

**STANDARD XCHANGE HEAT EXCHANGERS**

**ONCE THE STANDARD  
ALWAYS THE STANDARD**

A broad portfolio of heat exchangers  
for the most complex applications





# THE STANDARD IN HEAT EXCHANGE

There's a reason Standard Xchange heat exchangers are the standard in heat transfer solutions. For naval applications, power generation, oil & gas, bio-fuel, general industrial, industrial OEM, mining, and chemical markets, our heat exchangers reliably perform their mission-critical duties day-in and day-out just as they've been designed, engineered and built in the USA to do. For over 100 years and counting.

Whether you need gasketed plate, brazed plate, pre-engineered or custom TEMA shell & tube or air-cooled heat exchangers, Xylem can help you evaluate, select, and install the right solution.

#### **We uphold our reputation by enhancing it every day**

Nothing is static in industrial water and fluid management, and neither are Standard Xchange heat exchangers. At Xylem, we drive innovation by experimenting with new materials, new designs and new applications every day. We do it to ensure you get the optimal solution for your needs. Every piece of equipment we make can conform to TEMA, ASME, API, ABS or MIL standards, among others, and can be tested in our labs before shipping. The same labs, in fact, where many of those sanctioning bodies set their standards in the first place. Finally, our ASME quality and code stamping program provides industry-leading turnaround times without additional cost to you. And with our Quick Ship program, many solutions are available for same day shipping. Need more reasons to work with us?

#### **CONTACT US TO:**

- Request detailed information
- Discuss your application
- Order replacement parts





# MADE IN AMERICA MADE TO LAST



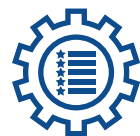
## A Broad Portfolio that Grows with You

Our broad range of heat exchangers includes gasketed plate, brazed plate, pre-engineered shell & tube, custom TEMA shell & tube and air-cooled heat exchangers to ensure you can always find the highest quality heat exchanger for even the most complex application.



## We Can Solve That

Our depth of application expertise and solutions-focused approach means we can quickly determine the optimal heat exchangers for your exact application - even if you come to us with nothing more than a process and a cooling or heating need.



## Still Engineered and Built in the U.S.A.

Standard Xchange heat exchangers are designed, engineered, and built in the United States, as they have been for over 100 years. Every product features a proven history of reliability - in fact, many of our products are still running problem-free after more than half a century.



## Design Flexibility

Our heat exchangers offer a virtually limitless array of choices in terms of performance, materials, options and features and can be manufactured to standards such as TEMA, ASME, API, ABS, MIL standards and more. We offer off-the-shelf solutions and custom designs to solve any heat transfer challenge you may have.



## Cost-Effective Solutions

From water to oil to process fluid and corrosive fluid applications, there's a Standard Xchange heat exchanger that will get the job done without breaking the budget - and last for decades with minimal maintenance.



## The Best Service & Lead Times

Whether you need an off-the-shelf solution or custom, engineered-to-order design, we deliver competitive pricing with the highest quality and best lead times - including same-day availability for dozens of heat exchangers in our Quick Ship program.



## The Tools to Design Your Own

Have an complex application? Our ESP Thermal online selection program lets you design heat exchangers to fit your specific needs.

## HOW CAN WE HELP?

As you build a new system or reconfigure an existing system in the search for savings, choosing the right heat exchanger becomes more complex than ever. We can help you solve your challenges faster and more efficiently than you ever thought possible.

## CONTACT US TO:



REQUEST DETAILED  
INFORMATION



DISCUSS YOUR  
APPLICATION

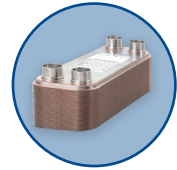


ORDER REPLACEMENT  
PARTS



# Standard Xchange solutions for heat transfer:

Xylem engineers, builds and supports the highest quality heat exchangers on the market. We offer a full range of rugged and reliable solutions for all your heat transfer needs.



## Brazed Plate

Brazepak heat exchangers offer the highest level of thermal efficiency and durability in a compact, low-cost unit. Brazepak units are ideal as refrigerant condensers and evaporators, oil coolers for engines, HVAC and many other applications.



