



Heat Exchangers for the Pulp & Paper Industry

Removing moisture with dry heat is an essential requirement for paper mills, and heavy-duty heat exchangers are the most reliable equipment to use when converting wood pulp to paper.

Advanced Coil understands that the pulp and paper industry faces unique challenges including large air volumes, unfiltered air full of fibrous particulate and intense humidity. These factors, among others, put coils to the test, causing coils to plug and require pressure washing to be cleaned. Fins on conventional spiral-wrapped coils and light-duty industrial coils trap the particulate in the fin bundle. Frequent cleaning will damage conventional fins which impairs both the safety and efficiency of the equipment. To combat this, Advanced Coil has developed heavy-duty coils that stand up to the extreme environmental factors and care requirements of the pulp and paper industry.

We offer heavy-duty fins, made from half-hard aluminum and copper in thicknesses of 0.016", 0.025", 0.032" and 0.040" that withstand the rigors of high-pressure washing, and 304 or 316 Stainless steel fins in thicknesses of 0.010", 0.015" and 0.020" that are suitable for corrosive environments. We use 7/8" O.D. tubing made from either 304LSS, 316LSS or carbon steel with wall thicknesses of 0.049", 0.083" or 0.109".

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■ WHY CHOOSE ADVANCED COIL?

Advanced Coil's plate-fin design and wide fin spacing are particularly suitable for the pulp and paper industry. We understand that paper machines run 24/7 with few shutdown periods during the year leaving little time to shut down to replace a coil that has failed. Our quality coils withstand constant operation and cleaning. The benefits of using our coils for paper drying applications include:

- Reduced amounts of fibrous particulate deposits on the coil face
- Heavy-duty fins can withstand high-pressure washing
- Reliability and longevity
- Unexpanded tubes provide a higher level of corrosion protection
- Welded joint construction that can withstand high-pressure steam (> 25 psig) and fluid applications
- Heresite and ElectroFin coatings available on all products

■ APPLICATIONS IN THE PAPER & PULP INDUSTRY

- Dryer hood air supplies on the paper machines
- Building air make-up
- Boiler air pre-heats
- Exhaust heat recovery from the paper machines



Peace of Mind.

Our 5-Year Warranty. Durable. Reliable. Proven.

Our 5-Year warranty demonstrates our products are engineered to perform and built to last. Since 1995 we have stood behind our work. Durable. Reliable. Proven. Ultimately, this is about your peace of mind. Contact us today to learn more.

