

# HP SUPERHEATER REPLACEMENT

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## OVERVIEW

**VOGT POWER INTERNATIONAL INC.**, a Babcock Power Inc.® company, has an extensive, rich history in the replacement of critical HRSG parts and components. As an industry leader in the design and fabrication of HRSGs and aftermarket services, Vogt Power understands all aspects of HRSG function, including the mechanics and importance of HP Superheater replacements.

In addition, within today's ever-changing power market, Vogt Power assists HRSG users in maintaining and operating their equipment. Our core value of working together with our customers, suppliers, and employees to achieve the most effective, efficient solutions for our customers helps us exceed their expectations and results in a growing number of repeat customers.

Whether for Vogt Power HRSGs or for OEM products, whether for original projects or retrofits, we often work in conjunction with our Babcock Power sister companies, achieving a common goal of effective information sharing, cost-competitiveness, and excellence in all we do.

## BENEFITS

- When turnkey projects are necessary, Vogt Power International has the resources through our sister companies—including Boiler Tube Company of America and TEiC Construction—that enable us to provide quick, competitive replacement solutions for HP Superheaters.
- As a leading manufacturer of HRSGs today, Vogt Power not only provides a superior product but also exemplary service. We know every facet of HRSGs from design through operation, making us better equipped to provide the right equipment for specific applications, then keep it functioning in top-notch condition.
- Because of the growing number of existing Vogt Power HRSGs throughout the global marketplace, our engineers have access to the comprehensive history of GT performance. This provides us with knowledge that allows us to determine the most effective HP Superheater replacements when needed.
- Recognized throughout the world as an industry leader, our Vogt Power team services all OEM HRSGs. With engineering excellence and expertise in the field, we are the one-stop place for repairs and replacements of all related parts and equipment.



Vogt HRSG



Vogt HRSG

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## HP SUPERHEATER REPLACEMENTS

HP Superheaters are replaced for a variety of reasons. Check these features of Vogt Power International that provide timely, expert replacement service:

- **GT PERFORMANCE** — If the HRSGs are Vogt Power units, we can reference their GT performance and learn what modifications might have been made at the onset of the project. This helps us provide the most efficient HP Superheater replacement faster and with assured accuracy.
- **SYSTEM EFFICIENCY** — The HP Superheater heats the steam from the evaporator section; the steam is then routed to the HP steam turbine section. Expert replacement by the Vogt Power team results in essential system efficiency.
- **LATEST TECHNOLOGY** — Industry standards change. For example, many older HP Superheaters feature a 2-pass design that is no longer used due to thermal differences in each pass. Vogt Power replaces these with the latest up-to-date technology.
- **HISTORICAL ACCESS** — If a unit is an existing Vogt HRSG, Vogt Power is able to learn its history and apply appropriate details of the original project in order to be sure that the HP Superheater replacement sections conform to the overall system.



**SAFETY<sup>3</sup> PEOPLE. POWER. PROJECTS.**  
We're giving safety the third degree.

Babcock Power Inc. and its subsidiaries place the safety, health and security of our people at the core of our company values. Our team is our most valuable resource, generating solutions everyday to deliver safe, clean, reliable energy globally. With a keen focus on safety, Babcock Power Inc. conducts business in a manner that protects our people, our customers and the environment. From innovation to generation, we are proud of our award-winning safety record and are committed to operating with integrity and excellence.

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