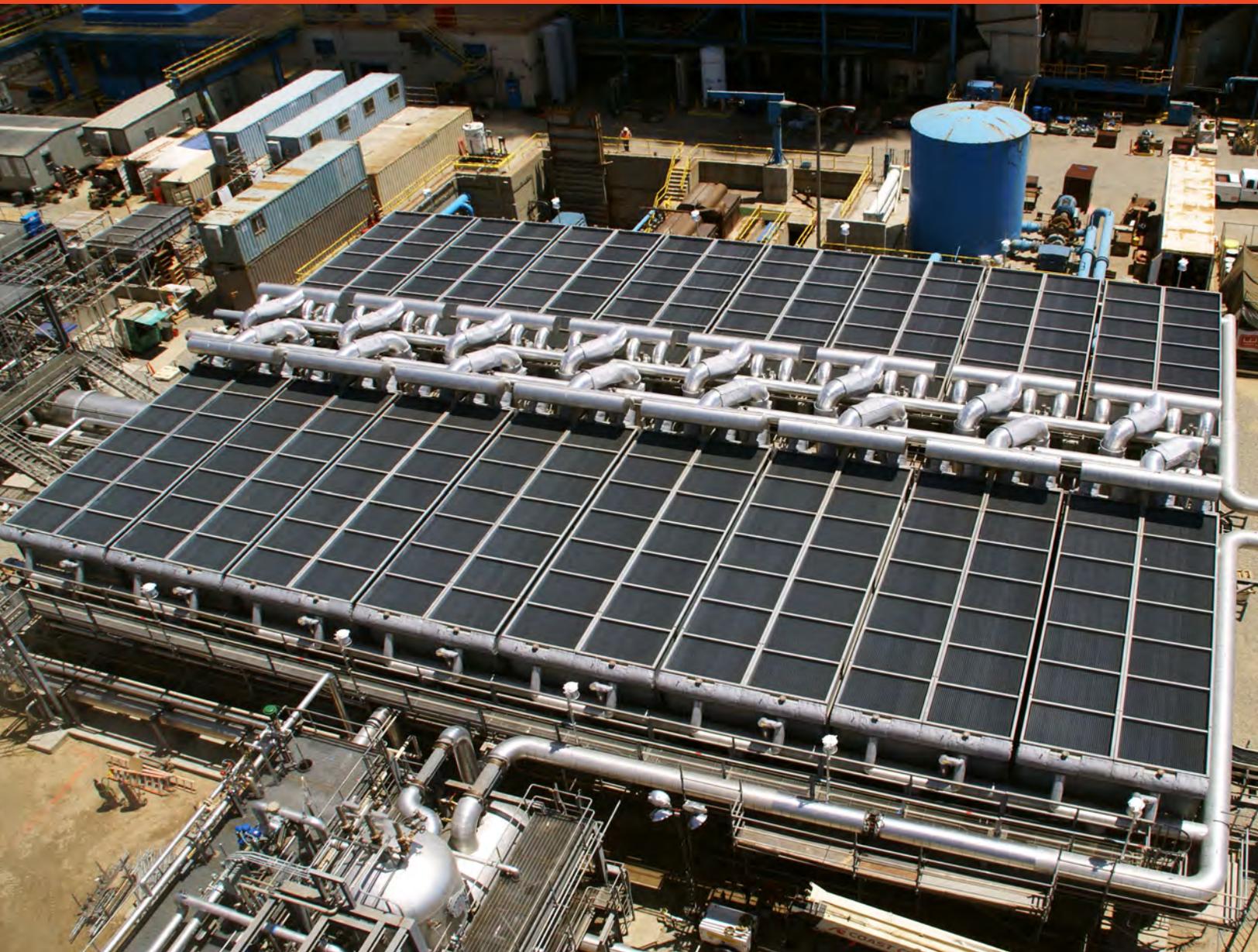


Air Cooled heat exchanger

MARLEY® 



SPX: The Informed Choice for the Demands of Today and Tomorrow

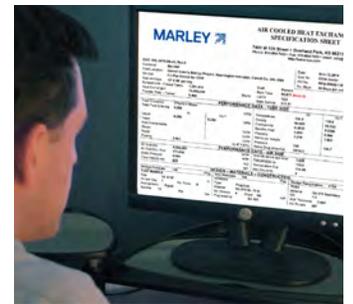
SPX Cooling Technologies has the experience, engineering expertise and in-factory manufacturing capabilities to be your preferred supplier partner for air cooled heat exchangers and other essential heat transfer equipment. For nearly a half-century, our expert team of engineers, craftsmen and field service professionals have worked diligently to satisfy our customers with high-quality, cost-effective and reliable heat transfer equipment and technical support. Count on us to meet your specific industry's demanding requirements.

Why Marley Air Cooled Heat Exchangers?

Marley Air Cooled Heat Exchangers stand up to the demanding requirements for heat transfer processes in chemical, oil and gas, process and power generation applications. Here's why:

Thermal Designs Fully Customized to Your Project Specifications

- Our ratings engineers understand the wide range of fluid applications, including hydrocarbons, glycol and water.
- Proprietary computer models are used to optimize heat transfer surface and pressure drop.
- Models are verified to meet or exceed Heat Transfer Research, Inc. (HTRI) thermal design standards.



Proven Marley Mechanical Systems Available

- Fans, belt drives, sheaves and other mechanical components are built for reliability and easy maintenance. Genuine Marley fan and Geareducer® may be specified.
- Mechanical equipment is factory tested to meet thermal, vibration, noise and other performance specifications.



