

Alfa Laval unveils the TS25 semi-welded heat exchanger – advancing energy efficiency across clean energy and process industries.

As the energy landscape evolves, the demand for scalable and efficient solutions is greater than ever. To address this need, Alfa Laval, a global leader in heat transfer technology, now introduces the latest addition to the semi-welded range of plate heat exchangers - The TS25.

Building on Alfa Laval's proven semi-welded technology, which has been in operation for decades across numerous industries, the TS25 is specifically engineered for applications limited by pressure drop, such as electrolyser cooling, sulphuric acid production and other process industries. In addition, the heat exchanger is a great choice for industrial heat pumps. The TS25 delivers exceptional performance, versatility, safety and with the compact design, it offers more capacity in less space.

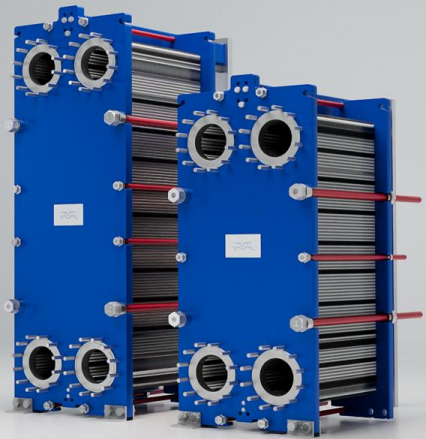
The TS25 semi-welded heat exchanger is designed for high-performance industries, ensuring efficient cooling and heat recovery across diverse applications, from clean hydrogen production to heavy process industries. Featuring advanced sealing technology and enhanced durability, it extends equipment lifetime while maximizing energy efficiency—helping to lower the levelized cost of hydrogen and improve performance in demanding industrial settings. These innovations make the TS25 semi-welded heat exchanger a versatile solution for a wide range of energy and process applications.

"With the TS25 semi-welded, we are further advancing plate heat exchanger technology to support the transforming energy landscape", says Julien Gennetier, Vice President Energy Division, Alfa Laval. "Scaling up energy efficiency in clean energy production and process industries requires solutions that performs under pressure."

The TS25 semi-welded heat exchanger meets the evolving demands for efficiency and scalability in the transforming energy landscape. With robust engineering and a compact footprint, it provides a reliable solution for a wide range of industries and performs under pressure.

Semi-welded T25 & TS25

Two sizes, one commitment:
to deliver **optimal efficiency**
in the new energy landscape.



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About Alfa Laval Plate Heat Exchangers

Alfa Laval's plate heat exchangers optimize heat transfer through large corrugated plate surfaces, efficiently transferring energy between gases and liquids. With high reliability, energy-saving capabilities, and a low environmental footprint, these exchangers deliver an outstanding cost-to-ownership (CTO) advantage over their lifetime.

[Learn more: https://www.alfalaval.com/gphe](https://www.alfalaval.com/gphe)

This is Alfa Laval

The ability to make the most of what we have is more important than ever. Together with our customers, we're innovating the industries that society depends on and creating lasting positive impact. Alfa Laval is a leading global provider of first-rate products in the areas of heat transfer, separation and fluid handling. We're set on helping billions of people to get the energy, food, and clean water they need. And, at the same time, we're decarbonizing the marine fleet that is the backbone of global trade. We pioneer technologies and solutions that enable our customers to unlock the true potential of resources. As our customers' businesses grow stronger, the goal of a truly sustainable world edges closer. The company is committed to optimizing processes, creating responsible growth,

and driving progress to support customers in achieving their business goals and sustainability targets. Together, we're pioneering positive impact.

Alfa Laval was founded 140 years ago, has customers in 100 countries, employs more than 22,300 people, and annual sales were SEK 66.9 billion (5.8 BEUR) in 2024. The company is listed on Nasdaq Stockholm.