



SpiralEx

THE NEW STANDARD IN SPIRAL HEAT EXCHANGERS

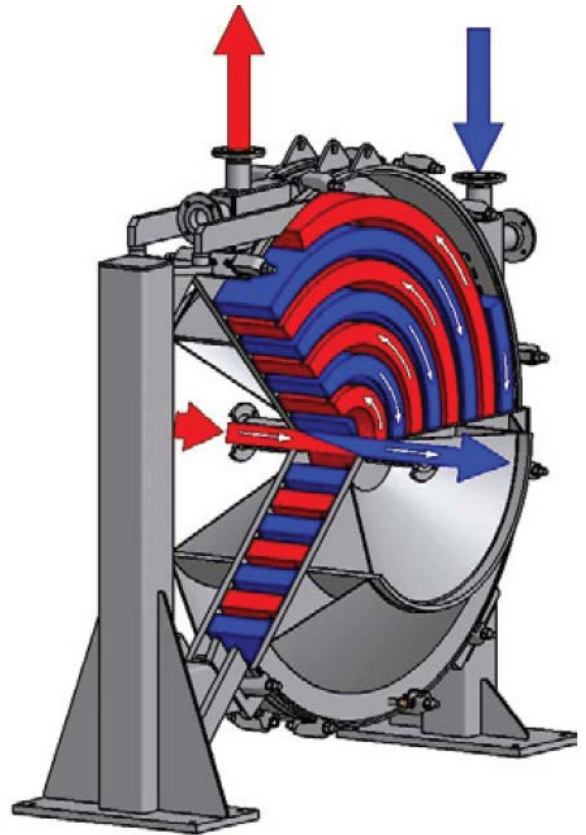
Standard **X**change
a xylem brand

Design

The Standard Xchange SpiralEx spiral heat exchanger is manufactured with two opposing spiral channels.

The two products flow in a counter current arrangement which allows for a close temperature approach between the two products.

Specially design flow channels allow for a wide variety of fluids e.g. fouling fluids containing solids and fibers, waste water, slurries and condensing applications.



Maintenance

The Standard Xchange SpiralEx spiral heat exchanger provides easy access to heat transfer surfaces. Each side of the spiral can be accessed by removing the side covers without special tools .



Standard Xchange spiral heat exchangers are used in many industrial markets



Refineries/Petrochemical



Biogas



Waste water



Pulp and Paper

Performance

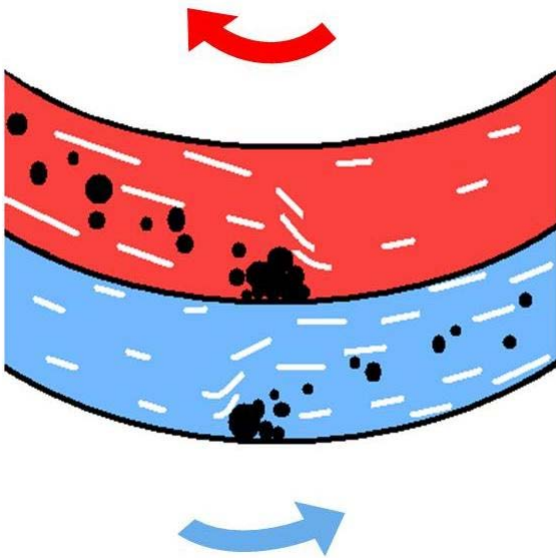
High Overall Heat Transfer Coefficients due to centrifugal effects.

Spiral flow passages creates turbulent flow increasing overall heat transfer coefficients and reduces fouling.

Selection of spiral configuration for optimal fluid velocity.

High Overall Heat Transfer Coefficients and counter current flow allows for temperature cross and close approach.

Flow channels allow for use with slurries, sledges and fluids with solids.



Specifications

Ratings

Design Pressure..... -150F to 750F
Design Temperature..... FV to 360 psig
Code..... PED 97/23/EC

Construction

Material Steel and Stainless Steel
Shell Diameters..... 24 - 78 Inch
Spiral Widths..... 10 – 60 Inch
Spiral Spacing 8 – 45 mm
Surface Area 10 ft² to 5000 ft²



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FOR MORE INFORMATION, PLEASE CONTACT: