



How it works

With the help of the Alfa Laval sensor kit, the operating data is collected from your heat exchanger continuously. We utilize a field gateway to securely transmit the data to our cloud-based IoT platform, ALIoT. Authorized users can then access the data anytime for real-time analysis.

The platform has a user-friendly dashboard that keeps you informed about your heat exchanger's performance and its environmental and economic impact, as well as giving you predictions on when the next service date should occur.

Our dedicated expert team continuously monitor the platform to provide remote support and give you recommendations on the type of service needed to maintain peak performance.

How the service can be delivered



On site



Remotely



At service centres



On board



In dry dock

Alfa Laval

Performance monitoring premium

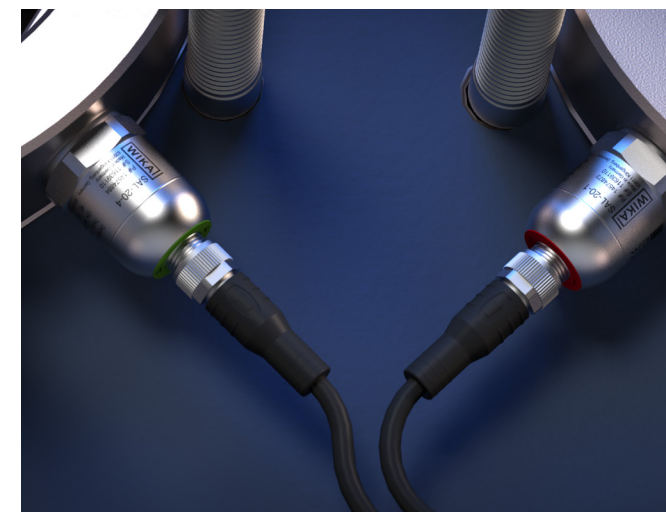
for gasketed plate heat exchangers

We watch your unit, so you don't have to

Monitoring your heat exchanger is key to keeping it efficient. Alfa Laval's service experts track performance and provide data-driven maintenance recommendations to reduce downtime. With Performance Monitoring Premium, your gasketed plate heat exchanger runs at its best - effortlessly. You gain insights into equipment condition and can monitor the environmental and economic impact of fouling. We offer performance monitoring through ALIoT - our cloud-based platform that provides data of performance parameters.

Our services help you with:

- Knowledge on the state of your heat exchanger
- Reduced downtime
- Reduced maintenance costs
- Enhanced equipment performance



Example

Performance monitoring premium helps Indian steel manufacturer increase cooling efficiency

A leading steel manufacturer faced challenges with frequent fouling in their furnace cooling system. The fouling forced them to shut down and clean the heat exchangers every 1.5 years to ensure that the cooling system remained effective. This need of frequent attention and intervention was a concern for the customer, which is why they adopted performance monitoring premium from Alfa Laval.

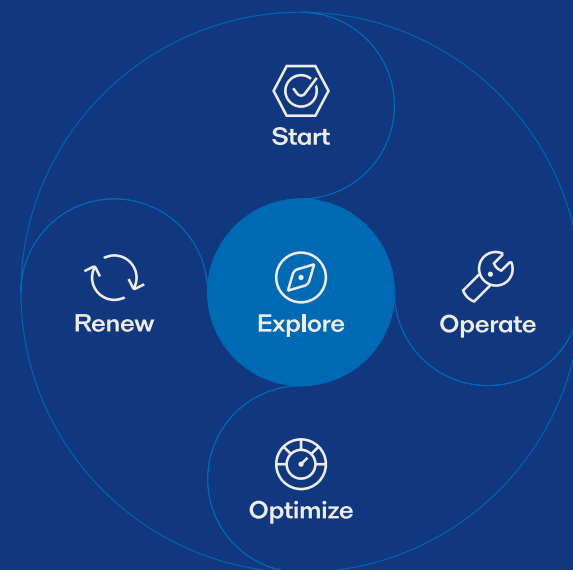
By connecting the heat exchangers to our cloud-based platform, the company gained accurate, real-time predictions that allowed them to clean their heat exchangers only when necessary. This proactive approach, monitored remotely, ensured optimal performance without constant attention. Thanks to performance monitoring premium, the company can now focus on operational efficiency while benefitting from a more reliable, cost-effective cooling system.

Benefits

- Increased equipment uptime thanks to reduced cleaning frequency
- Water savings due to fewer cleanings
- Manpower savings from less manual intervention
- Improved energy efficiency
- OPEX savings



Performance monitoring premium



Related services

Performance monitoring light
Performance assessment
Cleaning in place

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.



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