



Alfa Laval

# Unit Replacement

For Compabloc

## Revamp your process with upgraded heat transfer

Over the past years, Compabloc technology has evolved, resulting in improved mechanical integrity and reduced operational costs. You can take full advantage of these advancements through a Unit Replacement, a unique service where you get to replace your older units with the latest generation of Compabloc. You can get:

- **Laser-Welded Plate Packs:** Units manufactured before 2001 used TIG welding. Today's laser welding technology delivers significantly improved durability, reliability, and long-term performance.
- **Xcore Plate Design:** The innovative Xcore pattern, available for CP 50, CP 75 and CP 120, enhances mechanical strength without compromising thermal performance. It is optimized for high-pressure applications and easy cleaning.

- **Compabloc+:** Our latest model of Compabloc provides the same efficient thermal transfer as other Compabloc designs, but it can support higher design pressures. We can now promise no risk of media leaks at pressures up to 60 bar.

Older units, even those that have served well over time, often become less efficient and more costly to maintain. After years of operation, your heat exchanger has likely endured thousands of thermal cycles and prolonged exposure to external environmental conditions, increasing the risk of unplanned downtime.

Before considering replacement, don't forget that a thorough service can often restore performance and extend the life of your equipment. Our experts can assess whether restoring performance is a viable option.

If replacement is the better choice, upgrading to the latest Compabloc improves process efficiency, reduces energy consumption and carbon emissions, and ensures compliance with current design codes and regulations.

Our service helps you with:

- Reducing downtime
- Reducing energy consumption
- Reducing CO<sub>2</sub> emissions
- Enhancing equipment performance

## How the service can be delivered





## How it works

First, we assess the condition of the Compabloc and its remaining lifespan, in order to determine whether it needs to be repaired or replaced.

If a unit replacement is required, we work together with your process experts to gather the necessary data about the operational requirements of your Compabloc. Our experts verify the performance of the current heat exchanger installation against the collected data. Based on this review we tailor the new Compabloc design to provide optimal performance for your current process operation.

New models match the footprint of older units, for quick and seamless installation.

## 24/7/365 Service and Support

With service centres, field service engineers and spare parts distribution hubs around the world, the Alfa Laval Service network is always on the job for you.

When you contact our 24/7/365 Service and Support, our experts coordinate everything to quickly address your needs – either remotely via our digital tools or on site.



## Related services

- Reconditioning
- Repair
- Block Exchange
- Redesign
- Commissioning supervision

## 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](https://www.alfalaval.com/contact-us/service-and-support)