RADIANT TUBES, HIGH TEMPERATURE FANS, RECUPERATOR BUNDLES

for the Aluminum Industry
A single-source solution for replacement furnace components

Alloy Engineering’s complete line of replacement furnace components for aluminum processing—radiant tubes, high-temperature fans, and recuperator tubes—is designed and fabricated to maximize service life and energy efficiency.

Our logistics-support program, including factory-stocked replacement components, eliminates costly supply and inventory hassles. We are dedicated to increasing your process effectiveness while reducing the cost of operations.

Contact one of our highly trained, experienced sales engineers and application specialists, or call or visit our web site—www.alloyengineering.com—to discover how Alloy Engineering can raise your productivity and lower costs.

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Over the years, Alloy Engineering has pioneered the development of rolling, forming, and welding techniques to ensure the highest quality, most durable products available, anywhere. We are an ASME Certified Code facility, and our welders are experienced in working with stainless steels, nickel-based alloys, and exotic metals. All are certified by the American Welding Society.

Alloy Engineering’s 42,000 sq–ft manufacturing facility in the Cleveland metro area houses cutting, forming, welding, positioning, and quality-control equipment. With this equipment, our experienced, highly trained manufacturing team produces products with consistently high quality that meet, or exceed, customer requirements.

Whether you smelter, recycle, roll, extrude, cast, forge, draw, galvanize, or coat aluminum, Alloy Engineering can reduce your maintenance, production, and energy costs. Alloy Engineering radiant tubes out perform and last longer than the tubes they replace. Made from ductile high-nickel, low-carbon alloys with a controlled, tight grain structure, our radiant tubes have high resistance to thermal fatigue.

We understand how and why radiant tubes fail. By using various grades of wrought materials in a fabrication, we can enhance the performance of specific areas of a tube. Our fabricated tubes have a low mass that enhances heat transfer for high efficiency while reducing energy and operating expense.

Alloy Engineering fabricates tubes in any configuration and wall thickness and supports all furnace OEM tube designs. For your convenience, we can repair or replace return bends, flanges, bungs, and straight components on site.

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