

Alfa Laval

Replacement

for gasketed plate heat exchangers

Level up your technology, boost your process

When you experience significant performance drops in your process, it is likely due to older equipment not performing as needed. With our replacement service you can proactively manage a switch from an older gasketed plate heat exchanger with a new one, (either from Alfa Laval or another supplier). It is also an effective option if you are operating obsolete or discontinued equipment that is challenging to maintain.

We offer the possibility to calculate and demonstrate long-term financial and sustainability savings of your new replacement unit. With add-on services like adaptors and recycling, we tailor a state-of-the-art heat transfer solution to your specific needs.

The replacement service is an innovative solution for evolving heat transfer needs. When aging equipment becomes costly and inefficient to maintain, our replacement service provides a modern, high-performance alternative – improving process efficiency and reducing energy consumption, carbon emissions and water usage. We back our commitment with savings calculations and seamless installation.

Our services help you with:

- Reduced downtime
- Reduced maintenance costs
- Reduced water and energy consumption
- Reduced CO₂ emissions
- Enhanced equipment performance

How it works

First, we access the original design parameters to understand the specifics of your system. We gather the necessary performance data, either directly from you or from our performance assessment report. The data lets us determine the upgrade requirements. Our technical engineers verify the performance of the current heat exchanger installation against the collected data. Based on this verification, we recommend a product designed to best fit the needs of your applications.

Add-on services include adaptor drawings, retrofit feet, energy/carbon/water savings reports, recycling, commissioning support.

How the service can be delivered



On site



Remotely



At service centres



On board



In dry dock

Case story

Refinery saves energy and expenses by future-proofing its cooling system

A Saudi Arabian refinery faced a challenge with its closed loop cooling system due to rising water temperatures. Their existing gasketed plate heat exchangers were becoming obsolete and unable to cope with the increased thermal load. To address this, the refinery replaced 21 outdated heat exchangers with the latest generation of Alfa Laval T-range heat exchangers. The upgrade allowed the refinery to handle the higher temperatures effectively and increased production by removing 41% more heat from their process – all without expanding the installation footprint.

Benefits

- Increased production
- Cost savings
- Future-proofed system
- Space optimization



Related services

Recycling
Redesign

Contact Alfa Laval

Service and support

We are here to help you!
Please provide details about your needs,
and we'll connect you with the best team
to advise you.

www.alfalaval.com/contact-us/service-and-support

