



Shell & Tube
Heat Exchanger



Heat Exchange & Transfer

Custom solutions for your specific needs

At Koss, we offer a variety of sanitary heat exchangers and heated water systems in order to bring you the best and most cost-effective heating and cooling solutions for your unique processing applications.

We custom build and source heat exchangers which can be used for a variety of purposes including:

- Cooling, heating, and pasteurizing of milk, cheese, whey, yogurt, kefir, pudding, cream, ice cream mix, and more
- Cooling, heating, short-term heating and super-heating of cream
- Cooling of brine and curd
- As a hot water boiler
- CIP systems

Custom Built Shell & Tube Heat Exchangers

We custom build shell and tube heat exchangers in both straight and U-tube configurations.

- Body lengths from 2 to 20 feet
- Stainless steel construction with clamp and welded body connections
- Optional insulation (with stainless steel welded covering)

Custom Built Spiral Heat Exchangers

Our custom-built spiral heat exchangers are designed to meet your exact needs. Alfa Laval models also available.



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Spiral
Heat Exchanger



**We proudly carry Alfa Laval
heat exchangers.**

Alfa Laval Plate Heat Exchangers (PHEs) and Scraped Surface Models

We are an Alfa Laval Master Distributor and offer a full line of PHEs including gasketed and brazed models. We also offer Alfa Laval's ConTherm® scraped surface heat exchangers.



Plate
Heat Exchanger

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.

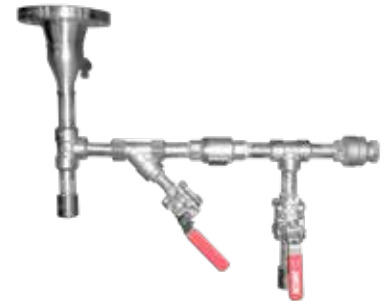


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Condensate Assemblies

Keep your heat exchanger working at maximum effectiveness with a custom-built condensate assembly from Koss.

- Sanitary stainless steel
- Single or dual systems available
- Horizontal or vertical steam trap orientation
- 3/4" thermostatic steam trap(s)
- 150 or 300 PSI flange
- Ball and check valves
- Customizable connections/configurations upon request
- Meet or exceed USDA sanitary standards



Condensate Assembly

Hot Water Sets

Custom hot water sets from Koss are ideal for when you need a consistent, readily-available hot water or steam supply for your sanitary processing system. Our stainless steel water heating systems are designed and manufactured to meet your specific requirements.

- Precise temperature control
- Reduced production times
- Even heat distribution, eliminating hot spots
- Lower pressure requirements mean no special jacketing needed
- Eliminates the need for high-pressure steam runs for a safer environment
- Wall mount or skidded designs
- Meet or exceed USDA sanitary requirements



Hot Water Set

Heat Exchanger Service

Our service techs are capable of maintaining a wide variety of heat exchangers to keep you running at maximum efficiency.

- Plate punching/cutting
- Regasketing and restreaming
- Documentation
- Modification, service and repair
- Service kits
- Large parts inventory (new and spare)
- Reconditioned stock



Heat Exchanger Service and Parts

Contact us for a quote!

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