

About Marlow Industries

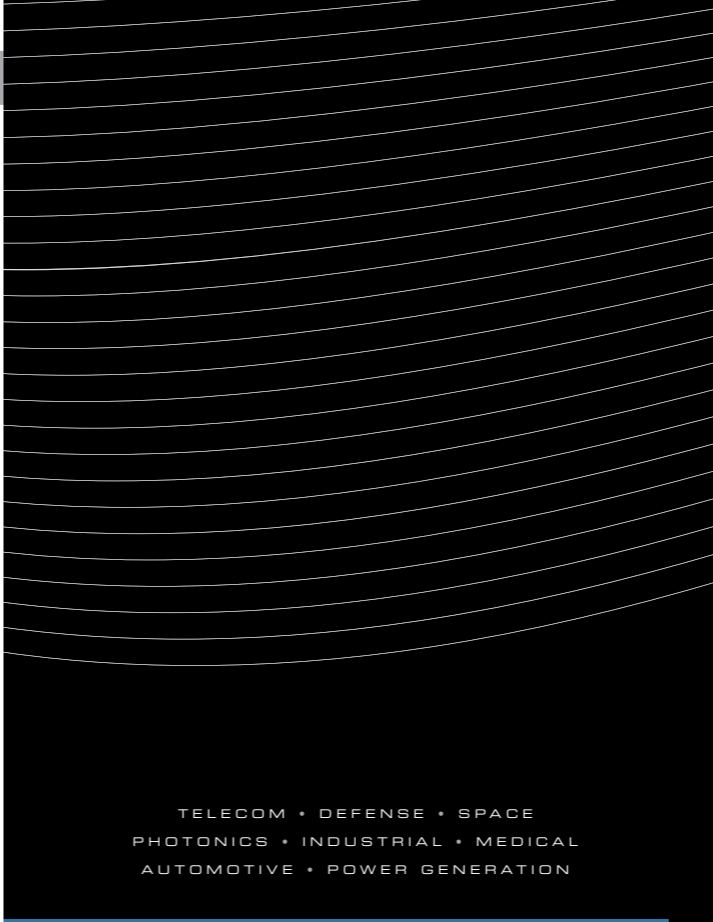
The highest quality thermoelectric solutions at competitive prices

Marlow Industries is the world leader in quality thermoelectric technology. Marlow Industries develops and manufactures thermoelectric modules and value-added systems for the aerospace, defense, medical, industrial, automotive, power generation and telecommunications markets. Marlow prides itself on providing standard or custom modules and sub-assemblies to meet our customers' requirements.



innovative
DESIGN

optimum
PERFORMANCE



TELECOM • DEFENSE • SPACE
PHOTONICS • INDUSTRIAL • MEDICAL
AUTOMOTIVE • POWER GENERATION



marlow industries, inc.

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www.marlow.com (visit for worldwide locations)



High quality
thermoelectric solutions



marlow industries, inc.

Company Overview

Quality

As a Malcolm Baldrige Quality Award winner and ISO 9001 qualified manufacturer, quality remains the foundation of Marlow's culture and business philosophy. For every product or service we provide, we strive to meet or exceed our customers' expectations, without exception. To reinforce this commitment, each employee takes a personal pledge to do their job "right today, better tomorrow."

Custom Solutions

At Marlow Industries, we tailor our thermoelectric solutions to fit the customer's application and requirements. Market focused business teams act as an extension of your business providing industry expertise and feedback to successfully deploy thermoelectric technology within an application. With our full range of products and services, Marlow can offer the optimum solution to meet the quality, performance and price needs of the customer.

Performance

With the foundation of Marlow Industries as a thermoelectric supplier to the aerospace and defense markets, quality, reliability and performance were structured into all products and processes as the defining elements of success for the company. From start-to-finish, we manage by statistical process control—following product development procedures, lean manufacturing techniques and the principles of six sigma. This foundation allows Marlow to comply with the most stringent requirements and offer a consistent quality level customers can depend on, regardless of the industry or application.

Value

With our ISO 9001 qualified facility in Vietnam, customers can take advantage of Marlow's superior quality products at competitive rates. The Vietnam factory enables Marlow to effectively meet the quality, price and performance needs of customers, while narrowing the time zone gap and providing close interaction for those who manufacture worldwide. To continue the hallmark quality emphasis of Marlow Industries, the Vietnam facility is governed according to Marlow's Total Quality System which is based on the Malcolm Baldrige award criteria.

Global Support

As a global company, Marlow Industries can offer closer interaction and real-time technical support for customers manufacturing worldwide. Marlow provides engineering, sales and customer service through our design centers in North America, Europe and Asia. Marlow offers additional support through a global network of channel partners and regional offices located in the U.S., Germany, China, Japan and Singapore.

Innovation

Marlow Industries is committed to the advancement of the thermoelectric industry. With over 40 issued patents and 15 published authors on staff, Marlow Industries offers a strategic advantage to the customer in selecting the appropriate thermal solution to match their application's requirements. Furthermore, the expertise of our staff is reinforced by our continual investment in state-of-the-art research and development. Our world-class design engineers and materials research scientists continue to push the limits of thermoelectric technology. Bring us your thermoelectric problem. We'll solve it.

Marlow's Product Lines

Marlow Standard Thermoelectric Coolers

Signature, high quality thermoelectric coolers offered as standard products for sale online.

Custom Design Thermoelectric Coolers

Advanced TEC design and production for specialized requirements of Marlow customers. Custom products can be built and tested for high performance, RoHS compliance, Telcordia, medical, defense and space qualifications.

Consumer Grade Thermoelectric Coolers

Economy line of thermoelectric coolers offered through a distributor agreement with Guangdong Fuxin Electric Company.[™]

Power Generators

Thermoelectric generators and assemblies that convert heat to electricity, powering applications.

Temperature Controllers

Temperature controllers maintain the cold side ceramic on a thermoelectric cooler at a desired temperature by adjusting the power to the cooler.

Thermal Sub-Assemblies

Sub-assemblies designed and built for integration with OEM end-use products.

Thermal End-Product Assemblies

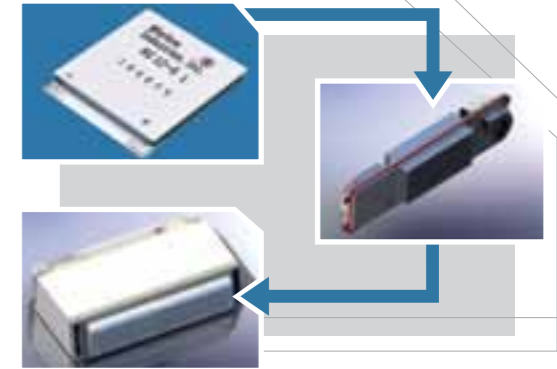
Complete products manufactured upon OEM request that require embedded thermoelectric assemblies.

Accessories

Accessories to facilitate TEC integration into systems/assemblies.

Value-Added Thermoelectric Solutions

As a vertically integrated manufacturer, Marlow Industries builds custom thermoelectric components, subsystems and end-use products to maximize performance and minimize cost.



When Marlow designs the comprehensive thermal system, customers benefit from:

- ➔ Marlow's expertise in thermoelectric module & assembly design
- ➔ Marlow's diversified market experience to support multiple applications
- ➔ A seamless integration with the customer's application—ensuring optimum design and longer lifetime.
- ➔ Low cost manufacturing through Marlow's manufacturing facility in Vietnam
- ➔ A reduction in customer's engineering and development expenses
- ➔ Parts designed for manufacturability, minimizing overall application costs
- ➔ Marlow's advanced assembly and test capabilities

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