 1.

- LOAD OUT FILTER FEATURES**
- Model: SEP-275
 - Flow Rate: 275
 - Pipe Size: 3-inch NPT
 - Pressure Rating: 150 psi
 - Housing Material: 304 Stainless Steel
 - Purge Valve: Automatic
 - Adjustable Legs

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 timed interval.





Rosedale builds big tanks, too

Rosedale introduces Filter and Bulk Media Tank manufacturing capabilities. Vessels as large as 10 feet in diameter, with pressure ratings to 2500 PSI. Capabilities include plant management, engineering services, and complete production facilities. Rosedale has ASME, DNV and Bureau of VERITAS codes. Non-destructive testing procedures are utilized. For more information go to: www.rosedaleproducts.com/offshore.html.



Rosedale Filtration Products, Inc.

3730 W. Liberty Road, Ann Arbor, MI 48103
(800) 821-5373 or (734) 665-8201
Fax: (734) 665-2214
<http://www.rosedaleproducts.com>
E-mail: filters@rosedaleproducts.com