

Corrugated Tube Heat Exchangers

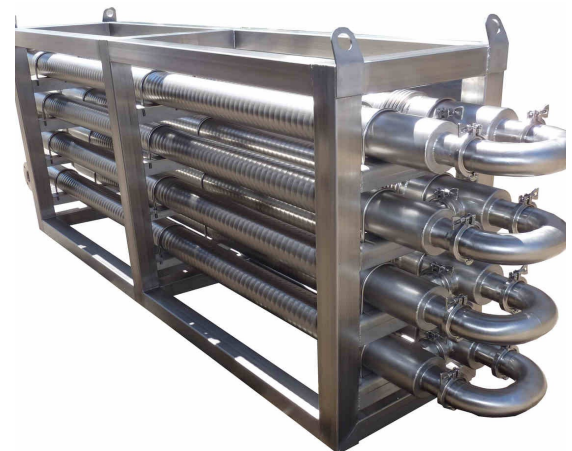
Our range of Corrugated Tube Heat Exchangers use corrugated tubes to enhance heat transfer. Each design has variants for either industrial or hygienic applications. Construction can either be all welded or with removable tubes for ease of maintenance. Specific product leaflets on our range of mono-tube and multi-tube units with demountable tubes are available on request.

We supply two types of Corrugated Tube Heat Exchangers. Mono Tube & Multi Tube.

Please see below to see the advantages of both types.

Mono Tube Features

The mono-tube design comprises a single corrugated tube within a tube. Units can be supplied either of all welded construction with expansion bellows in the outer tube or with a dismountable inner tube. This method of construction removes the need for expansion bellows and allows the inner tube to be replaced.



Mono Tube Applications

Typical applications include:

- Sewage sludge heating
- Effluent water cooling
- Heating & cooling of sauces, purees & pulps
- Laundry & dye-house effluent heat recovery
- Milk, cream and juice heating
- High temperature & pressure applications



Multi Tube Applications

The multi-tube design is ideal for heating applications using steam, fluids containing fibres or small particles and slurries.

Typical applications include:

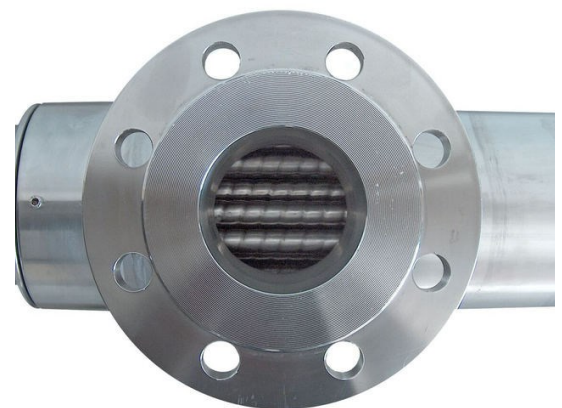
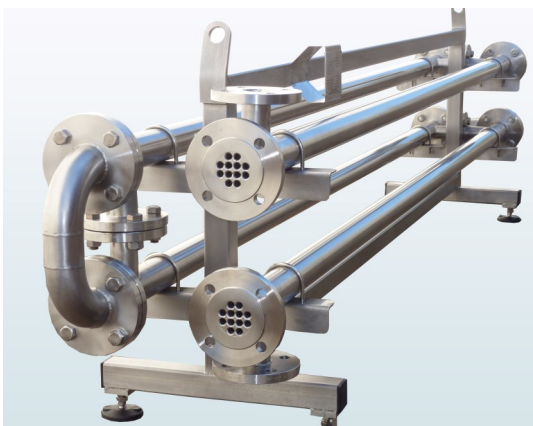
- Steam heating of water & CIP solutions
- Water to water heat recovery
- Fluid heating using thermal oil
- High temperature sterilisation of milk, juices etc.
- Exhaust gas cooling
- High temperature & pressure applications



Multi Tube Features

The multi-tube design consists of a number of corrugated tubes within a shell. The process fluid flows through the inner corrugated tubes with the service fluid in the shell.

Units can be supplied either of all welded construction with expansion bellows in the shell or with a dismantable tube bundle. This method of construction removes the need for expansion bellows and allows the tube bundle to be replaced.



UK Exchangers Ltd

Unit 55, Stilebrook Road, Olney, Buckinghamshire MK46
5EA