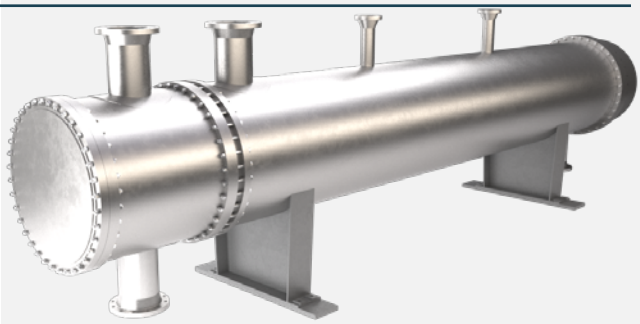
Heat Exchangers

Efficient Heat Transfer



Product Description

Heat Exchanger transfers heat from one medium to another, using space heating refrigeration, air conditioning, power stations, chemical plants etc.

Its design helps maximize the area of the wall between the fluids besides lowering resistance to fluid flow.

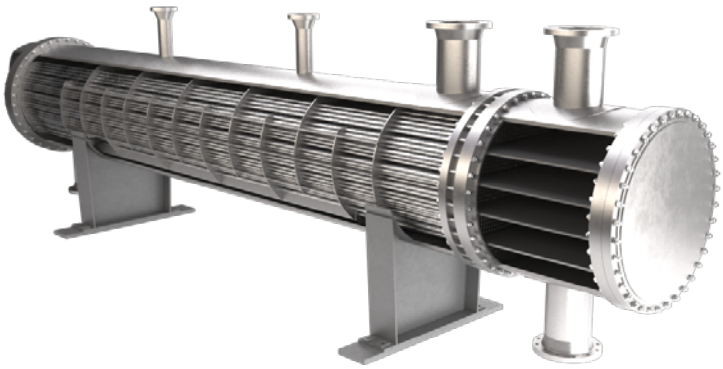
Shell and Tube Heat Exchangers has series of tubes of which one contains the heated or cooled fluid.

There is a second fluid that runs over the tubes to provide heat or absorb it accordingly.

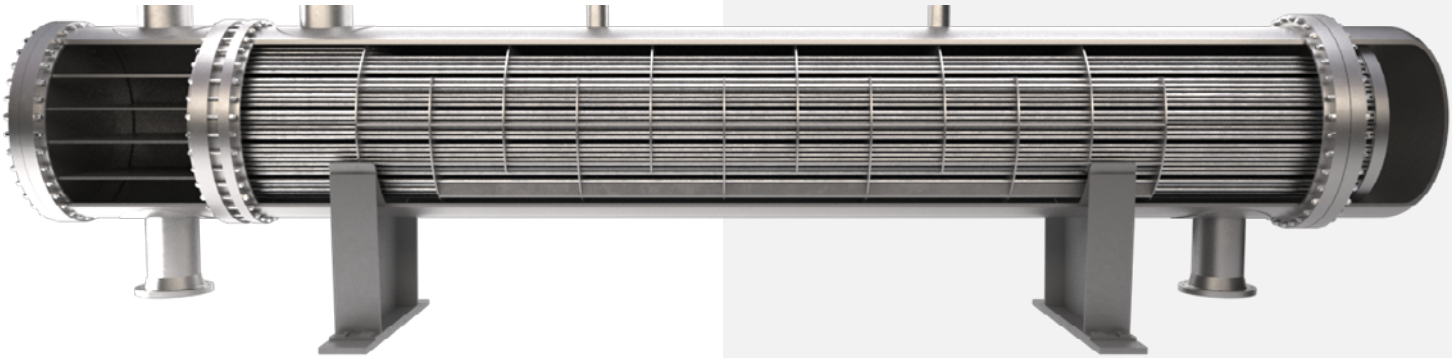
A set of tubes is called the tube bundle and can be made up of several types of tubes: plain, longitudinally finned, etc.

Shell and tube heat exchanger are typically used for high-pressure applications (with pressures greater than 30 bar and temperatures greater than 260 °C).

This is because the shell and tube heat exchangers are robust due to their shape.



Standard Sizes	1” to 12” DN25 to DN300
Body / Flanges	1- Carbon steel 2- Stainless steel AISI 316 –L or 304-L 3- Aluminium 4- Customer Specification
Flange Drilling	API Class 150, PN16, and Special
Flame Element	Stainless steel AISI 316 –L or 304-L
O-ring Seal	Nitrile, Special
Screen	Stainless steel
Weather Hood	Carbon steel, Stainless steel or Aluminium
Paint Finish	1- Powder Coating, Colour RAL 9006 2- Epoxy Paint, Colour RAL 9006 3- Customer Specification
ATEX Cert	Ex II 1/2 G IIA



Key Features

- Robust design and minimized maintenance ensure maximum uptime.
- Superior thermal performance means maximum heta recovery using minimal heating and/ or cooling media, which cuts fuel consumption, energy costs and environmental impact.
- Small footprint and light weight minimize installation, operating and maintenance costs.
- Gasket-free construction means high security against leakage.
- Easy to install and maintain due to multipass design.
- Compact solution with a small footprint.

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data sheet series

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