

Air Heaters Optimized for Efficient and Reliable Performance

Regenerative air heaters (AH), sometimes referred to as air preheaters (APH), can improve boiler efficiency by up to 15%. After extended use, conditions such as corrosion, wear and tear, fouling and leakage can eventually compromise their efficiency and the performance of your overall system. Babcock & Wilcox (B&W) can help improve and maintain unit performance for more profitable, reliable operation.

Effective, Proven Solutions

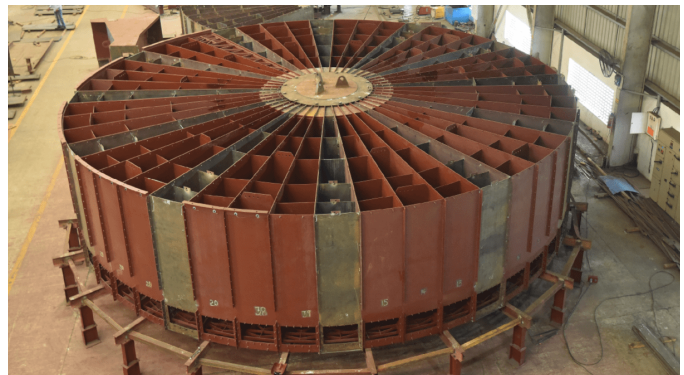
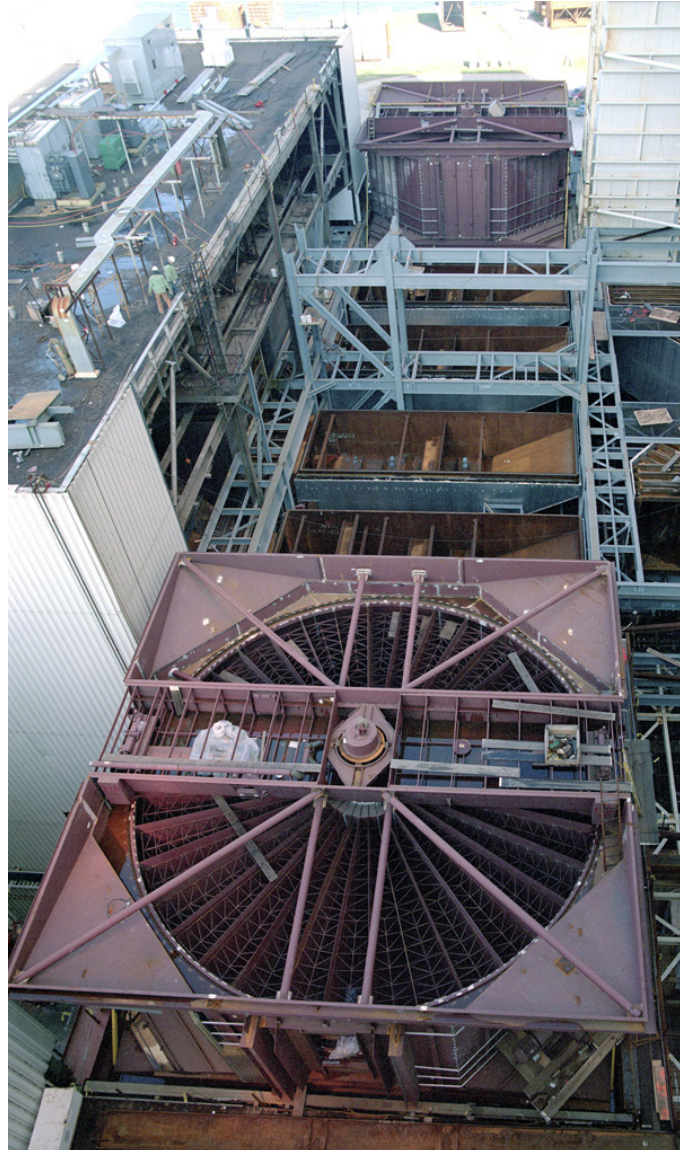
B&W offers new air heater equipment, aftermarket replacement parts and upgrade services for most types of regenerative units including Rothemühle designs and — through an agreement with GEECO Enercon Pvt. Limited, a recognized leader in air heater applications — Ljungström® and other OEMs' designs. Our solutions include:

- Replacement baskets and seals to maintain AH performance and improve boiler efficiency,
- Field engineering support and comprehensive assessments to identify opportunities for optimizing performance,
- Integration of advanced heating elements with a proprietary Leakage Reduction System to maximize thermal output, minimize leakage and reduce pressure drop,
- Validation of design and component upgrades with advanced simulation modeling analysis and performance testing,
- Supply of spare parts, critical components and more to minimize downtime.

Expertise and Experience

From concept to commissioning, the combination of GEECO's air heater expertise with B&W's extensive system experience provides customers throughout the United States and Canada with a powerful array of solutions to fit their operational needs, helping to ensure optimal efficiency and reliability:

- New air heater equipment and upgrade services,
- Experienced field engineering support, replacement parts and installation services,
- Advanced systems such as MAXTRA™ and sacrificial baskets to minimize leakage and enhance overall thermal performance, and
- In-house manufacturing for stringent quality control.



continued ►



B&W combines extensive combustion system experience with industry-leading air heater technology to boost efficiency, reliability and overall system performance. With advanced designs, targeted upgrades and expert field support, our air heater services can help optimize performance while minimizing operating costs.

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Established in 1867, Babcock & Wilcox is a global leader in supplying safe, reliable and proven energy and environmental solutions for power and industrial applications.

For more information or to contact us, visit our website at www.babcock.com.