THE PROMISE
THE PROOF
HEATEX

G1
PLATE HEAT EXCHANGER
GENERATOR COOLING

AIR-TO-AIR HEAT EXCHANGERS
THE PROMISE: HEATEX DESIGN & DELIVER CUTTING EDGE WIND TURBINE GENERATOR COOLING SOLUTIONS

A pioneer in wind turbine generator thermal management, 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.

Heatex’ mission is to provide high performance cooling solutions, enabling the wind industry to produce the best, most efficient generators on the market today.

THE PROOF: G1 – HIGH PERFORMANCE, AFFORDABLE COST

Heatex offers an alternative cooling system solution which combines the positive aspects of traditional cooling methods, while minimizing the drawbacks found in tubular air-to-air or liquid-to-air solutions.

- **SUPERIOR PERFORMANCE**
  Heatex’ unique plate design promotes high heat flux, maintaining low generator temperatures.

- **MINIMUM MAINTENANCE**
  Sophisticated design and reliable components minimize maintenance requirements.

- **LIGHTWEIGHT**
  Heatex Cooling Systems are designed to be lightweight with a minimal footprint, saving space and installation costs.

- **COST EFFICIENT**
  Innovative design and air to air technology yield significant savings over alternative solutions.

- **RELIABILITY**
  Closed loop system protects generator from outside contaminants. Heatex systems are available for both onshore and offshore applications.

- **STABILITY**
  Superior design and construction, coupled with liquid free cooling, provide overall system stability, minimizing downtime and extending operational life.

HEATEX COOLING SYSTEMS ARE FULLY CUSTOMIZED TO OPTIMIZE GENERATOR OPERATION AND FULFILL MANUFACTURER REQUIREMENTS.
HEATEX’ UNIQUE PATENT PENDING COOLING SOLUTIONS DELIVER SIMPLIFIED GENERATOR COOLING WITHOUT THE COMPLEXITY AND WEIGHT FOUND IN SECONDARY RADIATORS AND LIQUID HANDLING SYSTEMS.

Heatex air-to-air custom cooling solutions are based on the following design criteria:

- Cooling requirements
- Dissipation requirements
- Generator configuration (frame, size and interface)
- Generator internal air flow arrangement (single or dual circuits)
- Ambient / Nacelle temperatures
- Altitude
- Environment (onshore / offshore)

THE PROMISE:

As the leader in generator cooling solutions, Heatex is the ideal partner for optimizing generator and overall turbine performance.

THE PROOF:

With engineering and production facilities in Europe, the United States and China, Heatex’ global footprint ensures superior service, quick project turnaround and short lead time.
THE GLOBAL SOLUTION FOR SINGULAR GENERATOR COOLING SYSTEMS