



## Restored performance to keep you growing

### Cleaning services for Alfa Laval Compabloc



Engineered to provide high turbulence, Alfa Laval Compabloc secures long operating times in numerous process applications. Even so, routine cleaning of the equipment is critical to consistently improving your sustainability. Proper cleaning restores your Compabloc to its optimal condition, ensuring you get maximum thermal efficiency and heat recovery, with lower maintenance costs and even a longer lifecycle for your unit.

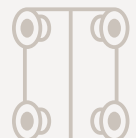
Thanks to Compabloc's design with fully accessible plates, there are several fast and efficient ways to clean the unit. Alfa Laval's service organization offers a range of standard and custom cleaning solutions that keep your Compabloc running like new.

#### Benefits

With expert cleaning services developed by Alfa Laval, you can restore the performance of your Compabloc with added peace of mind, thanks to:

- Safe and effective cleaning that will not damage the equipment
- Improved efficiency and reduced energy consumption
- Prevention of damage due to corrosion or pressure drop
- Easier and quicker maintenance and repair

Compabloc



## Scope

Alfa Laval service engineers work with you to find the optimal cleaning solution based on your specific Compabloc and how you use the unit. All cleaning services, including our cleaning-in-place (CIP) systems, are designed for safe and effective removal of deposit build-up. We have also developed special cleaning agents with low environmental impact. Our service engineers verify that the agent used is compatible with the material of your heat exchanger.

For added insight, cleaning services can be combined with inspection and testing in an Alfa Laval Condition Audit. You will receive a detailed report upon completion of the audit to confirm the mechanical integrity of your Compabloc unit. We also offer specially developed 3D modelling that can be used to measure fouling before and after the cleaning to further ensure optimal performance.

### When is this service right for me?

All heat exchangers require routine cleaning, but you may turn to Alfa Laval for service expertise in order to:

- Support complex or challenging applications**  
 Alfa Laval offers standard cleaning services for Compabloc units serving a broad range of duties. We can also work with you to develop customized cleaning procedures based on the specific requirements of your equipment, business and application, which can be included in your maintenance plan.
- Maximize uptime**  
 Conducting cleaning services when you have already scheduled a shutdown for maintenance or other procedures is a smart way to secure top performance while keeping the required downtime to an absolute minimum.

## Cleaning options

Depending on the nature of your duty and needs of your business, we can recommend different types of cleaning:

### 1. Mechanical cleaning

We can perform mechanical cleaning with a high-pressure water jet at your location or offsite at an Alfa Laval service centre. Our trained technicians ensure it is done in the fastest, safest and most efficient way.

### 2. Chemical cleaning

For most fouling challenges, chemical cleaning can be done either via a cleaning-in-place system (CIP) that enables quick and easy inline cleaning of the equipment, or through an immersion cleaning method performed during a condition audit. Our specially formulated, non-toxic agents ensure safety and efficiency for your unit and operators. An Alfa Laval service specialist can recommend the right cleaning agent for your unit.

### 3. Thermal cleaning

Alfa Laval's innovative and efficient thermal cleaning service is a safe, proven and controlled procedure for fouling and clogging challenges where other methods are insufficient. The process consists of breaking down organic materials into smaller particles that can be removed with mechanical cleaning.

### 4. Ultrasonic cleaning

With an advanced cleaning method, we immerse your Compabloc in an aqueous media and use high-frequency sound waves to remove a variety of contaminants. This safe, effective and environmentally friendly technique contributes to improved sustainability for your operation.



### From expert advice to the latest cleaning solutions and techniques, Alfa Laval is here – with service to keep you growing.

For the market's widest portfolio of welded heat exchangers, Alfa Laval offers an unmatched range of both preventative and reactive services to keep your equipment performing and your business growing. Other services for Alfa Laval Compabloc include:

- Installation and commissioning supervision
- Performance audit
- Condition audit
- Emergency stock
- Exclusive stock
- Troubleshooting
- Training
- Spare parts



**SmartClean**  
Fast and efficient flushing of fouling material



**ALOnsite**  
Qualified support at your facility

Learn more about our service portfolio for Compabloc at [www.alfalaval.com/compabloc/service](http://www.alfalaval.com/compabloc/service)

Alfa Laval reserves the right to change specifications without prior notification.

#### How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at [www.alfalaval.com](http://www.alfalaval.com).

