

# COIL & SHELL HEAT EXCHANGER



Geurts International B.V. was founded in 1963. Since that time the company has gained extensive experience, knowledge and expertise in the field of heat exchanging equipment & heat transfer solutions.

We design and manufacture heat exchanging

equipment for a variety of industries such as Petrochemical/Chemical, Power generation and Energy. Heat exchanging equipment can be specifically designed to suit customer's requirements like highly corrosive, high temperature high pressure applications.

**HEAT EXCHANGERS**

# COIL & SHELL HEAT EXCHANGERS

The coil & shell heat exchanger finds its use in a variety of general applications like cooling or reheating of biogas to reduce the water content, heating of water, general (feed) water heating, heating or cooling of moderate chemical applications.



## EXAMPLE APPLICATIONS

The coil & shell heat exchangers are often installed in pilot plants and analyser systems due to their relatively small size. Usually in these cases the volume flows are small and many types of equipment are too large and become unsuitable for the job. The coil & shell heat exchanger easily deals with low flow applications or high pressure applications. The efficiency of the heat exchanger makes it possible to design compact units and saves space in relatively small installations.

## DESIGN FEATURES

Tubes (straight or corrugated) and shell are standardised in size and manufactured in stainless steel 304 or 316, offering a standardised design for a broad spectrum of applications. The complete range of heat exchanger models is standardly designed for a pressure of 16 barG and temperature on both sides of 203°C. For applications on higher pressures and temperature models are available as well, please consult Geurts International if you have an application that requires different features.



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