

About Our Teaming Agreement

Curtiss-Wright and Aerofin's teaming agreement brings over 100 years of combined experience designing and manufacturing parts to the nuclear industry. With this agreement, Curtiss-Wright serves as a channel to market for Aerofin products in the nuclear power generation, Department of Energy and commercial nuclear markets. Founded in 1923, Aerofin is a leading manufacturer of finned tube heat exchanger coils and related heat transfer equipment, and has been servicing the nuclear industry since 1966. Today, the company's installed base of nuclear coils covers over 94% of US nuclear power plants and dozens more worldwide. All Aerofin coils have been comprehensively LOCA tested at over 30 load points. With a resident ANI at their 165,000 sq-ft manufacturing facility in Lynchburg, VA, Aerofin can fabricate nearly any finned tube heat exchanger or other heat transfer product. Both spiral and plate fin coils can be designed for new applications or as drop-in replacements for existing equipment with the same geometry and performance as the original.

Cooling Coils

Barrel Header Coil - Shown here with copper spiral fins, a pipe barrel header is the most simple and economical header option to serve as a manifold connecting to the finned tubes.

Removable Header Coil - Removable header provides easy maintenance access for cleaning, inspection and plugging of tubes.

Split-Fit Coil - Constructed in smaller sections to optimize replacement when accessibility to the coil area is limited. The Split-Fit option offers a replacement for longer coils, and the sections can be bolted together during installation.

Other Products

ASME-NPT Stamped External Frame - Dual water coils with copper tube, copper spiral fin and stainless steel headers designed to be removable from an NPT stamped stainless steel frame.

Automatic Backwash Strainer - Self-cleaning particle strainers that provide continuous protection for downstream equipment and can be custom-fabricated, or refurbished existing units.

Circular Coil - Fluid to fluid heat transfer for batch heating and cooling.

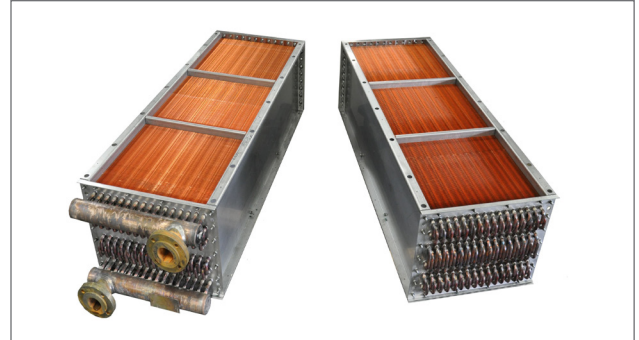
Shell & Tube Heat Exchanger - Fluid to fluid heat transfer including condensers and evaporators for chiller applications.



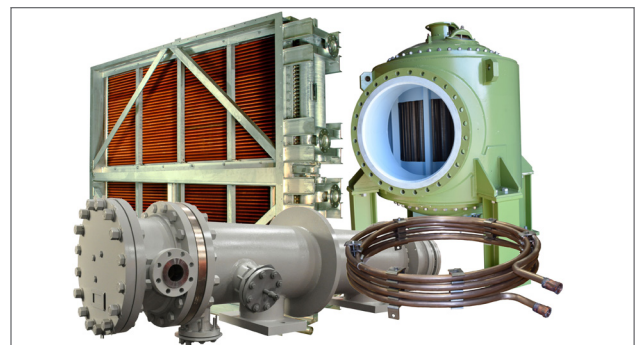
Barrel Header Coil



Removable Header Coil



Split-Fit Coil



Frames, Strainers, Circular Coils, Shell & Tube Heat Exchangers

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