## Gasketed Plate

Plateflow heat exchangers provide more heat transfer in less space. No other technology is more compact, efficient or flexible. Plateflow offers "true" countercurrent flow maximizing the mean temperature difference between fluids.



## Pre-Engineered Shell & Tube

Pre-engineered, fixed tubesheet models available for quick delivery. Brass, 316 S/S and Carbon Steel shell options. Copper, 90/10 CuNi and 316 S/S tube options. Select from 1, 2, or 4 passes, covering areas as large as 250 square feet. U-tube, removable bundle models also available in 2, 4, and 6 passes, covering areas as large as 1900 square feet.



## Custom TEMA Shell & Tube

Custom designs with fixed tubesheets or removable bundles. Units ranging from 5" to 60" diameter in a wide variety of materials are available for specific needs. Designed to meet many code requirements including TEMA, ASME, API, ABS, MIL standards and more.



## Air-Cooled

Air Cooled Heat Exchangers use air for cooling where water is unavailable, costly or undesirable. Low noise and dirty environment options available to meet specific customer requirements.



## Navy & Marine

Our Navy and Marine-spec Shell & Tube and Gasketed Plate heat exchangers have all the benefits and capabilities of our regular equipment, but are specially manufactured to the exacting standards of Navy and marine fleets around the world.

## Order this morning and it'll be on the truck tonight

Need a standard heat exchanger? Everything in our Quick Ship program is available for same-day shipping. **Now that's quick.**



# Common industrial markets and applications\*:

## POWER GENERATION

- Central water coolers
- Turbine oil cooling
- Gland steam condenser
- Condensate coolers
- Lube oil cooling
- Fuel gas heating
- Atomizing air cooling
- Stator water cooler
- Transformer oil cooling
- Engine oil cooling
- Compressor air cooling
- Steam turbine
- Auxiliary water cooling
- Jacket water cooler

## OIL & GAS

- Lubricating oil cooling
- Crude oil cooling
- Gas heaters/cooling
- Gas compressor cooling
- Vacuum pump seal liquid cooling
- Crude oil cooling
- Engine jacket water cooling
- Mud pump cooling
- Drilling brake cooling
- Amine/glycol interchangers
- Process heaters/coolers

## CHEMICAL

- Process heating/cooling
- Product heaters/coolers
- Evaporators/condensers
- Batch heating/cooling

## BIOFUELS

- Mash cooker
- Mash interchanger
- Mash cooler
- Feed beer preheater
- Distillation reboiler
- Distillation condenser
- Dehydrator condenser
- Alcohol cooler
- Benzene cooler
- Fuel ethanol cooler
- Process condensate cooler
- Primary reactor feed preheater
- Methanol stripping
- Primary cooling
- Secondary cooling

## PULP & PAPER

- Green liquor heater/cooler
- White liquor heater/cooler
- Black liquor heater/cooler
- Caustic soda cooling
- Starch cooler
- Hypochlorite cooler

## MINING

- Electrolyte heating
- Strip solution cooling
- Salt brine cooling
- Sulfuric acid cooling
- Hydrochloric acid cooling
- Mobile equipment cooling
- Hydraulic power unit cooling

## GENERAL INDUSTRIAL

- Equipment heating/cooling
- Hydraulic oil coolers
- Heat recovery
- Water cooling
- Machine oil cooling
- Pump cooling
- Plastic injection cooling
- Make-up water preheating
- Quench oil cooler
- Refrigerant evaporators
- Refrigerant condensers
- Refrigerant compressor oil cooling

## NAVY/MARINE

- Generator lube oil cooling
- Equipment cooling
- Central fresh water coolers
- Electronics water cooling
- Control system cooler
- Emergency diesel generator
- Compressed bleed air cooler
- Gas turbine lube oil cooling
- Reduction gear lube oil cooling

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\*Not an exhaustive list.

# The heat moves The quality stays

**For over 100 years, Standard Xchange heat exchangers, designed, engineered and built in the United States, have set the standard for innovation and performance. Whether you're looking for a part or building a plant, we take a solutions focus that ensures you get the optimal heat transfer solution.**

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## Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

**For more information on how Xylem can help you, go to [Xylem.com/StandardXchange](https://www.xylem.com/StandardXchange)**



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