



Koss ClearBrine™
UF System



Separation & Filtration

Solutions that help keep your products safe

When your process dictates that air, steam, gas, liquid or your product be separated, filtered or strained, our years of processing experience will help you find just the right solution.

Membrane Systems

It can be challenging to produce safe, quality products in a cost-effective manner. Our membrane systems help increase product quality, yield and production efficiencies while reducing costs. We'll work with you to design a processing filtration product that meets your specific needs. Each of our custom-built membrane systems is available in a variety of configurations.

- UF - Ultrafiltration systems (including the Koss ClearBrine™ unit)
- MF - Microfiltration systems
- NF - Nanofiltration systems
- RO - Reverse osmosis systems
- Meet or exceed USDA sanitary standards



Koss
RO System

Continuous Straining Systems

Want to increase efficiency of your process cheese line? We've designed a continuous strainer which removes particulates from process cheese after it's been cooked. This little system can make a big impact on your productivity by drastically reducing the number of necessary sock changes upstream.

- Skidded system
- Heavy-duty stainless steel
- Reduces downtime by limiting the maintenance of clogged sock filters
- Small foot print: roughly 8' by 2.5' and standing less than 4' tall
- Meet or exceed USDA sanitary standards



Continuous
Straining System

Culinary Steam Assemblies

Does steam come into direct contact with your food product? Improve overall product quality with a steam assembly from Koss. Our units meet 3-A Accepted Practice requirements.

- Capable of removing 95% of particles two microns or larger
- Filtered steam will result in a purer end product
- Custom fabricated from stainless steel
- Meet or exceed USDA sanitary standards



Culinary Steam
Assembly

We are a leading manufacturer of custom stainless steel processing equipment and a preferred provider of quality products and services to the dairy, food, beverage and other sanitary industries.



Separation & Filtration

Rotary Drum Strainers

Our custom rotary drum strainers are used to separate and sieve particles from product streams and are mainly used in situations with a high water flow and relatively small load of solid particles. Our strainers are stainless steel and ideal for a variety of applications. The rotating filter drum is continuously cleaned by a steam header and rotation against a scraper blade. Benefits of a rotary drum strainer include:

- High throughput
- Continuous operation
- Low operating costs / low energy input required
- Sturdy construction
- Wide range of applications due to stainless steel
- Direct sludge outlet into drainage container
- Can serve as a single-service CIP system for a brine environment
- Meet or exceed USDA sanitary standards



Rotary Drum Strainer

Filter Elements & Housings

Filtering prevents particulates (which could affect product safety, consistency and/or flavor) from infiltrating your product. We can provide a wide variety of filters and housings that best complement your flow rate and product viscosity.

- Borosilicate glass fiber, 316 stainless steel-sintered and 304 stainless steel-pleated mesh/fleece models
- No-shed culinary steam elements available that won't shed carbon
- Variety of housing options from 3-A symbol authorized to non-sanitary
- Custom air-filter housing assemblies available



Filters, Strainers
& Housings

Strainers & Stands

We custom-build wedge wire strainers in a variety of lengths and mesh sizes. We also engineer and build stands to meet your operational needs.

- 3-A symbol authorized
- 316 stainless steel fabrication
- 4, 6 and 8 inch diameters
- Multiple inlet and outlet placement options
- Optional water-jacket version available
- Meet or exceed USDA sanitary standards
- Standard, manual and automated stands available



Dual Filter Stand

Contact us for a quote!

1-800-844-6261 or inside.sales@kossindustrial.com