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THERMAL MANAGEMENT

**THE PROMISE
THE PROOF
HEATEX**

AIR-TO-AIR HEAT EXCHANGERS

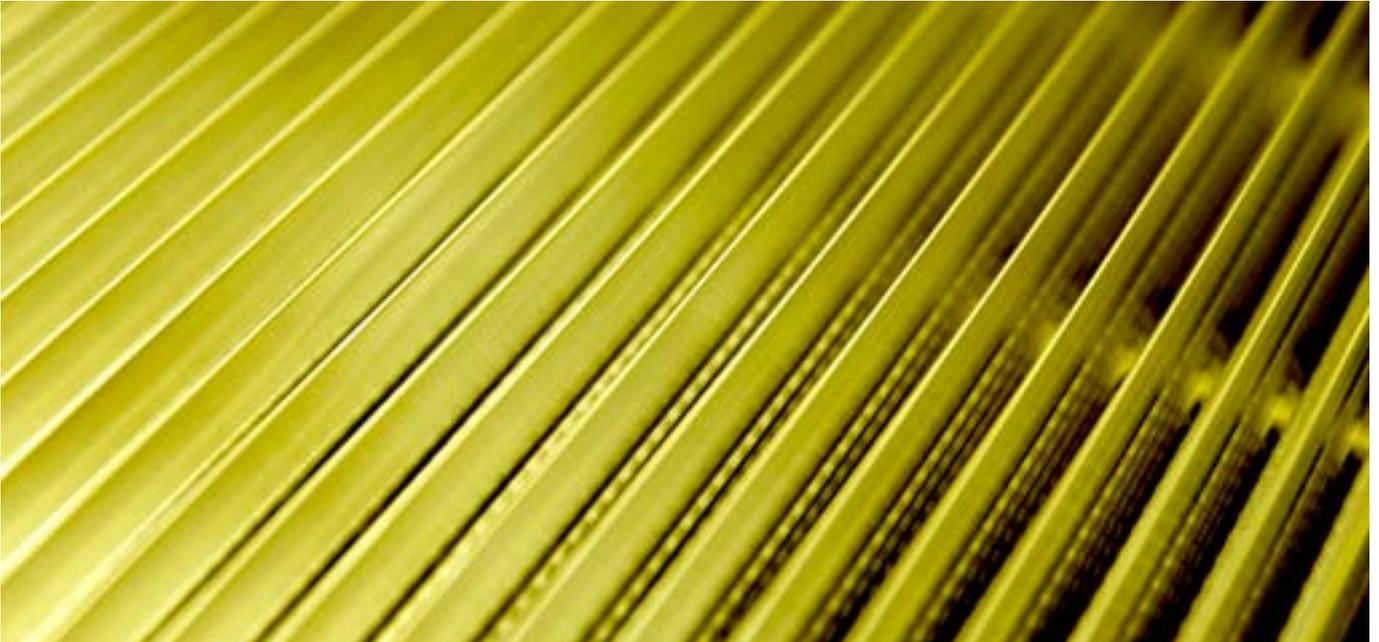
HEATEX

DYNAMIC AND EVOLVING MARKET FORCES REQUIRE INNOVATIVE SOLUTIONS

The pace and growth of modern technology places numerous challenges across several industries. Telecommunications, power generation, IT and data storage, for example, are all pushed to the limit by growing demand, environmental restrictions and competitive markets. Protecting the sensitive equipment that drives our society is integral to providing solutions to these challenges.

THERMAL MANAGEMENT FOR SECURE AND RELIABLE SERVICE

As the scale and complexity of the electronic devices increases, so does the need to protect them from overheating, moisture, dust and other contaminants. Effective, reliable and environmentally friendly thermal management solutions are essential to a successful overall system design. Applying the correct thermal management system is critical for long service life, reduced operating costs, and minimal downtime.



THE PROMISE: HEATEX IS A GLOBAL COMPANY WITH ADVANCED TECHNICAL CAPABILITIES

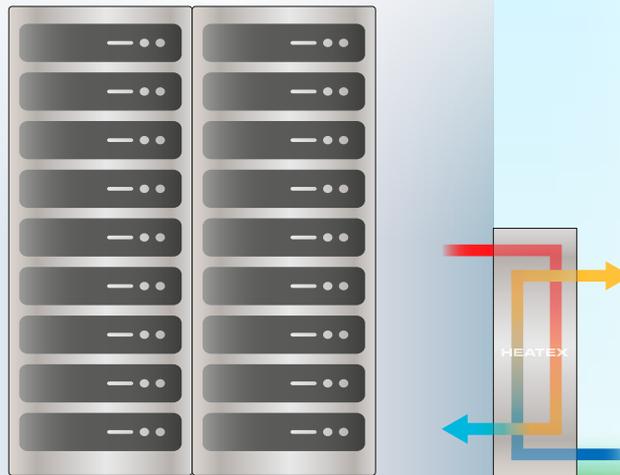
We are heat transfer experts with over 50 years of experience in heat exchanger development and production. Worldwide engineering support and production facilities allow us to work closely with our customers, ensuring rapid technical response and short lead times. All sites work according to the same processes with the same methods to guarantee that our products have the same superior quality no matter where they are manufactured.

Heatex' plate heat exchangers form the basis of our custom thermal management solutions. Our cores have been field tested and proven in almost any environment. The products are available in many different sizes and configurations. To help our customers to select the the optimal products for their solutions we offer engineering support to customize the exchanger, providing a variety of integration options.

