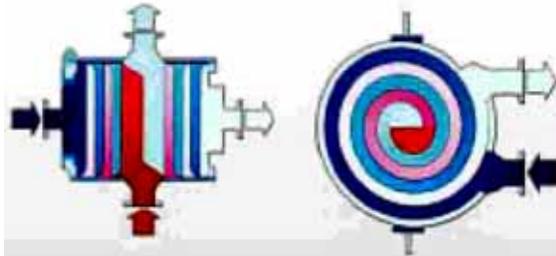
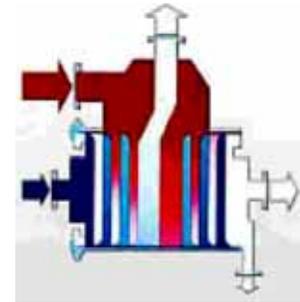
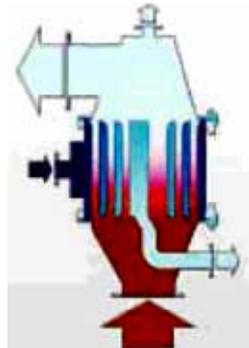


Spiral Heat Exchangers

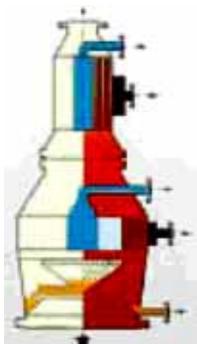


The most common Spiral Heat Exchanger type for liquid to liquid applications in **Counter-Current Flow**. This is often mounted horizontally to increase the self cleaning effect if the fluids contain solids or are prone to fouling. Smaller vapor flows can be condensed in this type.

Cross-Flow heat exchanger design is mainly used for condensation. Low pressure drops under high vacuum conditions can be achieved, even if vapor volumes are very large.



Combination of **Counter-Current & Cross-Flow**. Vapor mixtures containing non-condensables can be handled in this cross and counter-flow design. Condensate can be further sub cooled and the condensation can be improved by changing the flow direction from cross-flow to counter or spiral-flow.



Spirals can be installed as a top condenser, a space saving design.

- High heat transfer
- Low Fouling, self cleaning
- Easy access for mechanical cleaning
- Double channel combines two heat exchangers in one unit.

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