Backed by the Financial Strength and Global Experience of SPX Corporation

- As a unit of SPX, we have the financial strength to meet your operational requirements.
- We have delivered thousands of air cooled heat exchangers and other process cooling and heat transfer equipment around the globe. You can count on us to produce solid, reliable products.
- Reference installation lists are available upon request.





In-Factory Products and Production To Meet Your High Standards

In-Factory: Precision Welding and Machining Processes

- Submerged Arc Welding (SAW), multipass
- Gas tungsten arc welding (GTAW), manual and automatic
- Gas metal arc welding (GMAW)
- Flux-cored arc welding (FCAW)
- Tube-to-tube sheet seal welding or strength welding, manual or automatic
- High tolerance computer numerical control (CNC) machining centers



Quality Assurance Integrated into Every Step of the Manufacturing Process

- All materials are inspected upon receipt, in-process and at final assembly.
- The testing, verification and inspection processes are rigorous, including:
 - hydrostatic
 - pneumatic
 - submerged leak testing
 - other nondestructive evaluations and testing
 - project specific testing, including third-party independent review



HTRI®

Each Tube Bundle is Constructed, Tested and Stamped in Strict Accordance with These Standards:

- American Society of Mechanical Engineers (ASME) Section VIII, Division I – “U” Stamp
- American Petroleum Institute API Standard 661 for Petroleum, Petrochemical and Natural Gas Industries, when applicable
- Tubular Exchange Manufacturers Association, Inc. (TEMA), when applicable
- Additional world standards: German Institute for Standardization (DIN), British Standards Institution (BSI) Japanese Industrial Standards (JIS)
- ISO 9001: 2008 quality management system

Aftermarket Services for the Entire Product Life Cycle

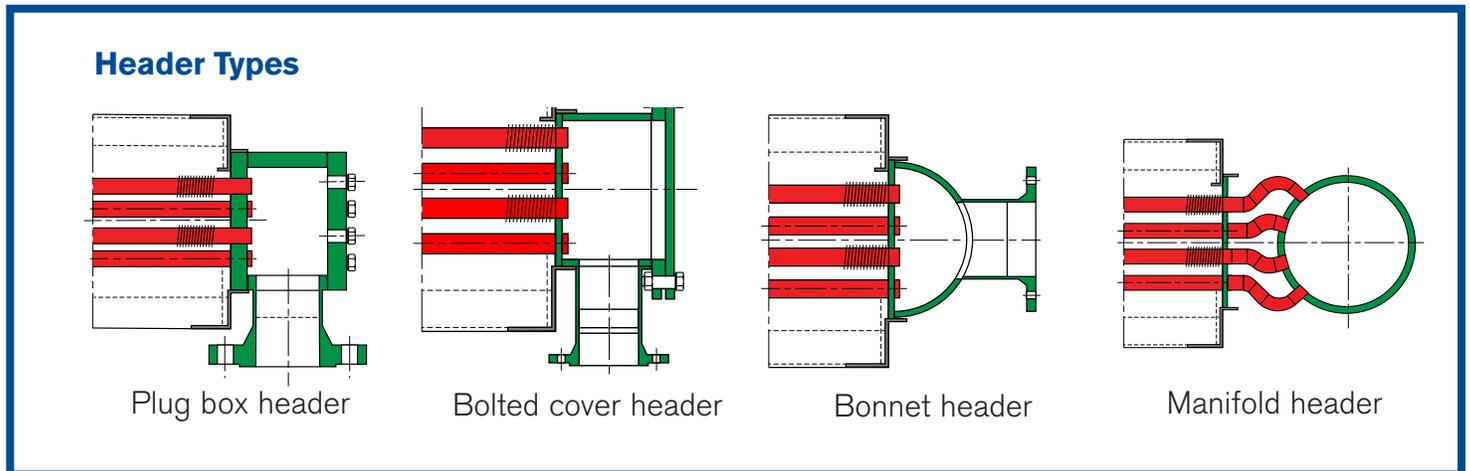
The Marley Air Cooled Heat Exchanger is engineered and built to provide dependable heat transfer throughout its service life. To maintain peak performance of your heat transfer equipment, regardless of manufacturer, SPX Cooling Technologies offers a range of aftermarket services, including inspections, replacement parts and performance evaluations to maintain and optimize heat transfer.

Design Configurations and Materials of Construction

Marley Heat Exchangers are available in a range of materials and designs to meet your operational requirements.

<p>Design Configurations</p> <ul style="list-style-type: none"> • Forced draft • Induced draft • Horizontal • Vertical • A Frame 	<p>Tube Metals and Alloys</p> <ul style="list-style-type: none"> • Carbon steel • Stainless steel • Duplex stainless steel • Copper • Copper nickel • Titanium • Inconel® and Incoloy® • Hastelloy® and other proprietary alloys 	<p>Design Pressures</p> <ul style="list-style-type: none"> • Full vacuum • Up to 4500 psi (300 bar) <p>.....</p> <p>Structure</p> <ul style="list-style-type: none"> • Hot-dip galvanized (HDG) steel
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<p>Fin Materials</p> <ul style="list-style-type: none"> • Aluminum • Copper • Hot-dip galvanized (HDG) steel 		<p>Finned Tubes</p> <ul style="list-style-type: none"> • L Footed • Extruded • Embedded (G Fin) • Elliptical (galvanized)
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Air Cooled heat exchanger



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