

HP ECONOMIZER REPLACEMENTS (HARPS)



Vogt Power
International

A BABCOCK POWER INC. SUBSIDIARY

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OVERVIEW

For over a century, Vogt Power International Inc., a Babcock Power Inc.® company, has developed a solid reputation for excellence in engineering, manufacturing, and installation of superior equipment and components for the power industry. Our HP Economizer Replacement HARPS represent one more example of why we have become a world leader in the field.

Reflecting our on-going commitment to provide our customers with the most effective, efficient products possible, these HARPS are a result of a combination of our team of expert engineers using the latest knowledge and technology available and our advanced manufacturing capabilities and facilities.

In addition, our connection to other Babcock Power sister companies enables Vogt Power to work in conjunction with our vast pool of industry excellence working toward a common goal of providing customers around the globe with the best solutions for steam production available today.

BENEFITS

- How long will it take? How much downtime will a customer experience? How much will that downtime cost their operation? When Vogt Power is the OEM of the HRSG, we have the original schematics. HARPS and components can be built and replaced within reduced timeframes.
- Because time is essential for most types of service, Vogt Power are specialists in fast turnaround. When a customer needs HARP replacement for an HRSG that wasn't made by us, we can do that, too—with response times that are among the fastest in the industry.
- On-going research and development at Vogt Power, combined with access to new materials and configurations, often mean we can provide upgrades that improve overall operation of HRSG systems. In a combined cycle plant, these improvements can result in increased plant efficiency that allows our customers to produce more electricity.



HARP Install



HARP Install

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HP Economizer Replacements for HARPS can increase plant efficiency and overall performance. Check these features that provide timely, expert replacement service:

- **ELIMINATE FAC** — FAC, Flow Accelerated Corrosion, can destroy an HP Economizer. By retrofitting the HARP and upgrading to a 1.25% chrome material (P11/T11), Vogt Power can eliminate this situation.
- **INCREASE PLANT EFFICIENCY** — With HP Economizer Replacement (HARPS), redesigned finned tubes assist in HRSG steam production, plant economy, and overall increased plant operation.
- **IDEAL FOR LIMITED SITE ACCESS** — In addition to a superior product designed and delivered with fast turnaround, when site access is minimal, Vogt Power reduces pre-assembly with a loose HARP design. This allows for easier shipping, handling, installation—and subsequent lower cost.
- **COMPLETE HARP INSTALLATION** — Module HARPS from Vogt are installed with all interconnecting vent and drain piping, gas baffles, and SS metal bellows expansion joints. Smaller cranes are required for HARP installation.



SAFETY³ 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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