ASEPTCONN AG

Heat Exchanger



About us

Aseptconn is a leading supplier of components, products, software, and systems for sterile liquid technology, primarily serving the pharmaceutical and biopharmaceutical sectors. With innovative products and expert consulting, Aseptconn helps its customers sustainably improve their processes. Its extensive portfolio and diverse services make it the preferred supplier for many renowned international pharmaceutical companies.

Product Description

Exergy heat transfer products instantly provide hot or cold water at controlled temperatures. When not in use, a continuous flow of hot water from the main loop maintains sterility in the sub-loop, eliminating WFI residues.
Designed to meet the highest standards, these systems adapt to the stringent requirements of the pharmaceutical, biotechnology, chemical, and aerospace industries.

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Exergy - Heat Exchanger

Products

All Exergy products are designed to meet the high standards and requirements of the pharmaceutical and biotech industries. They can be customized to meet the needs of each of our customers, depending on their intended use and limitations.



Shell & tube heat exchangers



Tube in tube heat exchangers

Compact :

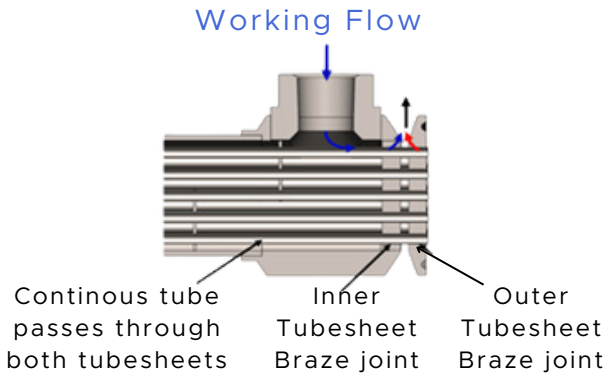
Exergy heat exchangers are up to 4 times smaller than conventional heat exchangers. They feature a large heat transfer surface in a reduced geometry. This makes them easy to adapt to tight spaces and increases the production capacity of existing sites.

Economical:

Our heat exchangers are maintenance-free.
Water requirements are considerably reduced thanks to the small size of our products.

Adaptable :

Each heat exchanger can be customized to meet the individual needs of our customers.



Zero contamination

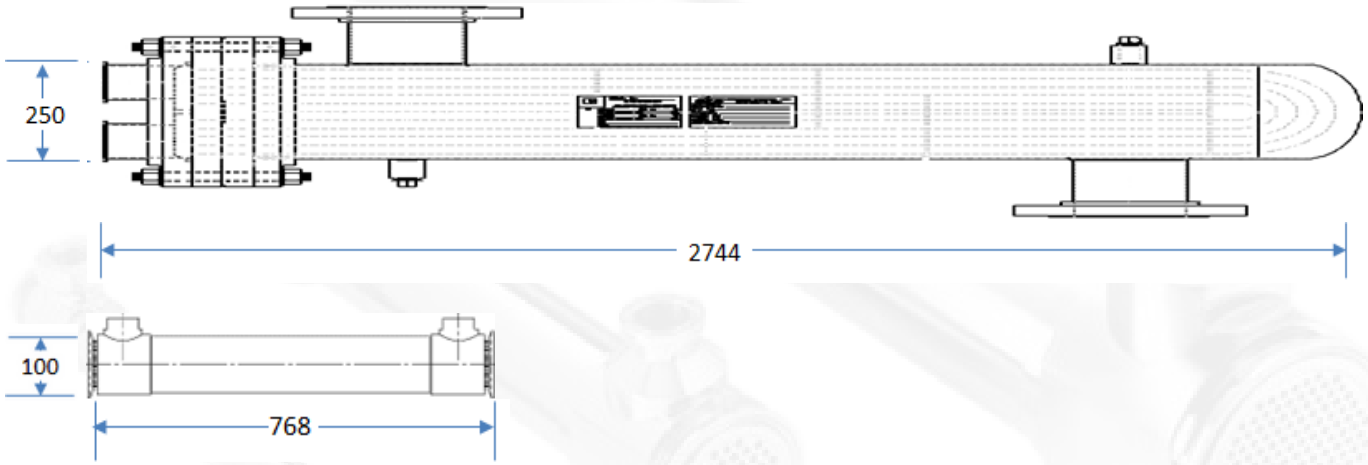
The double-tubesheet bottom design prevents the process fluids from being contaminated with the operating fluids in the event of a leak at the seal.

Exergy - Heat Exchanger

Exergy compact vs. conventional heat exchangers

Application: 302 LPM WFI Trim Cooling 25°C to 20°C

Metric	Exergy Compact	Conventional
Hot water flow	189 LPM	252 LPM
Size	100mm x 768mm	250mm x 2744mm



Typical applications

- Cooling or heating POINT OF USE
- Water for injection (WFI)
- Condensation and subcooling of clean vapor (vapor pressure 125 PSI/8.5 bar)
- Temperature control of a high purity product
- Product sampling