THE PROOF: INNOVATIVE SOLUTIONS FOR THE MOST CHALLENGING THERMAL MANAGEMENT APPLICATIONS

Heatex plate heat exchangers provide reliable and energy efficient cooling to enclosures and sensitive equipment. Good examples are telecommunications cabinets, generators, and data centers. Heatex products are easily scaled for optimum design and are available numerous advanced options to facilitate integration into the overall design and easy installation

Our advanced thermal system modeling software easily get correct calculations with system effect modeling and also to shorten our design cycle and have a more rapid development.



RELIABLE AND AFFORDABLE CLOSED LOOP SOLUTION

Closed loop systems are essential to remove excess heat while protecting sensitive equipment from water and dust. Applying a heat exchanger solution gives low initial, maintenance and operating costs. Heatex heat exchangers are an ideal solution for closed loop thermal management, providing a robust, energy efficient design for affordable operation and minimal downtime.

- **EXCELLENT PROTECTION**

Closed loop system design with fully isolated flow paths to keep the electronic devices safely protected from dust and moisture.

- **RELIABLE OPERATION**

Simple construction with no moving parts or required filters makes the system virtually maintenance free.

- **SOLID CONSTRUCTION**

Heat exchangers manufactured of high quality aluminum and aluzinc for a long and consistent service life.

- **TOUGH CONDITIONS**

Anti-corrosive coatings are available for applications in aggressive or harsh environments such as marine application.

MODEL M

Our Model M is a perfect solution for closed loop systems. The Heatex Model M is a lightweight counter flow exchanger specifically developed for thermal management. Model M offers customizable aspect ratios and multiple flow path configurations. The model is manufactured of aluminum with aluzinc steel casings. Epoxy coated aluminum is available for better corrosion resistance.

Visit our website or contact us for more information about Model M or our other products.



SUITABLE APPLICATION AREAS

- General electronic equipment cooling
- Telecom enclosures
- Wind power installations
- Solar power
- Data centers
- Process thermal management
- Kiosks
- Rail
- Infrastructure/traffic
- Automation equipment



TELECOMMUNICATIONS & ELECTRICAL ENCLOSURES

As telecommunications and electronics systems technology advances, so does the protection requirements from the environment. Heatex plate heat exchangers provide an excellent closed loop thermal management solution to cool equipment while offering excellent protection from the environment.

Heatex cooling solutions are built around a simple, robust air-to-air heat exchanger design. Our advanced core geometry ensures maximum heat dissipation with a minimal footprint. This design is ideal for affordable first cost, efficient operation, and minimal downtime.

Our heat exchangers are available in a wide variety of sizes and configurations. Heatex' experience and engineering support ensure each solution is optimized for each application. We offer customized exchangers with a variety of integration options.



WIND POWER GENERATORS

Heatex have been providing cooling solutions to the wind power industry for years through innovative applications of our air-to-air heat exchangers. First rate customer service combined with advanced engineering give Heatex the creativity and flexibility to meet the continually evolving market demands. As the need for wind power rises, Heatex is the perfect partner for manufacturers and operators to improve their products and raise operating margins.

Our mission is to provide high performance cooling solutions, enabling the wind industry to produce the best, most efficient generators on the market today. Heatex cooling system solution combines the positive aspects of traditional cooling methods, while minimizing the drawbacks found in tubular air-to-air or liquid-to-air solutions.

Furthermore, the designs are lightweight with minimal footprint, saving space and installation costs. The closed loop system protects generators from outside contaminants, making it suitable for both onshore and offshore applications.

DATA CENTERS

Data centers are critical components in the global IT infrastructure. Global commerce demands dependable, uninterrupted data flow worldwide. Meeting the exponentially growing demand for data, rising energy costs and demand for green facilities are challenges facing service providers today.

Thermal Management is a key factor in the cost and operation of data centers. Heatex plate heat exchangers, provide an efficient, low cost and environmentally friendly alternative to traditional methods of cooling data center electronics. Our methods allows the service provider to remove excess heat in a closed loop environment, keeping unwanted external dust and moisture away from sensitive and critical process components.

Heatex provide a wide array of heat exchangers and engineered services to select the best possible solution for each individual project. With decades of experience, Heatex have the products, tools and experience to maximize up front first cost savings, minimize annual operating cost, and optimize return on investment.





THE PROMISE:

As a leader in plate heat exchangers and thermal management solutions, Heatex is an excellent partner for the most challenging heat transfer applications.

THE PROOF:

With a global team of sales and technical support, Heatex responds quickly to inquiries with the optimized solution for your application.

All Heatex products are custom made and designed to match the customer's technical specifications. Heatex Select, always available on-line for free at heatex.com, enables accurate calculations of the performance of a product under different conditions.

We have a well established reputation of being honest and reliable and hold several certifications covering product and operation quality worldwide.

Our products are field tested and proven to have very high efficiency and a fast ROI.

Being the leader, Heatex provides the expertise and cutting edge products to make your project a success.

Heatex is a global manufacturer of air-to-air heat exchangers. The company was founded in the 60's, and incorporated into Heatex AB in 1987.

The company uses advanced algorithms to design and improve its products. These are based on scientific calculations within fluid dynamics, the fundamentals of heat transfer and fifty years of practical experience of heat transfer processes.

Heatex products are well known for providing high energy recovery and for enabling a fast return on investment. The company has a history of steady growth and has over the years established itself as the market and technology leader of air-to-air heat transfer.