

Aerofin Celebrates 100 Years!

Founded in 1923, Aerofin is a leading manufacturer of finned tube heat exchanger coils and related heat transfer equipment. Servicing the nuclear industry since 1966, Aerofin's installed base of nuclear coils covers over 94% of US nuclear power plants and dozens more world-wide. 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

Aerofin provides both pipe barrel and removable box headers as manifold options connecting to the finned tubes. The pipe barrel is simpler and more economical while the removable headers provide easy maintenance access for cleaning, inspection and plugging of tubes. Similar access can be provided on pipe barrel header coils through cleanable H-bends as well. The Split-Fit™ coil design is constructed in smaller sections to optimize replacement when accessibility to the coil area is limited. It offers a replacement for longer coils and the sections can be bolted together during installation.

Other Products

Aerofin also offers fluid-to-fluid heat transfer options. Shell and tube heat exchangers are available including condensers and evaporators for chiller

applications. Circular coils provide batch heating and cooling solutions. Also available are ASME NPT stamped components and automatic backwash strainers providing continuous protection for downstream equipment.



**EXPERTS IN HEAT TRANSFER
SINCE 1923—SERVICING THE
NUCLEAR INDUSTRY FOR
50+ YEARS**

Aerofin has been manufacturing products for the worldwide nuclear utility industry since 1966. For Fin-Tube Coils (plate or spiral fin options available), Shell & Tube Heat Exchangers, or Automatic Backwash Strainers, Aerofin is the most experienced and uniquely qualified source for safety related and non-safety related nuclear components.

QUALIFICATIONS

- NUPIC Audited
- ASME AG-1 CONAGT
- ASME Section III (Class 2 & 3)
- ASME Section VIII
- 10 CFR 50 Appendix B
- 10 CFR 21 Reportability
- ASME NQA-1 / NCA-4000
- LOCA Performance Tested



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