

# Service for Compabloc heat exchangers



## 3 reasons to service your Compabloc



### Keep it running

- Avoid unplanned downtime
- Prevent production dips



### Keep it optimized

- Reduce energy consumption and CO<sub>2</sub> emissions
- Adapt to changing process conditions
- Maximize personnel safety



### Keep it profitable

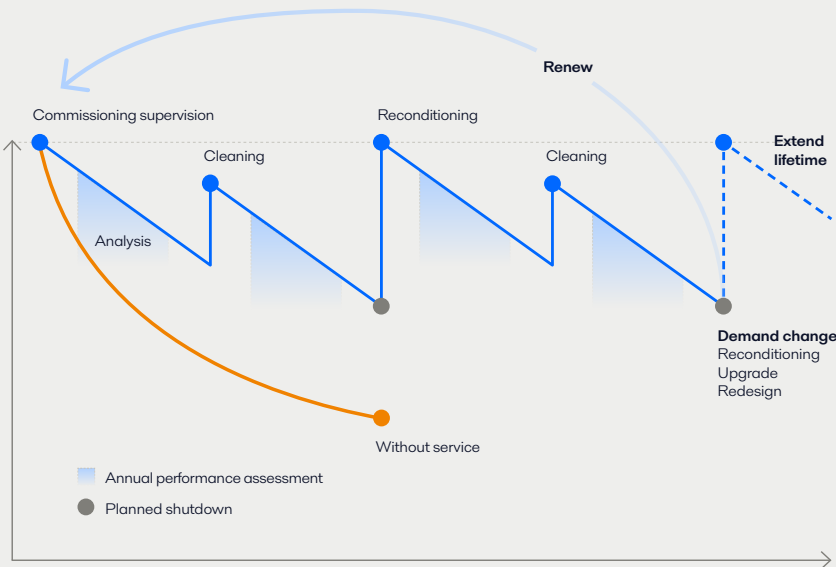
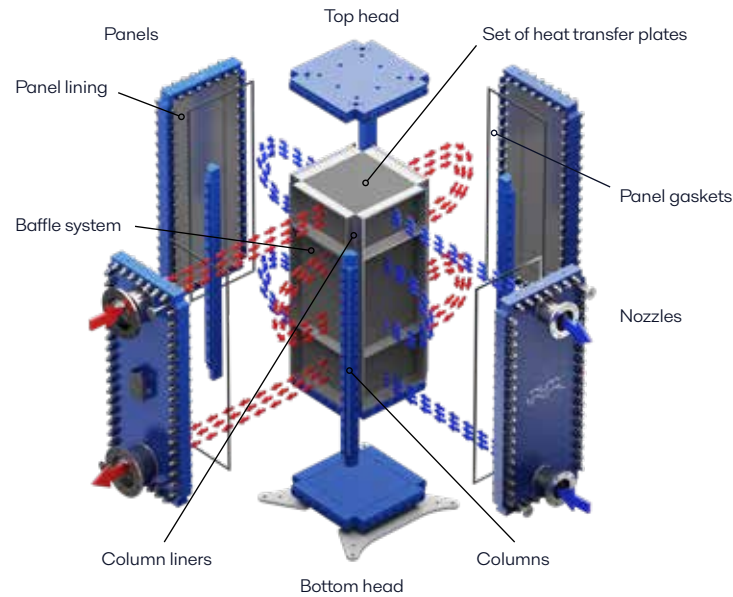
- Extend equipment lifetime
- Optimize maintenance costs
- Reduce OPEX and total cost of ownership

### With Alfa Laval as your service partner, you get:

- OEM expertise with full design knowledge
- Certified welders and welding procedures
- Genuine Alfa Laval spare parts with guaranteed quality
- Warranty on all OEM repairs
- 26 specialized service centres with local experts and partners worldwide

# Engineered for performance and easy maintenance

- Fully welded plate heat exchanger
- Customized configurations for maximum heat transfer efficiency and reliable operation
- Four removable side panels provide full access to the block of welded heat transfer plates, enabling easy maintenance, cleaning, and repairs
- Key spare parts include gaskets, bolting, the baffle cage, and the block of heat transfer plates



## Service cycle

Compabloc heat exchangers are engineered for demanding applications, delivering long-term, reliable performance. But even the most durable equipment needs regular cleaning and service to manage fouling and maintain peak efficiency.

The Compabloc service cycle should include:

- An annual **performance diagnosis** to evaluate the condition of your Compabloc
- Intermediate **cleanings**, if necessary
- **Reconditioning** during turnarounds to evaluate the condition and restore performance

## Key services

### Performance diagnosis

- Periodic check of your Compabloc
- Helps ensure performance and facilitates maintenance planning

### Condition assessment / Reconditioning

- Ideal for shutdown periods
- Evaluation of your Compabloc's condition
- Restores performance through cleaning and minor repairs

### Block exchange / Spare block

- New block, fully compliant with the original
- Cost-effective solution to restore performance and extend the unit's lifetime

### Upgrade and Redesign

- Adapts your Compabloc to meet new requirements

### Troubleshooting

- Evaluation of root causes to prevent future issues
- Implementation of lasting solutions

### Cleaning

- Cleaning-in-place solutions with fouling-specific cleaning agents (availability depending on local capabilities)
- Hydrojet cleaning
- Special cleaning procedures for heavy fouling

### Repair

- Certified welders and welding procedures ensure quality and compliance

### Our services can be delivered



On site



Remotely



At service centres



## Global network with strong local presence

With Alfa Laval as your service partner, you gain access to a global support network designed for fast, reliable assistance.

Our field service engineers, logistics hubs, and service centres work together to ensure you get the help you need, when you need it. Whether it is planned maintenance or an unexpected issue, we are ready to respond quickly and effectively.

## Fully customized service solutions

An Alfa Laval service agreement is a complete service solution for your Compabloc, tailored to your specific operating conditions. Our experts support you in selecting, planning and performing all the services your Compabloc requires, ensuring maximum reliability and low maintenance costs. Contact your Alfa Laval representative to learn more.





## Increasing uptime at Dow

During an inspection of the heat exchangers at Dow's Terneuzen site, AlfaLaval service technicians discovered that changes in operating conditions were causing excessive fouling in several units.

Redesigning them to match the new process parameters effectively resolved the fouling issue and eliminated the need for maintenance stops between scheduled turnarounds.

Read the full story



### More information

Discover how proactive service can boost reliability and performance.  
[www.alfalaval.com/compabloc/service](http://www.alfalaval.com/compabloc/service)

